

**VILLAGE OF HOFFMAN ESTATES
NOTICE TO BID**

The Village of Hoffman Estates is soliciting bids, as described in these documents, for:

2026 Infrastructure Improvement Project

Sealed bids will be received at the Office of the Village Clerk of the Village of Hoffman Estates (1900 Hassell Road) Cook County, Illinois, until **February 11, 2026 at 10:00 AM**. All bids will be publicly opened immediately thereafter.

It is the responsibility of the bidder to meet the specified opening time; and any bid not so received will be returned unopened. Bids must be identified as such on the outside of the sealed envelope. This can be done by marking the envelope "SEALED BID" and with the following information:

Company's Name
Company Address
Name of Bid ("2026 Infrastructure Improvement Project")
Date and Time of Bid Opening

Plans and proposal forms are available for download from the Village of Hoffman Estates website at www.hoffmanestates.org/business/bids.php beginning January 21, 2026. Further information regarding this bid may be obtained by contacting the Engineering Department at construction@vohe.org or 847.252.5800.

The Village reserves the right to reject and/or award any and all bids, or parts thereof, and to waive formalities and technicalities according to the best interest of the Village.

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

January 14, 2026

Date



Patty Richter, Village Clerk

TO BE PUBLISHED ON January 19, 2026
(Date)

PADDOCK PUBLICATIONS



COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State Zip Code

STATE OF ILLINOIS

Local Public Agency

Village of Hoffman Estates	County	Section Number
	Cook	26-00120-00-PV

Route(s) (Street/Road Name)

Various	Type of Funds
	Local

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

President of Board of Trustees

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	26-00120-00-PV	Various

NOTICE TO BIDDERS

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

1900 Hassell Road, Hoffman Estates, IL 60169

Address	Name of Office	Time	Date
1900 Hassell Road, Hoffman Estates, IL 60169	until 10:00 AM	on 02/11/26	

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

1900 Hassell Road, Hoffman Estates, IL 60169

Address	Name of Office	Time	Date
1900 Hassell Road, Hoffman Estates, IL 60169	at 10:00 AM	on 02/11/26	

DESCRIPTION OF WORK

Location	Project Length
Various	1.5 mi

Proposed Improvement

Reconstruction, Resurfacing, and other infrastructure improvements of various streets 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/bids.php beginning January 21, 2026

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:
 - a. Local Public Agency Formal Contract Proposal (BLR 12200)
 - b. Schedule of Prices (BLR 12201)
 - c. Proposal Bid Bond (BLR 12230) (if applicable)
 - d. Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
 - e. 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	26-00120-00-PV	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 11/20/26 _____ 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 or 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	26-00120-00-PV	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 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 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 or 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 Village of Hoffman Estates	County Cook	Section Number 26-00120-00-PV	Route(s) (Street/Road Name) Various
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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

Secretary

Treasurer

Attest:

Secretary

Instructions for BLR 12200 - Page 1 of 2

Note: Instructions should not be included when the form is submitted.

This form is used when a Local Public Agency desires to solicit bids for a project.

This form shall be included in all formal contract proposals for bidding purposes. This includes both maintenance and construction projects. Refer to Chapter 12 of the Bureau of Local Roads and Streets Manual for more information. Specifications must be included in the proposal packet, along with plans, if applicable. For signature requirements refer to Chapter 2, Section 3.05(b) of the BLRS Manual.

Proposal Submitted By:

Contractor's Name (to be completed by Bidder)	Contractor will insert their name when submitting a proposal packet for bid.
Contractor's Address (to be completed by Bidder)	Contractor will insert legal address when submitting a proposal packet for bid.
Local Public Agency	Insert the name of the Local Public Agency (LPA) soliciting bids for the project.
County	Insert the name of the County in which the LPA is located.
Section Number	Insert the section number assigned to this project without dashes.
Route(s) (Street/Road Name)	Insert the name of the street or route on which the project is located. For projects that include several streets or routes, insert various.
Type of Funds	Insert the type of funds being used to fund this project.
Proposal Only/Proposal and Plans/ Proposal Only, Plans are separate	<input type="checkbox"/> Check the box that is applicable to this packet.
For a County and Road District Project	
Highway Commissioner Signature	For a Road District Project, the Highway Commissioner shall sign and date here.
County Engineer/Superintendent of Highways	For a road district project or county project, the County Engineer/Superintendent of Highways shall sign and date here.
For a Municipal Project	
Signature and Date	For a Municipal project, the appropriate municipal official shall sign and date here.
Official Title	Insert the title of the official who signed above.
Department of Transportation	
Regional Engineer Signature and Date	Upon a limited review, the Regional Engineer shall sign and date here.
NOTICE TO BIDDERS	
Name of Office	Insert the name of the office where proposals will be received.
Address	Insert the address of the office where sealed proposals will be received.
Time	Insert the time, including AM or PM, that proposals will be accepted until.
Date	Insert the date that proposals will be accepted until.
Name of Office	Insert the name of the office where proposals will be open and read.
Address	Insert the address of the office where proposals will be open and read.
Time	Insert the time, including AM or PM, that proposals will be read.
Date	Insert the date that proposals will be read.
Location	Insert the location description of the project.
Length	Insert the length of project in miles.
Proposed Improvement	Insert the description of the proposed improvement.
1 Office of	Insert the name of the office, along with the address where plans and proposals will be available.
2 Prequalification	<input type="checkbox"/> Check this box if prequalification is or will be required.

PROPOSAL

1	Proposal of (to be completed by Bidder)	Insert the bidder's name and address.
2	Prepared by	Insert the name of the LPA consulting engineering company who prepared the plans.
	Approved	Insert the date of approval of the plans by the Department of Transportation.
5	Working Days	Insert the number of working days for the project as provided in the estimate of time, if applicable.
	Completion Date	Insert the completion date, if applicable.
6	Section Number (to be completed by Bidder)	If applicable, insert the section number without dashes of the proposal packet where the proposal guaranty can be found.
7		The LPA will complete this with the contract bond requirement.
11		The LPA will complete as it applies to the acceptance of bid bonds.
	Payable to	Insert the name of the LPA.
	Amount of Check	Insert the amount of the check in words followed by numerical format in ().
	Attach Cashier's Check or Certified Check Here	Attached a certified or cashier's check here unless the proposal guaranty is found in another proposal packet. If so, indicate the packet section number where the guarantee can be found.
Signatures		
	If an individual	If the bidder is an individual, the bidder shall sign, date, and insert their address on the line below.
	If a partnership	
	Firm Name and Address	If the bidder is a partnership, the Firm name shall be inserted. The appropriate firm individual shall sign, date, and insert the firm's address on the line below.
	Name and Addresses of Partners	On a separate line, insert each partner's name and address.
	If a corporation	
	Corporate Name	Insert the corporate name of the bidder. This is to be followed by the signature of the corporate president.
	Business Address	Insert the business address for the corporation.
	Insert the Names of Officers	Insert the name of the corporation's president, Secretary and Treasurer.
	Attest	The secretary of the corporation shall sign and date here.

A minimum of four (4) signed originals must be submitted to the Regional Engineer's District office.

Following the Regional Engineer's approval, distribution will be as follows:

- Local Public Agency Clerk (2)
- Engineer (Municipal, Consultant or County)
- District File



Contractor's Name

Contractor's Address

	City	State	Zip Code
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Local Public Agency

Village of Hoffman Estates	County Cook	Section Number 26-00120-00-PV
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Route(s) (Street/Road Name)

Various

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

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

Item Number	Items	Unit	Quantity	Unit Price	Total
HE201000	TREE ROOT PRUNING	EACH	42		
20100210	TREE REM (OVER 15 UNITS)	UNIT	30		
20100500	TREE REM, ACRES	ACRE	0.03		
20101000	TEMPORARY FENCE	FOOT	200		
20200100	EARTH EXCAVATION	CU YD	1771		
20201200	REM & DISPO UNSUIT MAT'L	CU YD	500		
20400800	FURNISHED EXCAVATION	CU YD	13		
20800150	TRENCH BACKFILL	CU YD	2720		
21001000	GEOTECH FABRIC	SQ YD	5096		
21301072	EXPLORATORY TRENCH 72"	FOOT	100		
21101600	TPSOIL FURN&PLACE VAR D	SQ YD	9907		
HE250000	ECB W/SEED, SPECIAL	SQ YD	5716		
HE252000	SODDING, SPECIAL	SQ YD	4191		
28000250	TEMP EROSION CTRL SEED	POUND	87		
28000305	TEMP DITCH CHECKS	FOOT	20		
28000510	INLET FILTERS	EACH	54		
28001100	TEMP EROSION CTRL BLNKT	SQ YD	4191		
28100105	STONE RIPRAP, CLASS A3	SQ YD	25		
30300001	AGG SUBGRADE IMPROV	CU YD	500		
30300112	AGG SUBGRADE IMPROV 12"	SQ YD	5096		
HE322924	RETAINING WALL REMOVAL	SQ FT	30		
40201000	AGG FOR TEMP ACCESS	TON	805		
HE406000	BIT MATLS TRACKLESS TC	POUND	15100		
40602978	HMA BINDER CSE IL-9.5 N50	TON	514		

Local Public Agency		County	Section Number	Route(s) (Street/Road Name)	
Village of Hoffman Estates		Cook	26-00120-00-PV	Various	
Item Number	Items	Unit	Quantity	Unit Price	Total
40603080	HMA BINDER CSE IL-19.0 N50	TON	151		
40604060	HMA SC IL-9.5 MIX "D" N50	TON	1675		
40701801	HMA PAV'T (FULL DEPTH), 6"	SQ YD	3490		
HE407300	HMA DRIVEWAY PVT 3"	SQ YD	140		
HE423060	PCC DRIVEWAY PVT 6"	SQ YD	1620		
HE423080	PCC DRIVEWAY PVT 8"	SQ YD	53		
HE424000	PCC SIDEWALK 5"	SQ FT	40550		
HE424001	PCC STEPS R&R	SQ FT	300		
HE424008	DETECTABLE WARNINGS	SQ FT	478		
44000100	PAVEMENT REMOVAL	SQ YD	4535		
HE440015	VAR DEPTH GRIND (0"-3")	SQ YD	18198		
44000200	DRIVEWAY PVT REMOVAL	SQ YD	1813		
44000500	COMB CONC C&G REMOVAL	FOOT	3550		
44000600	SIDEWALK REMOVAL	SQ FT	40150		
HE442060	CLASS D PATCH, SPL, 6"	SQ YD	1175		
HE442070	CLASS D PATCH, SPL, 7"	SQ YD	135		
HE442090	CLASS D PATCH, SPL, 9"	SQ YD	140		
HE542485	CONCRETE COLLAR, SPL	EACH	2		
550A2320	SS RG CLASS A TYPE 1, 12"	FOOT	1078		
550A2330	SS RG CLASS A TYPE 1, 15"	FOOT	57		
550A2340	SS RG CLASS A TYPE 1, 18"	FOOT	8		
550A2360	SS RG CLASS A TYPE 1, 24"	FOOT	172		
HE550P06	SS SOLID PVC, 6 INCH	FOOT	20		
HE550P08	SS SOLID PVC, 8 INCH	FOOT	22		
HE550P10	SS SOLID PVC, 10 INCH	FOOT	5		
HE550P12	SS SOLID PVC, 12 INCH	FOOT	141		
HE550P24	SS SOLID PVC, 24 INCH	FOOT	32		
HE550110	SS TY 1 WTRMN QLTY, 10"	FOOT	10		
HE550112	SS TY 1 WTRMN QLTY, 12"	FOOT	78		
HE550118	SS TY 1 WTRMN QLTY, 18"	FOOT	10		
HE550121	SS TY 1 WTRMN QLTY, 21"	FOOT	10		
HE550550	POST CONSTRN TELEVISING	FOOT	1204		
HE551000	DIR CONN STORM SWR SPL	EACH	6		
55100200	STORM SEWER REM 6"	FOOT	20		
55100400	STORM SEWER REM 10"	FOOT	95		
55100500	STORM SEWER REM 12"	FOOT	626		
55100700	STORM SEWER REM 15"	FOOT	57		

Local Public Agency		County	Section Number	Route(s) (Street/Road Name)
Village of Hoffman Estates		Cook	26-00120-00-PV	Various
55100900	STORM SEWER REM 18"	FOOT	18	
55101100	STORM SEWER REM 21"	FOOT	187	
55101300	STORM SEWER REM 27"	FOOT	37	
HE561060	WATER MAIN 6"	FOOT	222	
HE561080	WATER MAIN 8"	FOOT	1704	
HE561100	WATER MAIN 10"	FOOT	1240	
HE561120	WATER MAIN 12"	FOOT	15	
HE561101	DISCONNECT FR EXIST WM	EACH	3	
HE562007	COPPER WTR SVC TY K 0.75"	FOOT	16	
HE562015	COPPER WTR SVC TY K 1.5"	FOOT	2102	
HE563004	SAN SWR PVC SDR 26 4" SPL	FOOT	215	
HE563006	SAN SWR PVC SDR 26 6" SPL	FOOT	66	
HE563008	SAN SWR PVC SDR 26 8" SPL	FOOT	119	
HE563012	SAN SWR PVC SDR 26 12" SP	FOOT	30	
HE563015	SAN SWR PVC SDR 26 15" SP	FOOT	40	
HE563104	SAN SWR REMOVAL 4" SPL	FOOT	223	
HE563106	SAN SWR REMOVAL 6" SPL	FOOT	70	
HE563108	SAN SWR REMOVAL 8" SPL	FOOT	98	
HE563112	SAN SWR REMOVAL 12" SPL	FOOT	30	
HE563115	SAN SWR REMOVAL 15" SPL	FOOT	40	
HE563206	SAN SWR SVC CONN 6" SPL	EACH	5	
HE564000	FH W/AUX VALVE & VLV BOX	EACH	10	
HE564100	FIRE HYDRANT REMOVAL	EACH	7	
HE564400	SAN MH 4 FOOT SPL	EACH	6	
HE564450	SAN DROP MH 4 FOOT SPL	EACH	3	
HE565000	SAN MH ADJUST SPL	EACH	4	
HE565500	SAN MH RECON SPL	EACH	3	
59300100	CTRLD LOW-STRGTH MATL	CU YD	9	
HE601004	PU FAB LINED TRNCH 4" SPL	FOOT	202	
HE602104	CATCH BASIN 4 FOOT DIA	EACH	6	
HE602200	INLETS 2 FOOT DIA	EACH	12	
HE602400	MANHOLES 4 FOOT DIA	EACH	9	
HE602500	MANHOLES 5 FOOT DIA	EACH	1	
HE602548	GATE VLV 8" W/VULT 4' DIA	EACH	13	
HE602551	GATE VLV 10" W/VULT 5' DIA	EACH	6	
HE602552	GATE VLV 10" W/VULT 5' SPL	EACH	1	
HE602900	ABANDON VALVE BOX	EACH	3	
HE603000	MANHOLES TO BE ADJ	EACH	29	

Local Public Agency		County	Section Number	Route(s) (Street/Road Name)
Village of Hoffman Estates		Cook	26-00120-00-PV	Various
HE603100	MANHOLES TO BE ADJ SPL	EACH	1	
HE603500	MANHOLES TO BE RECON	EACH	1	
HE604007	F&G DEPRESSED GRATE	EACH	1	
60402210	GRATES TYPE 8	EACH	1	
60406000	F&L TY 1 OPEN LID	EACH	6	
HE604060	F&L STORM TY 1 CL LID SPL	EACH	4	
HE604061	F&L SAN TY 1 CL LID SPL	EACH	16	
HE604062	F&L WATER TY 1 CL LID SPL	EACH	20	
HE604300	F&G FOR M3.12 CURB	EACH	16	
HE604605	F&G FOR B6.12 CURB	EACH	13	
60500040	REMOVING MANHOLES	EACH	18	
60500060	REMOVING INLETS	EACH	10	
HE605500	ABANDON MANHOLES SPL	EACH	12	
HE606100	COMB CONC C&G M3.12 SPL	FOOT	2700	
HE606200	COMB CON C&G B6.12 SPL	FOOT	920	
HE606300	COMB CON C&G R&R SPL	FOOT	6340	
HE606900	CONCRETE FRONT FILL SPL	FOOT	1000	
HE664000	FENCE REM AND REINSTALL	FOOT	21	
HE701014	TCP	LS	1	
70300100	SH TERM PAV'T MARK	FOOT	24	
70300150	SH TERM PAV'T MARK REM	SQ FT	48	
HE720010	REMOVE AN RESET SIGN	EACH	14	
78001110	PAINT PVT MARKING-LINE 4"	FOOT	963	
78009006	MOD UR PAV'T MARK-LINE 6"	FOOT	208	
78009024	MOD UR PAV'T MRK-LINE 24"	FOOT	72	
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.

Instructions for BLR 12201 - Page 1 of 1

Note: Instructions should not be included when the form is submit.

This form is used when a Local Public Agency desires to solicit bids for a project.

This form shall be included in all formal contract proposals for bidding purposes. This includes both maintenance and construction projects. Refer to Chapter 12 of the Bureau of Local Roads and Streets Manual for more information. Specifications must be included in the proposal packet, along with plans. For signature requirements refer to Chapter 2, Section 3.05(b) of the BLRS Manual.

Proposal Submitted By:

Contractor's Name (to be completed by Bidder) Contractor will insert their name when submitting a proposal packet for bid.
Contractor's Address (to be completed by Bidder) Contractor will insert legal address when submitting a proposal packet for bid.

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter

Insert the letter identifying the combination bids.

Schedule Included in Combinations

Insert the schedules of the bids included in the combination.

Total

Insert the total amount of the combination bid for the sections listed to the left.

Button Functionality



Use the Add Row (+) and/or Remove Row (-) buttons located at the beginning of each line/row to either add a row directly below the row that the Add (+) button is clicked on or remove the actual row that the Remove (-) button is clicked on.

Schedule for Single Bid

Item No.

Insert the item number of the item being bid.

Item(s)

Insert the name of the item being bid.

Delivery

Insert the delivery type for the item listed to the left.

Unit

Insert the unit of measure for the item listed to the left.

Quantity

Insert the quantity for the item listed to the left.

Unit Price

The bidder shall insert the unit price for the item listed to the left.

Total

The bidder shall insert the total, which is quantity times the unit price. If the form is being filled out electronically, this field will automatically calculate the total.

Button Functionality



Use the Add Row (+) and/or Remove Row (-) buttons located at the beginning of each line/row to either add a row directly below the row that the Add (+) button is clicked on or remove the actual row that the Remove (-) button is clicked on.

Bidder's Total Proposal

If completing electronically, this will be automatically completed. If completing by hand, insert the sum of all items above.

Distribution

This form is to be inserted into a formal contract proposal, distribution will be the same as the proposal. When the bidder submits their bid, this form must be completed and included.

Local Public Agency	County	Section Number
Village of Hoffman Estates	Cook	26-00120-00-PV

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

Company Name

Signature & Date

Signature & Date

By:

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

Notary Public Signature & Date

(SEAL, if required by the LPA)

Date commission expires _____

Local Public Agency

Village of Hoffman Estates

County

Cook

Section Number

26-00120-00-PV

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

--

Instructions for BLR 12230

Note: The instructions should not be included when the form is submitted.

This form shall be used if the Local Public Agency (LPA) allows a bid bond as a Proposal Guaranty for all bid submissions on Motor Fuel Tax (MFT) or State funded contracts, deliver/install proposals and material proposals. See the Bureau of Local Roads and Streets Manual (BLRS) Chapter 12 for more information.

When filling out this form electronically, once a field is initially completed, fields requiring the same information will be auto-populated.

Local Public Agency	Insert the name of the LPA soliciting bids for the project.
County	Insert the name of the County in which the LPA is located.
Section Number	Insert the section number assigned to this project without dashes.
Principal Name and Address	Insert the names(s) and address(es) of the principal(s) of the company submitting the bid.
Surety Name and Address	Insert the name and address of the surety company providing the bid bond
Day	Insert the day of the month.
Month and Year	Insert the month and year.
Company Name	Insert the company's name that is submitting the bid.
By:	The authorized company officer shall sign and date here and insert their title.
Company Name	Insert the other company's name if bidder is a joint venture.
By:	If the bid is a joint venture, the authorized company officer of the joint bidder will sign here, and insert their title.
Name of Surety	Insert the name of the surety company providing the bid bond. This must be completed by the surety.
By: (Attorney-in-fact)	The attorney-in-fact shall sign and date here. This must be completed by the surety.
State of	Insert the name of the state where the signer(s) personally appeared before the notary public.
County of	Insert the name of the county where the signer(s) personally appeared before the notary public.
Name of Notary Public	Insert the name of notary public. Insert the names of the individuals signing on behalf of the principal and surety.
Day	Insert the day of the month the notary public signed and sealed this document.
Month and Year	Insert the month and year the notary public signed and sealed this document.
Commission Expires	Insert the date the notary public's commission expires. This is to be completed by the notary public.
Notary Public	The notary public must sign here and place their seal.
Electronic Bid Bond	Check the designated box if an electronic bid bond is allowed by the LPA awarding authority. The awarding authority is responsible for checking the box.
Electronic Bid Bond ID Code	Insert the electronic bid bond identification number for IDOT's approved surety company list.
Company/Bidder Name	Insert the company/bidder name (multiple names if a joint venture).
Signature and Title	The authorized company officer(s) must sign and date here, and insert his/her title(s). (Multiple signatures are required if a joint venture.)

A minimum of four (4) signed originals must be submitted to the Regional Engineer's District office.

Following the Regional Engineer's approval, distribution will be as follows:

Local Public Agency Clerk (2)
Engineer (Municipal, Consultant or County)
District File



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Hoffman Estates	Cook	Various	26-00120-00-PV

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		
<input type="text"/>	<input type="text"/>		
Title	<input type="text"/>		
<input type="text"/>	<input type="text"/>		
Address	City	State	Zip Code
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Instructions for BLR 12325 - Page 1 of 1

Instructions should not be included when the form is submitted.

This form shall be used by the Local Public Agency (LPA) for contract proposal or material proposal/deliver and install project. It must be completed by all bidders and submitted with their bids. This is not to be used for Federally Funded projects. See the Bureau of Local Roads and Streets Manual (BLRS) Chapter 12 for more information.

Local Public Agency	Insert the name of the LPA soliciting bids for the project.
County	Insert the name of the County in which the LPA is located.
Street Name/ Road Name	Insert the name of the street/road on which the project is located. For projects that include several streets or roads insert various.
Section Number	Insert the section number assigned to this project without dashes.
Box 1	<input type="checkbox"/> Check this box if this is a contract proposal or if all groups are a deliver and install proposal.
Box 2	<input type="checkbox"/> Check this box if there are only certain groups within the material proposal that require delivery and installation.
Groups	Insert the individual groups from the material proposal schedule of prices (BLR 12241) that require the bidder to deliver and install.
Training Programs	Insert the names of all the apprenticeship or training programs that the contractor or subcontractor participates in.
Ownership	<input type="checkbox"/> Check this box if the bidder or subcontractor will perform all or part of the work by individual owners, partners, or members and not by employees covered by prevailing wages.
Owner/operator	Insert the name(s) and position(s) of the owner/operator, if the box from above has been checked.
Bidder	Insert the name of the individual bidder or company name of the bidder.
Address	Insert the address of the bidder.
Signature	The bidder must sign and date here.
Title	Insert the title of the bidder that signed above.

Distribution:

This form is to be included in the proposal packet, except for federally funded projects, completed by bidder and returned with bid. Upon execution of a formal contract this is to be submitted with the formal contract package to the Department. For a Material/Deliver and Install project this to be maintained by the LPA. Distribution will be as listed on BLR 12200, BLR 12320, BLR 12240.



Affidavit of Illinois Business Office

Local Public Agency	County	Street Name/Road Name	Section Number
Village of Hoffman Estates	Cook	Various	26-00120-00-PV

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 _____ Bidder
Officer or Position
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 _____

Instructions BLR 12326 - Page 1 of 1

The instructions should not be included when the form is submitted.

This form shall be used for Local Public Agency (LPA) contract proposals and deliver and install proposals. It must be completed by all bidders and submitted with their bids. This is not to be used for Federally Funded projects. See the Bureau of Local Roads and Streets Manual (BLRS) Chapter 12 for more information.

Local Public Agency	Insert the name of the LPA soliciting bids for the project.
County	Insert the name of the County in which the LPA is located.
Street Name/Road Name	Insert the name of the street/road on which the project is located. For projects that include several streets or routes insert various.
Section Number	Insert the section number assigned to this project without dashes.
Name of Affiant	Insert the name of the Affiant.
City of Affiant	Insert the city of residence of the Affiant.
State of Affiant	Insert the State of residence of the Affiant.
Officer or Position	Insert the position held by the Affiant.
Bidder	Insert the bidder's company name.
Bidder	Insert the bidder's company name.
County of	Insert the name of the County the Affiant is in.
Signature	The Affiant must sign and date here.
Name of Affiant	Insert the name of the Affiant (typed or printed).
State	Insert the name of the state where the signer(s) personally appeared before the notary public.
County	Insert the name of the county where the signer(s) personally appeared before the notary public.
Date	Insert the date the notary witnessed the signature(s).
Name	Insert the name(s) of the Affiant.
Bidder	Insert the bidder's company name.
Notary Signature	The Notary must sign and seal here.
Date Commission Expires	The Notary must write the date their commission expires here.

Distribution:

Upon completion this document gets inserted into the Formal Contract Proposal (BLR 12200) or the Material Proposal/Deliver and Install Proposal (BLR 12240) and **must be** submitted with the contractor's bid.

Upon execution of a formal contract this form is to be submitted with the formal contract package to the Department. For a Material/Deliver and Install project this form is to be maintained by the LPA.

Affidavit of Availability

For the Letting of 02/11/26



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

 Add pages for additional contracts



Affidavit of Availability

For the Letting of 02/11/26

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

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	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

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Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	2	3	4	Awards Pending	1
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
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Amount Uncompleted					
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

 Add pages for additional contracts



Affidavit of Availability

For the Letting of 02/11/26

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	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

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Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

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	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

 Add pages for additional contracts



Affidavit of Availability

For the Letting of 02/11/26

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

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Part I. Work Under Contract

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	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
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Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

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	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
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Subcontractor					
Type of Work					
Subcontract Price					
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Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

 Add pages for additional contracts



Affidavit of Availability

For the Letting of 02/11/26

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	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

**INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS**

Adopted January 1, 2026

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 1-1-26)**

SUPPLEMENTAL SPECIFICATIONS

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542	Pipe Culverts	35
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1004	Coarse Aggregates	67
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1102	Hot-Mix Asphalt Equipment	85

RECURRING SPECIAL PROVISIONS

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

<u>CHECK SHEET #</u>		<u>PAGE NO.</u>
1	Additional State Requirements for Federal-Aid Construction Contracts	87
2	Subletting of Contracts (Federal-Aid Contracts)	90
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15	Polymer Concrete	129
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20	English Substitution of Metric Bolts	137
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24	Reserved	163
25	Reserved	164
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30	Longitudinal Joint and Crack Patching	176
31	Concrete Mix Design – Department Provided	178
32	Station Numbers in Pavements or Overlays	179

Local Public Agency

Village of Hoffman Estates

County

Cook

Section Number

26-00120-00-PV

 Check this box for lettings prior to 01/01/2026

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

Recurring Special Provisions

Check Sheet #		Page No.
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	87
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	90
3	<input type="checkbox"/> EEO	91
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	101
5	<input type="checkbox"/> Required Provisions - State Contracts	106
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	112
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	113
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	114
9	<input type="checkbox"/> Construction Layout Stakes	115
10	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	118
11	<input type="checkbox"/> Subsealing of Concrete Pavements	120
12	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	124
13	<input type="checkbox"/> Pavement and Shoulder Resurfacing	126
14	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	127
15	<input type="checkbox"/> Polymer Concrete	129
16	<input type="checkbox"/> Reserved	131
17	<input type="checkbox"/> Bicycle Racks	132
18	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	134
19	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	136
20	<input type="checkbox"/> English Substitution of Metric Bolts	137
21	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	138
22	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	139
23	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	147
24	<input type="checkbox"/> Reserved	163
25	<input type="checkbox"/> Reserved	164
26	<input type="checkbox"/> Temporary Raised Pavement Markers	165
27	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	166
28	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	169
29	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	173
30	<input type="checkbox"/> Longitudinal Joint and Crack Patching	176
31	<input type="checkbox"/> Concrete Mix Design - Department Provided	178
32	<input type="checkbox"/> Station Numbers in Pavements or Overlays	179

Local Public Agency

Village of Hoffman Estates

County

Cook

Section Number

26-00120-00-PV

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

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LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	184
LRS 5	<input checked="" type="checkbox"/> Contract Claims	185
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	186
LRS 7	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	192
LRS 8	Reserved	198
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LRS 10	Reserved	203
LRS 11	<input checked="" type="checkbox"/> Employment Practices	204
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	206
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	208
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	209
LRS 15	<input checked="" type="checkbox"/> Partial Payments	212
LRS 16	<input checked="" type="checkbox"/> Protests on Local Lettings	213
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	214
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	215
LRS 19	<input type="checkbox"/> Reflective Crack Control Treatment	216

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Note: Instructions are not to be submitted with the form.

This form shall be used and included in proposal/contract documents. Items checked on the check sheet are included by reference and do not need to also be attached.

For more information see Chapter 11 of the Bureau of Local Roads and Street Manual (BLRS Manual).

Local Public Agency	Insert the name of the Local Public Agency (LPA) the proposal is for.
County	From the drop down, select the name of the County in which the LPA is located.
Section Number	Insert the section number without dashes that the proposal/contract is for.
Check Box for Letting Date	Check this box if the letting is to be held prior to January 1, 2026. For lettings held on or after January 1, 2026 leave the box blank. This choice allows the correct version of the form to display for the desired letting.
Special Provisions	Check the boxes for the Recurring Special Provisions and the Local Roads and Streets Recurring Special Provisions which are to be included in this proposal/contract package by reference.

This form is to be submitted in the proposal packet for material proposal/deliver and install proposals and contract proposals.

BDE SPECIAL PROVISIONS
For the January 16 and February 27, 2026 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	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
80274	2	<input checked="" 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
80475	6	<input type="checkbox"/> Bridge Deck Concrete Overlays	Jan. 1, 2026	
*	80241	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
*	5053I	<input type="checkbox"/> Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	5026I	<input type="checkbox"/> Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
80460	10	<input checked="" type="checkbox"/> Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar	Jan. 1, 2025	Jan. 1, 2026
80384	11	<input checked="" type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	<input type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
*	80199	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80461	14	<input type="checkbox"/> Concrete Barrier	Jan. 1, 2025	
80453	15	<input type="checkbox"/> Concrete Sealer	Nov. 1, 2023	
80261	16	<input checked="" type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2025
80476	17	<input type="checkbox"/> Deck Slab Repair	Jan. 1, 2026	
*	80029	<input type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2025
80467	19	<input checked="" type="checkbox"/> Erosion Control Blanket	Aug. 1, 2025	
80229	20	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80452	21	<input type="checkbox"/> Full Lane Sealant Waterproofing System	Nov. 1, 2023	
80433	22	<input type="checkbox"/> Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
80471	23	<input type="checkbox"/> Guardrail	Nov. 1, 2025	
80472	24	<input type="checkbox"/> High Friction Surface Treatment	Nov. 1, 2025	
80456	25	<input checked="" type="checkbox"/> Hot-Mix Asphalt	Jan. 1, 2024	Jan. 1, 2026
80446	26	<input type="checkbox"/> Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
80438	27	<input type="checkbox"/> Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
80477	28	<input type="checkbox"/> Longitudinal Tining	Jan. 1, 2026	
80450	29	<input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	Aug. 1, 2025
80478	30	<input type="checkbox"/> Modified Longitudinal Construction Joint	Jan. 1, 2026	
80464	31	<input checked="" type="checkbox"/> Pavement Marking	April. 1, 2025	Nov. 1, 2025
80468	32	<input type="checkbox"/> Pavement Patching	Aug. 1, 2025	
80441	33	<input checked="" type="checkbox"/> Performance Graded Asphalt Binder	Jan. 1, 2023	
80459	34	<input type="checkbox"/> Preformed Plastic Pavement Marking	June 2, 2024	
*	3426I	<input type="checkbox"/> Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
80473	36	<input type="checkbox"/> Raised Reflective Pavement Markers	Nov. 1, 2025	
80455	37	<input checked="" type="checkbox"/> Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
80474	38	<input type="checkbox"/> Residential Driveway Temporary Signal	Nov. 1, 2025	
80445	39	<input type="checkbox"/> Seeding	Nov. 1, 2022	
80457	40	<input checked="" type="checkbox"/> Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
80462	41	<input type="checkbox"/> Sign Panels and Appurtenances	Jan. 1, 2025	Jan. 1, 2026
80479	42	<input type="checkbox"/> Sinusoidal Rumble Strips	Jan. 1, 2026	
80469	43	<input type="checkbox"/> Slope Wall	Aug. 1, 2025	
80448	44	<input type="checkbox"/> Source of Supply and Quality Requirements	Jan. 2, 2023	Jan. 1, 2026
80340	45	<input type="checkbox"/> Speed Display Trailer	April 2, 2014	Jan. 1, 2022
80127	46	<input type="checkbox"/> Steel Cost Adjustment	April 2, 2004	Nov. 1, 2025
80480	47	<input type="checkbox"/> Structural Repair of Concrete	Jan. 1, 2026	
80397	48	<input type="checkbox"/> Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	49	<input type="checkbox"/> Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
80463	50	<input type="checkbox"/> Submission of Bidders List Information	Jan. 2, 2025	Mar. 2, 2025
80437	51	<input type="checkbox"/> Submission of Payroll Records	April 1, 2021	Nov. 2, 2023

80435	52	<input type="checkbox"/> Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
80465	53	<input type="checkbox"/> Surveying Services	April 1, 2025	
80481	54	<input type="checkbox"/> Temporary Concrete Barrier	Jan. 1, 2026	
80466	55	<input type="checkbox"/> Temporary Rumble Strips	April 1, 2025	
80470	56	<input type="checkbox"/> Traffic Signal Backplate	Aug. 1, 2025	
*	20338	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
80429	58	<input type="checkbox"/> Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
80439	59	<input type="checkbox"/> Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
80458	60	<input type="checkbox"/> Waterproofing Membrane System	Aug. 1, 2024	
80302	61	<input type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	Jan. 2, 2025
80454	62	<input type="checkbox"/> Wood Sign Support	Nov. 1, 2023	
80427	63	<input checked="" type="checkbox"/> Work Zone Traffic Control Devices	Mar. 2, 2020	Jan. 1, 2026
*	80071	<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 2026 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>
80447	Grading and Shaping Ditches	Articles 214.03 & 214.04	Jan. 1, 2023	

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VILLAGE OF HOFFMAN ESTATES
2026 INFRASTRUCTURE IMPROVEMENTS 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 Section No. 26-00120-00-PV, 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

The improvements included in this Contract consist of furnishing all of the materials, labor and equipment required for reconstruction and resurfacing of various streets in Hoffman Estates and includes curb and gutter removal and replacement, concrete sidewalk removal and replacement, reconstruction of manhole structures, removal and replacement of sanitary sewer and storm sewer, abandonment and installation of watermain, pavement excavation, asphalt grinding, installation of stone, binder asphalt, surface asphalt, pavement markings, restoration of parkway areas, and together with all other incidental work necessary to complete this improvement according to the Plans, Standard Specifications and Special Provisions.

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 all earthwork, construct all base and surface courses, structures, and such additional, extra, and incidental construction as may be necessary to complete the work to the finished lines, grades and cross sections 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, and Three (3) days prior to residents losing access to their homes.

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.

WATER MAIN SHUT-DOWNS

When the work requires the shut-down of Village water mains, the Contractor shall notify the Engineer no less than 48 hours in advance of the proposed work to schedule the water main shutdown. Public Works staff will notify all affected water users of the scheduled shut-down. Only Public Works staff shall operate water system valves. Water main shutdowns will only be permitted between the hours of 8:30 am to 4:30 pm, cannot exceed six hours, with no shut-downs permitted on consecutive days. The Contractor shall make every effort to schedule work requiring water main shut-downs to be as efficient as possible by combining together work items requiring the same shut-down.

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 reconstructing and resurfacing streets 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.

In preparing the construction schedule, the Contractor must follow the requirements given below:

A. RECONSTRUCTION

Loss of access to residents must be kept to a minimum. Loss of access is defined as the point in time the curb and gutter, sidewalk, aprons, or pavement is removed; whichever is done first. All residents must be notified by the Contractor a minimum of three (3) days before access will be lost. Upon the loss of access, the Contractor will be held to the following requirements:

- Within the first 5 working days, pedestrian access must be restored by placing the majority of the sidewalk, as determined by the Engineer.
- Within 15 working days, roadway and driveway access must be restored by placing the curb and gutter, sub-base granular material, HMA binder course, and driveway pavement.
- Within 20 working days, all sidewalk access must be restored and topsoil backfill must be completed

Failure to complete within the allotted working days will result in liquidated damages in the amount of \$2,000 per working day per location.

B. RESURFACING

It is essential that the Contractor keep constant, non-interrupted progress on each street as it is resurfaced. Resurfacing can include the removal and replacement of the curb and gutter and/or the apron and any underground utility work shown on the plans or directed by the Engineer. **Once the Contractor has started the curb and gutter, sidewalk, driveway aprons, or pavement grinding, whichever is done first, the Contractor will then have 30 calendar days in which to complete the HMA surface course and topsoil backfill.** Residential driveway access shall be restored within 14 calendar days after loss of access. Failure to complete this work within the allotted time will result in liquidated damages in the amount of \$1,425 per calendar day per street.

C. The project schedule must incorporate the following restrictions:

1. Chelmsford Pl – Upon completion of underground utility improvements, the contractor must begin the reconstruction within 5 working days. During the reconstruction phase, the contractor is allowed 10 working days to restore roadway and parking access by placing the curb and gutter, sub-base granular material, HMA binder course, parking stall pavement, and parking stall striping.
2. Any landscaping restoration areas that have not been accepted by the Engineer as of November 20, 2026 will be reinspected by April 30, 2027. Upon formal notification being sent to the contractor following reinspection, all restoration areas that have been identified as unsatisfactory need to be remediated before May 31, 2027. Failure to comply will result in liquidated damages in the amount of \$1,425 per calendar day.
3. Contractor required to coordinate activities on Wilshire with adjacent construction on Ela Rd.

- D. All subgrade shall be proof rolled the same day that it is exposed. Once approved, the subgrade shall be covered with Geotechnical Fabric for Ground Stabilization and Aggregate Subgrade Improvement on the same working day. If approved subgrade is not covered with geotechnical fabric and aggregate subgrade improvement overnight, the contractor shall be responsible for the cost of all undercuts that reside in the uncovered areas if those areas are no longer suitable for construction. If unapproved subgrade is left overnight, the contractor shall be responsible for the cost of all undercuts that reside in the uncovered areas, as determined by the Engineer.
- E. In order to minimize loss of access impacts, underground work can commence prior to the start of resurfacing/reconstruction without counting towards the start of working/calendar days on affected street(s) if the following conditions are met:
 1. No loss of local access outside of working hours.
 2. Temporary HMA patching of all pavement cuts is provided if more than 2 weeks will elapse prior to the start of reconstruction/resurfacing work. The cost of temporary access will not be paid for separately but shall be considered included in the underground pay items.

If these conditions are not met, working/calendar days will be charged starting from the first day of underground construction.

- F. The Contractor cannot leave an exposed centerline joint on the surface course overnight.
- G. It is essential that constant, non-interrupted progress occur on each project location.
- H. Emergency vehicle access must be maintained at all times. Failure to comply will result in liquidated damages in the amount of \$2,300 per calendar day.
- I. The contractor must wait until the next calendar day to place the next course of asphalt, excluding leveling binder.

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. This includes any bracing and protection of existing storm sewer networks. 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 INLET FILTERS.
- Concrete curing materials shall be applied to all new concrete gutter flags, faces and tops of curbs, sidewalks, and driveway pavements in accordance with the requirements of Section 1022 of the Standard Specifications. The protective coat shall be a clear curing compound of similar specifications to W.R. Meadows Seal Tight 1100 clear, Chemmasters Safe-Cure Clear, or Dayton Superior Day-Chem Rez Cure (J-11-W). The contractor shall abide by the Manufacturer's specifications in the preparation and application of the membrane curing compound. This work will not be paid for separately but shall be included in the cost of the applicable pay items.
- Concrete washout shall be provided for all work locations at a location approved by the Engineer. The concrete washout shall follow plan details or approved equivalent. This work will not be paid for separately but shall be included in the cost of the applicable pay items.
- Saw cutting shall be performed at locations designated on the plans, or as directed by the Engineer, and shall be considered included in the cost of applicable pay items. After saw cutting, the Contractor shall immediately remove all concrete or asphalt slurry from the work area, specifically from the pavement, driveway, sidewalk and curb and gutter which is to remain in place. In the event the concrete or asphalt slurry is not removed immediately and the concrete or asphalt slurry cures and adheres to the adjacent surface, the Contractor shall remove and replace the portion with concrete or asphalt slurry to the satisfaction of the Engineer. No additional compensation will be allowed for removal of the slurry or removal and replacement of the adjacent area due to slurry which was not immediately removed from the adjacent area.
- Pavement shall be saw cut 6" from the edge of the curb at all locations with Curb and Gutter Removal & Replacement, Special. This area shall be front-filled with Class SI Concrete. Cost of this work shall not be paid for separately but shall be included in the cost of applicable pay items.

- The contractor shall follow the butt joint detail shown in the plans at all project limits except that the cost of the butt joint removal shall not be paid for separately and shall be included in the cost of the contract.
- Temporary HMA ramps shall be provided and maintained in the roadway at all sidewalk ramp locations upon completion of sidewalk work, prior to completion of pavement surface course. The removal and maintenance of the ramps shall not be paid for separately but shall be included in the cost of the contract.
- Temporary ramps shall be provided at all intersections during construction and paid as AGGREGATE FOR TEMPORARY ACCESS.
- The contractor shall be required to move, secure, and store any decorative rocks, paver bricks, sprinkler heads, 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 removal pay items.
- The contractor shall use all necessary precautions and protection measures required to maintain existing utilities, sewers, and appurtenances that must be kept in operation. In particular, the contractor will take adequate measures to prevent the undermining of utilities and sewers which are still in service. It shall be the contractor's responsibility to protect excavation trenches during the installation of sanitary sewer, storm sewer and watermain to include any shoring or dewatering equipment necessary. This work shall 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.
- Protecting open holes, pavement opening, equipment and rubble shall be included in the cost of CLASS D PATCHES of the type and depth.

- All removed castings shall be delivered to the Village of Hoffman Estates yard (2405 Pembroke Avenue) by the contractor. Cost of this work will not be paid for separately but shall be included in the cost of the contract.
- Any damaged mailbox and/or post shall be repaired/replaced according to the mailbox detail at the contractor's expense. All streets that require full curb & gutter removal shall have cluster boxes placed at project limits at locations determined by the Engineer. Cost of this work will not be paid for separately but shall be included in the cost of the contract.
- The contractor shall provide portable toilets at all active project locations. Cost of this work will not be paid for separately but shall be included in the cost of the contract.
- The contractor shall remove all construction materials, equipment, debris, etc from the jobsite within 10 calendar days of surface paving.
- The contractor is notified that permit coordination is required with the IEPA (for water main installation), MWRDGC (for sanitary sewer improvements), and IDOT (detour route/signage). Costs associated with bonding requirements or special conditions of these permits are considered included in the cost of the contract.

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 (5%). 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. Per the discretion of the Engineer, the Village has the ability to withhold retention upon completion of all improvements provided under this Contract and shall be for a period of twelve (12) months after the final acceptance of such improvements by the Village for the purpose of:

- A. Guaranteeing against and securing the correction of any defect in material or workmanship furnished under this Contract, latent in character and not discernible at the time of final inspection or acceptance by the Village.
- B. Guaranteeing against and securing the correction of any damage to the improvements provided under this Contract by reason of settling of the ground base or foundation thereof.

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 Senior Project Manager 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.

PROJECT SIGNS

This item shall consist of installing, maintaining and removing project signs supplied by the Village. Signs shall be placed on each street a minimum of three days prior to any construction and remain until notified to remove them by the Engineer. Signs shall be located at each end of a street as it is being reconstructed or resurfaced. This item shall be considered incidental to this contract and shall include all costs for installing, maintaining, and removing the project signs. The signs shall be returned to the Village of Hoffman Estates during nonuse or after completion of the project.

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.

MATERIAL INSPECTION

All Hot-Mix Asphalt and P.C. Concrete materials used on this project shall be tested and inspected for compliance with the requirements of the IDOT Standard Specifications and the Project Procedure Guide.

The Contractor shall contact the Engineer and Village's testing consultant 48-hours in advance of construction for inspection of all Hot-Mix Asphalt and PCC materials used on this project.

The Contractor is to submit a Q/C plan for HMA and PCC materials to the Q/A Manager for approval prior to construction operations commencing.

All Q/C reports shall be sent to the Village's Q/A Manager as well as to the Engineer.

STATUS OF UTILITIES (D-1)

Effective: June 1, 2016

Utility companies and/or municipal owners located within the construction limits of this project have provided the following information regarding their facilities and the proposed improvements. The tables below contain a description of specific conflicts to be resolved and/or facilities which will require some action on the part of the Department's contractor to proceed with work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

UTILITIES TO BE ADJUSTED: Conflicts noted below have been identified by following the suggested staging plan included in the contract. The company has been notified of all conflicts and will be required to obtain the necessary permits to complete their work; in some instances, resolution will be a function of the construction staging. The responsible agency must relocate, or complete new installations as noted in the action column; this work has been deemed necessary to be complete for the Department's contractor to then work in the stage under which the item has been listed.

STAGE/ LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
N/A	N/A	N/A	N/A	N/A

UTILITIES TO BE WATCHED AND PROTECTED: The areas of concern noted below have been identified by following the suggested staging plan included for the contract. The information provided is not a comprehensive list of all remaining utilities, but those which during coordination were identified as ones which might require the Department's contractor to take into consideration when making the determination of the means and methods that would be required to construct the proposed improvement. In some instances, the contractor will be responsible for notifying the owner in advance of the work to take place so necessary staffing on the owners part can be secured.

STAGE/ LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
Bradley Ln STA 8+72L	Natural Gas	The Contractor is alerted that there is a natural gas line near the proposed storm MH	Nicor	No conflict anticipated
Bradley Ln STA 0+54	Communication, Electric	The Contractor is alerted that there are overhead line crossings perpendicular to the roadway near this location	AT&T, ComEd	No conflict anticipated

Bradley Ln STA 7+51	Communication, Electric	The Contractor is alerted that there are overhead line crossings perpendicular to the roadway near this location	AT&T, ComEd	No conflict anticipated
Bradley Ln STA 12+50	Communication, Electric	The Contractor is alerted that there are overhead line crossings perpendicular to the roadway near this location	AT&T, ComEd	No conflict anticipated
Chelmsford Pl STA 0+74L	Streetlight	The Contractor is alerted that there is a streetlight post near the roadway at this location	Private	Watch and Protect
Chelmsford Pl STA 1+80R	Streetlight	The Contractor is alerted that there is a streetlight post near the roadway at this location	Private	Watch and Protect
Chelmsford Pl STA 3+05R	Streetlight	The Contractor is alerted that there is a streetlight post near the roadway at this location	Private	Watch and Protect
Chelmsford Pl AUX STA 0+00	Streetlight	The Contractor is alerted that there is a streetlight post near the roadway at this location	Private	Watch and Protect
Chelmsford Pl AUX STA 1+62	Streetlight	The Contractor is alerted that there is a streetlight post near the roadway at this location	Private	Watch and Protect

Morton St STA 1+61	Communication, Electric	The Contractor is alerted that there are overhead line crossings perpendicular to the roadway near this location	AT&T, ComEd	No conflict anticipated
Morton St STA 3+07L	Natural Gas	The Contractor is alerted that there is a natural gas line crossing the proposed storm structure 1 at this location	Nicor	Further investigation ongoing
Morton St 8+64L	Natural Gas	The Contractor is alerted that there is a natural gas line near the proposed storm structure 3	Nicor	No conflict anticipated
Morton St STA 11+35	Communication, Electric	The Contractor is alerted that there are overhead line crossings perpendicular to the roadway near this location	AT&T, ComEd	No conflict anticipated
Nogales St STA 0+00	Communication, Electric	The Contractor is alerted that there are overhead line crossings perpendicular to the roadway near this location	AT&T, ComEd	No conflict anticipated
Nogales St STA 0+00	Natural Gas	The Contractor is alerted that there is a natural gas line near the proposed storm sewer network at this location	Nicor	Further investigation ongoing
Nogales St STA 1+32 L	Natural Gas	The Contractor is alerted that there is a natural gas line crossing perpendicular the proposed storm sewer and proposed watermain at this location	Nicor	Further investigation ongoing

Nogales St STA 4+56 L	Natural Gas	The Contractor is alerted that there is a natural gas line crossing perpendicular the proposed watermain at this location	Nicor	Further investigation ongoing
Nogales St STA 8+34	Natural Gas	The Contractor is alerted that there is a natural gas line near the proposed watermain at this location	Nicor	Further investigation ongoing
Wilshire Dr STA 1+45	Natural Gas	The Contractor is alerted that there is a natural gas line crossing perpendicular to the proposed watermain at this location	Nicor	Further investigation ongoing
Wilshire Dr STA 1+56	Streetlight	The Contractor is alerted that there is a streetlight line crossing perpendicular the proposed watermain at this location	VOHE	Watch and Protect
Wilshire Dr STA 5+70 L	Natural Gas	The Contractor is alerted that there is a natural gas line crossing perpendicular to the proposed watermain at this location	Nicor	Further investigation ongoing
Wilshire Dr STA 5+70 L	Streetlight	The Contractor is alerted that there is a streetlight line crossing perpendicular the proposed watermain at this location	VOHE	Watch and Protect
Wilshire Dr STA 6+52	Streetlight	The Contractor is alerted that there is a streetlight line crossing perpendicular the proposed watermain at this location	VOHE	Watch and Protect

Wilshire Dr STA 6+98	Natural Gas	The Contractor is alerted that there is a natural gas line crossing perpendicular to the proposed watermain at this location	Nicor	Further investigation ongoing
Wilshire Dr STA 8+87	Streetlight	The Contractor is alerted that there is a streetlight line crossing perpendicular to the proposed watermain at this location	VOHE	Watch and Protect
Wilshire Dr STA 8+98	Natural Gas	The Contractor is alerted that there is a natural gas line crossing perpendicular to the proposed watermain at this location	Nicor	Further investigation ongoing
Wilshire Dr STA 11+92	Natural Gas	The Contractor is alerted that there is a natural gas line crossing perpendicular to the proposed watermain at this location	Nicor	Further investigation ongoing
Wilshire Dr STA 12+55	Streetlight	The Contractor is alerted that there is a streetlight line crossing perpendicular to the proposed watermain at this location	VOHE	Watch and Protect

The above represents the best information available to the Department and is included for the convenience of the bidder. The applicable portions of Articles 105.07 and 107.31 of the Standard Specifications shall apply.

In accordance with 605 ILCS 5/9-113 of the Illinois Compiled Statutes, utility companies have 90 days to complete the relocation of their facilities after receipt of written notice from the Department. The 90-day written notice will be sent to the utility companies after the following occurs:

- 1) Proposed right of way is clear for contract award.
- 2) Final plans have been sent to and received by the utility company.

- 3) Utility permit is received by the Department and the Department is ready to issue said permit.
- 4) If a permit has not been submitted, a 15 day letter is sent to the utility company notifying them they have 15 days to provide their permit application. After allowing 15 days for submission of the permit the 90 day notice is sent to the utility company.
- 5) Any time within the 90 day relocation period the utility company may request a waiver for additional time to complete their relocation. The Department has 10 days to review and respond to a waiver request.

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

Specific traffic detour plan and signage details and have been prepared for this contract. This work shall include all labor, materials, transportation, handling and incidental work necessary to furnish, install, maintain and remove the detour route, all traffic control devices required as indicated in the plans and as approved by the Engineer.

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, 701301-04, 701311-03, 701501-06, 701601-09, 701701-10, 701801-06, 701901-08, 780001-05

DETAILS:

Traffic Control and Protection for Side Roads, Intersections, and Driveways (TC-10)
District One Typical Pavement Markings (TC-13)

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.

TREE ROOT PRUNING

This work shall consist of root pruning of trees as designated on the plans or as directed in the field by the Engineer. This work shall be done in accordance with Section 201 of the Standard Specifications and as modified herein, and shall be performed prior to any pavement removal on a street.

Root-pruning cuts shall be made parallel to the curb along the street and/or sidewalk and four (4) feet beyond the tree's drip line on each end. All root-pruning cuts shall be made to a depth of eighteen (18) to twenty-four (24) inches. Root pruning shall be placed between twenty-four (24) and thirty (30) inches behind the back of curb or adjacent to the sidewalk.

All root-pruning cuts must be completed before the removal of any concrete adjacent to the tree being pruned. If any root-pruning is not completed before the removal of concrete, the root pruning will not be measured for payment.

All root-pruning cuts shall be completely backfilled immediately as part of this pay item. If any root pruning cuts are not completely backfilled immediately, the root pruning cuts in question will not be measured for payment.

This work shall be paid for at the Contract Unit Price per each for TREE ROOT PRUNING, which price shall include all labor, equipment, and incidentals necessary to complete the work as described above.

TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH

This work shall be performed in accordance with applicable portions of Section 211 of the Standard Specifications.

Any backfill material in the right-of-way must be compactable and shall be approved by the Engineer prior to its use.

All areas shall be backfilled and topsoil shall be placed and fine graded within 10 calendar days but not before 3 calendar days of the completion of the curb and gutter, driveway, and sidewalk. Liquidated Damages of \$1,425 per day will be assessed if the backfilling of the parkway or private property is not completed within the above stated time frame.

The Contractor must make sure the topsoil is properly compacted. Any settlement of the restored areas due to improper placement of the topsoil must be corrected to the satisfaction of the Engineer. Settlement and sod condition will be monitored for up to two (2) years from the completion of the project.

The disturbed areas that are to be restored on the street must be able to obtain positive drainage to the satisfaction of the Engineer. As directed by the Engineer, disturbed areas will require variable depth placement of topsoil between to a maximum depth of 6 inches to finished grade, as directed by the Engineer. If additional areas are damaged or removed beyond the limit as specified by the Engineer, the excess areas removed or damaged shall be restored or repaired at the Contractor's expense. The contractor shall follow the preparation requirements in the specifications.

This work shall be paid for at the Contract Unit Price per square yard for TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH, which price shall include all labor, equipment, materials, clean up, disposal of material, and incidentals required to complete the work described above.

EROSION CONTROL BLANKET WITH SEED, SPECIAL

This work shall be done in accordance with Section 250 and 251.04 of the Standard Specifications, and as modified herein.

Seeding shall be Class 1 Lawn Mixture. This item will be used at locations as directed by the Engineer.

Staples shall meet the ASTM D6400 Biodegradable Standard.

It shall be the responsibility of the Contractor to guarantee uniform growth of the seeded areas. 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 limits of EROSION CONTROL BLANKET WITH SEED, SPECIAL shall be determined by the Engineer in the field. Any restoration required outside this limit shall be done at the Contractor's expense.

This work shall be paid for at the Contract Unit Price per square yard for EROSION CONTROL BLANKET WITH SEED, SPECIAL which price shall include all labor, equipment, materials and incidentals required to complete the work described above.

SODDING, SPECIAL

This work shall consist of excavation and removal of material to finished grade, preparing the ground surface, starter fertilizer, placement of sod, and watering as designated in the plans or as directed in the field by the Engineer. All work shall be in accordance with the applicable portions of Sections 211, 212, and 252 of the Standard Specifications.

The removal of any temporary erosion control measures shall be considered included in the cost of this pay item.

Before the placement of sod, areas shall be prepped for and additionally fine graded. Prepping of the surface will include removal of weeds, temporary seeding, or temporary erosion control blanket. The maintenance of weeds and temporary erosion control measures shall be the responsibility of the contractor until final acceptance of sod. Any additional topsoil that may be required prior to sod placement shall also be the responsibility of the contractor and included in the cost of TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH. No additional payment will be allowed for this work.

Undisturbed areas that are required to be graded and sodded shall not be graded or prepped for sod until sod installation can be completed within 14 calendar days, unless otherwise noted by the Engineer.

Watering shall be completed to ensure the life of the new sod or as directed by the Engineer, in accordance with Article 252.08 and 252.09 of the Standard Specifications except that supplemental watering shall not be measured for payment but shall be included in this item. The Contractor is responsible for the condition of the sod during the construction period of the project until accepted by the Village. The sod will be considered accepted by the Village when the sod is alive, in healthy condition, knitted to the topsoil, and in an acceptable overall condition to the satisfaction of the Engineer.

The limits of SODDING, SPECIAL shall be determined by the Engineer in the field. Any restoration required outside this limit shall be done at the Contractor's expense.

This work shall be paid for at the Contract Unit Price per square yard for SODDING, SPECIAL which price shall include all labor, removals, trimming, shaping, compacting, rolling, equipment,

materials, fertilizer, sod guarantee and incidentals necessary to complete these items as described above.

RETAINING WALL REMOVAL

This work shall consist of furnishing all labor, materials, and equipment necessary for the removal and disposal of the existing retaining wall system as shown in the plans and where directed by the Engineer. This work shall be according to the requirements of Section 501 of the Standard Specifications, as specified herein.

Removal of the retaining wall system shall be according to Article 501.05(d).

Method of Measurement. This work will be measured for payment in units of square feet of retaining wall that is removed.

Basis of Payment. This work will be paid for at the contract unit price per square foot for RETAINING WALL REMOVAL.

BITUMINOUS MATERIALS – TRACKLESS TACK COAT

The placement of the BITUMINOUS MATERIALS – TRACKLESS TACK COAT shall follow the guidelines described within the Standard Specification for Road and Bridge Construction with the following additions and modifications.

Replace the table in 406.02 with:

Type of Construction	Bituminous Materials
Tack Coat on Brick, Concrete, or HMA Bases	NTEA or Engineer Approved Alternative

Shields, covers, or other suitable equipment shall be provided by the Contractor to protect the motoring public, adjoining pavement, curbs, or structures during the application of tack coat. The use of successive applications is acceptable to meet the required application rate. Subsequent coats can only be applied once the Engineer or representative of the Engineer has been satisfied that the previous coat has properly cured.

The placement of the Tack Coat shall be placed upon the roadways only after the roadway has been properly cleaned and approved for the placement of the Prime Coat.

Twenty-four hours prior to priming, FRESH OIL signs shall be installed in advance of the area to be primed and at the adjacent streets or parking lots and NO PARKING signs shall be placed

throughout the area to be primed. The NO PARKING signs shall be placed on Type 1 barricades. Signs shall not be placed on parkway trees. These signs shall be maintained until the prime coat is adequately cured. The cost of this work shall be included in TRAFFIC CONTROL AND PROTECTION.

This work shall include all labor, materials, and equipment necessary to place a bituminous tack coat as shown in the plans, or directed by the Engineer, in accordance with the requirements of Sections 406 and 1032 of the "Standard Specifications".

This work will be paid for at the contract unit price per pound of residual asphalt for BITUMINOUS MATERIALS – TRACKLESS TACK COAT which price shall be payment in full for all labor, materials, and equipment necessary to complete this item.

HOT-MIX ASPHALT DRIVEWAY PAVEMENT

Hot-mix asphalt driveways shall be constructed in accordance with the applicable portions of Section 406 of the Standard Specifications and the details shown in the plans.

All soft and yielding spots or other unsuitable material in the subgrade shall be removed and replaced with suitable material and the sub grade shall be tamped or rolled until thoroughly compacted, as directed by the Engineer. Any necessary excavation of the subgrade shall meet the requirements of and shall be paid for separately as REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS. Backfill material required shall meet the requirements of and shall be paid for separately as AGGREGATE SUBGRADE IMPROVEMENT.

The saw cutting on the existing bituminous apron shall not be paid for separately, but shall be considered incidental to this pay item.

HMA driveway pavement construction shall consist of 3-inch HMA Surface placed on approved subgrade. HMA materials shall be in accordance with the HMA mixture chart in the Plans.

This work will be paid for at the Contract Unit Price per square yard for HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" which price shall include all labor, equipment, materials, clean up, disposal of material, and incidentals required to complete the work described.

PORLAND CEMENT CONCRETE DRIVEWAY PAVEMENT

This work shall be done in accordance with Section 423 of the Standard Specifications and as modified herein at locations shown on the Plans or designated by the Engineer in the field.

Any necessary excavation required to bring the sub grade to proper elevation shall be considered incidental to this pay item.

All soft and yielding spots or other unsuitable material in the sub grade shall be removed and replaced with suitable material and the sub grade shall be tamped or rolled until thoroughly compacted, as directed by the Engineer. The undercut shall meet the requirements of and shall be paid for separately as REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. Backfill material required shall meet the requirements of and shall be paid for separately as AGGREGATE SUBGRADE IMPROVEMENT.

Driveway pavement construction shall consist of Portland Cement Concrete (OF THICKNESS SPECIFIED), with synthetic fibers along with 4 inches of compacted CA-6, crushed stone base placed on approved sub grade. The stone shall meet the requirements of AGGREGATE SUBGRADE IMPROVEMENT. The saw cutting on the existing concrete aprons shall not be paid for separately, but shall be considered incidental to the contract.

Furnishing, placing, and compacting the stone base shall be considered incidental to this pay item. The Contractor may incorporate material used under the pay item AGGREGATE FOR TEMPORARY ACCESS in the construction of the driveway stone base. Any additional aggregate needed to bring the base to the proper depth shall be considered incidental to this pay item.

All formwork must be approved by the Engineer prior to completing work. All concrete forms shall be sized properly to cover the entirety of the slab thickness.

The Contractor shall be available to complete private concrete work in the right-of-way. This would consist of driveway aprons or sidewalk at the cost and request of private property owners.

This work shall be paid for at the Contract Unit Price per square yard for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, (OF THICKNESS SPECIFIED), which price shall include all labor, equipment, materials and incidentals to complete the work described above.

PORLAND CEMENT CONCRETE SIDEWALK, 5 INCH

This work shall consist of constructing a Portland Cement Concrete Sidewalk on a prepared sub grade in accordance with Section 424 of the Standard Specifications at locations shown on the plans or designated by the Engineer in the field.

Any necessary excavation required to bring the sub grade to proper elevation shall NOT be paid for separately and shall be considered included in the cost of this pay item.

All soft and yielding spots or other unsuitable material in the sub grade shall be removed and replaced with suitable material and the sub grade shall be tamped or rolled until thoroughly compacted, as directed by the Engineer. Any necessary excavation of the sub grade shall meet the requirements of and shall be paid for separately as REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS. Backfill material required shall meet the requirements of and shall be paid for separately as AGGREGATE SUBGRADE IMPROVEMENT.

Sidewalk construction shall consist of 5 inch thick Portland Cement Concrete with 4 inches of compacted CA-6, crushed stone placed on approved sub grade. The stone shall meet the requirements of AGGREGATE SUBGRADE IMPROVEMENT, and shall be considered included in the cost of this pay item. Concrete sidewalks marked for replacement within driveway areas shall be installed 6 inches thick. The saw cutting on the existing concrete sidewalks shall not be paid for separately, but shall be considered included in the cost of this pay item.

All formwork must be approved by the Engineer prior to completing work. All concrete forms shall be sized properly to cover the entirety of the slab thickness. Also, the formwork must be installed in a manner to allow for the Engineer to properly determine sidewalk cross slope.

At all sidewalk ramps for the handicapped, work shall be completed in accordance with Project Details and Standards 424001, 424016, 424021, and 424026.

This work shall be paid for at the Contract Unit Price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH which price shall include all labor, equipment, materials and incidentals necessary to complete this item described above.

PORLAND CEMENT CONCRETE STEPS REMOVE AND REPLACE, SPECIAL

This work shall consist of the removal and replacement of concrete steps in accordance to the 2021 International Residential Code R311.7 Stairways as well as the applicable portions of Section 424 of the Standard Specifications at locations shown on the plans or designated by the Engineer in the field.

Any necessary excavation required to bring the sub grade to proper elevation shall NOT be paid for separately and shall be considered included in the cost of this pay item.

All soft and yielding spots or other unsuitable material in the sub grade shall be removed and replaced with suitable material and the sub grade shall be tamped or rolled until thoroughly compacted, as directed by the Engineer. Any necessary excavation of the sub grade shall meet the requirements of and shall be paid for separately as REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS. Backfill material required shall meet the requirements of and shall be paid for separately as AGGREGATE SUBGRADE IMPROVEMENT.

Portland Cement Concrete Step construction shall match existing concrete thickness with 4 inches of compacted CA-6, crushed stone placed on approved sub grade. The stone shall meet the

requirements of AGGREGATE SUBGRADE IMPROVEMENT, and shall be considered included in the cost of this pay item. The saw cutting on the existing concrete steps shall not be paid for separately, but shall be considered included in the cost of this pay item.

All formwork must be approved by the Engineer prior to completing work. All concrete forms shall be sized properly to cover the entirety of the step thickness.

This work shall be paid for as the Contract Unit Price per square foot for PORTLAND CEMENT CONCRETE STEPS REMOVE AND REPLACE, SPECIAL which price shall include all labor, equipment, pinning, materials, and incidentals necessary to complete this item described above.

DETECTABLE WARNINGS, SPECIAL

This work shall consist of the installation of detectable warnings at pedestrian crossings as directed by the Engineer. This work shall be done in accordance with the applicable portions of Section 424 of the standard Specifications.

For 4 foot wide sidewalk, the detectable warning shall be:

ADA Solutions 2448PAV in BRICK RED color or

ADA Solutions 2448REP in BRICK RED color or

Armor Tile ADA-C-2448W in Colonial Red or approved equivalent.

For 5 foot wide sidewalk, the detectable warning shall be:

ADA Solutions 2460PAV in BRICK RED color or

ADA Solutions 2460REP in BRICK RED color or

Armor Tile ADA-C-2460W in Colonial Red or approved equivalent.

If radial panels are required between 6 foot radius and 21 foot radius, the detectable warning shall be:

ADA Solutions 24RADREP in BRICK RED color or approved equivalent.

This work shall be paid for at the Contract Unit Price per square foot for DETECTABLE WARNINGS, SPECIAL which price shall include all labor, equipment, materials and incidentals required to complete the work described above.

VARIABLE DEPTH GRINDING (0 INCH TO 3 INCH)

This work shall be performed in accordance with applicable portions of Section 440 of the Standard Specifications.

The street is to be milled in order to allow the proposed bituminous overlay to meet the existing edge of pavement features (curb & gutter or landscaping). As directed by the Engineer, streets

may be profiled by variable depth grinding to remove rutting and provide a level surface for the proposed overlay. If additional surface is damaged or removed beyond the limit as specified by the Engineer, the surface asphalt removed or damaged shall be restored or repaired at the Contractor's expense. The contractor shall follow the butt joint detail in the specifications. This shall be considered incidental to this pay item.

This work shall be paid for at the Contract Unit Price per square yard for VARIABLE DEPTH GRINDING (0 INCH TO 3 INCH), which price shall include all labor, equipment, materials, clean up, disposal of material, and incidentals required to complete the work described above.

CLASS D PATCH, SPECIAL

This work consists of removal and replacement of the existing pavement in accordance with the applicable portions of Section 442 of the Standard Specifications and as modified herein.

An estimated quantity is included in these specifications; the Engineer in the field will determine actual limits of removal and replacement.

The Contractor shall saw cut a clean joint between the portion of pavement to be removed and that to be left in place. This is to prevent damage to the remaining surface when the pavement is broken out and the saw cutting shall be considered incidental to this pay item. The patching shall consist of removal and disposal of all pavement materials including, but not limited to, hot-mix asphalt, sub-base, and stone, to the specified depth. The area to be patched shall then be leveled and compacted. The patch shall be completed using the appropriate mix type as referenced on the Hot-Mix Asphalt Mixture Requirement chart.

This work shall be paid for at the Contract Unit Price per square yard for CLASS D PATCH, SPECIAL, (OF THICKNESS SPECIFIED) which price shall include all labor, equipment, materials and incidentals required to complete the work described above.

CONCRETE COLLAR, SPECIAL

This work shall be performed in accordance with the applicable portions of Section 542 of the Standard Specifications and as modified herein.

All materials, labor, and equipment necessary to constructing a cast-in-place concrete collar shall be considered included in the price of this item. This work shall be paid for at the Contract Unit Price per each for CONCRETE COLLAR, SPECIAL.

STORM SEWERS, SOLID PVC PIPE

This work shall consist of furnishing and installing PVC pipe storm sewers in trench, of the diameter specified, at locations shown on the plans or as directed by the Engineer. The work shall be performed in accordance with Section 550 of the Standard Specifications except as modified herein.

The pipe material shall meet the requirements of ASTM D-3034 SDR 26, push-type joint. The pipe joints shall conform to ASTM D-3212 and F-477 for PVC pipe.

The work will be paid at the contract unit price per foot for STORM SEWERS, SOLID PVC PIPE, (OF SIZE SPECIFIED) which price shall include all labor, equipment, materials and incidentals to complete the work described above

STORM SEWERS, WATER MAIN QUALITY PIPE

This work consists of constructing storm sewer adjacent to or crossing a water main, at the locations shown on the plans. The material and installation requirements shall be according to the latest edition of the "Standard Specifications for Water and Sewer Main Construction in Illinois", and the applicable portions of Section 550 of the Standard Specifications; which may include concrete collars and encasing pipe with seals if required.

Pipe materials shall meet the requirements of Sections 40 and 41-2.01 of the "Standard Specifications for Water and Sewer Main Construction in Illinois". Where water main quality PVC pipe is specified in the plans, it shall be PVC AWWA C900 pipe and have a minimum pressure rating of 200 psi. Joints shall conform to ASTM D-3139.

Where no pipe material is specified, the contractor may select the material to be approved by the Engineer. Ductile-Iron pipe shall meet the minimum requirements for Thickness Class 50.

Encasing of standard type storm sewer, according to the details for "Water and Sewer Separation Requirements (Vertical Separation)" in the "STANDARD DRAWINGS" Division of the "Standard Specifications for Water and Sewer Main Construction in Illinois", may be used for storm sewers crossing water mains.

This work will be paid according to Article 550.10 of the Standard Specifications, except the pay item shall be at the contract unit price per foot for STORM SEWERS, WATER MAIN QUALITY PIPE, (OF SIZE SPECIFIED) which price shall include all labor, equipment, materials and incidentals to complete the work described above.

POST CONSTRUCTION TELEVISING

The work shall consist of the completing of post construction televising of all newly installed storm sewer and sanitary sewer. The televising shall be provided to the Engineer to review on an acceptable electronic format. Footage shall be catalogued from manhole to manhole.

This work shall be paid for at the Contract Unit Price per foot for POST CONSTRUCTION TELEVISING which price shall include all labor, materials, equipment, and incidentals necessary to complete the work as described above.

DIRECT CONNECTION TO STORM SEWER, SPECIAL

This work shall include all items of work and materials necessary for the installation of a KOR-N-TEE or INSERTA TEE sewer connector as directed by the Engineer in the field. The storm sewer connection shall follow the detail in the Plans.

This work shall be paid for at the Contract Unit Price per each for DIRECT CONNECTION TO STORM SEWER, SPECIAL which price shall include all labor, equipment, materials and incidentals required to complete the work described above.

WATER MAIN

Description. The Contractor shall furnish and install the proposed water main of the diameter specified at the locations shown on the plans or as directed by the Engineer. The water main shall include excavation, granular bedding, installation of the water main and fittings, testing and chlorination of the water main, backfill and compaction of the trench and all incidental items required for a complete and operational water main.

Before construction can begin, an approved IEPA permit must be received by the Village of Hoffman Estates.

Water main pipe shall be ductile iron pipe conforming to ANSI A21.51 or AWWA C151 within a minimum thickness of Class 52. All pipe shall have a minimum laying length of 18 feet. Pipe joints shall be push-on joints or mechanical joints conforming to AWWA C-111 (ANSI 21.11). All ductile iron pipe shall be cement-mortar lined in accordance with AWWA C-104 (ANSI A21.4). The exterior of ductile iron pipe shall be coated with a layer of arc-sprayed zinc per ISO 8179. The mass of the zinc applied shall be 200 g/m² of pipe surface area. A finishing layer topcoat shall be applied to the zinc. The coating system shall conform in every respect to ISO 8179-1 “Ductile iron pipes – External zinc-based coating – Part 1: Metallic zinc with finishing layer (ISO 2004).”

Water mains and appurtenances shall be installed in conformance with AWWA C-600, the material manufacturer's recommendations, the Standard Specifications for Water and Sewer Main Construction in Illinois and these requirements. In case of conflicts between the specifications, the more stringent specification shall apply.

Excavation and backfill for water mains shall conform to the Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition.

Unless otherwise shown on the plans or indicated in the special provisions, all pipe shall be laid to a minimum depth of six (6) feet and a maximum of eight (8) feet as measured from the proposed ground surface or established grade to the top of the barrel of the pipe.

Sheeting and bracing shall be placed in the ditch, as may be necessary, for the safety of the work and public, for protection of the workers, adjacent properties, or structures and for the proper installation of the work. Sheeting and/or bracing shall be progressively removed as the backfill is placed in such a manner as to prevent the caving in of the sides of the trench or excavation, and to prevent damage to the work.

The trench, unless otherwise specified, shall have a flat bottom conforming to the proposed grade to which the pipe is laid. The pipe shall be laid on four inches of CA-7 washed gravel placed on sound soil cut true and even so that the barrel of the pipe will have a bearing for its full length. Bell holes shall be excavated for joints. Any part of the trench excavated below grade shall be replaced with material approved by the Engineer and thoroughly compacted. Where a firm foundation is not found to exist for the bottom of the trench at the required depth, due to soft, spongy or other unsuitable soil, such unsuitable soil shall be removed for the full width of the trench and replaced with well compacted unwashed gravel or an equal substitute thereof, or crushed stone if such compacted material proved unsatisfactory. The cost of this work shall not be paid for separately, but shall be included in the pay item WATER MAIN (OF SIZE SPECIFIED)

The pipe shall then be covered with 4" of CA-7 washed gravel. All bedding and granular backfill to 4" over the main shall be included in the cost of WATER MAIN (OF SIZE SPECIFIED).

Trench backfill shall be required in all locations where the water main trench is under or within two feet (2') of existing or proposed pavements including, but not limited to curb and gutter streets, sidewalks, and driveways. The trench backfill shall be CA-7 washed gravel and shall be mechanically compacted to not less than 95% of the standard laboratory density. This work shall be paid for separately as TRENCH BACKFILL.

Where water is encountered in the trench, it shall be removed during pipe laying and jointing operations. Trench water shall not be allowed to enter the pipe at any time.

Long radius curves, either horizontal or vertical, may be laid with standard pipe by deflections at the joints. Maximum deflections at the pipe joints and laying radius for various pipe lengths are as found in the following standards:

- Ductile Cast Iron Pipe Mechanical Joints AWWA C600
- Ductile Iron Pipe Push-On Joints AWWA C60
- When rubber gasketed pipe is laid on a curve, the pipe shall be jointed in a straight alignment and then moved into position. Trenches shall be made wider on curves for this purpose.

Separation from sewers shall conform to Sections 41-2.01B through 41-2.01D of the "Standard Specifications for Water and Sewer Main Construction in Illinois," latest edition.

All valves shall be attached to the water main with a flange connector to facilitate removal of the valve.

A polyethylene wrapping will be required.

Tracer wire (12 gauge copper) with blue insulation shall be installed on the water main continuous run length from valve to valve with accessible termination points at all valves and fire hydrants.

Fittings

Water main work includes furnishing and installing all tees, wyes, crosses, bends, plugs and reducers necessary to complete the water main installation as shown on the plans. It shall be done in accordance with the applicable portions of Section 40 and 41 of the Water and Sewer Specifications, the Village's Standard Details, and the following.

Fittings shall be ductile iron meeting requirements of AWWA specification C-153 (ANSI 21.53). Fittings shall be cement-lined in accordance with AWWA C-104 (ANSI A21.4). All mechanical joint type fitting shall include bolts made of stainless steel.

Material Testing

Pressure Test. The contractor shall pressure test the water main pipeline at all valved sections. The Engineer shall be notified of the time of the test a minimum of twenty-four (24) hours prior to the test. Pressure testing the pipeline using compressed air will not be allowed. The test shall be made by closing valves or by tied end caps and/or plugs and filling the pipe slowly with water.

The test shall consist of holding a minimum hydrostatic pressure on the pipe of 150 pounds per square inch for a period of two hours based at the lowest elevation of the test section. A two-pound test gauge with a minimum capacity of 160 pounds will be required. It is recommended that the initial pressure be 3 to 5 psi above the minimum required pressure due to possible air in the line. The test shall begin and end at the same pressure. The water necessary to bring to initial pressure shall be measured by a means satisfactory to the Engineer. The leakage shall

be considered the amount of water entering the pipeline during the test period. The total allowable leakage shall meet the requirements of AWWA C600-82.

Any defective pipe, fittings, valves, or hydrants shall be replaced with new sections. All fire hydrant auxiliary valves shall be open throughout the test in the test section. At the conclusion of the test, a fire hydrant shall be opened to verify that both the pressure drops on the pressure gauge, and that the fire hydrant auxiliary valves are open. The contractor shall provide all of the equipment necessary for the testing.

All testing shall be done prior to the installation of service lines. Suitable means shall be provided for determining the quantity of water lost by leakage under the specified test pressure.

ALLOWABLE LEAKAGE PER 1000 FT OF PIPELINE TABLE* - gph

Avg. Test Pressure psi	Nominal Pipe Diameter – in.												
	6	8	10	12	14	16	18	20	24	30	36	42	48
250	0.71	0.95	1.19	1.42	1.66	1.90	2.14	2.37	2.85	3.56	4.27	4.99	5.70
225	0.68	0.90	1.13	1.35	1.58	1.80	2.03	2.25	2.70	3.38	4.05	4.73	5.41
200	0.64	0.85	1.06	1.28	1.48	1.70	1.91	2.12	2.55	3.19	3.82	4.46	5.09
175	0.59	0.80	0.99	1.19	1.39	1.59	1.79	1.98	2.38	2.98	3.58	4.17	4.77
150	0.55	0.74	0.92	1.10	1.29	1.47	1.66	1.84	2.21	2.76	3.31	3.86	4.41
125	0.50	0.67	0.84	1.01	1.18	1.34	1.51	1.68	2.01	2.52	3.02	3.53	4.03
100	0.45	0.60	0.75	0.90	1.05	1.20	1.35	1.50	1.80	2.25	2.70	3.15	3.60

* For pipe with 18-ft nominal lengths. To obtain the recommended allowable leakage for pipe with 20-ft nominal lengths, multiply the leakage calculated from the table by 0.9. If the pipeline under test contains sections of various lengths, the allowable leakage will be the sum of the computed leakage for each size.

Allowable leakage shall not be greater than that computed as follows:

$$\text{Footage X Allowable Leakage X 2 hours} = \text{Gallon X}128 \text{ oz/gal} = \text{Total Allowable Leakage in oz 1000 ft}$$

Leakage is defined as the quantity of water required to be supplied to the newly laid pipe necessary to maintain the 150 pound test pressure.

All pressure tests shall be done in the presence of the Engineer.

When deemed impractical by the Engineer to test the new water main installations between existing valves, a static pressure test using system pressure shall be applied from existing valve to existing valve for 24 hours. Excavations will be kept open and barricaded to observe any leakage.

Preliminary Flushing

Prior to chlorination, the water main shall be flushed as thoroughly as possible with the water pressure and outlets available. Flushing shall be done after the pressure test is made. It must be understood that such flushing removes only the lighter solids and cannot be relied upon to remove heavy material allowed to get into the main during pipe installation. If no hydrant is installed at the end of the main, a tap should be provided large enough to effect a velocity in the main of at least 2.5 feet per second.

Disinfection

The point of application of the chlorinating agent shall be at the beginning of the pipeline extension or any valved section of it and through a corporation stop in the top of the newly laid pipe. The injector for delivering the chlorine-gas into the pipe should be supplied from a tap on the pressure side of the gate valve controlling the flow into the pipeline extension.

Water from the existing distribution system or other source of supply shall be controlled so as to flow slowly into the newly laid pipeline during the application of chlorine-gas. The rate of chlorine mixture flow shall be in such proportion to the rate of water entering the pipe that the chlorine applied to the water entering the newly laid pipe shall be at least 50 ppm, or enough to meet the requirements during the retention period. This may require as much as 100 ppm of chlorine in the water left in the line after chlorination.

Valves shall be manipulated so that the strong chlorine solution in the line being treated will not flow back into the existing line supplying water.

Treated water shall be retained in the pipe long enough to destroy all spore-forming bacteria. This retention period shall be at least twenty-four (24) hours. After the chlorine-treated water has been retained for the required time, and after proper flushing, the chlorine residual at the pipe extremities and at other representative points should be at least 1.0 ppm.

In the process of chlorinating newly laid pipe, all valves or other appurtenances shall be operated while the pipeline is filled with a chlorinating agent. Dechlorination may be required before discharging highly chlorinated water into the storm sewer.

All water mains shall be disinfected and tested according to the requirements of the "Standards for Disinfecting Water Mains," AWWA C651-86, and shall be performed by an independent firm exhibiting experience in the methods and techniques of this operation, and shall be done in the presence of the Engineer. The Engineer shall be notified of the time of disinfection a minimum of twenty-four (24) hours prior to the disinfection.

Final Flushing and Testing

Chlorinated water will be flushed from all terminations prior to sampling. Bacteriological samples shall be taken at each connection to the existing water main. In accordance with Section 7.1 of the AWWA Standard "at least one sample shall be collected from the new main and one from each branch. In case of extremely long mains it is desirable that samples be collected along the length of the line as well as at its end." The maximum distance allowed between samples in any situation shall be 1000 feet. All branch connections 3" in diameter or larger, greater than or equal to 20 feet in length including building services, are to be considered branches for application of this rule. Samples should never be taken from an unsterilized hose or from a fire hydrant, because such samples seldom meet current bacteriological standards.

Samples shall be taken by the firm performing the disinfection of the main and in the presence of the Engineer. Samples shall be transported iced from the construction site to the IEPA approved laboratory. The laboratory shall be instructed to notify the Engineer of all unsatisfactory results. Two successive satisfactory samples are required. Successive samples shall be taken at least 24 hours apart.

Method of Measurement. Water main (OF SIZE SPECIFIED) will be measured per foot in place. Water mains shall be measured along the center line of the water main from the center of the valve to the center of the valve, fittings, or end of the pipe.

Basis of Payment. Payment for water main shall be made at the contract unit price per foot for WATER MAIN (OF SIZE SPECIFIED). Payment shall be full compensation for excavation, removal of existing water main in conflict with the proposed water main, polyethylene wrapping, tracer wire, cathodic protection, capping existing tees, bedding, installation of water main, dry connection to existing watermain, backfill, thrust blocking, jetting, pressure testing, chlorination, and all labor, materials, equipment and incidentals as shown on the plans and as specified herein to construct a complete and operational water main except as noted below. Fittings shall not be paid for separately but shall be included in the cost of WATER MAIN (OF SIZE SPECIFIED)

Payment for Trench Backfill shall be made at the contract unit price bid per cubic yard for TRENCH BACKFILL.

FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX

This item shall consist of furnishing fire hydrants with auxiliary valves and valve boxes and installing them at the locations shown on the plans and in accordance with the Standard Specifications for Water and Sewer Main Construction in Illinois, and the Special Provisions below.

Fire Hydrants:

- a. Fire hydrants shall be dry barrel type with breakaway type flange and auxiliary gate valves and shall conform to AWWA C-502.

- b. Hydrants shall have two (2), two and one-half inch (2½") hose nozzles and one (1), four and one-half (4½") National standard pumper nozzle. Hose threads shall be the standard NSHT.
- c. Hydrants shall have a main valve opening of five and one-quarter inches (5¼") with a 6" auxiliary valve with mechanical joints. The auxiliary valve shall have a two-piece valve box and plastic valve box stabilizer.
- d. Hydrants shall be painted red.
- e. Hydrants shall be Mueller A-423. Other hydrants may be allowed upon review and approval of the Engineering Director.
- f. Hydrant lead - Pipe material and trench backfill requirements shall match those listed in the special provision for "WATER MAIN".
- g. Hydrants shall have a Cobra Hydrant Flange Package – Blue T2-*-FLPKG

Valves:

- a. All valves shall be iron body, resilient seated, bronze mounted, nonrising stem gate valves conforming to AWWA C-500. Valves shall be Mueller A-2360 with stainless trim. Other valves may be allowed upon review and approval of the Engineering Director.
- b. Valves shall have a plastic valve box stabilizer (Lincoln Cap) and a "Grips Brand" valve box stabilizer connected to the hydrant.

Each hydrant shall be set on a concrete thrust block not less than 8 inches by 8 inches by 16 inches in thickness. Within the disturbed area, CA-7 gravel shall be placed 3 foot above the weep hole with a geofabric placed on top of the gravel to prevent fines from the soil backfill from clogging the drain field.

All hydrants shall be set plumb and shall have their nozzles parallel with edge of pavement, the steamer connection shall be facing the edge of pavement. All hydrant leads between the tee and the hydrant shall be a positively restrained connection.

The bowl of each hydrant shall be well braced against undisturbed earth at the end of trench with stone slabs or concrete backing.

Fire hydrant extensions shall only be used with the approval of the Engineer. Should fire hydrant extensions be required due to improper construction methods by the Contractor, the extensions will be installed but will not be measured for payment.

Auxiliary valves shall be installed in the vertical position, supported on a concrete pedestal. It shall be the Contractor's responsibility to assure that the finished elevation of the box is flush with the adjacent proposed ground line. Valve box installation shall meet the requirements of Section 44 of the Standard Specifications for Water and Sewer Main Construction in Illinois.

All excavation around the fire hydrant and auxiliary valve shall be backfilled to the natural line or finished grade as rapidly as possible. The backfill material shall consist of CA-7 or trench backfill as herein specified. All backfill material shall be deposited in the excavation in a manner that will not cause damage to the fire hydrant or auxiliary valve. Any depressions which may develop within the area involved in a construction operation due to settlement of backfill material shall be filled in a manner consistent with standard practice.

All new pipe shall be swabbed with a chlorine solution prior to installation.

This work will be paid for at the contract unit price per each for FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX which payment will include and furnishing all materials, labor, equipment, tools, thrust block, fittings, all appurtenances, and backfilling necessary to complete the Work as specified.

FIRE HYDRANT REMOVAL

This item shall consist of removal of the existing fire hydrant and all associated fittings and valves. All items removed under this item are to be fully intact and stored on site at a location determined by the Engineer to be removed from the worksite by the Village's Public Works Department.

The void created by the fire hydrant removal shall be filled with fine aggregate in accordance with Article 1003.04 to six inches below finished grade. The trench backfill shall be properly consolidated to avoid settlement. Trench backfill shall not be paid for separately and shall be included in the cost of the item.

The placement of topsoil for the remaining amount to meet finished grade will be paid for at the contract unit price per square yard for TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH.

This work will be paid for at the contract unit price per each for FIRE HYDRANT REMOVAL which shall include the work described above.

WATER SERVICE CONNECTION

This work shall conform to detail "Service Connection Detail" and shall consist of existing water service replacement with a $\frac{3}{4}$ " or $1\frac{1}{2}$ " water service by locating and disconnecting the existing water service from the water main and connection of $\frac{3}{4}$ " or $1\frac{1}{2}$ " water service to the newly installed water main. This work shall also include the removal and replacement of sidewalks, curbs, and pavement as needed to make the connection where not shown for restoration on the plans. The Village's Public Water Department will field locate existing B-boxes upon request. The Contractor's Work shall include installation of water service lines of copper pipe, Type "K"

conforming to ASTM B88, B251 and providing saddle tapping in water main using a drilling machine for water main pipe.

Service connection to the water main shall be with a Mueller double strap bronze service clamp and a corporation stop Mueller H-15020 or approved equal. Direct taps to the water main must be approved by the Director of Engineering. Each service shall have a curb stop Mueller B25154N and a curb box Mueller H-10310 or approved equal. B-boxes shall not be allowed in paved areas including streets, sidewalks, driveways, etc.

Water service lines shall have a minimum cover of five feet (5'). Copper service lines shall be one continuous length of pipe from the water main to the B-box. Curb stops and curb boxes shall be located in public rights-of-way. Such curb stops and boxes shall not be located in any paved areas unless approved by the Engineering Director.

Water service lines may be installed via open trench or directionally drilled unless specifically stated by the Engineer.

The horizontal and vertical separation between water service lines and all storm sewers, sanitary sewers, combined sewer or any drain or sewer service connection shall be the same as water main separation previously described. Water pipe previously described shall be used for sewer service lines when minimum horizontal and vertical separation cannot be maintained.

All services disrupted by the construction process shall have a maximum 2 hour outage and must be returned to service by the end of the day of disruption. Any temporary items or labor necessary to comply shall be included in the cost of the associated construction.

Trench backfill to follow village detail.

In some cases, where obstructions (trees, driveway, retaining wall, etc.) exist, the new water service pipe routing may be different than the existing (to be abandoned) water service. The Engineer together with the Contractor will field establish the water service routing to the existing B-box to minimize parkway damage. All items addressed, including any water service removal or an additional water service length (due to a different new water service routing) shall be considered included in the contract unit price. Compacted coarse aggregate trench backfill (CA 7, crushed) of all trenches under pavement shall extend up to pavement subgrade. The cost of adjusting buffalo boxes to the finished grade shall be considered included in the cost of this pay item.

This work shall be paid for at the Contract Unit Price per foot for COPPER WATER SERVICE (TYPE K) (OF SIZE SPECIFIED). This item price shall include excavation, directional drilling, shoring, dewatering, disposal of materials, tapping, saddle, corporation stop, curb valve, buffalo box, couplings and connections to curb valve, necessary length of copper pipe, joint materials, any required final curb box adjustment to finished elevations, testing, disinfection, removal and replacement of water service lateral from the corporation stop to the splice or curb valve as appropriate, backfilling including aggregate trench backfill material for a complete water service operational installation, restoration with topsoil and sod or pavements for restoration areas outside

the limits of those identified on the plans or specified herein, resident notifications, and all work necessary to complete the work.

GATE VALVE 8" WITH VAULT, 4' DIAMETER

This work shall consist of furnishing and installing a water valve in vault at the locations specified on the plans and in accordance with the "Valve Vault Detail".

Water Valves

All valves shall be iron body, resilient seated, bronze mounted, nonrising stem gate valves conforming to AWWA C500 requirements, and shall be installed per the requirements of Section 42 of the Standard Specifications for Water and Sewer Main Construction in Illinois. Valves shall be Mueller A-2360 with stainless trim or approved equal.

Valve Vault

This work includes furnishing and installing a valve vault at locations shown on the Plans and as directed by the Engineer in accordance with Section 602 of the Standard Specifications.

Valve vaults shall consist of precast reinforced concrete sections meeting ASTM C-478 and ASTM C-443 standards, and shall conform to the Village detail titled "Valve Vault Detail" included in the plans. Adjusting rings shall be precast concrete rings. The total number of adjusting rings shall not exceed two for a maximum height of 12 inches. Flexible boots, meeting ASTM C-923, are required at all pipe openings. When placed within concrete pavement, the structure shall be boxed out with $\frac{3}{4}$ " expansion material. Tracer wire shall be attached to the vault via a stainless steel strap as shown in the "Valve Vault Detail".

The connection to existing watermain, and all related fittings and couplings, is included in the valve vault item.

This work will be paid for at the contract unit price per each for GATE VALVE 8" WITH VAULT, 4' DIAMETER which shall include the work described above.

GATE VALVE 10" WITH VAULT, 5' DIAMETER

This work shall consist of furnishing and installing a water valve in vault at the locations specified on the plans and in accordance with the "Valve Vault Detail".

Water Valves

All valves shall be iron body, resilient seated, bronze mounted, nonrising stem gate valves conforming to AWWA C500 requirements, and shall be installed per the requirements of Section 42 of the Standard Specifications for Water and Sewer Main Construction in Illinois. Valves shall be Mueller A-2360 with stainless trim or approved equal.

Valve Vault

This work includes furnishing and installing a valve vault at locations shown on the Plans and as directed by the Engineer in accordance with Section 602 of the Standard Specifications.

Valve vaults shall consist of precast reinforced concrete sections meeting ASTM C-478 and ASTM C-443 standards, and shall conform to the Village detail titled "Valve Vault Detail" included in the plans. Adjusting rings shall be precast concrete rings. The total number of adjusting rings shall not exceed two for a maximum height of 12 inches. Flexible boots, meeting ASTM C-923, are required at all pipe openings. When placed within concrete pavement, the structure shall be boxed out with $\frac{3}{4}$ " expansion material. Tracer wire shall be attached to the vault via a stainless steel strap as shown in the "Valve Vault Detail".

The connection to existing watermain, and all related fittings and couplings, is included in the valve vault item.

This work will be paid for at the contract unit price per each for GATE VALVE 10" WITH VAULT, 5' DIAMETER which shall include the work described above.

GATE VALVE 10" WITH VAULT, 5' DIAMETER, SPECIAL

This work shall consist of furnishing and installing a water valve in vault at the locations specified on the plans and in accordance with the "Valve Vault Detail".

Water Valves

All valves shall be iron body, resilient seated, bronze mounted, nonrising stem gate valves conforming to AWWA C500 requirements, and shall be installed per the requirements of Section 42 of the Standard Specifications for Water and Sewer Main Construction in Illinois. Valves shall be Mueller A-2360 with stainless trim or approved equal.

Valve Vault

This work includes furnishing and installing a valve vault at locations shown on the Plans and as directed by the Engineer in accordance with Section 602 of the Standard Specifications.

Valve vaults shall consist of precast reinforced concrete sections meeting ASTM C-478 and ASTM C-443 standards, and shall conform to the Village detail titled "Valve Vault Detail" included in the plans. Adjusting rings shall be precast concrete rings. The total number of adjusting rings shall not exceed two for a maximum height of 12 inches. Flexible boots, meeting ASTM C-923, are required at all pipe openings. When placed within concrete pavement, the structure shall be boxed out with $\frac{3}{4}$ " expansion material. Tracer wire shall be attached to the vault via a stainless steel strap as shown in the "Valve Vault Detail".

The pressure connection to the existing watermain is included in this valve vault pay item.

This work shall be paid for at the contract unit price per each for GATE VALVE 10" WITH VAULT, 5' DIAMETER, SPECIAL and shall include all work described above and the "Valve Vault Detail".

DISCONNECT EXISTING WATER MAIN

This work is to be done in a manner determined by the Engineer upon uncovering the current connection of water main.

It shall either shall include removing a part of the existing side connection water main and installing a Megalug Cap, or approved equal, with all needed connections and fitting pieces to the existing side connection of watermain intended to remain in place. This cap will then be thrust blocked to secure the water main as specified in the details.

The other method shall be to remove the immediate area of the existing water main connection point to be determined by the Engineer. Installation of Ductile Iron pipe of equivalent diameter will be used to make a connection to the existing water main with stainless steel repair clamp/sleeves around the watermain at each connection point. The contractor will furnish and install a Hymax Clamp, or approved equal, with a 12" minimum length. This work shall be coordinated with the Village to avoid multiple shutdowns.

Work shall include all excavations; coordinated shutdown of the existing water main to remain in service; cut and cap (or plug) of existing side water main connection; removal and installation of replacement pipe with all needed fittings and connections; controlled management of drained water from existing mains to avoid pit water backing up into existing mains; disinfection, filling, and flushing of existing mains; backfilling of excavation with trench backfill; sidewalk removal and replacement (outside of the limits shown on the plans); landscape restoration (outside of the limits shown on the plans); disposal of excavated materials and removed pipes, labor, equipment and materials required for the complete work.

The use of brick and mortar to abandon a pipe does not qualify as this pay item and is incidental to watermain construction.

This work will be paid for at the contract unit price per each for DISCONNECT FROM EXISTING WATER MAIN, which shall include the work described above.

ABANDON VALVE BOX

The work shall consist of the abandonment of valve box's as shown on the plans and as directed by the Engineer.

No abandonment shall occur prior to all proposed watermain being active. Prior to filling valve box, all existing pipe connections shall be abandoned.

The existing valve box lid, valve box riser and other portion of the valve box within one foot of the proposed finished grade shall be removed. The valve box shall be filled with fine aggregate in accordance with Article 1003.04 to six inches below finished grade. The trench backfill shall be properly consolidated to avoid settlement. Trench backfill shall not be paid for separately and shall be included in the cost of the item.

The placement of topsoil for the remaining amount to meet finished grade will be paid for at the contract unit price per square yard for TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH.

All labor, equipment, and materials shall not be paid for separately but shall be considered included in the price of this item. This work shall be paid for at the Contract Unit Price per each ABANDON VALVE BOX.

SANITARY SEWER, PVC SDR 26, SPECIAL

This item consists of furnishing and installing sanitary sewer at locations shown on the plans or as directed by the Engineer. This work shall be done in accordance with the Village of Hoffman Estates Development Requirements and Standards Manual, Chapter 6 and the Standard Specifications for Water and Sewer Construction in Illinois, 6th Edition.

The sanitary sewer pipe material shall be thick-walled PVC pipe conforming to the requirements of ASTM D-3034, SDR 26, push-type joint. The pipe joints shall conform to ASTM D-3212 and F-477 for PVC pipe.

Trench backfill shall be installed in accordance with the trench cross-section detail, as shown in the plans. Trench backfill shall be paid for separately for sanitary sewer pipe that is 8" diameter or greater. Trench backfill will not be paid for separately, but shall be included in the cost of this pay item for any pipe that is 6" diameter or less.

The connection to existing pipe shall be made with non-shear couplings, as approved by the Engineer. The cost of connection to existing shall not be paid for separately but shall be included in the cost of this pay item.

Contractor is required to submit and receive approval of a live sewer bypass plan prior to starting work. The cost of maintain live sewer bypass will not be paid for separately but shall be included in the cost of this item.

This work shall be paid for at the Contract Unit Price per foot for SANITARY SEWER, PVC SDR 26, (OF SIZE SPECIFIED) SPECIAL which price shall include all labor, materials, equipment, and incidentals necessary to complete the work as described above.

SANITARY SEWER REMOVAL, SPECIAL

This work shall consist of the removal and off-site disposal of sanitary sewer as indicated on the Plans or otherwise directed by the Engineer. This work shall be done in accordance with the Village of Hoffman Estates Development Requirements and Standards Manual, Chapter 6.

Any necessary excavation required to remove the sanitary sewer shall be considered incidental. At locations where new sanitary sewer is not being installed, trench backfill will be paid for at the Contract Unit Price per Cubic Yard for TRENCH BACKFILL. All backfill material shall conform to trench cross-section details in the plans.

Where designated on the plans, the abandoned sanitary sewer line shall be removed to a location of two feet behind the back of curb. The abandoned sanitary sewer, as designated by the Engineer, shall be plugged at both ends with minimum 2 foot long non-shrink concrete/mortar plug to the satisfaction of the Engineer.

This work will be paid for at the Contract Unit Price per foot for SANITARY SEWER REMOVAL, (OF SIZE SPECIFIED), SPECIAL which price shall include all labor, materials, equipment and incidentals as necessary to complete the work as directed above.

SANITARY SERVICE CONNECTION, 6", SPECIAL

This item consists of the connection of 6" sanitary sewer service lines to the new sanitary sewer at locations shown on the plans or as directed by the Engineer. This work shall be done in accordance with the Village of Hoffman Estates Development Requirements and Standards Manual, Chapter 6.

The new sanitary service connection to the sewer main shall be completed by means of a wye fitting installed in the main. Also, included in this item are the pipe, couplings and fittings needed to reduce the size of the service connection to match the specified service pipe diameter. All such connections shall be completed in the presence of the Engineer.

The constructing, installing of the sanitary service connections will be paid for at the Contract Unit Price per each for SANITARY SERVICE CONNECTION, 6", SPECIAL which price shall include furnishing and removal of all materials, labor, trench backfill and equipment necessary to complete the work as herein specified and for the satisfaction of the Engineer.

SANITARY MANHOLES, ADJUST, SPECIAL

This item consists of adjusting sanitary manholes and installing external chimney seals as shown on the Plans and as directed by the Engineer. This work shall be done in accordance with Section 602 of the Standard Specifications and Chapter 6 of the Village of Hoffman Estates Development Requirements and Standards Manual.

Existing clay bricks will be replaced with precast reinforced concrete adjusting rings. The concrete adjusting rings shall not exceed two maximum, or 12 inches in height, when placed one on top of the other. Should the repair exceed 12 inches, the Contractor will install precast concrete barrel sections topped with adjusting rings. Chips of broken clay or concrete bricks will not be allowed as shims for height adjustments. No extra compensation will be made to the Contractor for adjustments which exceed this height range, but are within the measurements as specified in Section 602.

Adjustment may not only mean vertical adjustment, but may consist of cleaning, grouting, or cementing around pipes and structure.

The removal and replacement of existing concrete sidewalks or aprons adjacent to the sanitary structures to be adjusted shall be paid for separately.

The external chimney seal shall be made by WrapidSeal, or approved equal, meeting ASTM C-923 requirements.

This work shall be paid for at the Contract Unit Price, per each, for SANITARY MANHOLES, ADJUST, SPECIAL, which price shall include all labor, equipment, trench backfill, materials, and incidentals required to complete the work as described above.

SANITARY MANHOLES, RECONSTRUCT, SPECIAL

This item consists of reconstructing sanitary manholes and installing external chimney seals as shown on the Plans and as directed by the Engineer. This work shall be done in accordance with Section 602 of the Standard Specifications and Chapter 6 of the Village of Hoffman Estates Development Requirements and Standards Manual.

Existing block manholes shall have their eccentric/concentric cones replaced with 8 inch thick precast reinforced slab flat tops with risers, topped with precast reinforced concrete adjusting rings. The concrete adjusting rings shall not exceed two maximum, or 12 inches in height, when placed one on top of the other. Should the repair exceed 12 inches, the Contractor will install precast concrete barrel sections topped with adjusting rings. Chips of broken clay or concrete bricks will not be allowed as shims for height adjustments.

The removal and replacement of existing asphalt pavement or concrete adjacent to the sanitary structures to be adjusted shall be paid for separately.

The external chimney seal shall be made by WrapidSeal, or approved equal, meeting ASTM C-923 requirements.

This work shall be paid for at the Contract Unit Price, per each, for SANITARY MANHOLES, RECONSTRUCT, SPECIAL, which price shall include all labor, equipment, trench backfill, materials, and incidentals required to complete the work as described above.

PIPE UNDERDRAINS, FABRIC LINED TRENCH

This work shall consist of furnishing all materials, equipment and labor required for the installation of 4" rigid perforated PVC pipe underdrain (SDR 26) in a geotechnical fabric lined trench in accordance with the applicable portions of Section 601 of the Standard Specifications as shown on the details in the plans, and as modified herein.

After all the necessary excavations of the trench to the required depth and grade as shown in the plans or as directed by the Engineer, geotechnical fabric shall be placed in the trench as directed in Article 601.06 of the Standard Specifications. The bedding material (CA-7) washed gravel shall then be placed in the trench to a depth of 4 inches.

The perforated pipe underdrain shall then be placed in the trench. After the pipe installation has been inspected and approved, the first lift of backfill, Coarse Aggregate (CA-7 or CA-11) washed

gravel shall be placed under the haunches of the pipe to one half the depth of the pipe underdrain for the full width of the trench. The remaining trench shall then be backfilled with Coarse Aggregate (CA-7 or CA-11) washed gravel to an elevation equal to the elevation of the sub-base as shown on the details in the plans.

Following the backfilling operation, the fabric shall be lapped over the top and then covered with sub-base granular material (CA-6) or with another specified material to the top of the proposed sub grade or as shown on the details in the plans.

This work will be paid for at the Contract Unit Price per foot for PIPE UNDERDRAINS, FABRIC LINED TRENCH, (4"), SPL which price shall include the furnishing of pipe underdrain and connecting hardware, all excavation and disposal of surplus material excavated from the trench, furnishing and placing the geotechnical fabric, placing the pipe in the trench and connecting to a drainage structure, furnishing and placing bedding, backfilling with aggregate, and all other labor and equipment necessary to complete the work as indicated in the plans.

CATCH BASINS, MANHOLES, AND INLETS

This work shall be done in accordance with Section 602 of the Standard Specifications. This work shall consist of constructing and installing catch basins, manholes, and inlets as shown on the Plans and as directed by the Engineer.

Disposal of all excavated materials, existing manhole and general cleanup shall be the responsibility of the Contractor. The work performed installing the manholes shall follow the details in the Plans. All trench backfill used for this work is considered incidental and will not be paid for separately.

For sanitary manholes, the external chimney seal shall be made by WrapidSeal, or approved equal, meeting ASTM C-923 requirements.

The constructing and installing of manholes will be paid for at the Contract Unit Price per each for SANITARY MANHOLES, 4 FOOT DIAMETER, SPECIAL; SANITARY DROP MANHOLES, 4 FOOT DIAMETER, SPECIAL; CATCH BASINS, (4 FOOT) DIAMETER; INLETS, 2 FOOT DIAMETER; MANHOLES, (OF TYPE AND SIZE SPECIFIED) DIAMETER; which price shall include furnishing all materials, labor, trench backfill and equipment necessary to complete the work as herein specified and for the satisfaction of the Engineer.

MANHOLE ADJUST AND RECONSTRUCT

This work shall be done in accordance with Section 602 of the Standard Specification. This work shall include the adjustment or reconstruction of existing inlets, manholes, catch basins, and valve vaults as shown on the Plans and as directed by the Engineer.

Existing clay bricks will be replaced with precast reinforced concrete adjusting rings. The concrete adjusting rings shall not exceed two maximum, or 12 inches in height, when placed one on top of the other. Should the repair exceed 12 inches, the Contractor will install precast concrete barrel sections topped with adjusting rings. Chips of broken clay or concrete bricks will not be allowed as shims for height adjustments. No extra compensation will be made to the Contractor for adjustments which exceed this height range, but are within the measurements as specified in Section 602.

When specified on the plan as adjustment, the Contractor shall remove the frame and grate to accomplish the work. Adjustment may not only mean vertical adjustment, but may consist of cleaning, grouting, or cementing around pipes and structure. The Contractor shall be responsible for obtaining positive drainage.

The removal and replacement of existing concrete curb and gutter adjacent to the drainage structures to be adjusted or reconstructed shall be paid for separately.

This work shall be paid for at the Contract Unit Price, per each, for MANHOLES TO BE ADJUSTED or MANHOLES TO BE RECONSTRUCTED which price shall include all labor, equipment, trench backfill, materials, and incidentals required to complete the work described above. No extra compensation will be made to the Contractor for the various types of drainage structures that may be encountered on the project.

MANHOLE ADJUST, SPECIAL

This work shall be done in accordance with Section 602 of the Standard Specifications, applicable contract Special Provisions, and as modified herein. This work shall consist of the adjustment of existing rectangular manholes (2' x 3') catch basins, and inlets at locations indicated on the plans.

Existing clay bricks shall be removed and replaced with cast in place reinforced concrete. The reinforcement shall consist of "J" bolts secured to the existing structure. The Contractor shall have the option of using precast adjusting rings provided that they are of the exact dimensions as the existing manhole catch basin or inlet and the adjustment does not exceed 12 inches in height. The special adjustment may not mean vertical adjustment, but may consist of reconstructing, cleaning, grouting, or mortaring around pipes and structure.

This work shall be paid for at the Contract Unit Price, per each, for MANHOLES TO BE ADJUSTED, SPECIAL, which price shall include all labor, equipment, trench backfill, materials, and incidentals required to complete the work as described above.

FRAMES AND GRATES

This work shall consist of replacing an existing frame and/or grate with a new frame and/or grate as directed by the Engineer. The work shall be done in accordance with the applicable portions of Section 604 of the Standard Specifications.

The new frame and grate shall be Neenah R-3501-P, or approved equivalent, for type M3.12 curb and gutter.

The new frame and grate shall be Neenah R-3278-A, or approved equivalent with barred style curb box that shows "DUMP NO WASTE!" lettering and fish image on back, grate or approved equivalent for Type B6.12 curb and gutter.

The new frame and grate shall be Neenah R-3281-007, or approved equivalent, for depressed curb and gutter.

For storm manholes, sanitary manholes, or water vaults the frame and closed lids shall be East Jordan 1050Z1 with Type A solid cover, Neenah R-1713, or approved equal, with embossed "Village of Hoffman Estates" and "Storm", "Sanitary", or "Water".

This work shall be paid for at the Contract Unit Price per each for FRAMES AND GRATES, DEPRESSED GRATE; FRAMES AND GRATES, FOR M3.12 CURB; FRAMES AND LIDS, STORM, TYPE 1, CLOSED LID, SPECIAL; FRAMES AND LIDS, STORM, TYPE 1, OPEN LID; FRAMES AND LIDS, SANITARY, TYPE 1, CLOSED LID, SPECIAL; FRAMES AND LIDS, WATER, TYPE 1, CLOSED LID, SPECIAL; GRATES TYPE 8; FRAMES AND GRATES, FOR B6.12 CURB, which price shall include all labor, equipment, materials and incidentals required to complete the work as described above.

ABANDONING MANHOLES, SPECIAL

The work shall consist of the plugging of abandoned sanitary sewers and abandonment of manholes as shown on the plans and as directed by the Engineer.

No abandonment shall occur prior to all proposed sewer being active. Prior to filling manhole all existing pipe connections shall be abandoned with a minimum two foot long non-shrink concrete or mortar plug. The contractor shall drill 1" diameter holes thru the bottom base of the sanitary manhole in a 1' by 1' grid pattern.

The existing frame & lid, adjusting rings, and other portion of the structure within one foot of the proposed finished grade shall be removed. The manhole shall be filled with fine aggregate in accordance with Article 1003.04 to six inches below finished grade. The trench backfill shall be properly consolidated to avoid settlement. Trench backfill shall not be paid for separately and shall be included in the cost of the item.

Final restoration with topsoil and sod shall be paid for separately.

All labor, equipment, and materials shall not be paid for separately but shall be considered included in the price of this item. This work shall be paid for at the Contract Unit Price per each ABANDONING MANHOLES, SPECIAL.

COMBINATION CONCRETE CURB AND GUTTER, SPECIAL

This work shall consist of constructing combination curb and gutter of the type specified at the locations shown on the plans or as directed by the Engineer. The work shall be done in accordance with Section 606 of the Standard Specifications, except that no extra compensation shall be allowed for variation in the thickness or height of the curb, or in the width of the gutter or transitions.

The proposed curb and gutter shall consist of the construction of combination concrete curb and gutter and shall be M3.12 or B6.12 as shown in the curb detail in the plans. New curb and gutters shall have a gutter thickness no less than the pavement thickness at all locations, with a minimum of 8". All curb and gutter shall have two number four (4) reinforcement bars continuous throughout the length. All reinforcement bars must be made and procured in the United States and approved by The Engineer for use. The Engineer must approve all forming methods prior to placing any concrete for the curb and gutter.

The Contractor is responsible to verify the established grades with the Engineer prior to the construction of any new combination concrete curb and gutter. **The Contractor must notify the Engineer if positive drainage cannot be obtained.**

Once the designated areas of existing curb and gutter have been removed, all soft and yielding spots or other unsuitable material in the sub grade shall be excavated and replaced with granular material as directed by the Engineer. The excavated unsuitable material will be paid for in accordance with the Special Provision, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS. The granular material shall be placed and paid for in accordance with the Special Provision, AGGREGATE SUBGRADE IMPROVEMENT.

The proposed curb and gutter shall be depressed across all sidewalk ramps in accordance with Project Details, Standards 424001, 424016, 424021, and 424026, and Public Right-of-Way Accessibility Guidelines (PROWAG), and depressed to meet existing driveways, as directed by the Engineer.

Contraction joints shall be provided at a spacing not to exceed 15 feet and shall be created by saw cutting to a minimum depth of 1-1/2 inches. The saw cutting shall not be paid for separately, but shall be considered incidental to the contract. Expansion joints shall be provided at the beginning and end of all return radii, 5 feet either side of a drainage structure, at the end of a day's pour, and/or at a spacing not to exceed 105 feet.

Expansion joints shall consist of two No. 6 bars, 18 inches long, capped and greased on one end, extending through and centered on a solid 3/4-inch preformed expansion joint material cut to conform to the shape of the curb and gutter section. The curb and gutter will be properly finished after placement using approved methods incorporated immediately after final finishing. Preformed 1/2-inch expansion joints will be provided between the sidewalks and concrete driveways where they abut against the concrete curb. This work shall not be paid for separately, but shall be incidental to the Contract Unit Price for this pay item.

Two drilled and grouted No. 6 reinforcing bars or expansion tie anchors, 3/4" in diameter, shall be used to tie the proposed curb and gutter to the existing curb and gutter on each side. Furnishing and installing the expansion tie anchors or drilling and grouting of the No. 6 reinforcing bars shall not be paid for separately, but shall be incidental to the Contract Unit Price for this pay item.

Opposite each water shutoff box a "W" two (2) inches high shall be pressed into the concrete. Backfilling of excavated or disturbed areas behind the new curb and gutter shall be done within 10 calendar days of placement of the curb and gutter, but not before 3 calendar days. Backfill material shall consist of approved clay, sand, or topsoil placed in compacted layers not less than 6-inches in depth from the top of the curb and gutter. Compaction of this material is essential and must be done in a proper manner by the contractor. This work shall not be paid for separately, but shall be considered incidental to the contract.

This work shall be paid for at the Contract Unit Price per foot for COMBINATION CONCRETE CURB AND GUTTER, M3.12, SPECIAL or COMBINATION CONCRETE CURB AND GUTTER, B6.12, SPECIAL which price shall include all labor, equipment, materials and incidentals to complete the work described above. This contract unit price item shall be considered for reconstructed streets or full curb and gutter removal and replacement streets as shown on the plans.

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT SPECIAL

This work shall be done in accordance with Section 606 and Section 440 of the Standard Specifications, applicable project Special Provisions, and as modified herein. This work shall consist of the removal and satisfactory disposal of the **partial** existing curb and gutter at the locations shown on the plans as directed by the Engineer. The work shall consist of constructing **partial** combination curb and gutter of the type specified at the locations shown on the plans or as directed by the Engineer.

The Contractor shall saw cut six (6) inches from the curb edge into the existing pavement at all removal locations or as directed by the Engineer. The Contractor shall front fill this area with concrete one (1) inch below the front edge of the curb and gutter. The concrete front filling must be a separate pour from the curb and gutter, once the curb and gutter have adequately cured. No extra compensation shall be allowed for the additional excavation in width of the existing pavement or in the thickness of the pavement, saw cutting, and front filling of concrete.

The proposed combination concrete curb and gutter shall be B6.12 or M3.12 as shown in the curb detail in the plans. New curb and gutter or curb shall have a gutter thickness equal to the pavement thickness at all locations. The Engineer must approve forming methods for pouring the curb and gutter.

Opposite each water shutoff box a "W" two (2) inches high shall be pressed into the concrete.

Backfilling of excavated or disturbed areas behind the new curb and gutter shall be done within 10 calendar days of placement of the curb and gutter, but not before 3 calendar days. Backfill material shall consist of approved clay, sand, or topsoil placed in compacted layers until a minimum of 6-inches in depth remains from the top of the curb and gutter. Compaction of this material is essential and must be done in a proper manner by the contractor. This work shall not be paid for separately, but shall be considered incidental to the contract.

The construction shall include the placement of three (3) inches of aggregate material meeting the requirements of AGGREGATE SUBGRADE IMPROVEMENT, prior to the placement of the curb and gutter. The base shall be compacted to the satisfaction of the Engineer. The sub grade shall be tamped or rolled until thoroughly compacted before the aggregate materials are placed. This work shall not be paid for separately, but shall be incidental to the Contract Unit Price for this pay item.

This work shall be paid for at the Contract Unit Price per foot for COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, SPECIAL which price shall include all labor, equipment, materials, and incidentals to complete the work described above.

CONCRETE FRONT FILL, SPECIAL

This work shall be done in accordance with Section 606 and Section 440 of the Standard Specifications and as modified herein.

The contractor shall saw cut the pavement six (6) inches from the proposed curb edge and remove the existing pavement. Once the curb and gutter has been poured, the area shall be cleared of debris and filled with Class SI concrete to a depth of one (1) inch below the edge of the gutter. The concrete front fill shall be a separate pour from the curb and gutter, once the curb and gutter have adequately cured.

This work shall be paid for at the Contract Unit Price per foot for CONCRETE FRONT FILL, SPECIAL which price shall include all labor, equipment, materials, and incidentals to complete the work described above.

FENCE REMOVAL AND REINSTALLATION

This work shall consist of removal and reinstallation of existing fence and accessories where designated in the plans or as directed in the field by the Engineer. All work shall be in accordance with the applicable portions of Section 664 of the Standard Specifications.

Any necessary excavation, materials, equipment, or labor required to remove the fence, bring the finished fence to grade, plumb, taut, true to line and ground contour, complete in every detail, and match the existing fence shall be considered incidental to this pay item.

Any fence that is damaged shall be replaced in kind at the expense of the contractor.

This work shall be paid for at the Contract Unit Price per foot for FENCE REMOVAL AND REINSTALLATION which price shall include all labor, equipment, materials and incidentals required to complete the work described above.

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.

REMOVE AND RESET SIGN

This work shall be done in accordance with Section 720, 723, 724, and 729 of the Standard Specifications and as modified herein. This work shall consist of removing existing sign assemblies and reinstalling at locations shown on the plans or as designated by the Engineer.

Any damaged sign panels or posts shall be replaced, with similar or better materials, to the satisfaction of the Engineer, at the contractor's expense.

This work shall be paid for at the Contract Unit Price per each for REMOVE AND RESET SIGN, which price shall include all labor, equipment, materials and incidentals required to complete the work as described above.

ADJUSTMENTS AND RECONSTRUCTIONS (D1)

Effective: March 15, 2011

Revised: October 1, 2021

Revise the first paragraph of Article 602.04 to read:

“602.04 Concrete. Cast-in-place concrete for structures shall be constructed of Class SI concrete according to the applicable portions of Section 503. Cast-in-place concrete for pavement patching around adjustments and reconstructions shall be constructed of Class PP-2 concrete, unless otherwise noted in the plans, according to the applicable portions of Section 1020.”

Revise the third, fourth and fifth sentences of the second paragraph of Article 602.11(c) to read:

“Castings shall be set to the finished pavement elevation so that no subsequent adjustment will be necessary, and the space around the casting shall be filled with Class PP-2 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b.”

Revise Article 603.05 to read:

“603.05 Replacement of Existing Flexible Pavement. After the castings have been adjusted, the surrounding space shall be filled with Class PP-2 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b.”

Revise Article 603.06 to read:

“603.06 Replacement of Existing Rigid Pavement. After the castings have been adjusted, the pavement and HMA that was removed, shall be replaced with Class PP-2 concrete, unless otherwise noted in the plans, not less than 9 in. (225 mm) thick. The pavement may be opened to traffic according to Article 701.17(e)(3)b.

The surface of the Class PP concrete shall be constructed flush with the adjacent surface.”

Revise the first sentence of Article 603.07 to read:

“603.07 Protection Under Traffic. After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b.”

DRAINAGE AND INLET PROTECTION UNDER TRAFFIC (~~BDED1~~)

Effective: April 1, 2011

Revised: April 2, 2011

Add the following to Article 603.02 of the Standard Specifications:

- "(i) Temporary Hot-Mix Asphalt (HMA) Ramp (Note 1) 1030
- (j) Temporary Rubber Ramps (Note 2)

Note 1. The HMA shall have maximum aggregate size of 3/8 in. (95 mm).

Note 2. The rubber material shall be according to the following.

Property	Test Method	Requirement
Durometer Hardness, Shore A	ASTM D 2240	75 ± 15
Tensile Strength, psi (kPa)	ASTM D 412	300 (2000) min
Elongation, percent	ASTM D 412	90 min
Specific Gravity	ASTM D 792	1.0 - 1.3
Brittleness, °F (°C)	ASTM D 746	-40 (-40)"

Revise Article 603.07 of the Standard Specifications to read:

“603.07 Protection Under Traffic. After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b. After the casting has been adjusted and Class SI concrete has been placed, the work shall be protected by a barricade and two lights for at least 72 hours.

When castings are under traffic before the final surfacing operation has been started, properly sized temporary ramps shall be placed around the drainage and/or utility castings according to the following methods.

- (a) Temporary Asphalt Ramps. Temporary hot-mix asphalt ramps shall be placed around the casting, flush with its surface and decreasing to a featheredge in a distance of 2 ft (600 mm) around the entire surface of the casting.
- (b) Temporary Rubber Ramps. Temporary rubber ramps shall only be used on roadways with permanent posted speeds of 40 mph or less and when the height of the casting to be protected meets the proper sizing requirements for the rubber ramps as shown below.

Dimension	Requirement
Inside Opening	Outside dimensions of casting + 1 in. (25 mm)
Thickness at inside edge	Height of casting \pm 1/4 in. (6 mm)
Thickness at outside edge	1/4 in. (6 mm) max.
Width, measured from inside opening to outside edge	8 1/2 in. (215 mm) min

Placement shall be according to the manufacturer's specifications.

Temporary ramps for castings shall remain in place until surfacing operations are undertaken within the immediate area of the structure. Prior to placing the surface course, the temporary ramp shall be removed. Excess material shall be disposed of according to Article 202.03."

CLASS D PATCHES (SPECIAL)

Effective: July 24, 2020

Description. This work shall consist of all labor, materials and equipment necessary to construct Class D Patches at the locations shown on the plans and/ or locations determined by the Resident Engineer in the field. The work shall be performed according to Section 442 of the Standard Specifications, except as modified herein.

Delete Note 2 from Article 442.02 of the Standard Specification and replace with the following:

“Note 2. The mixture composition of the HMA used shall be binder course and surface course as specified in the Hot-Mix Asphalt Mixtures Requirements table in the plans.”

Basis of Payment. This work shall be paid for at the contract unit price per square yard of CLASS D PATCHES, of the type and thickness specified, (SPECIAL).

FRiction AGGREGATE (D1)

Effective: January 1, 2011

Revised: December 1, 2021

Revise Article 1004.03(a) of the Standard Specifications to read:

“1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase or Shoulders	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{1/} Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L SMA Binder	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete ^{3/}

Use	Mixture	Aggregates Allowed								
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 IL-9.5FG or IL-9.5L	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}								
HMA High ESAL	D Surface and Binder IL-9.5 or IL-9.5FG	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone (other than Limestone) ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/}								
		<u>Other Combinations Allowed:</u>								
		<table border="1"> <thead> <tr> <th><i>Up to...</i></th> <th><i>With...</i></th> </tr> </thead> <tbody> <tr> <td>25% Limestone</td> <td>Dolomite</td> </tr> <tr> <td>50% Limestone</td> <td>Any Mixture D aggregate other than Dolomite</td> </tr> <tr> <td>75% Limestone</td> <td>Crushed Slag (ACBF) or Crushed Sandstone</td> </tr> </tbody> </table>	<i>Up to...</i>	<i>With...</i>	25% Limestone	Dolomite	50% Limestone	Any Mixture D aggregate other than Dolomite	75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone
<i>Up to...</i>	<i>With...</i>									
25% Limestone	Dolomite									
50% Limestone	Any Mixture D aggregate other than Dolomite									
75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone									
HMA High ESAL	E Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.								
		<u>Other Combinations Allowed:</u>								
		<table border="1"> <thead> <tr> <th><i>Up to...</i></th> <th><i>With...</i></th> </tr> </thead> </table>	<i>Up to...</i>	<i>With...</i>						
<i>Up to...</i>	<i>With...</i>									

Use	Mixture	Aggregates Allowed					
		50% Dolomite ^{2/}	Any Mixture E aggregate				
		75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone				
		75% Crushed Gravel ^{2/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag				
HMA High ESAL	F Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone. <u>Other Combinations Allowed:</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><i>Up to...</i></td> <td style="width: 50%;"><i>With...</i></td> </tr> <tr> <td>50% Crushed Gravel^{2/} or Dolomite^{2/}</td> <td>Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td> </tr> </table>		<i>Up to...</i>	<i>With...</i>	50% Crushed Gravel ^{2/} or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone
<i>Up to...</i>	<i>With...</i>						
50% Crushed Gravel ^{2/} or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone						

- 1/ Crushed steel slag allowed in shoulder surface only.
- 2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as binder.
- 5/ When combinations of aggregates are used, the blend percent measurements shall be by volume.”
- 6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80.”

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)

Effective: November 1, 2019
Revised: January 1, 2026

Add the following to the end of Article 406.06(c) of the Standard Specifications:

“The amount of HMA binder course placed shall be limited to that which can be surfaced during the same construction season.”

Revise the fifteenth through eighteenth paragraphs of Article 406.14 of the Standard Specifications to read:

“The mixture used in constructing acceptable HMA test strips will be paid for at the contract unit price. Unacceptable HMA test strips shall be removed and replaced at no additional cost to the Department.”

Revise Article 1004.03(c) to read:

“(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 ^{1/}
	SMA 12.5 ^{2/}	CA 13 ^{4/} , CA 14, or CA 16
	SMA 9.5 ^{2/}	CA 13 ^{3/4/} or CA 16 ^{3/}
	IL-9.5	CA 16, CM 13 ^{4/}
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 ^{1/}
	IL-9.5L	CA 16

- 1/ CA 16 or CA 13 may be blended with the CA 11.
- 2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.
- 3/ The specified coarse aggregate gradations may be blended.
- 4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve.”

Revise Article 1004.03(e) of the Standard Specifications to read:

“(e) Absorption. For SMA the coarse aggregate shall also have water absorption ≤ 2.0 percent.”

Revise the “High ESAL” portion of the table in Article 1030.01 to read:

“High ESAL”	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, SMA 9.5 Stabilized Subbase IL-19.0
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5”

Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

“Item	Article/Section
(g)Performance Graded Asphalt Binder (Note 6)	1032
(h)Fibers (Note 2)	

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein..”

Revise table in Article 1030.05(a) of the Standard Specifications to read:

"MIXTURE COMPOSITION (% PASSING) ^{1/}												
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-9.5FG		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max	min	max
1 1/2 in (37.5 mm)												
1 in. (25 mm)		100										
3/4 in. (19 mm)	90	100		100								
1/2 in. (12.5 mm)	75	89	80	100		100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	60	75 ^{6/}	90	100
#8 (2.36 mm)	20	42	16	24 ^{4/}	16	32 ^{4/}	34 ^{5/}	52 ^{2/}	45	60 ^{6/}	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 μm)			12	16	12	18			15	30		
#50 (300 μm)	6	15					4	15	8	15	15	30
#100 (150 μm)	4	9					3	10	6	10	10	18
#200 (75 μm)	3.0	6.0	7.0	9.0 ^{3/}	7.5	9.5 ^{3/}	4.0	6.0	4.0	6.5	7.0	9.0 ^{3/}
#635 (20 μm)			≤ 3.0		≤ 3.0							
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0		1.0

- 1/ Based on percent of total aggregate weight.
- 2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with $N_{\text{design}} = 90$.
- 3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.
- 4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.

- 5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.
- 6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing.”

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

Mix Design	Voids in the Mineral Aggregate (VMA), % Minimum for N _{design}				
	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75 ^{1/}		18.5			
SMA-12.5 ^{1/2/5/}				17.0 ^{3/} 16.0 ^{4/}	
SMA-9.5 ^{1/2/5/}				17.0 ^{3/} 16.0 ^{4/}	
IL-19.0L	13.5				
IL-9.5L	15.0				

- 1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.
- 2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.
- 3/ Applies when specific gravity of coarse aggregate is ≥ 2.760 .
- 4/ Applies when specific gravity of coarse aggregate is < 2.760 .
- 5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone”

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steel slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Revise the first and second paragraphs of Articles 1030.06(c)(2) of the Standard Specifications to read:

"(2) Personnel. The Contractor shall provide a QC Manager who shall have overall responsibility and authority for quality control. This individual shall maintain active certification as a Hot-Mix Asphalt Level II technician.

In addition to the QC Manager, the Contractor shall provide sufficient personnel to perform the required visual inspections, sampling, testing, and documentation in a timely manner. Mix designs shall be developed by personnel with an active certification as a Hot-Mix Asphalt Level III technician. Technicians performing mix design testing and plant sampling/testing shall maintain active certification as a Hot-Mix Asphalt Level I technician. The Contractor may provide a technician trainee who has successfully completed the Department's "Hot-Mix Asphalt Trainee Course" to assist in the activities completed by a Hot-Mix Asphalt Level I technician for a period of one year after the course completion date. The Contractor may also provide a Gradation Technician who has successfully completed the Department's "Gradation Technician Course" to run gradation tests only under the supervision of a Hot-Mix Asphalt Level II Technician. The Contractor shall provide a Hot-Mix Asphalt Density Tester who has successfully completed the Department's "Nuclear Density Testing" course to run all nuclear density tests on the job site."

Add Article 1030.06(d)(3) to the Standard Specifications to read:

"(3) The Contractor shall take possession of any Department unused backup or dispute resolution HMA mixture samples or density specimens upon notification by the Engineer. The Contractor shall collect the HMA mixture samples or density specimens from the location designated by the Engineer and may add these materials to RAP stockpiles according to Section 1031."

Revise the second paragraph of Articles 1030.07(a)(11) and 1030.08(a)(9) of the Standard Specifications to read:

"When establishing the target density, the HMA maximum theoretical specific gravity (Gmm) will be based on the running average of four available Department test results for that project. If less than four Gmm test results are available, an average of all available Department test results for that project will be used. The initial Gmm will be the last available Department test result from a QMP project. If there is no available Department test result from a QMP project, the Department mix design verification test

result will be used as the initial Gmm."

Revise the Quality Control Limits table in Article 1030.09(c) to read:

CONTROL LIMITS						
Parameter	IL-19.0, IL-9.5, IL-9.5FG, IL-19.0L, IL-9.5L		SMA-12.5, SMA-9.5		IL-4.75	
	Individual Test	Moving Avg. of 4	Individual Test	Moving Avg. of 4	Individual Test	Moving Avg. of 4
% Passing ^{1/}						
1/2 in. (12.5 mm)	± 6 %	± 4 %	± 6 %	± 4 %		
3/8 in. (9.5mm)			± 4 %	± 3 %		
# 4 (4.75 mm)	± 5 %	± 4 %	± 5 %	± 4 %		
# 8 (2.36 mm)	± 5 %	± 3 %	± 4 %	± 2 %		
# 16 (1.18 mm)			± 4 %	± 2 %	± 4 %	± 3 %
# 30 (600 µm)	± 4 %	± 2.5 %	± 4 %	± 2.5 %		
Total Dust Content # 200 (75 µm)	± 1.5 %	± 1.0 %			± 1.5 %	± 1.0 %
Asphalt Binder Content	± 0.3 %	± 0.2 %	± 0.2 %	± 0.1 %	± 0.3 %	± 0.2 %
Air Voids ^{2/}	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %
Field VMA ^{3/}	-0.7 %	-0.5 %	-0.7 %	-0.5 %	-0.7 %	-0.5 %

1/ Based on washed ignition oven or solvent extraction gradation.

2/ The air voids target shall be 3.2 to 4.8 percent.

3/ Allowable limit below minimum design VMA requirement.

Revise Article 1030.09(g)(2) of the Standard Specifications to read:

"(2) The Contractor shall complete split verification sample tests listed in the Limits of Precision table in Article 1030.09(h)(1)."

In the Supplemental Specifications, replace the revision for the end of the third paragraph of Article 1030.09(h)(2) with the following:

"When establishing the target density, the HMA maximum theoretical specific gravity (Gmm) will be the Department mix design verification test result."

Add after third sentence of Article 1030.09(b) to read:

"If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure."

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 ^{1/}	V_D , P , T_B , 3W, O_T , O_B	V_S , T_B , T_F , O_T	As specified in Section 1030
IL-4.75 and SMA 3/4/	T_B , 3W, O_T	T_F , 3W	As specified in Section 1030
Mixtures on Bridge Decks ^{2/}	T_B	T_F	As specified in Articles 582.05 and 582.06.

"4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T_B), and/or three-wheel (3W) rollers for breakdown, except one of the (T_B) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the (T_B) or (3W) rollers can be substituted for an oscillatory roller (O_T). T_F rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T_B rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T_B rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver."

Add the following after the fourth paragraph of Article 406.13 (b):

"The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design's Gmb."

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

"A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials "Hot Mix Asphalt Test Strip Procedures". At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results."

Revise fourth paragraph of Article 1030.10 of the Standard Specifications to read:

"When a test strip is constructed, the Contractor shall collect and split the mixture according to the document "Hot-Mix Asphalt Test Strip Procedures". The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document "Hot-Mix Asphalt Mixture Design Verification Procedure" Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production. To be considered acceptable to remain in place, the Department's mixture test results shall meet the acceptable limits stated in Article 1030.09(i)(1). In addition, no visible pavement distress such as, but not limited to, segregation, excessive coarse aggregate fracturing outside of growth curves, excessive dust balls, or flushing shall be present as determined by the Engineer."

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:

Village of Hoffman Estates

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

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
BITUMINOUS MATERIALS COST ADJUSTMENT FOR LOCAL LETTINGS

(RETURN FORM WITH BID)

Effective: June 16, 2017
Revised:

Description. Bituminous material cost adjustments will be made to provide additional compensation to the Contractor, or credit to the project owner, for fluctuations in the cost of bituminous materials when optioned by the Contractor. The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments.

The adjustments shall apply to permanent and temporary hot-mix asphalt (HMA) mixtures, bituminous surface treatments (cover and seal coats), and preventative maintenance type surface treatments that are part of the original proposed construction, or added as extra work and paid for by agreed unit prices. The adjustments shall not apply to bituminous prime coats, tack coats, crack filling/sealing, joint filling/sealing, or extra work paid for at a lump sum price or by force account.

Method of Adjustment. Bituminous materials cost adjustments will be computed as follows.

$$CA = (BPI_P - BPI_L) \times (\%AC_V / 100) \times Q$$

Where: CA = Cost Adjustment, \$.

BPI_P = Bituminous Price Index, as published by the Department of Transportation for the month the work is performed, \$/ton (\$/metric ton).

BPI_L = Bituminous Price Index, as published by the Department of Transportation for the month prior to the letting for work paid for at the contract price; or for the month the agreed unit price letter is submitted by the Contractor for extra work paid for by agreed unit price, \$/ton (\$/metric ton).

%AC_V = Percent of virgin Asphalt Cement in the Quantity being adjusted. For HMA mixtures, the % AC_V will be determined from the adjusted job mix formula. For bituminous materials applied, a performance graded or cutback asphalt will be considered to be 100% AC_V and undiluted emulsified asphalt will be considered to be 65% AC_V.

Q = Authorized construction Quantity, tons (metric tons) (see below).

For HMA mixtures measured in square yards: $Q, \text{ tons} = A \times D \times (G_{mb} \times 46.8) / 2000$. For HMA mixtures measured in square meters: $Q, \text{ metric tons} = A \times D \times (G_{mb} \times 1) / 1000$. When computing adjustments for full-depth HMA pavement, separate calculations will be made for the binder and surface courses to account for their different G_{mb} and % AC_V .

For bituminous materials measured in gallons: $Q, \text{ tons} = V \times 8.33 \text{ lb/gal} \times SG / 2000$
For bituminous materials measured in liters: $Q, \text{ metric tons} = V \times 1.0 \text{ kg/L} \times SG / 1000$

Where: A = Area of the HMA mixture, sq yd (sq m).
 D = Depth of the HMA mixture, in. (mm).
 G_{mb} = Average bulk specific gravity of the mixture, from the approved mix design.
 V = Volume of the bituminous material, gal (L).
 SG = Specific Gravity of bituminous material as shown on the bill of lading.

Basis of Payment. Bituminous materials cost adjustments may be positive or negative but will only be made when there is a difference between the BPI_L and BPI_P in excess of five percent, as calculated by:

$$\text{Percent Difference} = \{(BPI_L - BPI_P) \div BPI_L\} \times 100$$

Bituminous materials cost adjustments will be calculated for each calendar month in which applicable bituminous material is placed; and will be paid or deducted when all other contract requirements for the work placed during the month are satisfied. The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Return With Bid

OPTION FOR BITUMINOUS MATERIALS COST ADJUSTMENT

The bidder shall submit this completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments. After award, this form, when submitted, shall become part of the contract.

Contract No.: _____

Company Name: _____

Contractor's Option:

Is your company opting to include this special provision as part of the contract?

Yes No

Signature: _____ **Date:** _____

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
FUEL COST ADJUSTMENT FOR LOCAL LETTINGS

(RETURN FORM WITH BID)

Effective: June 16, 2017

Revised:

Description. Fuel cost adjustments will be made to provide additional compensation to the Contractor, or a credit to the project owner, for fluctuations in fuel prices when optioned by the Contractor. The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form or failure to indicate contract number, company name and sign and date the form shall make this contract exempt of fuel cost adjustments for all categories of work. Failure to indicate "Yes" for any category of work will make that category of work exempt from fuel cost adjustment.

General. The fuel cost adjustment shall apply to contract pay items as grouped by category. The adjustment shall only apply to those categories of work checked "Yes", and only when the cumulative plan quantities for a category exceed the required threshold. Adjustments to work items in a category, either up or down, and extra work paid for by agreed unit price will be subject to fuel cost adjustment only when the category representing the added work was subject to the fuel cost adjustment. Extra work paid for at a lump sum price or by force account will not be subject to fuel cost adjustment. Category descriptions and thresholds for application and the fuel usage factors which are applicable to each are as follows:

(a) Categories of Work.

- (1) Category A: Earthwork. Contract pay items performed under Sections 202, 204, and 206 of the IDOT Standard Specifications for Road and Bridge Construction including any modified standard or nonstandard items where the character of the work to be performed is considered earthwork. The cumulative total of all applicable item plan quantities shall exceed 25,000 cu yd (20,000 cu m). Included in the fuel usage factor is a weighted average 0.10 gal/cu yd (0.50 liters/cu m) factor for trucking.
- (2) Category B: Subbases and Aggregate Base Courses. Contract pay items constructed under Sections 311, 312 and 351 of the IDOT Standard Specifications for Road and Bridge Construction including any modified standard or nonstandard items where the character of the work to be performed is considered construction of a subbase or aggregate, stabilized or modified base course. The cumulative total of all applicable item plan quantities shall exceed 5000 tons (4500 metric tons). Included in the fuel usage factor is a 0.60 gal/ton (2.50 liters/metric ton) factor for trucking.

- (3) Category C: Hot-Mix Asphalt (HMA) Bases, Pavements and Shoulders. Contract pay items constructed under Sections 355, 406, 407 and 482 of the IDOT Standard Specifications for Road and Bridge Construction including any modified standard or nonstandard items where the character of the work to be performed is considered HMA bases, pavements and shoulders. The cumulative total of all applicable item plan quantities shall exceed 5000 tons (4500 metric tons). Included in the fuel usage factor is 0.60 gal/ton (2.50 liters/metric ton) factor for trucking.
- (4) Category D: Portland Cement Concrete (PCC) Bases, Pavements and Shoulders. Contract pay items constructed under Sections 353, 420, 421 and 483 of the IDOT Standard Specifications for Road and Bridge Construction including any modified standard or nonstandard items where the character of the work to be performed is considered PCC base, pavement or shoulder. The cumulative total of all applicable item plan quantities shall exceed 7500 sq yd (6000 sq m). Included in the fuel usage factor is 1.20 gal/cu yd (5.94 liters/cu m) factor for trucking.
- (5) Category E: Structures. Structure items having a cumulative bid price that exceeds \$250,000 for pay items constructed under Sections 502, 503, 504, 505, 512, 516 and 540 of the IDOT Standard Specifications for Road and Bridge Construction including any modified standard or nonstandard items where the character of the work to be performed is considered structure work when similar to that performed under these sections and not included in categories A through D.

(b) Fuel Usage Factors.

English Units

Category	Factor	Units
A - Earthwork	0.34	gal / cu yd
B – Subbase and Aggregate Base courses	0.62	gal / ton
C – HMA Bases, Pavements and Shoulders	1.05	gal / ton
D – PCC Bases, Pavements and Shoulders	2.53	gal / cu yd
E – Structures	8.00	gal / \$1000

Metric Units

Category	Factor	Units
A - Earthwork	1.68	liters / cu m
B – Subbase and Aggregate Base courses	2.58	liters / metric ton
C – HMA Bases, Pavements and Shoulders	4.37	liters / metric ton
D – PCC Bases, Pavements and Shoulders	12.52	liters / cu m
E – Structures	30.28	liters / \$1000

(c) Quantity Conversion Factors.

Category	Conversion	Factor
B	sq yd to ton	0.057 ton / sq yd / in depth
	sq m to metric ton	0.00243 metric ton / sq m / mm depth
C	sq yd to ton	0.056 ton / sq yd / in depth
	sq m to metric ton	0.00239 m ton / sq m / mm depth
D	sq yd to cu yd	0.028 cu yd / sq yd / in depth
	sq m to cu m	0.001 cu m / sq m / mm depth

Method of Adjustment. Fuel cost adjustments will be computed as follows.

$$CA = (FPI_P - FPI_L) \times FUF \times Q$$

Where: CA = Cost Adjustment, \$

FPI_P = Fuel Price Index, as published by the Department of Transportation for the month the work is performed, \$/gal (\$/liter)

FPI_L = Fuel Price Index, as published by the Department of Transportation for the month prior to the letting for work paid for at the contract price; or for the month the agreed unit price letter is submitted by the Contractor for extra work paid for by agreed unit price, \$/gal (\$/liter)

FUF = Fuel Usage Factor in the pay item(s) being adjusted

Q = Authorized construction Quantity, tons (metric tons) or cu yd (cu m)

The entire FUF indicated in paragraph (b) will be used regardless of use of trucking to perform the work.

Basis of Payment. Fuel cost adjustments may be positive or negative but will only be made when there is a difference between the FPI_L and FPI_P in excess of five percent, as calculated by:

$$\text{Percent Difference} = \{(FPI_L - FPI_P) \div FPI_L\} \times 100$$

Fuel cost adjustments will be calculated for each calendar month in which applicable work is performed; and will be paid or deducted when all other contract requirements for the items of work are satisfied. The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Return With Bid

OPTION FOR FUEL COST ADJUSTMENT

The bidder shall submit this completed form with his/her bid. Failure to submit the form or properly complete contract number, company name, and sign and date the form shall make this contract exempt of fuel cost adjustments in all categories. Failure to indicate "Yes" for any category of work at the time of bid will make that category of work exempt from fuel cost adjustment. After award, this form, when submitted shall become part of the contract.

Contract No.: _____

Company Name: _____

Contractor's Option:

Is your company opting to include this special provision as part of the contract plans for the following categories of work?

Category A Earthwork. Yes

Category B Subbases and Aggregate Base Courses Yes

Category C HMA Bases, Pavements and Shoulders Yes

Category D PCC Bases, Pavements and Shoulders Yes

Category E Structures Yes

Signature: _____ **Date:** _____

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
STEEL COST ADJUSTMENT FOR LOCAL LETTINGS

(RETURN FORM WITH BID)

Effective: June 16, 2017

Revised:

Description. Steel cost adjustments will be made to provide additional compensation to the Contractor, or a credit to the project owner, for fluctuations in steel prices when optioned by the Contractor. The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form or failure to indicate contract number, company name, and sign and date the form shall make this contract exempt of steel cost adjustments for all items of steel. Failure to indicate "Yes" for any item of work will make that item of steel exempt from steel cost adjustment.

Types of Steel Products. An adjustment will be made for fluctuations in the cost of steel used in the manufacture of the following items:

Metal Piling (excluding temporary sheet piling)
Structural Steel
Reinforcing Steel

Other steel materials such as dowel bars, tie bars, mesh reinforcement, guardrail, steel traffic signal and light poles, towers and mast arms, metal railings (excluding wire fence), and frames and grates will be subject to a steel cost adjustment when the pay items they are used in have a contract value of \$10,000 or greater.

The adjustments shall apply to the above items when they are part of the original proposed construction, or added as extra work and paid for by agreed unit prices. The adjustments shall not apply when the item is added as extra work and paid for at a lump sum price or by force account.

Documentation. Sufficient documentation shall be furnished to the Engineer to verify the following:

- (a) The dates and quantity of steel, in lb (kg), shipped from the mill to the fabricator.
- (b) The quantity of steel, in lb (kg), incorporated into the various items of work covered by this special provision. The project owner reserves the right to verify submitted quantities.

Method of Adjustment. Steel cost adjustments will be computed as follows:

$$SCA = Q \times D$$

Where: SCA = steel cost adjustment, in dollars
 Q = quantity of steel incorporated into the work, in lb (kg)
 D = price factor, in dollars per lb (kg)

$$D = MPI_M - MPI_L$$

Where: MPI_M = The Materials Cost Index for steel as published by the Engineering News-Record for the month the steel is shipped from the mill. The indices will be converted from dollars per 100 lb to dollars per lb (kg).

MPI_L = The Materials Cost Index for steel as published by the Engineering News-Record for the month prior to the letting for work paid for at the contract price; or for the month the agreed unit price letter is submitted by the Contractor for extra work paid for by agreed unit price. The indices will be converted from dollars per 100 lb to dollars per lb (kg).

The unit weights (masses) of steel that will be used to calculate the steel cost adjustment for the various items are shown in the attached table.

No steel cost adjustment will be made for any products manufactured from steel having a mill shipping date prior to the letting date.

If the Contractor fails to provide the required documentation, the method of adjustment will be calculated as described above; however, the MPI_M will be based on the date the steel arrives at the job site. In this case, an adjustment will only be made when there is a decrease in steel costs.

Basis of Payment. Steel cost adjustments may be positive or negative but will only be made when there is a difference between the MPI_L and MPI_M in excess of five percent, as calculated by:

$$\text{Percent Difference} = \{(MPI_L - MPI_M) \div MPI_L\} \times 100$$

Steel cost adjustments will be calculated by the Engineer and will be paid or deducted when all other contract requirements for the items of work are satisfied. Adjustments will only be made for fluctuations in the cost of the steel as described herein. No adjustment will be made for changes in the cost of manufacturing, fabrication, shipping, storage, etc.

The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Attachment

Item	Unit Mass (Weight)
Metal Piling (excluding temporary sheet piling) Furnishing Metal Pile Shells 12 in. (305 mm), 0.179 in. (3.80 mm) wall thickness Furnishing Metal Pile Shells 12 in. (305 mm), 0.250 in. (6.35 mm) wall thickness Furnishing Metal Pile Shells 14 in. (356 mm), 0.250 in. (6.35 mm) wall thickness Other piling	23 lb/ft (34 kg/m) 32 lb/ft (48 kg/m) 37 lb/ft (55 kg/m) See plans
Structural Steel	See plans for weights (masses)
Reinforcing Steel	See plans for weights (masses)
Dowel Bars and Tie Bars	6 lb (3 kg) each
Mesh Reinforcement	63 lb/100 sq ft (310 kg/sq m)
Guardrail Steel Plate Beam Guardrail, Type A w/steel posts Steel Plate Beam Guardrail, Type B w/steel posts Steel Plate Beam Guardrail, Types A and B w/wood posts Steel Plate Beam Guardrail, Type 2 Steel Plate Beam Guardrail, Type 6 Traffic Barrier Terminal, Type 1 Special (Tangent) Traffic Barrier Terminal, Type 1 Special (Flared)	20 lb/ft (30 kg/m) 30 lb/ft (45 kg/m) 8 lb/ft (12 kg/m) 305 lb (140 kg) each 1260 lb (570 kg) each 730 lb (330 kg) each 410 lb (185 kg) each
Steel Traffic Signal and Light Poles, Towers and Mast Arms Traffic Signal Post Light Pole, Tenon Mount and Twin Mount, 30 - 40 ft (9 – 12 m) Light Pole, Tenon Mount and Twin Mount, 45 - 55 ft (13.5 – 16.5 m) Light Pole w/Mast Arm, 30 - 50 ft (9 – 15.2 m) Light Pole w/Mast Arm, 55 - 60 ft (16.5 – 18 m) Light Tower w/Luminaire Mount, 80 - 110 ft (24 – 33.5 m) Light Tower w/Luminaire Mount, 120 - 140 ft (36.5 – 42.5 m) Light Tower w/Luminaire Mount, 150 - 160 ft (45.5 – 48.5 m)	11 lb/ft (16 kg/m) 14 lb/ft (21 kg/m) 21 lb/ft (31 kg/m) 13 lb/ft (19 kg/m) 19 lb/ft (28 kg/m) 31 lb/ft (46 kg/m) 65 lb/ft (97 kg/m) 80 lb/ft (119 kg/m)
Metal Railings (excluding wire fence) Steel Railing, Type SM Steel Railing, Type S-1 Steel Railing, Type T-1 Steel Bridge Rail	64 lb/ft (95 kg/m) 39 lb/ft (58 kg/m) 53 lb/ft (79 kg/m) 52 lb/ft (77 kg/m)
Frames and Grates Frame Lids and Grates	250 lb (115 kg) 150 lb (70 kg)

Return With Bid

OPTION FOR STEEL COST ADJUSTMENT

The bidder shall submit this completed form with his/her bid. Failure to submit the form or properly complete contract number, company name, and sign and date the form shall make this contract exempt of steel cost adjustments for all items of steel. Failure to indicate "Yes" for any item of work will make that item of steel exempt from steel cost adjustment. After award, this form, when submitted shall become part of the contract.

Contract No.: _____

Company Name: _____

Contractor's Option:

Is your company opting to include this special provision as part of the contract plans for the following items of work?

Metal Piling	Yes	<input type="checkbox"/>
Structural Steel	Yes	<input type="checkbox"/>
Reinforcing Steel	Yes	<input type="checkbox"/>
Dowel Bars, Tie Bars and Mesh Reinforcement	Yes	<input type="checkbox"/>
Guardrail	Yes	<input type="checkbox"/>
Steel Traffic Signal and Light Poles, Towers and Mast Arms	Yes	<input type="checkbox"/>
Metal Railings (excluding wire fence)	Yes	<input type="checkbox"/>
Frames and Grates	Yes	<input type="checkbox"/>

Signature: _____ **Date:** _____

State of Illinois
 DEPARTMENT OF TRANSPORTATION
 Bureau of Local Roads & Streets
 SPECIAL PROVISION
 FOR
 LOCAL QUALITY ASSURANCE/ QUALITY MANAGEMENT QC/QA
 Effective: January 1, 2022

Replace the first five paragraphs of Article 1030.06 of the Standard Specifications with the following:

“1030.06 Quality Management Program. The Quality Management Program (QMP) will be Quality Control / Quality Assurance (QC/QA) according to the following.”

Delete Article 1030.06(d)(1) of the Standard Specifications.

Revise Article 1030.09(g)(3) of the Standard Specifications to read:

“(3) If core testing is the density verification method, the Contractor shall provide personnel and equipment to collect density verification cores for the Engineer. Core locations will be determined by the Engineer following the document “Hot-Mix Asphalt QC/QA Procedure for Determining Random Density Locations” at density verification intervals defined in Article 1030.09(b). After the Engineer identifies a density verification location and prior to opening to traffic, the Contractor shall cut a 4 in. (100 mm) diameter core. With the approval of the Engineer, the cores may be cut at a later time.”

Revise Article 1030.09(h)(2) of the Standard Specifications to read:

“(2) After final rolling and prior to paving subsequent lifts, the Engineer will identify the random density verification test locations. Cores or nuclear density gauge testing will be used for density verification. The method used for density verification will be as selected below.

Density Verification Method	
<input type="checkbox"/>	Cores
<input checked="" type="checkbox"/>	Nuclear Density Gauge (Correlated when paving \geq 3,000 tons per mixture)

Density verification test locations will be determined according to the document “Hot-Mix Asphalt QC/QA Procedure for Determining Random Density Locations”. The density testing interval for paving wider than or equal to 3 ft (1 m) will be 0.5 miles (800 m) for lift thicknesses of 3 in. (75 mm) or less and 0.2 miles (320 m) for lift thicknesses greater than 3 in. (75 mm). The density testing interval for paving less than 3 ft (1 m) wide will be 1 mile (1,600 m). If a day’s paving will be less than the prescribed density testing interval, the length of the day’s paving will be the interval for that day. The density testing interval for mixtures used for patching will be 50 patches with a minimum of one test per mixture per project.

If core testing is the density verification method, the Engineer will witness the Contractor coring, and secure and take possession of all density samples at the

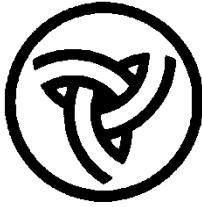
density verification locations. The Engineer will test the cores collected by the Contractor for density according to Illinois Modified AASHTO T 166 or AASHTO T 275.

If nuclear density gauge testing is the density verification method, the Engineer will conduct nuclear density gauge tests. The Engineer will follow the density testing procedure detailed in the document "Illinois Modified ASTM D 2950, Standard Test Method for Density of Bituminous Concrete In-Place by Nuclear Method".

A density verification test will be the result of a single core or the average of the nuclear density tests at one location. The results of each density test must be within acceptable limits. The Engineer will promptly notify the Contractor of observed deficiencies."

Revise the seventh paragraph and all subsequent paragraphs in Section D. of the document "Hot-Mix Asphalt QC/QA Initial Daily Plant and Random Samples" to read:

"Mixtures shall be sampled from the truck at the plant by the Contractor following the same procedure used to collect QC mixture samples (Section A). This process will be witnessed by the Engineer who will take custody of the verification sample. Each sample bag with a verification mixture sample will be secured by the Engineer using a locking ID tag. Sample boxes containing the verification mixture sample will be sealed/taped by the Engineer using a security ID label."



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston 

Subject: Special Provision for Aggregate Subgrade Improvement

Date: January 14, 2022

This special provision was developed by the Central Bureau of Materials to allow the use of coarse aggregate in fills ranging from 12 in. to over 24 in. in thickness. It has been revised to reduce the CA 2, CA 6, and CA 10 maximum lift thickness from 12 inches to 9 inches. In addition, it has been revised to fit with the 2022 Standard Specifications.

It should be included in contracts utilizing aggregate subgrade improvement.

The designer should check with the District Geotechnical Engineer to determine the appropriate thickness of the aggregate subgrade material.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the April 29, 2022 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80274m

AGGREGATE SUBGRADE IMPROVEMENT (BDE)

Effective: April 1, 2012

Revised: April 1, 2022

Add the following Section to the Standard Specifications:

“SECTION 303. AGGREGATE SUBGRADE IMPROVEMENT

303.01 Description. This work shall consist of constructing an aggregate subgrade improvement (ASI).

303.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Coarse Aggregate	1004.07
(b) Reclaimed Asphalt Pavement (RAP)	1031.09

303.03 Equipment. The vibratory roller shall be according to Article 1101.01, or as approved by the Engineer. Vibratory machines, such as tampers, shall be used in areas where rollers do not fit.

303.04 Soil Preparation. The minimum immediate bearing value (IBV) of the soil below the improved subgrade shall be according to the Department's "Subgrade Stability Manual" for the aggregate thickness specified.

303.05 Placing and Compacting. The maximum nominal lift thickness of aggregate gradations CA 2, CA 6, and CA 10 when compacted shall be 9 in. (225 mm). The maximum nominal lift thickness of aggregate gradations CS 1, CS 2, and RR 1 when compacted shall be 24 in. (600 mm).

The top surface of the aggregate subgrade improvement shall consist of a layer of capping aggregate gradations CA 6 or CA 10 that is 3 in. (75 mm) thick after compaction. Capping aggregate will not be required when aggregate subgrade improvement is used as a cubic yard pay item for undercut applications.

Each lift of aggregate shall be compacted to the satisfaction of the Engineer. If the moisture content of the material is such that compaction cannot be obtained, sufficient water shall be added so that satisfactory compaction can be obtained.

303.06 Finishing and Maintenance. The aggregate subgrade improvement shall be finished to the lines, grades, and cross sections shown on the plans, or as directed by the Engineer. The aggregate subgrade improvement shall be maintained in a smooth and compacted condition.

303.07 Method of Measurement. This work will be measured for payment according to Article 311.08.

303.08 Basis of Payment. This work will be paid for at the contract unit price per cubic yard (cubic meter) or ton (metric ton) for AGGREGATE SUBGRADE IMPROVEMENT or at the contract unit price per square yard (square meter) for AGGREGATE SUBGRADE IMPROVEMENT, of the thickness specified."

Add the following to Section 1004 of the Standard Specifications:

"1004.07 Coarse Aggregate for Aggregate Subgrade Improvement (ASI). The aggregate shall be according to Article 1004.01 and the following.

- (a) Description. The coarse aggregate shall be crushed gravel, crushed stone, or crushed concrete. In applications where greater than 24 in. (600 mm) of ASI material is required, gravel may be used below the top 12 in (300 mm) of ASI.
- (b) Quality. The coarse aggregate shall consist of sound durable particles reasonably free of deleterious materials.
- (c) Gradation.
 - (1) The coarse aggregate gradation for total ASI thickness less than or equal to 12 in. (300 mm) shall be CA 2, CA 6, CA 10, or CS 1.

The coarse aggregate gradation for total ASI thickness greater than 12 in. (300 mm) shall be CS 1 or CS 2 as shown below or RR 1 according to Article 1005.01(c).

COARSE AGGREGATE SUBGRADE GRADATIONS					
Grad No.	Sieve Size and Percent Passing				
	8"	6"	4"	2"	#4
CS 1	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20
CS 2		100	80 ± 10	25 ± 15	

COARSE AGGREGATE SUBGRADE GRADATIONS (Metric)					
Grad No.	Sieve Size and Percent Passing				
	200 mm	150 mm	100 mm	50 mm	4.75 mm
CS 1	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20
CS 2		100	80 ± 10	25 ± 15	

- (2) Capping aggregate shall be gradation CA 6 or CA 10."

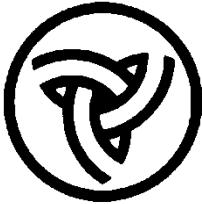
Add the following to Article 1031.09 of the Standard Specifications:

- "(b) RAP in Aggregate Subgrade Improvement (ASI). RAP in ASI shall be according to Articles 1031.01(a), 1031.02(a), 1031.06(a)(1), and 1031.06(a)(2), and the following.

- (1) The testing requirements of Article 1031.03 shall not apply.
- (2) Crushed RAP used for the lower lift may be mechanically blended with aggregate gradations CS 1, CS 2, and RR 1 but it shall be no greater than 40 percent of the total product volume. RAP agglomerations shall be no greater than 4 in. (100 mm).
- (3) For capping aggregate, well graded RAP having 100 percent passing the 1 1/2 in. (38 mm) sieve may be used when aggregate gradations CS 1, CS 2, CA 2, or RR 1 are used in the lower lift. FRAP will not be permitted as capping material.

Blending shall be through calibrated interlocked feeders or a calibrated blending plant such that the prescribed blending percentage is maintained throughout the blending process. The calibration shall have an accuracy of ± 2.0 percent of the actual quantity of material delivered."

80274



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston

Subject: Special Provision for Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar

Date: September 26, 2025

A handwritten signature in blue ink that reads "Jack A. Elston". The signature is fluid and cursive, with "Jack" and "Elston" being the most distinct parts.

This special provision was developed by the Central Bureau of Materials to transition concrete admixtures to AASHTO Product Eval and Audit testing, increase retesting intervals for repair material, to more widely allow Type IL cement and ground granulated blast furnace slag, and to bring in existing special provisions "Cement, Type IL (BDE)" and "Portland Cement Concrete (BDE)". It has been revised to further update testing requirements, incorporate fibers into concrete mixes, and update material and/or equipment requirements for concrete repair mixes, water for concrete, and mobile mixers for concrete.

This special provision should be inserted into all contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 16, 2026 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80460m

CEMENT, FINELY DIVIDED MINERALS, ADMIXTURES, CONCRETE, AND MORTAR (BDE)

Effective: January 1, 2025

Revised: January 1, 2026

Revise the first paragraph of Article 285.05 of the Standard Specifications to read:

“285.05 Fabric Formed Concrete Revetment Mat. The grout shall consist of a mixture of cement, fine aggregate, and water so proportioned and mixed as to provide a pumpable slurry. Fly ash or ground granulated blast furnace (GGBF) slag, and concrete admixtures may be used at the option of the Contractor. The grout shall have an air content of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The mix shall obtain a compressive strength of 2500 psi (17,000 kPa) at 28 days according to Article 1020.09.”

Revise Article 302.02 of the Standard Specifications to read:

“302.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Hydrated Lime	1012.01
(d) By-Product, Hydrated Lime	1012.02
(e) By-Product, Non-Hydrated Lime	1012.03
(f) Lime Slurry	1012.04
(g) Fly Ash	1010
(h) Soil for Soil Modification (Note 1)	1009.01
(i) Bituminous Materials (Note 2)	1032

Note 1. This soil requirement only applies when modifying with lime (slurry or dry).

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250.”

Revise Article 312.07(c) of the Standard Specifications to read:

“(c) Cement

1001”

Add Article 312.07(i) of the Standard Specifications to read:

“(i) Ground Granulated Blast Furnace (GGBF) Slag

1010”

Revise the first paragraph of Article 312.09 of the Standard Specifications to read:

“312.09 Proportioning and Mix Design. At least 60 days prior to start of placing CAM II, the Contractor shall submit samples of materials to be used in the work for proportioning and testing. The mixture shall contain a minimum of 200 lb (120 kg) of cement per cubic yard (cubic meter). Cement may be replaced with fly ash or ground granulated blast furnace (GGBF) slag according to Article 1020.05(c)(1) or 1020.05(c)(2), respectively, however the minimum cement content in the mixture shall be 170 lbs/cu yd (101 kg/cu m). Blends of coarse and fine aggregates will be permitted, provided the volume of fine aggregate does not exceed the volume of coarse aggregate. The Engineer will determine the proportions of materials for the mixture according to the “Portland Cement Concrete Level III Technician Course” manual. However, the Contractor may substitute their own mix design. Article 1020.05(a) shall apply, and a Level III PCC Technician shall develop the mix design.”

Revise Article 352.02 of the Standard Specifications to read:

“352.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement (Note 1)	1001
(b) Soil for Soil-Cement Base Course	1009.03
(c) Water	1002
(d) Bituminous Materials (Note 2)	1032

Note 1. Bulk cement may be used for the traveling mixing plant method if the equipment for handling, weighing, and spreading the cement is approved by the Engineer.

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250.”

Revise Article 404.02 of the Standard Specifications to read:

“404.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate	1003.08
(d) Bituminous Material (Tack Coat)	1032.06
(e) Emulsified Asphalts (Note 1) (Note 2)	1032.06
(f) Fiber Modified Joint Sealer	1050.05
(g) Additives (Note 3)	

Note 1. When used for slurry seal, the emulsified asphalt shall be CQS-1h according to Article 1032.06(b).

Note 2. When used for micro-surfacing, the emulsified asphalt shall be CQS-1hP according to Article 1032.06(e).

Note 3. Additives may be added to the emulsion mix or any of the component materials to provide the control of the quick-traffic properties. They shall be included as part of the mix design and be compatible with the other components of the mix.

Revise the last sentence of the fourth paragraph of Article 404.08 of the Standard Specifications to read:

“When approved by the Engineer, the sealant may be dusted with fine sand, cement, or mineral filler to prevent tracking.”

Revise Note 2 of Article 516.02 of the Standard Specifications to read:

“Note 2. The sand-cement grout mix shall be according to Section 1020 and shall be a 1:1 blend of sand and cement comprised of a Type I, II, or III cement at 185 lb/cu yd (110 kg/cu m). The maximum water cement ratio shall be sufficient to provide a flowable mixture with a typical slump of 10 in. (250 mm).”

Revise Note 2 of Article 543.02 of the Standard Specifications to read:

“Note 2. The grout mixture shall be 6.50 hundredweight/cu yd (385 kg/cu m) of cement plus fine aggregate and water. Fly ash or ground granulated blast furnace (GGBF) slag may replace a maximum of 5.25 hundredweight/cu yd (310 kg/cu m) of the cement. The water/cement ratio, according to Article 1020.06, shall not exceed 0.60. An air-entraining admixture shall be used to produce an air content, according to Article 1020.08, of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The Contractor shall have the option to use a water-reducing or high range water-reducing admixture.”

Revise Article 583.01 of the Standard Specifications to read:

“583.01 Description. This work shall consist of placing cement mortar along precast, prestressed concrete bridge deck beams as required for fairing out any unevenness between adjacent deck beams prior to placing of waterproofing membrane and surfacing.”

Revise Article 583.02(a) of the Standard Specifications to read:

“(a) Cement 1001”

Revise the first paragraph of Article 583.03 of the Standard Specifications to read:

“583.03 General. This work shall only be performed when the air temperature is 45 °F (7 °C) and rising. The mixture for cement mortar shall consist of three parts sand to one part cement by volume. The amount of water shall be no more than that necessary to produce a workable, plastic mortar.”

Revise Article 606.02(h) of the Standard Specifications to read:

“(h) Fibers (Note 1)1014”

Revise Note 1 in Article 606.02(h) of the Standard Specifications to read:

“Note 1. Fibers, when required, shall only be used in the concrete mixture for slipform applications.”

Revise the third paragraph in Article 606.10 of the Standard Specifications to read:

“Welded wire fabric shall be 6 x 6 in. (150 x 150 mm) mesh, #4 gauge (5.74 mm), 58 lb (26 kg) per 100 sq ft (9 sq m).”

Revise Article 1001.01(d) of the Standard Specifications to read:

“(d) Rapid Hardening Cement. Rapid hardening cement shall be according to the Bureau of Materials Policy Memorandum “Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants”, and ASTM C 1600, Type URH, Type VRH, or Type RH-CAC. It shall be used according to Article 1020.04 or when approved by the Engineer. The Contractor shall submit a report from the manufacturer or an independent lab that contains results for testing according to ASTM C 1600 which shows the cement meets the requirements of either Type URH, Type VRH, or Type RH-CAC. Test data shall be less than 1 year old from the date of submittal.

Revise Article 1001.01(e) of the Standard Specifications to read:

“(e) Other Cements. Other cements shall be according to the Bureau of Materials Policy Memorandum “Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants”, and ASTM C 1157 or ASTM C 1600, as applicable. Other cements shall be used according to Article 1020.04 or when approved by the Engineer. For cements according to ASTM C 1157, the Contractor shall submit a report from the manufacturer or an independent lab that contains results of tests which shows the cement meets the requirements Type GU, HE, MS, MH, or LH. For cements according to ASTM C 1600, the Contractor shall submit a report from the manufacturer or an independent lab that contains results of tests which shows the cement meets the requirements Type MRH or GRH. Test data shall be less than 1 year old from the date of submittal.”

Revise Article 1002.02 of the Standard Specifications to read:

“1002.02 Quality. Water used with cement in concrete or mortar and water used for curing concrete shall be clean, clear, and free from sugar. In addition, water shall be tested and evaluated for acceptance according to one of the following options.

OPTION 1.

(a) Acceptable limits for acidity and alkalinity when tested according to ITP T 26.

(1) Acidity -- 0.1 Normal NaOH 2 ml max.*
 (2) Alkalinity -- 0.1 Normal HCl 10 ml max.*
 *To neutralize 200 ml sample.

(b) Acceptable limits for solids when tested according to the following.

(1) Organic (ITP T 26) 0.02% max.
 (2) Inorganic (ITP T 26) 0.30% max.
 (3) Sulfate (SO₄) (ASTM D 516-82) 0.05% max.
 (4) Chloride (ASTM D 512) 0.06% max.

(c) The following tests shall be performed on the water sample and on deionized water. The same cement and sand shall be used for both tests.

(1) Unsoundness (ASTM C 151).
 (2) Initial and Final Set Time (ASTM C 266).
 (3) Strength (ASTM C 109).

The test results for the water sample shall not deviate from the test results for the deionized water, except as allowed by the precision in the test method.

OPTION 2. Water shall meet the requirements ASTM C 1602 Tables 1 and 2 as outlined in Sections 5.1, 5.2, and 5.4."

Revise Note 2/ in Article 1003.01(b) of the Standard Specifications to read:

"2/ Applies only to sand. Sand exceeding the colorimetric test standard of 11 (Illinois Modified AASHTO T 21) will be checked for mortar making properties according to Illinois Modified ASTM C 87 and shall develop a compressive strength at the age of 14 days when using Type I, IL, or II cement of not less than 95 percent of the comparable standard.

Revise the second sentence of Article 1003.02(e)(1) of the Standard Specifications to read:

"The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content (Na₂O + 0.658K₂O) of 0.90 percent or greater."

Revise the first sentence of the second paragraph of Article 1003.02(e)(3) of the Standard Specifications to read:

"The ASTM C 1293 test shall be performed with Type I, IL, or II portland cement having a total equivalent alkali content (Na₂O + 0.658K₂O) of 0.80 percent or greater."

Revise the second sentence of Article 1004.02(g)(1) of the Standard Specifications to read:

“The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$) of 0.90 percent or greater.”

Add the following Section to the Standard Specifications.

“SECTION 1014. FIBERS FOR CONCRETE

1014.01 General. Fibers used in concrete shall be Type II or Type III (polyolefin or carbon) according to ASTM C 1116. The testing required for Type II fibers or Type III polyolefin fibers shall be performed by an independent lab a minimum of once every five years, and the test results provided to the Department. Manufacturers of Type III carbon fibers shall provide materials certification documentation not more than 6 years old a minimum of once every 5 years to the Department. The Department will maintain a qualified product list. The method of inclusion of fibers into concrete mixtures shall be according to the manufacturer's specifications.

At the discretion of the Engineer, the concrete mixture shall be evaluated in a field demonstration for fiber clumping, ease of placement, and ease of finishing. The field demonstration shall consist of a minimum 2 cu yd (1.5 cu m) trial batch placed in a 12 ft x 12 ft (3.6 m x 3.6 m) slab.

1014.02 Concrete Gutter, Curb, Median and Paved Ditch. Fibers shall be Type III. Fibers shall have a minimum length of 1/2 in. (13 mm) and a maximum length of 0.75 in. (19 mm). The maximum dosage rate in the concrete mixture shall not exceed 1.5 lb/cu yd (0.9 kg/cu m). The minimum dosage rate shall be per the manufacturer's recommendation.

1014.03 Concrete Inlay or Overlay. Fibers shall be Type III. Fibers shall have a minimum length of 1.0 in. (25 mm), a maximum length of 2 1/2 in. (63 mm), and a maximum aspect ratio (length divided by the equivalent diameter of the fiber) of 150. The maximum dosage rate shall not exceed 5.0 lb/cu yd (3.0 kg/cu m). The minimum dosage rate shall be per the manufacturer's recommendation.

1014.04 Bridge Deck Fly Ash, Ground Granulated Blast Furnace (GGBF) Slag, High Reactivity Metakaolin, or Microsilica (Silica Fume) Concrete Overlay. Fibers shall be Type III. The dosage rate shall be a minimum of 3.0 lb/cu yd (1.8 kg/cu m), unless a field demonstration according to Article 1014.01 indicates that a lower dosage rate is necessary. Based on the results of the field demonstration, the Department has the option to reduce the dosage rate of fibers, but the dosage will not be reduced to less than 2.0 lb / cu yd (1.2 kg/cu m).

1014.05 Bridge Deck Latex Concrete Overlay. Fibers shall be Type II or III. Fibers shall have a minimum length of 0.75 in. (19 mm), a maximum length of 1.75 in. (45 mm), and an aspect ratio (length divided by the equivalent diameter of the fiber) of between 70 and 100. The dosage rate shall be a minimum of 3.0 lb/cu yd (1.8 kg/cu m), unless a field demonstration according to Article 1014.01 indicates that a lower dosage rate is necessary. Based on the results of the field

demonstration, the Department has the option to reduce the dosage rate of fibers, but the dosage will not be reduced to less than 2.0 lb/cu yd (1.2 kg/cu m)."

Add the following Section to the Standard Specifications:

"SECTION 1015. HIGH PERFORMANCE SHOTCRETE

1015.01 Packaged Shotcrete With Aggregate. The packaged shotcrete with aggregate shall be a pre-blended dry combination of materials for the wet-mix shotcrete method according to ASTM C 1480, Type FA or CA, Grade FR, Class I. The fibers shall be Type III according to Article 1014.01. The cement and finely divided minerals in the mixture shall be a minimum 6.65 cwt/cu yd (395 kg/cu m), and the portland cement shall not be below 4.70 cwt/cu yd (279 kg/cu m). Microsilica is required in the mixture and shall be a minimum of 5 percent by weight (mass) of cementitious material, and a maximum of 10 percent. Strength requirements shall be according to ASTM C 1480 except that the strength at 28 days shall be at least 4000 psi (27,500 kPa). Strength testing shall be according to ASTM C 1140. The air content as shot shall be 4.0 – 8.0 percent when tested according to AASHTO T 152, and the coarse aggregate shall be a maximum size of 1/2 in. (12.5 mm).

The packaged shotcrete shall have a water soluble chloride ion content of less than 0.15% by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260.

The testing according to ASTM C 1480, ASTM C 1140, AASHTO 152, and ASTM C 1218 or AASHTO T 260 shall be performed by an independent lab a minimum of once every 5 years, and the test results shall be provided to the Department. The Department will maintain a qualified product list. Batching and mixing shall be per the manufacturer's recommendations.

1015.02 Packaged Shotcrete Without Aggregate. The packaged shotcrete that does not include pre-blended aggregate shall be according to Article 1015.01, except the added aggregate shall be according to Articles 1003.02 and 1004.02. The aggregate gradation shall be according to the manufacturer. The Department will maintain a qualified product list. Batching and mixing shall be per the manufacturer's recommendations."

Revise Section 1017 of the Standard Specifications to read:

"SECTION 1017. PACKAGED, DRY, COMBINED MATERIALS FOR MORTAR AND CONCRETE

1017.01 Mortar. The mortar shall be high-strength according to ASTM C 387 and shall have a minimum 80.0 percent relative dynamic modulus of elasticity when tested according to AASHTO T 161. For prestressed concrete applications, the mortar shall have a water-soluble chloride ion content of less than 0.06 percent by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260; and for non-prestressed concrete applications, the water soluble chloride content shall be less than 0.15 percent by weight of cementitious material. The testing according to ASTM C 387, AASHTO T 161, and either ASTM C 1218 or AASHTO T 260 shall be performed by an independent lab a minimum of once every five years, and the test results

shall be provided to the Department. The Department will maintain a qualified product list. Mixing of the high-strength mortar shall be according to the manufacturer's specifications.

1017.02 Concrete. The materials, testing, and preparation of aggregate for the "high slump" packaged concrete mixture shall be according to ASTM C 387. The mixture shall be air entrained, the slump shall be 5-10 in. (125-250 mm), and the coarse aggregate shall be a maximum size of 1/2 in. (12.5 mm). Strength requirements shall be according to ASTM C 387 except that the strength at 28 days shall be at least 4000 psi (27,500 kPa). The "high slump" packaged concrete mixture shall have a water soluble chloride ion content of less than 0.15% by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260. The testing according to ASTM C 387, and either ASTM C 1218 or AASHTO T 260 shall be performed by an independent lab a minimum of once every 5 years, and the test results shall be provided to the Department. The Department will maintain a qualified product list. Mixing shall be per the manufacturer's recommendations.

1017.02 Self-Consolidating Concrete. The materials, testing, and preparation of aggregate for the "self-consolidating concrete" packaged concrete mixture shall be according to ASTM C 387. The mixture shall be air entrained, it should be uniformly graded, and the coarse aggregate shall be a maximum size of 1/2 in. (12.5 mm). Strength requirements shall be according to ASTM C 387 except that the strength at 28 days shall be at least 4000 psi (27,500 Pa). Slump flow range shall be 22 in. (550 mm) minimum to 28 in. (700 mm) maximum when tested according to AASHTO T 347. The visual stability index shall be a maximum of 1 when tested according to AASHTO T 351. At the option of the manufacturer, either the J-Ring value shall be a maximum of 2 in. (50 mm) when tested according to AASHTO T 347 or the L-Box blocking ratio shall be a minimum of 80 percent when tested according AASHTO T 419. The hardened visual stability index shall be a maximum of 1 when tested according to AASHTO R 81.

The "self -consolidating concrete" packaged concrete mixture shall have a water soluble chloride ion content of less than 0.15 percent by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260.

The testing according to ASTM C 387, AASHTO T 347, AASHTO T 351, AASHTO T 419, AASHTO R 81, ASTM C 1218 and AASHTO T 260 shall be performed by an independent lab a minimum of once every 5 years, and the test results shall be provided to the Department. The Department will maintain a qualified product list. Mixing shall be per the manufacturer's recommendations."

Revise Article 1018.01 of the Standard Specifications to read:

"1018.01 Requirements. The rapid hardening mortar or concrete shall be according to ASTM C 928 and shall have successfully completed and remain current with the AASHTO Product Eval and Audit Rapid Hardening Concrete Patching Materials (RHCP) testing program. R1, R2, or R3 concrete shall be air entrained, the slump shall be 5-10 in. (125-250 mm), and the coarse aggregate shall be a maximum size of 1/2 in. (12.5 mm). For prestressed concrete applications, the mortar or concrete shall have a water-soluble chloride ion content of less than 0.06 percent by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260;

and for non-prestressed concrete applications, the water soluble chloride content shall be less than 0.15 percent by weight of cementitious material. The Department will maintain a qualified product list. Mixing of the mortar or concrete shall be according to the manufacturer's specifications..”

Revise Article 1019.02 of the Standard Specifications to read:

“1019.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate for Controlled Low-Strength Material (CLSM)	1003.06
(d) Fly Ash	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(f) Admixtures (Note 1)	

Note 1. The air-entraining admixture may be in powder or liquid form. The air content produced by the admixture shall be 15-25 percent when incorporated into Mix 2 or an equivalent mixture as determined by the Department and tested according to AASHTO T 121 or AASHTO T 152. The testing according to AASHTO T 121 or AASHTO T 152 shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. The Department will maintain a qualified product list.”

Revise the third paragraph of Article 1019.04 of the Standard Specifications to read:

“The Engineer will instruct the Contractor to adjust the proportions of the mix design in the field as needed to meet the design criteria, provide adequate flowability, maintain proper solid suspension, or other criteria established by the Engineer.”

Revise Article 1019.05 of the Standard Specifications to read:

“1019.05 Department Mix Design. The Department mix design shall be Mix 1, 2, or 3 and shall be proportioned to yield approximately one cubic yard (cubic meter).

Mix 1	
Cement	50 lb (30 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2900 lb (1720 kg)
Water	50-65 gal (248-322 L)
Air Content	No air is entrained

Mix 2	
Cement	125 lb (74 kg)

Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (173-248 L)
Air Content	15-25 %

Mix 3	
Cement	40 lb (24 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (179-248 L)
Air Content	15-25 %"

Revise Article 1020.04, Table 1, Note (8) of the Standard Specifications to read:

“(8) In addition to the Type III portland cement, 100 lb/cu yd of ground granulated blast-furnace slag and 50 lb/cu yd of microsilica (silica fume) shall be used. For an air temperature greater than 85 °F, the Type III portland cement may be replaced with Type I, IL, or II portland cement.”

Revise Article 1020.04, Table 1 (Metric), Note (8) of the Standard Specifications to read:

“(8) In addition to the Type III portland cement, 60 kg/cu m of ground granulated blast-furnace slag and 30 kg/cu m of microsilica (silica fume) shall be used. For an air temperature greater than 30 °C, the Type III portland cement may be replaced with Type I, IL, or II portland cement.”

Revise Note 9 of Table 1 of Article 1020.04 of the Standard Specifications to read:

“(9) The cement shall be a rapid hardening according to Article 1001.01(d). Minimum or maximum cement factor may be adjusted when approved by the Engineer.”

Revise the second paragraph of Article 1020.05(a) of the Standard Specifications to read:

“For a mix design using a portland-pozzolan cement, portland blast-furnace slag cement, portland-limestone cement, or replacing portland cement with finely divided minerals per Articles 1020.05(c) and 1020.05(d), the Contractor may submit a mix design with a minimum portland cement content less than 400 lbs/cu yd (237 kg/cu m), but not less than 375 lbs/cu yd (222 kg/cu m), if the mix design is shown to have a minimum relative dynamic modulus of elasticity of 80 percent determined according to AASHTO T 161. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete.”

Revise the first sentence of the first paragraph of Article 1020.05(b) of the Standard Specifications to read:

“Corrosion inhibitors and concrete admixtures shall be according to the qualified product lists.”

Delete the fourth and fifth sentences of the second paragraph of Article 1020.05(b) of the Standard Specifications.

Revise Article 1020.05(b)(5) of the Standard Specifications to read:

“(5) For Class PP-4 concrete, a high range water-reducing admixture, retarder, and/or hydration stabilizer may be used in addition to the air-entraining admixture. The Contractor also has the option to use a water-reducing admixture with the high range water-reducing admixture. An accelerator shall not be used. A mobile portland cement concrete plant shall be used to produce the patching mixture.

For PP-5 concrete, a non-chloride accelerator, high range water-reducing admixture, retarder, hydration stabilizer, and/or air-entraining admixture may be used. The accelerator, high range water-reducing admixture, retarder, hydration stabilizer, and/or air-entraining admixture shall be per the Contractor’s recommendation and dosage. The qualified product list of concrete admixtures shall not apply. A mobile portland cement concrete plant shall be used to produce the patching mixture.”

Revise second paragraph of Article 1020.05(b)(10) of the Standard Specifications to read:

“When calcium nitrite is used, it shall be added at the rate of 4 gal/cu yd (20 L/cu m) and shall be added to the mix immediately after all compatible admixtures have been introduced to the batch. Other corrosion inhibitors shall be added per the manufacturer’s specifications.”

Delete the third paragraph of Article 1020.05(b)(10) of the Standard Specifications.

Revise Article 1020.15(b)(1)c. of the Standard Specifications to read:

“c. The minimum portland cement content in the mixture shall be 375 lbs/cu yd (222 kg/cu m). When the total of organic processing additions, inorganic processing additions, and limestone addition exceed 5.0 percent in the cement, the minimum portland cement content in the mixture shall be 400 lbs/cu yd (237 kg/cu m). For a drilled shaft, foundation, footing, or substructure, the minimum portland cement may be reduced to as low as 330 lbs/cu yd (196 kg/cu m) if the concrete has adequate freeze/thaw durability. The Contractor shall provide freeze/thaw test results according to AASHTO T 161, and the relative dynamic modulus of elasticity of the mix design shall be a minimum of 80 percent. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. Freeze/thaw testing will not be required for concrete that will not be exposed to freezing and thawing conditions as determined by the Engineer.”

Revise Article 1021.01 of the Standard Specifications to read:

“1021.01 General. Admixtures shall be furnished in liquid or powder form ready for use. The admixtures shall be delivered in the manufacturer's original containers, bulk tank trucks or such containers or tanks as are acceptable to the Engineer. Delivery shall be accompanied by a ticket which clearly identifies the manufacturer, the date of manufacture, and trade name of the material. Containers shall be readily identifiable as to manufacturer, the date of manufacture, and trade name of the material they contain.

Concrete admixtures shall be on one of the Department's qualified product lists. Unless otherwise noted, admixtures shall have successfully completed and remain current with the AASHTO Product Eval and Audit Concrete Admixture (CADD) testing program. For admixture submittals to the Department; the product brand name, manufacturer name, admixture type or types, an electronic link to the product's technical data sheet, and the NTPEP testing number which contains an electronic link to all test data shall be provided. In addition, a letter shall be submitted certifying that no changes have been made in the formulation of the material since the most current round of tests conducted by AASHTO Product Eval and Audit. After 28 days of testing by AASHTO Product Eval and Audit, air-entraining admixtures may be provisionally approved and used on Departmental projects. For all other admixtures, unless otherwise noted, the time period after which provisionally approved status may be earned is 6 months.

The manufacturer shall include the following in the submittal to the AASHTO Product Eval and Audit CADD testing program: the manufacturing range for specific gravity, the midpoint and manufacturing range for residue by oven drying, and manufacturing range of pH. The submittal shall also include an infrared spectrophotometer trace no more than five years old.

For air-entraining admixtures according to Article 1021.02, the specific gravity allowable manufacturing range established by the manufacturer shall be according to AASHTO M 194. For residue by oven drying and pH, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

For admixtures according to Articles 1021.03, 1021.04, 1021.05, 1021.06, 1021.07, and 1021.08, the pH allowable manufacturing range established by the manufacturer shall be according to ASTM E 70. For specific gravity and residue by oven drying, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

All admixtures, except chloride-based accelerators, shall contain a maximum of 0.3 percent chloride by weight (mass) as determined by an appropriate test method. To verify the test result, the Department will use Illinois Modified AASHTO T 260, Procedure A, Method 1.

Prior to final approval of an admixture, the Engineer reserves the right to request a sample for testing. The test and reference concrete mixtures tested by the Engineer will contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). For freeze-thaw testing, the Department will perform the test according to Illinois Modified AASHTO T 161. The flexural strength test will be performed according to AASHTO T 177. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO.

Random field samples may be taken by the Department to verify an admixture meets specification. A split sample will be provided to the manufacturer if requested. Admixtures that do not meet specification requirements or an allowable manufacturing range established by the manufacturer shall be replaced with new material."

Revise Article 1021.03 of the Standard Specifications to read:

"1021.03 Retarding and Water-Reducing Admixtures. The admixture shall be according to the following.

- (a) Retarding admixtures shall be according to AASHTO M 194, Type B (retarding) or Type D (water-reducing and retarding).
- (b) Water-reducing admixtures shall be according to AASHTO M 194, Type A.
- (c) High range water-reducing admixtures shall be according to AASHTO M 194, Type F (high range water-reducing) or Type G (high range water-reducing and retarding)."

Revise Article 1021.05 of the Standard Specifications to read:

"1021.05 Self-Consolidating Admixtures. Self-consolidating admixture systems shall consist of either a high range water-reducing admixture only or a high range water-reducing admixture combined with a separate viscosity modifying admixture. The one or two component admixture system shall be capable of producing a concrete that can flow around reinforcement and consolidate under its own weight without additional effort and without segregation.

High range water-reducing admixtures shall be according to AASHTO M 194, Type F.

Viscosity modifying admixtures shall be according to AASHTO M 194, Type S (specific performance)."

Revise Article 1021.06 of the Standard Specifications to read:

"1021.06 Rheology-Controlling Admixture. Rheology-controlling admixtures shall be capable of producing a concrete mixture with a lower yield stress that will consolidate easier for slipform applications used by the Contractor. Rheology-controlling admixtures shall be according to AASHTO M 194, Type S (specific performance)."

Revise Article 1021.07 of the Standard Specifications to read:

"1021.07 Corrosion Inhibitor. The corrosion inhibitor shall be according to one of the following.

- (a) Calcium Nitrite. Corrosion inhibitors shall contain a minimum 30 percent calcium nitrite by weight (mass) of solution and shall comply with either the requirements of AASHTO

M 194, Type C (accelerating) or the requirements of ASTM C 1582. The corrosion inhibiting performance requirements of ASTM C 1582 shall not apply.

(b) Other Materials. The corrosion inhibitor shall be according to ASTM C 1582.

For submittals requiring testing according to ASTM M 194, Type C (accelerating), the admixture shall meet the requirements of the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01.

For submittals requiring testing according to ASTM C 1582, a report prepared by an independent laboratory accredited by AASHTO re:source for portland cement concrete shall be provided. The report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications. However, ASTM G 109 test information specified in ASTM C 1582 is not required to be from an independent accredited lab. All other information in ASTM C 1582 shall be from an independent accredited lab. Test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall instead be submitted directly to the Department."

Add Article 1021.08 of the Standard Specifications as follows:

"1021.08 Other Specific Performance Admixtures. Other specific performance admixtures shall, at a minimum, be according to AASHTO M 194, Type S (specific performance). The Department also reserves the right to require other testing, as determined by the Engineer, to show evidence of specific performance characteristics.

Initial testing according to AASHTO M 194 may be conducted under the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01, or by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. In either case, test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall also be submitted directly to the Department. The independent accredited lab report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications."

Add Article 1021.09 of the Standard Specifications as follows:

"1021.09 Latex Admixtures. The latex admixture shall be a uniform, homogeneous, non-toxic, film-forming, polymeric emulsion in water to which all stabilizers have been added at the point of manufacture. The latex admixture shall not contain any chlorides and shall contain 46-49 percent solids.

In lieu of meeting the requirements of Article 1021.01, the Contractor shall submit a manufacturer's certification that the latex emulsion meets the requirements of FHWA Research Report RD-78-35, Chapter VI. The certificate shall include the date of manufacture of the latex admixture, batch or lot number, quantity represented, manufacturer's name, and the location of the manufacturing plant. The latex emulsion shall be sampled and tested in accordance with RD-78-35, Chapter VII, Certification Program.

The latex admixture shall be packaged and stored in containers and storage facilities which will protect the material from freezing and from temperatures above 85°F (30°C). Additionally, the material shall not be stored in direct sunlight and shall be shaded when stored outside of buildings during moderate temperatures.”

Revise Article 1024.01 of the Standard Specifications to read:

“1024.01 Requirements for Grout. The grout shall be proportioned by dry volume, thoroughly mixed, and shall have a minimum temperature of 50 °F (10 °C). Water shall not exceed the minimum needed for placement and finishing.

Materials for the grout shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate	1003.02
(d) Fly Ash	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(f) Concrete Admixtures	1021”

Revise Note 1 of Article 1024.02 of the Standard Specifications to read:

“Note 1. Nonshrink grout shall be according to ASTM C 1107.

For prestressed concrete applications, the nonshrink grout shall have a water soluble chloride ion content of less than 0.06 percent by weight of cementitious material when tested according to ASTM C 1218 or AASHTO T 260; and for non-prestressed concrete applications, the water soluble chloride ion content shall be less than 0.15 percent by weight of cementitious material. The testing according to ASTM 1107, and either ASTM C 1218 or AASHTO T 260 shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. The Department will maintain a qualified product list. Mixing of the nonshrink grout shall be according to the manufacturer's specifications.”

Revise Article 1029.02 of the Standard Specifications to read:

“1029.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement.....	1001
(b) Fly Ash	1010
(c) Ground Granulated Blast Furnace (GGBF) Slag	1010
(d) Water.....	1002
(e) Fine Aggregate.....	1003
(f) Concrete Admixtures	1021

(g) Foaming Agent (Note 1)

Note 1. The manufacturer shall submit infrared spectrophotometer trace and test results indicating the foaming agent meets the requirements of ASTM C 869 in order to be on the Department's qualified product list. Submitted data/results shall not be more than five years old."

Revise the second paragraph of Article 1103.03(a)(4) the Standard Specifications to read:

"The dispenser system shall provide a visual indication that the liquid admixture is actually entering the batch, such as via a transparent or translucent section of tubing or by independent check with an integrated secondary metering device. If approved by the Engineer, an alternate indicator may be used for admixtures dosed at rates of 25 oz/cwt (1630 mL/100 kg) or greater, such as accelerating admixtures, corrosion inhibitors, and viscosity modifying admixtures."

Revise Article 1103.04 of the Standard Specifications to read:

“1103.04 Mobile Portland Cement Concrete Plants. The mobile concrete plant shall be according to AASHTO M 241 and the Bureau of Materials Policy Memorandum “Approval of Volumetric Mobile Mixers for Concrete”. The mixer shall be capable of carrying sufficient unmixed materials to produce not less than 6 cu yd (4.6 cu m) of concrete.”

Revise the first two sections of Check Sheet #11 “Subsealing of Concrete Pavements” of the Recurring Special Provisions to read:

Description. This work shall consist of filling voids beneath rigid and composite pavements with cement grout.

Materials. Materials shall be according to the following Articles/Sections of the Standard Specifications:

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fly Ash	1010
(d) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(e) Admixtures	1021
(f) Packaged Rapid Hardening Mortar or Concrete	1018”

Revise the Materials section of Check Sheet #28 “Portland Cement Concrete Inlay or Overlay” of the Recurring Special Provisions to read:

Materials. Materials shall be according to the following Articles/Sections of the Standard Specifications.

Item	Article/Section
(a) Portland Cement Concrete (Note 1)	1020
(b) Fibers for Concrete.....	1014
(c) Protective Coat.....	1023.01

Note 1. Class PV concrete shall be used, except the cement factor for central mixed concrete shall be 6.05 cwt/cu yd (360 kg/cu m). A cement factor reduction according to Article 1020.05(b)(8) of the Standard Specifications will be permitted. CA 5 shall not be used and CA 7 may only be used for overlays that are a minimum of 4.5 in. (113 mm) thick. The Class PV concrete shall have a minimum flexural strength of 550 psi (3800 kPa) or a minimum compressive strength of 3000 psi (20,700 kPa) at 14 days."

80460



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston 

Subject: Special Provision for Compensable Delay Costs

Date: January 11, 2019

This special provision was developed to allow the department to pay for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control when a contract delay meets certain criteria. It has been revised to remove the extended traffic control adjustment equations for completion date contracts and simply refer to Article 109.04

This special provision should be inserted into all contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the April 26, 2019 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory January 11, 2019.

80384m

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

“(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

(1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.

(2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.

(3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

Revise Article 107.40(c) of the Standard Specifications to read:

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

(1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

(2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

(3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

"(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item."

Revise Article 109.09(f) of the Standard Specifications to read:

"(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited.”

Add the following to Section 109 of the Standard Specifications.

“109.13 Payment for Contract Delay. Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
 - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk
Over \$50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

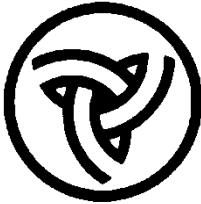
(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

80384



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston

Subject: Special Provision for Construction Air Quality – Diesel Retrofit

Date: September 27, 2024

A handwritten signature in blue ink that reads "Jack A. Elston". The signature is fluid and cursive, with "Jack" and "A." on the first line and "Elston" on the second line.

This special provision was developed by the Bureau of Design and Environment and the Bureau of Construction to reduce construction air emissions from older diesel equipment. It has been revised to update the weblink for the EPA verified technologies list and to eliminate the effective dates for retrofitting as they have all passed.

This special provision should be inserted in all projects within the following counties, townships and precinct; Cook, DuPage, Kane, Lake, McHenry, Will, Jersey, Madison, Monroe, St. Clair, Aux Sable and Goose Lake Township in Grundy County, Oswego Township in Kendall County, and Baldwin Precinct in Randolph County.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 17, 2025 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80261m

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010

Revised: January 1, 2025

The reduction of emissions of particulate matter (PM) for off-road equipment shall be accomplished by installing retrofit emission control devices. The term “equipment” refers to diesel fuel powered devices rated at 50 hp and above, to be used on the jobsite in excess of seven calendar days over the course of the construction period on the jobsite (including rental equipment).

Contractor and subcontractor diesel powered off-road equipment assigned to the contract shall be retrofitted according to the table below.

Horsepower Range	Model Year and Older
50-99	2003
100-299	2002
300-599	2000
600-749	2001
750 and up	2005

The retrofit emission control devices shall achieve a minimum PM emission reduction of 50 percent and shall be:

- a) Included on the U.S. Environmental Protection Agency (USEPA) *Verified Retrofit Technology List* (<https://www.epa.gov/verified-diesel-tech/verified-technologies-list-clean-diesel>), or verified by the California Air Resources Board (CARB) (<http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm>); or
- b) Retrofitted with a non-verified diesel retrofit emission control device if verified retrofit emission control devices are not available for equipment proposed to be used on the project, and if the Contractor has obtained a performance certification from the retrofit device manufacturer that the emission control device provides a minimum PM emission reduction of 50 percent.

Note: Large cranes (Crawler mounted cranes) which are responsible for critical lift operations are exempt from installing retrofit emission control devices if such devices adversely affect equipment operation.

Diesel powered off-road equipment with engine ratings of 50 hp and above, which are unable to be retrofitted with verified emission control devices or if performance certifications are not available which will achieve a minimum 50 percent PM reduction, may be granted a waiver by the Department if documentation is provided showing good faith efforts were made by the Contractor to retrofit the equipment.

Construction shall not proceed until the Contractor submits a certified list of the diesel powered off-road equipment that will be used, and as necessary, retrofitted with emission control devices. The list(s) shall include (1) the equipment number, type, make, Contractor/rental company name; and (2) the emission control devices make, model, USEPA or CARB verification number, or performance certification from the retrofit device manufacturer. Equipment reported as fitted with emissions control devices shall be made available to the Engineer for visual inspection of the device installation, prior to being used on the jobsite.

The Contractor shall submit an updated list of retrofitted off-road construction equipment as retrofitted equipment changes or comes on to the jobsite. The addition or deletion of any diesel powered equipment shall be included on the updated list.

If any diesel powered off-road equipment is found to be in non-compliance with any portion of this special provision, the Engineer will issue the Contractor a diesel retrofit deficiency deduction.

Any costs associated with retrofitting any diesel powered off-road equipment with emission control devices shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed. The Contractor's compliance with this notice and any associated regulations shall not be grounds for a claim.

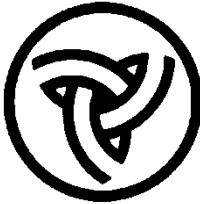
Diesel Retrofit Deficiency Deduction

When the Engineer determines that a diesel retrofit deficiency exists, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency continues to exist. The calendar day(s) will begin when the time period for correction is exceeded and end with the Engineer's written acceptance of the correction. The daily monetary deduction will be \$1,000.00 for each deficiency identified.

The deficiency will be based on lack of diesel retrofit emissions control.

If a Contractor accumulates three diesel retrofit deficiency deductions for the same piece of equipment in a contract period, the Contractor will be shutdown until the deficiency is corrected. Such a shutdown will not be grounds for any extension of the contract time, waiver of penalties, or be grounds for any claim.

80261



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston

Subject: Special Provision for Erosion Control Blanket

Date: April 18, 2025

A handwritten signature in blue ink that reads "Jack A. Elston". The signature is fluid and cursive, with "Jack" and "A." on the first line and "Elston" on the second line.

This special provision was developed by the Bureau of Design and Environment (BDE), in conjunction with ICT Research Project R27-229, to eliminate plastic netting from all erosion control blankets, remove heavy duty blankets, and add a wildlife safe option when there is a threatened or endangered species in the project area.

This special provision should be inserted into contracts containing any erosion control blanket (temporary, permanent, or wildlife friendly).

Designer Note: Designers should use the wildlife friendly erosion control blanket pay item(s) if there is a commitment to do so in the Phase I Natural Resource Review (NRR) Memorandum.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the August 1, 2025 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80467m

EROSION CONTROL BLANKET (BDE)

Effective: August 1, 2025

Revise Article 251.02 of the Standard Specifications to read:

“251.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Compost	1081.05(b)
(b) Mulch	1081.06(a)
(c) Chemical Mulch Binder	1081.06(a)(3)
(d) Chemical Compost Binder	1081.06(a)(4)
(e) Erosion Control Blanket	1081.10(a)
(f) Wildlife Friendly Erosion Control Blanket	1081.10(b)
(g) Wire Staples.....	1081.10(c)
(h) Wood Stakes	1081.10(d)
(i) Turf Reinforcement Mat	1081.10(e)"

Revise the first and second sentences of Article 251.04 of the Standard Specifications to read:

“251.04 Erosion Control Blanket. All erosion control blanket materials shall be placed on the areas specified within 24 hours of seed placement.”

Revise the second paragraph of Article 251.04 of the Standard Specifications to read:

“After the area has been properly shaped, fertilized (when applicable), and seeded, the blanket shall be laid out flat, evenly, and smoothly, without stretching the material. The erosion control blanket shall be placed according to the manufacturer’s recommendations.”

Revise the second sentence of Article 251.06(b) of the Standard Specifications to read:

“Erosion control blanket, wildlife friendly erosion control blanket, and turf reinforcement mat will be measured for payment in square yards (square meters).”

Revise Article 251.07 of the Standard Specifications to read:

“251.07 Basis of Payment. This work will be paid for at the contract unit price per acre (hectare) for MULCH, of the method specified; and at the contract unit price per square yard (square meter) for EROSION CONTROL BLANKET, WILDLIFE FRIENDLY EROSION CONTROL BLANKET, or TURF REINFORCEMENT MAT.”

Revise first sentence of Article 280.04(h) of the Standard Specifications to read:

“This system consists of temporarily installing erosion control blanket or wildlife friendly erosion control blanket over areas that are to be reworked during a later construction phase.”

Revise Article 280.08(g) of the Standard Specifications to read:

“(g) Temporary Erosion Control Blanket. Temporary erosion control blanket will be paid for at the contract unit price per square yard (square meter) for TEMPORARY EROSION CONTROL BLANKET or TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET.

The work of removing, storing, and reinstalling the blanket over areas to be reworked more than once will not be paid for separately but shall be included in the cost of the temporary erosion control blanket or temporary wildlife friendly erosion control blanket.”

Revise Article 1081.10 of the Standard Specifications to read:

“1081.10 Erosion Control Blankets. The manufacturer shall furnish a certificate with each shipment stating the amount of product furnished and that the material complies with these requirements.

(a) Erosion Control Blanket. Erosion control blanket shall be covered on top and bottom, also known as double net, with a 100 percent biodegradable woven, natural fiber or jute net meeting the following.

Material	Minimum Value
Excelsior	80%
Straw	100%
Coconut or Coir	100% Coconut or Coir
Straw/Coconut or Coir	70% Straw / 30% Coconut or Coir

(b) Wildlife Friendly Erosion Control Blanket. Wildlife friendly erosion control blanket shall be according to Article 1081.10(a) except the netting shall be loose weave, also known as leno weave or gauze weave, with a moveable joint.

(c) Wire Staples. Staples shall be made from No. 11 gauge or heavier uncoated black carbon steel wire, a minimum of 1 in. (25 mm) wide at the top and a minimum overall length of 8 in. (200 mm).

(d) Wood Stakes. Hardwood blanket anchors shall be nominally 7 in. (180 mm) long from neck of hook to tip of anchor. The anchor shall have a minimum 1/2 in. (13 mm) curving hook to hold the blanket in place.

(e) Turf Reinforcement Mat (TRM). The TRM shall be comprised of non-degradable, ultraviolet stabilized synthetic fibers, filaments, netting, and/or wire mesh processed into

a three-dimensional reinforced mat. The mats may include degradable material to assist with vegetation establishment. Soil filled mats will not be allowed.

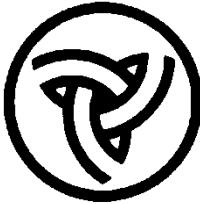
The TRM shall meet the following physical and performance properties:

Property	Value	Test Method
Tensile Strength, lb/ft (kN/m)	150 (2.19) min.	ASTM D 6818
UV Stability, (% Tensile Retained)	80 min.	ASTM D 4355 (1000 Hour Exposure)
Resiliency, (% Thickness Retained)	80 min.	ASTM D 6524
Allowable Shear Stress, lb/sq ft (Pa) ^{1/}	8 (384)	ECTC approved test method and independent laboratory

1/ Minimum shear stress the TRM (fully vegetated) can sustain without physical damage or excess erosion (> 1/2 in. (13 mm) soil loss) during a 30 minute flow event in large scale testing.

For TRMs containing degradable components, all property values shall be obtained on the non-degradable portion of the matting alone.”

80467



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston

Subject: Special Provision for Hot-Mix Asphalt

Date: September 26, 2025

A handwritten signature in blue ink that reads "Jack A. Elston".

This special provision was developed by the Central Bureau of Materials to update the maximum theoretical specific gravity (G_{mm}) used in the calculation of HMA density and to allow HMA production to continue after a test strip has been constructed for all HMA Quality Management Programs (PFP, QCP, and QC/QA). It has been revised to alleviate the potential for HMA binder courses left open over the winter and to address: HMA sample and specimen removal from District locations, quality control air voids target limits in the QC/QA quality management program, HMA test strip acceptance, and HMA performance testing.

This special provision should be inserted into all HMA paving contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 16, 2026 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80456m

HOT-MIX ASPHALT (BDE)

Effective: January 1, 2024

Revised: January 1, 2026

Add the following to the end of Article 406.06(c) of the Standard Specifications:

“The amount of HMA binder course placed shall be limited to that which can be surfaced during the same construction season.”

Revise the fifteenth through eighteenth paragraphs of Article 406.14 of the Standard Specifications to read:

“The mixture used in constructing acceptable HMA test strips will be paid for at the contract unit price. Unacceptable HMA test strips shall be removed and replaced at no additional cost to the Department.”

Revise the first and second paragraphs of Articles 1030.06(c)(2) of the Standard Specifications to read:

“(2) Personnel. The Contractor shall provide a QC Manager who shall have overall responsibility and authority for quality control. This individual shall maintain active certification as a Hot-Mix Asphalt Level II technician.

In addition to the QC Manager, the Contractor shall provide sufficient personnel to perform the required visual inspections, sampling, testing, and documentation in a timely manner. Mix designs shall be developed by personnel with an active certification as a Hot-Mix Asphalt Level III technician. Technicians performing mix design testing and plant sampling/testing shall maintain active certification as a Hot-Mix Asphalt Level I technician. The Contractor may provide a technician trainee who has successfully completed the Department's "Hot-Mix Asphalt Trainee Course" to assist in the activities completed by a Hot-Mix Asphalt Level I technician for a period of one year after the course completion date. The Contractor may also provide a Gradation Technician who has successfully completed the Department's "Gradation Technician Course" to run gradation tests only under the supervision of a Hot-Mix Asphalt Level II Technician. The Contractor shall provide a Hot-Mix Asphalt Density Tester who has successfully completed the Department's "Nuclear Density Testing" course to run all nuclear density tests on the job site.”

Add Article 1030.06(d)(3) to the Standard Specifications as follows:

“(3) The Contractor shall take possession of any Department HMA mixture samples or density specimens upon notification by the Engineer. The Contractor shall collect the HMA mixture samples or density specimens from the location designated by the Engineer and may add these materials to RAP stockpiles according to Section 1031.”

Revise the second paragraph of Articles 1030.07(a)(11) and 1030.08(a)(9) of the Standard Specifications to read:

“When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be based on the running average of four available Department test results for that project. If less than four G_{mm} test results are available, an average of all available Department test results for that project will be used. The initial G_{mm} will be the last available Department test result from a QMP project. If there is no available Department test result from a QMP project, the Department mix design verification test result will be used as the initial G_{mm} .”

Revise the Quality Control Limits table in Article 1030.09(c) to read:

Parameter	“CONTROL LIMITS					
	IL-19.0, IL-9.5, IL-9.5FG, IL-19.0L, IL-9.5L	Individual Test	Moving Avg. of 4	SMA-12.5, SMA-9.5	Individual Test	Moving Avg. of 4
% Passing: ^{1/}						
1/2 in. (12.5 mm)	± 6 %	± 4 %	± 6 %	± 4 %		
3/8 in. (9.5mm)			± 4 %	± 3 %		
# 4 (4.75 mm)	± 5 %	± 4 %	± 5 %	± 4 %		
# 8 (2.36 mm)	± 5 %	± 3 %	± 4 %	± 2 %		
# 16 (1.18 mm)			± 4 %	± 2 %	± 4 %	± 3 %
# 30 (600 µm)	± 4 %	± 2.5 %	± 4 %	± 2.5 %		
Total Dust Content # 200 (75 µm)	± 1.5 %	± 1.0 %			± 1.5 %	± 1.0 %
Asphalt Binder Content	± 0.3 %	± 0.2 %	± 0.2 %	± 0.1 %	± 0.3 %	± 0.2 %
Air Voids ^{2/}	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %
Field VMA ^{3/}	-0.7 %	-0.5 %	-0.7 %	-0.5 %	-0.7 %	-0.5 %

1/ Based on washed ignition oven or solvent extraction gradation.

2/ The air voids target value shall be 3.2 to 4.8 percent.

3/ Allowable limit below minimum design VMA requirement.”

Revise Article 1030.09(g)(2) of the Standard Specifications to read:

“(2) The Contractor shall complete split verification sample tests listed in the Limits of Precision table in Article 1030.09(h)(1).”

In the Supplemental Specifications, replace the revision for the end of the third paragraph of Article 1030.09(h)(2) with the following:

“When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be the Department mix design verification test result.”

Replace the last sentence of the fourth paragraph of Article 1030.10 of the Standard Specifications with the following:

“The mixture test results shall meet the requirements of Article 1030.05(d), except tensile strength and TSR testing will only be conducted on the first use of a mix design for the year and Hamburg wheel tests will only be conducted on High ESAL mixtures. To be considered acceptable to remain in place, the Department’s mixture test results shall meet the acceptable limits stated in Article 1030.09(i)(1). In addition, no visible pavement distress such as, but not limited to, segregation, excessive coarse aggregate fracturing outside of growth curves, excessive dust balls, or flushing shall be present as determined by the Engineer.”

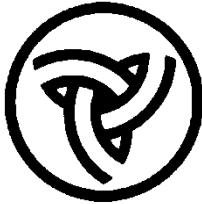
Revise the tenth paragraph of Article 1030.10 of the Standard Specifications to read:

“Production is not required to stop after a test strip has been constructed.”

Replace the eleventh paragraph of Article 1030.10 of the Standard Specifications with the following:

“If an initial Hamburg wheel or I-FIT test fails to meet the requirements of Article 1030.05(d), the Department will verify the results by testing the retained gyratory cylinders. Upon notification by the Engineer of a Hamburg wheel or I-FIT test failure on the retained gyratory cylinders, the Contractor shall substitute an approved mix design, submit a new mix design for mix verification testing according to Article 1030.05(d), or pave 250 tons with or without an adjustment and resample for Department Hamburg wheel and I-FIT testing as directed by the Engineer. Paving may continue as long as all other mixture criteria is being met. If Hamburg wheel or I-FIT tests on the resampled HMA fail, production of the affected mixture shall cease and the Contractor shall substitute an approved mix design or submit a new mix design for mix verification testing according to Article 1030.05(d).”

80456



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston
Subject: Special Provision for Pavement Marking
Date: July 25, 2025

A handwritten signature in blue ink that reads "Jack A. Elston". The signature is fluid and cursive, with "Jack" and "Elston" being the most distinct parts.

This special provision was developed by the Bureau of Operations to clarify that paint pavement markings will not be subject to a winter performance period inspection. It has been revised to allow grooving to be installed to the shape of the letters and symbols, fix a typo from the 2022 Standard Specifications, and rename the BDE Special Provision from "Pavement Marking Inspection".

This special provision should be inserted into all contracts with pavement markings.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the November 7, 2025 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80464m

PAVEMENT MARKING (BDE)

Effective: April 1, 2025

Revised: November 1, 2025

Revise the fourth sentence of the fourth paragraph of Article 780.05 of the Standard Specifications to read:

“Grooves for letters and symbols shall be cut in a rectangular shape or in the shape of the proposed marking so the entire marking will fit within the limits of the grooved area.”

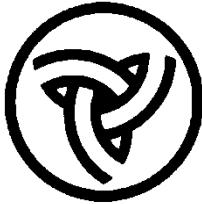
Revise the last sentence of the third paragraph of Article 780.08 of the Standard Specifications to read:

“The Contractor shall install the preformed plastic pavement markings according to the manufacturer’s recommendations.”

Revise the second sentence of the first paragraph of Article 780.13 of the Standard Specifications to read:

“In addition, thermoplastic, preformed plastic, epoxy, preformed thermoplastic, polyurea, and modified urethane pavement markings will be inspected following a winter performance period that extends from November 15 to April 1 of the next year.”

80464



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston 

Subject: Special Provision for Performance Graded Asphalt Binder

Date: September 30, 2022

This special provision was developed by the Central Bureau of Materials to allow additional modifiers in performance graded (PG) asphalt binder. Ground tire rubber and softeners were added, as well as criteria to ensure long-term aging performance of our PG asphalt binders with and without modification.

This special provision should be inserted into contracts containing the pay item BITUMINOUS MATERIALS (TACK COAT), or any of the following types of work.

- Section 312 Stabilized Subbase
- Section 355 HMA Base Course
- Section 356 HMA Base Course Widening
- Section 404 Micro-Surfacing and Slurry Sealing
- Section 405 Cape Seal
- Section 406 HMA Binder and Surface Course
- Section 407 HMA Pavement (Full-Depth)
- Section 442 Pavement Patching
- Section 507 Timber Structures
- Section 581 Waterproofing Membrane System
- BDE special provision "Ultra-Thin Bonded Wearing Course"
- Local Roads & Streets Recurring Special Provision "Reflective Crack Control Treatment"

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 20, 2023 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80441m

PERFORMANCE GRADED ASPHALT BINDER (BDE)

Effective: January 1, 2023

Revise Article 1032.05 of the Standard Specifications to read:

“1032.05 Performance Graded Asphalt Binder. These materials will be accepted according to the Bureau of Materials Policy Memorandum, “Performance Graded Asphalt Binder Qualification Procedure.” The Department will maintain a qualified producer list. These materials shall be free from water and shall not foam when heated to any temperature below the actual flash point. Air blown asphalt, recycle engine oil bottoms (ReOB), and polyphosphoric acid (PPA) modification shall not be used.

When requested, producers shall provide the Engineer with viscosity/temperature relationships for the performance graded asphalt binders delivered and incorporated in the work.

(a) Performance Graded (PG) Asphalt Binder. The asphalt binder shall meet the requirements of AASHTO M 320, Table 1 “Standard Specification for Performance Graded Asphalt Binder” for the grade shown on the plans and the following.

Test	Parameter
Small Strain Parameter (AASHTO PP 113) BBR, ΔT_c , 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	-5 °C min.

(b) Modified Performance Graded (PG) Asphalt Binder. The asphalt binder shall meet the requirements of AASHTO M 320, Table 1 “Standard Specification for Performance Graded Asphalt Binder” for the grade shown on the plans.

Asphalt binder modification shall be performed at the source, as defined in the Bureau of Materials Policy Memorandum, “Performance Graded Asphalt Binder Qualification Procedure.”

Modified asphalt binder shall be safe to handle at asphalt binder production and storage temperatures or HMA construction temperatures. Safety Data Sheets (SDS) shall be provided for all asphalt modifiers.

(1) Polymer Modification (SB/SBS or SBR). Elastomers shall be added to the base asphalt binder to achieve the specified performance grade and shall be either a styrene-butadiene diblock, triblock copolymer without oil extension, or a styrene-butadiene rubber. The polymer modified asphalt binder shall be smooth, homogeneous, and be according to the requirements shown in Table 1 or 2 for the grade shown on the plans.

Table 1 - Requirements for Styrene-Butadiene Copolymer (SB/SBS) Modified Asphalt Binders

Test	Asphalt Grade SB/SBS PG 64-28 SB/SBS PG 70-22	Asphalt Grade SB/SBS PG 64-34 SB/SBS PG 70-28 SB/SBS PG 76-22 SB/SBS PG 76-28
Separation of Polymer ITP, "Separation of Polymer from Asphalt Binder" Difference in °F (°C) of the softening point between top and bottom portions	4 (2) max.	4 (2) max.
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	60 min.	70 min.

Table 2 - Requirements for Styrene-Butadiene Rubber (SBR) Modified Asphalt Binders

Test	Asphalt Grade SBR PG 64-28 SBR PG 70-22	Asphalt Grade SB/SBS PG 64-34 SB/SBS PG 70-28 SBR PG 76-22 SBR PG 76-28
Separation of Polymer ITP, "Separation of Polymer from Asphalt Binder" Difference in °F (°C) of the softening point between top and bottom portions	4 (2) max.	4 (2) max.
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	40 min.	50 min.

(2) Ground Tire Rubber (GTR) Modification. GTR modification is the addition of recycled ground tire rubber to liquid asphalt binder to achieve the specified performance grade. GTR shall be produced from processing automobile and/or truck tires by the ambient

grinding method or micronizing through a cryogenic process. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall not contain free metal particles, moisture that would cause foaming of the asphalt, or other foreign materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois Modified AASHTO T 27 "Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates" or AASHTO PP 74 "Standard Practice for Determination of Size and Shape of Glass Beads Used in Traffic Markings by Means of Computerized Optical Method", a 50 g sample of the GTR shall conform to the following gradation requirements.

Sieve Size	Percent Passing
No. 16 (1.18 mm)	100
No. 30 (600 μm)	95 \pm 5
No. 50 (300 μm)	> 20

GTR modified asphalt binder shall be tested for rotational viscosity according to AASHTO T 316 using spindle S27. GTR modified asphalt binder shall be tested for original dynamic shear and RTFO dynamic shear according to AASHTO T 315 using a gap of 2 mm.

The GTR modified asphalt binder shall meet the requirements of Table 3.

Table 3 - Requirements for Ground Tire Rubber (GTR) Modified Asphalt Binders		
Test	Asphalt Grade GTR PG 64-28 GTR PG 70-22	Asphalt Grade GTR PG 76-22 GTR PG 76-28 GTR PG 70-28
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	60 min.	70 min.

(3) Softener Modification (SM). Softener modification is the addition of organic compounds, such as engineered flux, bio-oil blends, modified vegetable oils, glycol amines, and fatty acid derivatives, to the base asphalt binder to achieve the specified performance grade. Softeners shall be dissolved, dispersed, or reacted in the asphalt binder to enhance its performance and shall remain compatible with the asphalt binder with no separation. Softeners shall not be added to modified PG asphalt binder as defined in Articles 1032.05(b)(1) or 1032.05(b)(2).

An Attenuated Total Reflectance-Fourier Transform Infrared spectrum (ATR-FTIR) shall be collected for both the softening compound as well as the softener modified

asphalt binder at the dose intended for qualification. The ATR-FTIR spectra shall be collected on unaged softener modified binder, 20-hour Pressurized Aging Vessel (PAV) aged softener modified binder, and 40-hour PAV aged softener modified binder. The ATR-FTIR shall be collected in accordance with Illinois Test Procedure 601. The electronic files spectral files (in one of the following extensions or equivalent: *.SPA, *.SPG, *.IRD, *.IFG, *.CSV, *.SP, *.IRS, *.GAML, *.[0-9], *.IGM, *.ABS, *.DRT, *.SBM, *.RAS) shall be submitted to the Central Bureau of Materials.

Softener modified asphalt binders shall meet the requirements in Table 4.

Table 4 - Requirements for Softener Modified Asphalt Binders

Test	Asphalt Grade	
	SM PG 46-28	SM PG 46-34
	SM PG 52-28	SM PG 52-34
	SM PG 58-22	SM PG 58-28
	SM PG 64-22	
Small Strain Parameter (AASHTO PP 113) BBR, ΔT_c , 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	-5°C min.	
Large Strain Parameter (Illinois Modified AASHTO T 391) DSR/LAS Fatigue Property, $\Delta G^* _{\text{peak}} \tau$, 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	$\geq 54\%$	

The following grades may be specified as tack coats.

Asphalt Grade	Use
PG 58-22, PG 58-28, PG 64-22	Tack Coat ¹

Revise Article 1031.06(c)(1) and 1031.06(c)(2) of the Standard Specifications to read:

“(1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin ABR shall not exceed the amounts listed in the following table.

HMA Mixtures - RAP/RAS Maximum ABR % ^{1/ 2/}			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface ^{3/}
30	30	30	10
50	25	15	10
70	15	10	10
90	10	10	10

1/ For Low ESAL HMA shoulder and stabilized subbase, the RAP/RAS ABR shall not exceed 50 percent of the mixture.

- 2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).
- 3/ The maximum ABR percentages for ground tire rubber (GTR) modified mixes shall be equivalent to the percentages specified for SBS/SBR polymer modified mixes.

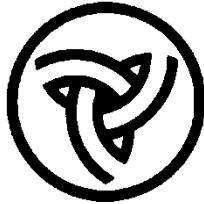
(2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the following table.

HMA Mixtures - FRAP/RAS Maximum ABR % ^{1/2/}			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface ^{3/}
30	55	45	15
50	45	40	15
70	45	35	15
90	45	35	15
SMA	--	--	25
IL-4.75	--	--	35

- 1/ For Low ESAL HMA shoulder and stabilized subbase, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).
- 3/ The maximum ABR percentages for GTR modified mixes shall be equivalent to the percentages specified for SBS/SBR polymer modified mixes."

Add the following to the end of Note 2 of Article 1030.03 of the Standard Specifications.

"A dedicated storage tank for the ground tire rubber (GTR) modified asphalt binder shall be provided. This tank shall be capable of providing continuous mechanical mixing throughout and/or recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ± 0.40 percent."



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston 

Subject: Special Provision for Removal and Disposal of Regulated Substances

Date: January 12, 2024

This special provision was developed by the Bureau of Design and Environment to provide options for temporarily staging topsoil, bring back priority pollutant analysis pay items so effluent water may be discharged on site, clarify the contractor's responsibilities when choosing a disposal facility, and incorporate recurring language from the project specific special provision. It also allows for disposal outside of Illinois at facilities meeting Illinois regulations for governing landfills and clarifies hazardous waste is to be disposed of outside of Illinois as no facility in-state is currently accepting this material. It has been revised to clarify that, when circumstances are beyond the Contractor's control, extra work payment for temporary staging is for the specific soil classifications that are to be managed and disposed of (not topsoil for re-use).

This special provision should be inserted into all contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the April 26, 2024 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80455m

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2024

Revised: April 1, 2024

Revise the first paragraph of Article 669.04 of the Standard Specifications to read:

“669.04 Regulated Substances Monitoring. Regulated substances monitoring includes environmental observation and field screening during regulated substances management activities. The excavated soil and groundwater within the work areas shall be managed as either uncontaminated soil, hazardous waste, special waste, or non-special waste.

As part of the regulated substances monitoring, the monitoring personnel shall perform and document the applicable duties listed on form BDE 2732 “Regulated Substances Monitoring Daily Record (RSMDR)”.

Revise the first two sentences of the nineteenth paragraph of Article 669.05 of the Standard Specifications to read:

“The Contractor shall coordinate waste disposal approvals with the disposal facility and provide the specific analytical testing requirements of that facility. The Contractor shall make all arrangements for collection, transportation, and analysis of landfill acceptance testing.”

Revise the last paragraph of Article 669.05 of the Standard Specifications to read:

“The Contractor shall select a permitted landfill facility or CCDD/USFO facility meeting the requirements of 35 Ill. Admin. Code Parts 810-814 or Part 1100, respectively. The Department will review and approve or reject the facility proposed by the Contractor based upon information provided in BDE 2730. The Contractor shall verify whether the selected facility is compliant with those applicable standards as mandated by their permit and whether the facility is presently, has previously been, or has never been, on the United States Environmental Protection Agency (U.S. EPA) National Priorities List or the Resource Conservation and Recovery Act (RCRA) List of Violating Facilities. The use of a Contractor selected facility shall in no manner delay the construction schedule or alter the Contractor's responsibilities as set forth.”

Revise the first paragraph of Article 669.07 of the Standard Specifications to read:

“669.07 Temporary Staging. Soil classified according to Articles 669.05(a)(2), (b)(1), or (c) may be temporarily staged at the Contractor's option. All other soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) shall be managed and disposed of without temporary staging to the greatest extent practicable. If circumstances beyond the Contractor's control require temporary staging of these latter materials, the Contractor shall request approval from the Engineer in writing.

Topsoil for re-use as final cover which has been field screened and found not to exhibit PID readings over daily background readings as documented on the BDE 2732, visual staining or

odors, and is classified according to Articles 669.05(a)(2), (a)(3), (a)(4), (b)(1), or (c) may be temporarily staged at the Contractor's option."

Add the following paragraph after the sixth paragraph of Article 669.11 of the Standard Specifications.

"The sampling and testing of effluent water derived from dewatering discharges for priority pollutants volatile organic compounds (VOCs), priority pollutants semi-volatile organic compounds (SVOCs), or priority pollutants metals, will be paid for at the contract unit price per each for VOCS GROUNDWATER ANALYSIS using EPA Method 8260B, SVOCs GROUNDWATER ANALYSIS using EPA Method 8270C, or RCRA METALS GROUNDWATER ANALYSIS using EPA Methods 6010B and 7471A. This price shall include transporting the sample from the job site to the laboratory."

Revise the first sentence of the eighth paragraph of Article 669.11 of the Standard Specifications to read:

"Payment for temporary staging of soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) to be managed and disposed of, if required and approved by the Engineer, will be paid according to Article 109.04."

80455



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston 

Subject: Special Provision for Short Term and Temporary Pavement Markings

Date: April 19, 2024

This special provision was developed by the Central Bureau of Operations to restrict the use of pavement marking tapes to Type IV and blackout tape used in short term and temporary applications, as the Type IV material has better reflectivity under wet conditions at a comparable price to the Type III material. It has been revised to allow Type I tape for applications of 14 days or fewer, correct the thickness and skid resistance of Type IV tape, clarify that Type IV tape requires manufacturer pre-approval, and to differentiate blackout tape as its own category.

This special provision should be inserted into contracts with short term or temporary pavement markings.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the April 26, 2024 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80457m

SHORT TERM AND TEMPORARY PAVEMENT MARKINGS (BDE)

Effective: April 1, 2024

Revised: April 2, 2024

Revise Article 701.02(d) of the Standard Specifications to read:

“(d) Pavement Marking Tapes (Note 3) 1095.06”

Add the following Note to the end of Article 701.02 of the Standard Specifications:

“Note 3. White or yellow pavement marking tape that is to remain in place longer than 14 days shall be Type IV tape.”

Revise Article 703.02(c) of the Standard Specifications to read:

“(c) Pavement Marking Tapes (Note 1) 1095.06”

Add the following Note to the end of Article 703.02 of the Standard Specifications:

“Note 1. White or yellow pavement marking tape that is to remain in place longer than 14 days shall be Type IV tape.”

Revise Article 1095.06 of the Standard Specifications to read:

“1095.06 Pavement Marking Tapes. Type I white or yellow marking tape shall consist of glass spheres embedded into a binder on a foil backing that is precoated with a pressure sensitive adhesive. The spheres shall be of uniform gradation and distributed evenly over the surface of the tape.

Type IV tape shall consist of white or yellow tape with wet reflective media incorporated to provide immediate and continuing retroreflection in wet and dry conditions. The wet retroreflective media shall be bonded to a durable polyurethane surface. The patterned surface shall have approximately 40 ± 10 percent of the surface area raised and presenting a near vertical face to traffic from any direction. The channels between the raised areas shall be substantially free of exposed reflective elements or particles.

Blackout tape shall consist of a matte black, non-reflective, patterned surface that is precoated with a pressure sensitive adhesive.

(a) Color. The white and yellow markings shall meet the following requirements for daylight reflectance and color, when tested, using a color spectrophotometer with 45 degrees circumferential/zero degree geometry, illuminant D65, and two degree observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm.

Color	Daylight Reflectance %Y
White	65 min.
Yellow *	36 - 59

*Shall match Aerospace Material Specification Standard 595 33538 (Orange Yellow) and the chromaticity limits as follows.

x	0.490	0.475	0.485	0.530
y	0.470	0.438	0.425	0.456

(b) Retroreflectivity. The white and yellow markings shall be retroreflective. Reflective values measured in accordance with the photometric testing procedure of ASTM D 4061 shall not be less than those listed in the table below. The coefficient of retroreflected luminance, R_L , shall be expressed as average millicandela/footcandle/sq ft (millicandela/lux/sq m), measured on a 3.0 x 0.5 ft (900 mm x 150 mm) panel at 86 degree entrance angle.

Coefficient of Retroreflected Luminance, R_L , Dry					
Type I			Type IV		
Observation Angle	White	Yellow	Observation Angle	White	Yellow
0.2°	2700	2400	0.2°	1300	1200
0.5°	2250	2000	0.5°	1100	1000

Wet retroreflectance shall be measured for Type IV under wet conditions according to ASTM E 2177 and meet the following.

Wet Retroreflectance, Initial R_L	
Color	R_L 1.05/88.76
White	300
Yellow	200

(c) Skid Resistance. The surface of Type IV and blackout markings shall provide a minimum skid resistance of 45 BPN when tested according to ASTM E 303.

(d) Application. The pavement marking tape shall have a precoated pressure sensitive adhesive and shall require no activation procedures. Test pieces of the tape shall be applied according to the manufacturer's instructions and tested according to ASTM D 1000, Method A, except that a stiff, short bristle roller brush and heavy hand pressure will be substituted for the weighted rubber roller in applying the test pieces to the metal test panel. Material tested as directed above shall show a minimum adhesion value of 750 g/in. (30 g/mm) width at the temperatures specified in ASTM D 1000. The adhesive shall be resistant to oils, acids, solvents, and water, and shall not leave objectionable stains or residue after removal. The material shall be flexible and conformable to the texture of the pavement.

(e) Durability. Type IV and blackout tape shall be capable of performing for the duration of a normal construction season and shall then be capable of being removed intact or in large sections at pavement temperatures above 40 °F (4 °C) either manually or with a roll-up device without the use of sandblasting, solvents, or grinding. The Contractor shall provide a manufacturer's certification that the material meets the requirements for being removed after the following minimum traffic exposure based on transverse test decks with rolling traffic.

- (1) Time in place - 400 days
- (2) ADT per lane - 9,000 (28 percent trucks)
- (3) Axle hits - 10,000,000 minimum

Samples of the material applied to standard specimen plates will be measured for thickness and tested for durability in accordance with ASTM D 4060, using a CS-17 wheel and 1000-gram load, and shall meet the following criteria showing no significant change in color after being tested for the number of cycles indicated.

Test	Type I	Type IV	Blackout
Minimum Initial Thickness, mils (mm)	20 (0.51)	65 (1.65) ^{1/} 20 (0.51) ^{2/}	65 (1.65) ^{1/} 20 (0.51) ^{2/}
Durability (cycles)	5,000	1,500	1,500

1/ Measured at the thickest point of the patterned surface.

2/ Measured at the thinnest point of the patterned surface.

The pavement marking tape, when applied according to the manufacturer's recommended procedures, shall be weather resistant and shall show no appreciable fading, lifting, or shrinkage during the useful life of the marking. The tape, as applied, shall be of good appearance, free of cracks, and edges shall be true, straight, and unbroken.

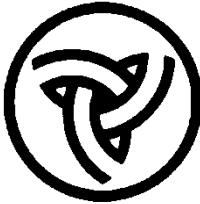
(f) Sampling and Inspection.

- (1) Sample. Prior to approval and use of Type IV pavement marking tape, the manufacturer shall submit a notarized certification from an independent laboratory, together with the results of all tests, stating that the material meets the requirements as set forth herein. The independent laboratory test report shall state the lot tested, the manufacturer's name, and the date of manufacture.

After initial approval by the Department, samples and certification by the manufacturer shall be submitted for each subsequent batch of Type IV tape used. The manufacturer shall submit a certification stating that the material meets the requirements as set forth herein and is essentially identical to the material sent for qualification. The certification shall state the lot tested, the manufacturer's name, and the date of manufacture.

(2) Inspection. The Contractor shall provide a manufacturer's certification to the Engineer stating the material meets all requirements of this specification. All material samples for acceptance tests shall be taken or witnessed by a representative of the Bureau of Materials and shall be submitted to the Engineer of Materials, 126 East Ash Street, Springfield, Illinois 62704-4766 at least 30 days in advance of the pavement marking operations."

80457



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston

Subject: Special Provision for Work Zone Traffic Control Devices

Date: September 26, 2025

A handwritten signature in blue ink that reads "Jack A. Elston".

This special provision was developed by the Bureau of Safety Programs and Engineering to update temporary traffic control devices to MASH-16 requirements in accordance with AASHTO and FHWA guidelines. It has been revised to incorporate updates from the 11th Edition MUTCD and to fix a typographical error.

This special provision should be inserted into all contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 16, 2026 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80427m

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Revised: January 1, 2026

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports 1106.02”

Revise Article 701.03(p) of the Standard Specifications to read:

“(p) Detectable Pedestrian Channelizing Barricades 1106.02(m)”

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 shall be MASH compliant.

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 shall be MASH compliant.

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 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350, 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 sign supports, speed feedback displays, 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 compliant is available, an NCHRP 350 compliant device may be used, even if manufactured after December 31, 2019.”

Revise the first paragraph of Section 1106.02(a) of the Standard Specifications to read:

“(a) Lights. Lights shall meet the requirements of Chapter 13 of the “Equipment and Materials Standards of the Institute of Transportation Engineers,” 1998, Institute of Transportation Engineers, and shall be visible on a clear night from a distance of 3000 ft (900 m). Lights are classified as follows.”

Revise Articles 1106.02(g), 1106.02(k), 1106.02(l), and 1106.02(m) of the Standard Specifications 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.

(m) Detectable Pedestrian Channelizing Barricades. The top panel or handrail shall be continuous and there should be at least a 2 in. (50 mm) gap between the hand trailing edge and its support. When visible to vehicular traffic, the top rail shall have alternating white and orange retroreflective stripes sloping at 45 degrees. The bottom panel shall be continuous and have alternating white and orange retroreflective stripes sloping at 45 degrees. Barricade stripes shall be 6 in. (150 mm) in width. The predominant color for other barricade components shall be white, orange, or silver."

80427



Storm Water Pollution Prevention Plan

Route	Marked Route	Section Number
Various		26-00120-00-PV
Project Number	County	Contract Number
	Cook	

This plan has been prepared to comply with the provisions of the National Pollutant Discharge Elimination System (NPDES) Permit No. ILR10 (Permit ILR10), issued by the Illinois Environmental Protection Agency (IEPA) for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Permittee Signature & Date



11/14/26

SWPPP Notes

Preparing BDE 2342 (Storm Water Pollution Prevent Plan)

Guidance on preparing each section of BDE 2342 (Storm Water Pollution Prevention Plan) is found in Chapter 41 of the IDOT Bureau of Design and Environment (BDE) Manual, please consult this chapter during SWPPP preparation. Please note that the Illinois Environmental Protection Agency (IEPA) has 30 days to review the Notice of Intent (NOI) prior to project approval and any deficiencies can result in construction delays.

The Notice of Intent contains the following documents:

- BDE 2342 (Storm Water Pollution Prevention Plan)
- BDE 2342 A (Contractor Certification Statement)
- Erosion and Sediment Control Plan (See Section 63-4.09 of the BDE Manual)

Non-applicable information

If any section of the SWPPP is not applicable put "N/A" in box rather than leaving blank.

National Pollutant Discharge Elimination System (NPDES) Compliance

Description of Work: This work shall consist of those efforts necessary for compliance with the requirements of the Clean Water Act, Section 402 (NPDES), and the Illinois Environment Protection Act. This provision also provides the background information needed to comply with ILR10 and ILR40 permits for this project.

NPDES COMPLIANCE REQUIREMENTS

Part I: Site Description

1. Describe the project location; include latitude and longitude, section, town, and range.

Various streets in Hoffman Estates (42d2'24" N, 88d4'47" W)

2. Describe the nature of the construction activity or demolition work.

Reconstruction and resurfacing of various existing streets in Hoffman Estates

3. Describe the intended sequence of major activities which disturb soils for major portions of the site (e.g. clearing, grubbing, excavation, grading, on-site or off-site stockpiling of soils, on-site or off-site storage of materials).

excavation, grading

4. The total area of the construction site is estimated to be 12 acres.

5. The total area of the site estimated to be disturbed by excavation, grading or other activities is 1.5 acres.

6. Determine an estimate of the runoff coefficient of the site after construction activities are completed.

0.9

7. Provide the existing information describing the potential erosivity of the soil at discharge locations at the project site.

N/A

8. Erosion and Sediment Control Plan (Graphic Plan) is included in the contract. Yes No

9. List all soils found within project boundaries; include map until name, slope information, and erosivity.

Silty Clay, Clay Loam, Topsoil

10. List of all MS4 permittees in the area of this project

Village of Hoffman Estates

Note: For sites discharging to an MS4, a separate map identifying the location of the construction site and the location where the MS4 discharges to surface water must be included.

Part II: Waters of the US

1. List the nearest named receiving water(s) and ultimate receiving waters.

Salt Creek Tributary D, Poplar Creek East Branch, Salt Creek West Branch Tributary A

2. Are wetlands present in the project area? Yes No

If yes, describe the areal extent of the wetland acreage at the site.

N/A

3. Natural buffers:

For any storm water discharges from construction activities within 50 feet of a Waters of the United States, except for activities for water-dependent structures authorized by a Section 404 permit, the following shall apply:

(i) A 50-foot undisturbed natural buffer between the construction activity and the Waters of the United States has been provided

Yes No; and/or

(ii) Additional erosion and sediment controls within that area has been provided

Yes No; and Describe: _____

Part III. Water Quality

1. Water Quality Standards

As determined by the Illinois Pollution Control Board, Illinois waters have defined numeric limits of pollutants under the umbrella term "Water Quality Standards." In the following table are commonly used chemicals/practices used on a construction site. These chemicals if spilled into a waterway, could potentially contribute to a violation of a Water Quality Standard. If other chemicals that could contribute a violation of a Water Quality Standard, add as needed.

<input checked="" type="checkbox"/> Fertilizer (check as appropriate)	<input checked="" type="checkbox"/> Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids)
<input checked="" type="checkbox"/> Nitrogen	<input checked="" type="checkbox"/> Waste water for concrete washout station
<input checked="" type="checkbox"/> Phosphorus, and/or	<input type="checkbox"/> Coal tar Pitch Emulsion
<input checked="" type="checkbox"/> Potassium	<input type="checkbox"/> Other (Specify) _____
<input type="checkbox"/> Herbicide	<input type="checkbox"/> Other (Specify) _____

Table 1: Common chemicals/potential pollutants used during construction

If no boxes are checked in Table 1 above, check the following box:

There are no chemicals on site that will exceed a Water Quality Standards if spilled.

If any boxes are checked in Table 1 above, check the following box:

There are chemicals on site that if spilled could potentially cause an exceedance of a Water Quality Standard. The Department shall implement Pollution Prevention/Good Housekeeping Practices as described in the Department's ILR40 Discharge for Small Municipal Separate Storm Sewer Systems (MS4) reiterated below and Part VIII. Unexpected Regulated Substances/Chemical Spill Procedures:

Pollution Prevention:

The Department will design, and the contractor shall, install, implement, and maintain effective pollution prevention measures to minimize the discharge of pollutants from construction activities. At a minimum, such measures must be designed, installed, implemented and maintained to:

- (a) Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters. Wash waters must be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge.
- (b) Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, chemical storage tanks, deicing material storage facilities and temporary stockpiles, detergents, sanitary waste, and other materials present on the site exposed to precipitation and to storm water.
- (c) Minimize the discharge of pollutants from spills, leaks and vehicle and equipment maintenance and repair activities and implement chemical spill and leak prevention and response procedures;
- (d) Minimize the exposure of fuel, oil, hydraulic fluids, other petroleum products, and other chemicals by storing in covered areas or containment areas. Any chemical container with a storage of 55 gallons or more must be stored a minimum of 50 feet from receiving waters, constructed or natural site drainage features, and storm drain inlets. If infeasible due to site constraints, store containers as far away as the site permits and document in your SWPPP the specific reasons why the 50-foot setback is infeasible and how the containers will be stored.
- (e) The contractor is to provide regular inspection of their construction activities and Best Management Practices (BMPs). Based on inspection findings, the contractor shall determine if repair, replacement, or maintenance measures are necessary in order to ensure the structural integrity, proper function, and treatment effectiveness of structural storm water BMPs. Necessary maintenance shall be completed as soon as conditions allow to prevent or reduce the discharge of pollutants to storm water or as ordered by the Engineer. The Engineer shall conduct inspections required in Section XI Inspections, and report to the contractor deficiencies noted. These Department conducted inspections do not relieve the contractor from their responsibility to inspect their operations and perform timely maintenance; and
- (f) In addition, all IDOT projects are screened for Regulated Substances as described in Section 27-3 of the BDE Manual and implemented via Section 669: Removal and Disposal of Regulated substances in the Standard Specifications for Road and Bridge Construction.

Approved alterations to the Department's provided SWPPP, including those necessary to protect Contractor Borrow, Use and Waste areas, shall be designed, installed, implemented and maintained by the Contractor in accordance with IDOT Standard Specifications Section 280.

2. 303(d) Impaired Waterways

Does the project area have any 303(d) impaired waterways with the following impairments?

- suspended solids
- turbidity, and or
- siltation

Yes No

If yes, list the name(s) of the listed water body and the impairment(s)

303(d) waterbody	Impairments(s)

In addition, It is paramount that the project does not increase the level of the impairment(s) described above. Discuss which BMPs will be implemented to reduce the risk of impairment increase

3. Total Maximum Daily Load (TMDL)

Does the project include any receiving waters with a TMDL for sediment, total suspended solids, turbidity or siltation? Yes No

If yes, List TMDL waterbodies below and describe associated TMDL

TMDL waterbody	TMDL

Provide a description of the erosion and sediment control strategy that will be incorporated into the site design that is consistent with the assumptions and requirements of the TMDL

If a specific numeric waste load allocation has been established that would apply to the project's discharges, provide a description of the necessary steps to meet that allocation

Part IV. Temporary Erosion and Sediment Controls

Stabilization efforts must be initiated within 1 working day of cessation of construction activity and completed within 14 days. Areas must be stabilized if they will not be disturbed for at least 14 calendar days. Exceptions to this time frame include:

- Where the initiation of stabilization measures is precluded by snow cover, stabilization measures must be initiated as soon as practicable,
- On areas where construction activities have temporarily ceased and will resume after 14 days, a temporary stabilization method can be used (temporary stabilization techniques must be described), and
- Stabilization is not required for exit points at linear utility construction site that are used only episodically and for very short durations over the life of the project, provided other exit point controls are implemented to minimize sediment track-out.

Additionally, a record must be kept with the SWPPP throughout construction of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated.

At a minimum, controls must be coordinated, installed and maintained to:

1. Minimize the amount of soil exposed during construction activity.
2. Minimize the disturbance of steep slopes.

3. Maintain natural buffers around surface waters, direct storm water to vegetated areas to increase sediment removal and maximize storm water infiltration, unless infeasible.
4. Minimize soil compaction and, unless infeasible, preserve topsoil.

Note: For practices below, consult relevant design criteria in Chapter 41 of the BDE Manual and maintenance criteria in Erosion and Sediment Control Field Guide for Construction.

1. Erosion Control:

The following are erosion control practices which may be used on a project (place a check by each practice that will be utilized on the project, add additional practices as needed):

<input type="checkbox"/> Mulch	<input type="checkbox"/> Preservation of existing vegetation
<input checked="" type="checkbox"/> Erosion Control Blanket	<input type="checkbox"/> Temporary Turf Cover Mixture (Class 7)
<input type="checkbox"/> Turf Reinforcement Mat	<input checked="" type="checkbox"/> Permanent seeding (Class 1-6)
<input checked="" type="checkbox"/> Sodding	<input type="checkbox"/> Other (Specify) _____
<input type="checkbox"/> Geotextile fabric	<input type="checkbox"/> Other (Specify) _____
	<input type="checkbox"/> Other (Specify) _____

2. Sediment Control:

The following sediment control devices will be implemented on this project:

<input type="checkbox"/> Ditch Checks	<input type="checkbox"/> Perimeter Erosion Barrier
<input type="checkbox"/> Inlet and Pipe protection	<input type="checkbox"/> Rolled Excelsior
<input type="checkbox"/> Hay or Straw bales	<input type="checkbox"/> Silt Filter Fence
<input type="checkbox"/> Above grade inlet filters (fitted)	<input type="checkbox"/> Urethane foam/geotextiles
<input type="checkbox"/> Above grade inlet filters (non-fitted)	<input type="checkbox"/> Other (Specify) _____
<input checked="" type="checkbox"/> Inlet filters	<input type="checkbox"/> Other (Specify) _____
	<input type="checkbox"/> Other (Specify) _____

3. Structural Practices:

Provide below is a description of structural practices that will be implemented:

<input type="checkbox"/> Aggregate Ditch	<input type="checkbox"/> Stabilized Construction Exits
<input type="checkbox"/> Articulated Block Revetment Mat	<input type="checkbox"/> Stabilized Trench Flow
<input type="checkbox"/> Barrier (Permanent)	<input type="checkbox"/> Sediment Basin
<input type="checkbox"/> Concrete Revetment Mats	<input type="checkbox"/> Retaining Walls
<input type="checkbox"/> Dewatering Filtering	<input checked="" type="checkbox"/> Riprap
<input type="checkbox"/> Gabions	<input checked="" type="checkbox"/> Strom Drain Inlet Protection
<input type="checkbox"/> In-Stream or Wetland Work	<input type="checkbox"/> Slope Walls
<input type="checkbox"/> Level Spreaders	<input type="checkbox"/> Sediment Trap
<input type="checkbox"/> Paved Ditch	<input type="checkbox"/> Other (Specify) _____
<input type="checkbox"/> Permanent Check Dams	<input type="checkbox"/> Other (Specify) _____
<input type="checkbox"/> Precast Block Revetment Mat	<input type="checkbox"/> Other (Specify) _____
<input type="checkbox"/> Rock Outlet Protection	<input type="checkbox"/> Other (Specify) _____

4. Polymer Flocculants

Design guidance for polymer flocculants is available in Chapter 41 of the BDE Manual. In addition, Polymer Flocculants may only be used by district Special Provision.

If polymer flocculants are used for this project, the following must be adhered to and described below:

- Identify the use of all polymer flocculants at the site.
- Dosage of treatment chemicals shall be identified along with any information from any Material Safety Data Sheet.

- Describe the location of all storage areas for chemicals.
- Include any information from the manufacturer's specifications.
- Treatment chemicals must be stored in areas where they will not be exposed to precipitation.
- The SWPPP must describe procedures for use of treatment chemicals and staff responsible for use/application of treatment chemicals must be trained on the established procedures.

Part V. Other Conditions

1. Dewatering

Will dewatering be required for this project? Yes No

If yes, the following applies:

- Dewatering discharges shall be routed through a sediment control (e.g., sediment trap or basin, pumped water filter bag) designed to minimize discharges with visual turbidity;
- The discharge shall not include visible floating solids or foam;
- The discharge must not cause the formation of a visible sheen on the water surface, or visible oily deposits on the bottom or shoreline of the receiving water. An oil-water separator or suitable filtration device shall be used to treat oil, grease, or other similar products if dewatering water is found to or expected to contain these materials;
- To the extent feasible, use well-vegetated (e.g., grassy or wooded), upland areas of the site to Infiltrate dewatering water before discharge;
- You are prohibited from using receiving waters as part of the treatment area;
- To minimize dewatering-related erosion and related sediment discharges, use stable, erosion-resistant surfaces (e.g., well-vegetated grassy areas, clean filler stone, geotextile underlayment) to discharge from dewatering controls. Do not place dewatering controls, such as pumped water filter bags, on steep slopes (15% or greater in grade);
- Backwash water (water used to backwash/clean any filters used as part of storm water treatment) must be properly treated or hauled off- site for disposal;
- Dewatering treatment devices shall be properly maintained; and
- See Part XI (Inspections) for inspection requirement.

Part VI. Permanent (i.e., Post-Construction) Storm Water Management Controls

Provided below is a description of measures that may be installed during the construction process to control volume and therefore the amount pollutants in storm water runoff that can occur after construction operations have been completed.

Practices may include but are not limited to the following:

- Aggregate ditch checks;
- bioswales,
- detention pond(s),
- infiltration trench;
- retention pond(s),
- open vegetated swales and natural depressions,
- treatment train (sequential system which combine several practices).
- Velocity dissipation devices (See Structural Practices above)

Describe these practices below

Installation of storm catch basins.

Part VII. Additional Practices Incorporated From Local Ordinance(s)

In some instances, an additional practice from a local ordinance may be included in the project. If so, describe below (Note: the Department is not subject to local ordinances)

Inlet Filters are specified for all storm sewers. Sweeping of adjacent streets if tracking of material from project.

Part VIII. Unexpected Regulated Substances/Chemical Spill Procedures

When Unexpected Regulated Substances or chemical spills occur, Article 107.19 of the Standard Specifications for Road and Bridge Construction shall apply. In addition, it is the contractor's responsibility to notify the Engineer in the event of a chemical spill into a ditch or waterway, the Engineer will then notify appropriate IEPA and IEMA personnel for the appropriate cleanup procedures.

Part IX. Contractor Required Submittals

Prior to conducting any professional services at the site covered by this plan, the Contractor and each subcontractor responsible for compliance with the permit shall submit to the Resident Engineer a Contractor Certification Statement, BDE 2342A.

1. The Contractor shall provide a construction schedule containing an adequate level of detail to show major activities with implementation of pollution prevention BMPs, including the following items:

- Approximate duration of the project, including each stage of the project
- Rainy season, dry season, and winter shutdown dates
- Temporary stabilization measures to be employed by contract phases
- Mobilization time-frame
- Mass clearing and grubbing/roadside clearing dates
- Deployment of Erosion Control Practices
- Deployment of Sediment Control Practices (including stabilized construction entrances and exits to be used and how they will be maintained)
- Deployment of Construction Site Management Practices (including concrete washout facilities, chemical storage, refueling locations, etc.)
- Paving, saw-cutting, and any other pavement related operations
- Major planned stockpiling operation
- Time frame for other significant long-term operations or activities that may plan non-storm water discharges as dewatering, grinding, etc.
- Permanent stabilization activities for each area of the project

2. During the pre-construction meeting, the Contractor and each subcontractor shall provide, as an attachment to their signed Contractor Certification Statement, a discussion of how they will comply with the requirements of the permit in regard to the following items and provide a graphical representation showing location and type of BMPs to be used when applicable:

- Temporary Ditch Checks - Identify what type and the source of Temporary Ditch Checks that will be installed as part of the project. The installation details will then be included with the SWPPP.
- Vehicle Entrances and Exits - Identify type and location of stabilized construction entrances and exits to be used and how they will be maintained.
- Material Delivery, Storage and Use- Discuss where and how materials including chemicals, concrete curing compounds, petroleum products, etc. will be stored for this project. Specifically, any chemical stored in a 55 gallon drum provided by the contractor.

- Stockpile Management - Identify the location of both on-site and off-site stockpiles. Discuss what BMPs will be used to prevent pollution of storm water from stockpiles.
- Waste Disposal - Discuss methods of waste disposal that will be used for this project.
- Spill Prevention and Control - Discuss steps that will be taken in the event of a material spill.
- Concrete Residuals and Washout Wastes - Discuss the location and type of concrete washout facilities to be used on this project and how they will be signed and maintained.
- Litter Management - Discuss how litter will be maintained for this project (education of employees, number of dumpsters, frequency of dumpster pick-up, etc.).
- Vehicle and Equipment Fueling - Identify equipment fueling locations for this project and what BMPs will be used to ensure containment and spill prevention.
- Vehicle and Equipment Cleaning and Maintenance - Identify where equipment cleaning and maintenance locations for this project and what BMPs will be used to ensure containment and spill prevention.
- Dewatering Activities - Identify the controls which will be used during dewatering operations to ensure sediments will not leave the construction site.

Additional measures indicated in the plan

Part X. Maintenance

It will be the Contractor's responsibility to attain maintenance guidelines for any manufactured BMPs which are to be installed and maintained per manufacturer's specifications. However, when requested by the Contractor, the Resident Engineer will provide general maintenance guides (e.g., IDOT Erosion and Sediment Control Field Guide) to the Contractor for the practices associated with this project. Any damage or undermining shall be repaired immediately.

For Inlet Protection: Where there is evidence of sediment accumulation adjacent to the inlet protection measure, the deposited sediment must be removed by the following business day.

Below, describe procedures to maintain in good and effective operating conditions

Inlet Filters to be inspected and kept clear regularly.

Part XI. Inspections

Qualified personnel shall inspect disturbed areas of the construction site that have not been finally stabilized, structural control measures, and locations where vehicles enter or exit the site at least once every seven calendar days and within 24 hours of the end of a storm or by the end of the following business or workday that is 0.50 inches or greater or equivalent snowmelt (except as allowed for Frozen Conditions).

In addition, all areas where storm water typically flows within the site should be inspected periodically to check for evidence of pollutants entering the drainage system, as well as all locations where stabilization measures have been implemented to ensure they are operating correctly.

Inspections shall be documented on the form BC 2259 (Storm Water Pollution Prevention Plan Erosion Control Inspection Report).

The Erosion and Sediment Control Field Guide for Construction Inspection shall be consulted as needed.

Dewatering

For site(s) discharging dewatering water, an inspection during the discharge shall be done once per day on which the discharge occurs and record the following in a report within 24 hours of completing the inspection:

- The inspection date;
- Names and titles of personnel performing the inspection;
- Approximate times that the dewatering discharge began and ended on the day of inspection;
- Estimates of the rate (in gallons per day) of discharge on the day of inspection;
- Whether or not any of the following indications of pollutant discharge were observed at the point of discharge: a sediment plume, suspended solids, unusual color, presence of odor, decreased clarity, or presence of foam; and/or a visible sheen on the water

surface or visible oily deposits on the bottom or shoreline of the receiving water.

Frozen Conditions

Inspections may be reduced to once per month when all construction activities have ceased due to frozen conditions. Weekly inspections will recommence when construction activities resume, either temporarily or continuously, or if there is 0.5" or greater rain event, or a discharge due to snowmelt occurs.

Flooding or unsafe conditions

Areas that are inaccessible during required inspections due to flooding or other unsafe conditions must be inspected within 72 hours of becoming accessible.

Part XII. Incidence of Noncompliance (ION)

The Department shall notify the appropriate Agency Field Operations Section office by email as described on the IEPA ION form, within 24 hours of any incidence of noncompliance for any violation of the storm water pollution prevention plan observed during any inspection conducted, or for violations of any condition of this permit.

The Department shall complete and submit within 5 days an "Incidence of Noncompliance" (ION) report for any violation of the storm water pollution prevention plan observed during any Inspection conducted, or for violations of any condition of this permit. Submission shall be on forms provided by the IEPA and include specific information on the cause of noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. Corrective actions must be undertaken immediately to address the identified non-compliance issue(s).

Illinois EPA
2520 W. Iles Ave./P.O. Box 19276
Springfield, IL 62794-9276

Please note that if these are delivered via FedEx or UPS, these carriers cannot deliver to our P.O. Box and this number must be excluded from the mailing address.

Part XIII. Corrective Actions

Corrective actions must be taken when:

- A storm water control needs repair or replacement;
- A storm water control necessary to comply with the requirements of this permit was never installed, or was installed incorrectly;
- Discharges are causing an exceedance of applicable water quality standards; or
- A prohibited discharge has occurred.

Corrective Actions must be completed as soon as possible and documented within 7 days in an Inspection Report or report of noncompliance. If it is infeasible to complete the installation or repair within 7 calendar days, it must be documented in the records why it is infeasible to complete the installation or repair within the 7 day time-frame and document the schedule for installing the storm water control(s) and making it operational as soon as feasible after the 7-day time-frame.. In the event that maintenance is required for the same storm water control at the same location three or more times, the control must be repaired in a manner that prevents continued failure to the extent feasible, and it must be documented the condition and how it was repaired in the records. Alternatively, it must be documented why the specific re-occurrence of this same issue must continue to be addressed as a routine maintenance fix.

Part XIV. Retention of Records

The Department must retain copies of the SWPPP and all reports and notices required by this permit, records of all data used to complete the NOI to be covered by this permit, and the Agency Notice of Permit Coverage letter for at least three years from the date that the permit coverage expires or is terminated. the permittee must retain a copy of the SWPPP and any revisions to the SWPPP required by this permit at the construction site from the date of project initiation to the date of final stabilization. Any manuals or other documents referenced in the SWPPP must also be retained at the construction site.

Part XV. Failure to Comply

Failure to comply with any provisions of this Storm Water Pollution Prevention Plan will result in the implementation of a National Pollutant Discharge Elimination System/Erosion and Sediment Control Deficiency Deduction against the Contractor and/or penalties under the Permit ILR10 which could be passed on to the contractor (See Article 105.03 Conformity with Contract)

Part XVI. Keeping the SWPPP (“plan”) Current

IDOT shall amend the plan whenever there is a change in design, construction, operation, or maintenance, which has a significant effect on the potential for the discharge of pollutants to Waters of the United States and which has not otherwise been addressed in the plan or if the plan proves to be ineffective in eliminating or significantly minimizing sediment and/or pollutants identified under paragraph Part II. Water Quality or in otherwise achieving the general objectives of controlling pollutants in storm water discharges associated with construction site activity.

In addition, the plan shall be amended to identify any new contractor and/or subcontractor that will implement a measure of the plan. Amendments to the plan may be reviewed by the IEPA the same manner as the SWPPP and Erosion and Sediment Control Plan (ESCP) submitted as part of the Notice of Intent (NOI). The SWPPP and site map must be modified within 7 days for any changes to construction plans, storm water controls or other activities at the site that are no longer accurately reflected in the SWPPP.

In addition, the NOI shall be modified using the CDX system for any substantial modifications to the project such as:

- address changes
- new contractors
- area coverage
- additional discharges to Waters of the United States, or
- other substantial modifications (e.g. addition of dewatering activities).

The notice of intent shall be modified within 30 days of the modification to the project.

Part XVII: Notifications

In addition to the NOI submitted to IEPA, all MS4 permittees identified in Part I. Site Description shall receive a copy of the NOI.

Part XVIII. Notice of Termination

Where a site has completed final stabilization and all storm water discharges from construction activities that are authorized by this permit are eliminated, the permittee must submit a completed Notice of Termination (NOT) that is signed in accordance with ILR10 permit.

Method of Measurement: NPDES Compliance shall not be measured for payment separately. Measurement for payment for Temporary Erosion and Sediment Control shall be in accordance with Section 280 or as otherwise provided in the contract. Permanent BMPs necessary to comply with this provision shall be measured for payment in accordance with their respective provisions in the contract.

Basis of Payment: NPDES Compliance shall not be paid for separately. Payment for Temporary Erosion and Sediment Control shall be in accordance with Section 280 or as otherwise provided in the contract. Permanent BMPs necessary to comply with this provision shall be paid for in accordance with their respective payment provisions in the contract.



Contractor Certification Statement

Prior to conducting any professional services at the site covered by this contract, the Contractor and every subcontractor must complete and return to the Resident Engineer the following certification. A separate certification must be submitted by each firm. Attach to this certification all items required by Part IX. Contractor Required Submittals of the Storm Water Pollution Prevention Plan (SWPPP) which will be handled by the Contractor/subcontractor completing this form.

Route	Marked Route	Section Number
Various		26-00120-00-PV
Project Number	County	Contract Number
	Cook	

This certification statement is a part of SWPPP for the project described above, in accordance with the General NPDES Permit No. ILR10 issued by the Illinois Environmental Protection Agency.

I certify under penalty of law that I understand the terms of the Permit No. ILR 10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Additionally, I have read and understand all of the information and requirements stated in SWPPP for the above mentioned project; I have received copies of all appropriate maintenance procedures; and, I have provided all documentation required to be in compliance with the Permit ILR10 and SWPPP and will provide timely updates to these documents as necessary.

- Contractor
- Sub-Contractor

Signature

Date

Print Name

Title

Name of Firm

Phone

Street Address

City

State

Zip Code

Items which this Contractor/subcontractor will be responsible for as required in Section II.G. of SWPPP

ASTM D4972 (PH TEST)

Project Name: Huntington Boulevard Watermain

Date Tested: 12/11/2025

Site Address: 1974 Chelmsford Place – Hoffman Estates, Illinois

Client Name: VOHE

DESCRIPTION OF OPERATIONS

On December 10, 2025, one soil sample was collected using a hand-push soil sampler device for the above referenced project. The soil sample was taken to Applied GeoScience, Inc.'s (AGI) laboratory to perform a pH test in accordance with ASTM Standard D4972 using a Thermo Scientific Orion Star A111 Benchtop and Star A121 Portable pH Meter.

AGI is credited by AASHTO Accreditation Program and Illinois Department of Transportation (IDOT).

The soil sample was taken at an approximate depth of 1.5 to 3.5 feet below the existing ground surface. The sample was taken at the address 1974 Chelmsford Place, Hoffman Estates, Illinois as shown on the LPC-662 Form.

An average pH level of 7.3 was recorded. The test result was within the acceptable value limits in accordance with 35 Ill. Adm. Code 1100. The LPC-662 form is attached.



Adam M. Moghamis

Exp. 11-30-2027

Applied GeoScience, Inc.

Inspected By: Natalie Baban
Adam Moghamis, P.E.



Illinois Environmental Protection Agency

Page 1 of 2

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**Source Site Certification
by Owner or Operator
for Use of Uncontaminated Soil as Fill in a
CCDD or Uncontaminated Soil Fill Operation
LPC-662**

**Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)**

This certification form is to be used by source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1) (A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Huntington Boulevard Watermain Office Phone Number, if available: _____

Physical Site Location (Street, Road): 1974 Chelmsford PI

City: Hoffman Estates State: IL Zip Code: 60010

County: Cook Township: Palatine Township

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.06059 Longitude: -88.12983
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

II. Owner/Operator Information for Source Site

Site Owner	Site Operator
Name: _____	Name: _____
Street Address: _____	Street Address: _____
PO Box: _____	PO Box: _____
City: _____	City: _____
Zip Code: _____	Zip Code: _____
Phone: _____	Phone: _____
Contact: _____	Contact: _____
Email, if available: _____	Email, if available: _____

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by IL 532-1855
LPC 348 Rev. 10/2013 the Forms Management Center.

Project Name: Huntington Boulevard Watermain

Latitude: 42.06059 Longitude: -88.12983
(Decimal Degrees) (-Decimal Degrees)**Source Site Certification****III. Descriptions of Current and Past Uses of Source Site**

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

Number of pages attached: 0

Based on our historic aerial photograph investigation, it appears that the area was farmland before the earliest photographs taken until 1987 when the area was developed for residential.

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

Number of pages attached: 1

Soil pH is 7.3 as shown on the attached report.

AGI is credited by AASHTO Accreditation Program and Illinois Department of Transportation (IDOT).

V. Source Site Owner, Operator or Authorized Representative's Certification Statement and Signature

In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I (owner, operator or authorized representative of source site) certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

 Owner Operator Owner's Duly Authorized Representative Operator's Duly Authorized Representative

Printed Name

Signature

Date

ASTM D4972 (PH TEST)

Project Name: Huntington Boulevard Watermain

Date Tested: 12/11/2025

Site Address: Intersection of Navajo Lane and Nogales Street –
Hoffman Estates, Illinois

Client Name: VOHE

DESCRIPTION OF OPERATIONS

On December 10, 2025, one soil sample was collected while using a hand-push soil sampler device for the above referenced project. The soil sample was taken to Applied GeoScience, Inc.'s (AGI) laboratory to perform a pH test in accordance with ASTM Standard D4972 using a Thermo Scientific Orion Star A111 Benchtop and Star A121 Portable pH Meter.

AGI is credited by AASHTO Accreditation Program and Illinois Department of Transportation (IDOT).

The soil sample was taken at an approximate depth of 1.5 to 3.5 feet below the existing ground surface. The sample was taken at the intersection of Navajo Lane and Nogales Street, Hoffman Estates, Illinois as shown on the LPC-662 Form.

An average pH level of 7.6 was recorded. The test result was within the acceptable value limits in accordance with 35 Ill. Adm. Code 1100. The LPC-662 form is attached.



Adam M. Moghamis

Exp. 11-30-2027

Applied GeoScience, Inc.

Inspected By: Natalie Baban
Adam Moghamis, P.E.



Illinois Environmental Protection Agency

Page 1 of 2

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**Source Site Certification
by Owner or Operator
for Use of Uncontaminated Soil as Fill in a
CCDD or Uncontaminated Soil Fill Operation
LPC-662**

**Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)**

This certification form is to be used by source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Huntington Boulevard Watermain Office Phone Number, if available: _____

Physical Site Location (Street, Road): Intersection of Navajo Lane and Nogales Street

City: Hoffman Estates State: IL Zip Code: 60169

County: Cook Township: Palatine Township

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.03270 Longitude: -88.08601
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

II. Owner/Operator Information for Source Site

Site Owner

Name: _____
Street Address: _____
PO Box: _____
City: _____ State: _____
Zip Code: _____ Phone: _____
Contact: _____
Email, if available: _____

Site Operator

Name: _____
Street Address: _____
PO Box: _____
City: _____ State: IL
Zip Code: _____ Phone: _____
Contact: _____
Email, if available: _____

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by IL 532-1855
LPC 348 Rev. 10/2013 the Forms Management Center.

Project Name: Huntington Boulevard Watermain

Latitude: 42.03270 Longitude: -88.08601
(Decimal Degrees) (-Decimal Degrees)**Source Site Certification****III. Descriptions of Current and Past Uses of Source Site**

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

Number of pages attached: 0

Based on our historic aerial photograph investigation, it appears that the area was farmland before the earliest photographs taken until 1987 when the area was developed for residential.

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

Number of pages attached: 1

Soil pH is 7.6 as shown on the attached report.
AGI is credited by AASHTO Accreditation Program and Illinois Department of Transportation (IDOT).

V. Source Site Owner, Operator or Authorized Representative's Certification Statement and Signature

In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I (owner, operator or authorized representative of source site) certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Owner
 Owner's Duly Authorized Representative

Operator
 Operator's Duly Authorized Representative

Printed Name

Signature

Date

ASTM D4972 (PH TEST)

Project Name: Huntington Boulevard Watermain

Date Tested: 12/11/2025

Site Address: 3452 Wilshire Drive – Hoffman Estates, Illinois

Client Name: VOHE

DESCRIPTION OF OPERATIONS

On December 10, 2025, one soil sample was collected while using a hand-push soil sampler device for the above referenced project. The soil sample was taken to Applied GeoScience, Inc.'s (AGI) laboratory to perform a pH test in accordance with ASTM Standard D4972 using a Thermo Scientific Orion Star A111 Benchtop and Star A121 Portable pH Meter.

AGI is credited by AASHTO Accreditation Program and Illinois Department of Transportation (IDOT).

The soil sample was taken at an approximate depth of 1.5 to 3.5 feet below the existing ground surface. The sample was taken at the address 3452 Wilshire Drive, Hoffman Estates, Illinois as shown on the LPC- 662 Form.

An average pH level of 7.2 was recorded. The test result was within the acceptable value limits in accordance with 35 Ill. Adm. Code 1100. The LPC-662 form is attached.



Adam M. Moghamis

Exp. 11-30-2027

Applied GeoScience, Inc.

Inspected By: Natalie Baban
Adam Moghamis, P.E.



Illinois Environmental Protection Agency

Page 1 of 2

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**Source Site Certification
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CCDD or Uncontaminated Soil Fill Operation
LPC-662**

**Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)**

This certification form is to be used by source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1) (A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Huntington Boulevard Watermain Office Phone Number, if available: _____

Physical Site Location (Street, Road): 3452 Wilshire Drive

City: Hoffman Estates State: IL Zip Code: 60010

County: Cook Township: Palatine Township

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.08563 Longitude: -88.08922
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

II. Owner/Operator Information for Source Site

Site Owner	Site Operator
Name: _____	Name: _____
Street Address: _____	Street Address: _____
PO Box: _____	PO Box: _____
City: _____ State: _____	City: _____ State: <u>IL</u>
Zip Code: _____ Phone: _____	Zip Code: _____ Phone: _____
Contact: _____	Contact: _____
Email, if available: _____	Email, if available: _____

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by IL 532-1855
LPC 348 Rev. 10/2013 the Forms Management Center.

Project Name: Huntington Boulevard Watermain

Latitude: 42.08563 Longitude: -88.08922
(Decimal Degrees) (-Decimal Degrees)**Source Site Certification****III. Descriptions of Current and Past Uses of Source Site**

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

Number of pages attached: 0

Based on our historic aerial photograph investigation, it appears that the area was farmland before the earliest photographs taken until 1987 when the area was developed for residential.

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

Number of pages attached: 1

Soil pH is 7.2 as shown on the attached report.

AGI is credited by AASHTO Accreditation Program and Illinois Department of Transportation (IDOT).

V. Source Site Owner, Operator or Authorized Representative's Certification Statement and Signature

In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I (owner, operator or authorized representative of source site) certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

 Owner Owner's Duly Authorized Representative Operator Operator's Duly Authorized Representative

Printed Name

Signature

Date

Subsurface Investigation Report

For the

**Proposed Sewer & Water Main Installation
Various Streets
Hoffman Estates, Illinois**

Prepared for

Mr. Andy LoBosco, P.E.
Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, IL 60169

Prepared by

Applied GeoScience, Inc.
2385 Hammond Dr., Suite 6
Schaumburg, Illinois 60173
847-303-0300

January 9, 2026



Applied GeoScience, Inc.

Geotechnical, Environmental & Materials Engineering

January 9, 2026

Mr. Andy LoBosco, PE
Senior Project Manager/Engineering Division
Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, Illinois 60169

Re: Subsurface Investigation Report
Proposed Sewer & Water Main Installation
Various Streets - Hoffman Estates, Illinois
AGI Job No. 25-402

Dear Mr. LoBosco:

The subsurface exploration at the above-referenced site has been completed. The attached report represents the findings of the subsurface exploration and provides the geotechnical analysis for the project.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the contents of this report, or if we may be of further service to you in any way, please do not hesitate to contact us.

Sincerely,

APPLIED GEOSCIENCE, INC.

Adam M. Moghamis, P.E.
Principal Engineer

enc.

INTRODUCTION

The purpose of this exploration was to evaluate the subsurface soil conditions at the site and to formulate conclusions and guideline recommendations pertaining to the influence of these conditions upon the proposed improvements.

The subject site is located along Bradley Lane and Morton Street in Hoffman Estates, Illinois, as shown on Appendix A, Boring Location Diagram.

It is our understanding that the scope of work will consist of a new sewer and water main installation. It is anticipated that proposed grades will be approximately equivalent to existing grades.

Results of field and laboratory testing and final guideline recommendations based upon these data are included in this report. Logs of the soil borings performed at the site, a site location map, the results of the exploration, and general notes are included with this report. AGI personnel established the boring locations in the field based on the diagram provided by the client, without the use of sophisticated equipment, therefore all locations are considered to be approximate.

The purpose of this report is to describe the subsurface conditions encountered in the borings, to summarize the test data, and to provide guideline recommendations regarding design for the proposed roadway and parking lot improvements.

SUBSURFACE EXPLORATION PROCEDURES

Sixteen (16) soil borings extended to a maximum depth of 20.0 feet below ground surface were performed at the above referenced site on December 19, 2025 and January 5, 2026. The soil borings were performed using a truck-mounted rotary drilling rig, using hollow stem augers. Representative samples were obtained using the split-barrel sampling procedure according to ASTM Specification D-1586. In the split-barrel sampling procedure, a 2-inch O.D. split-barrel sampling spoon is driven into the ground with a 140-pound hammer, free falling a distance of 30 inches. The blows required to advance the sampling spoon by 12 inches after an initial 6-inch penetration are reported as the penetration resistance (N) values. These values are shown on the boring logs at their test depths. The penetration resistance value is an indication of the relative density of in-place granular soil and, to a lesser degree of accuracy, the consistency of cohesive soil. Cohesive soils were also tested for unconfined compressive strength using a calibrated penetrometer device. Upon completion of the drilling, the borings were filled with auger cuttings.

Samples were sealed and returned to AGI's laboratory for further examination, classification and testing. Field logs of each boring were prepared by our field engineer. These logs include visual classifications of the materials encountered during drilling as well as the

engineer's interpretation of the subsurface conditions between samples. Final boring logs included with this report represent an interpretation of the field logs and include modifications based on the laboratory testing of the samples.

SOIL CONDITIONS

The soil conditions encountered at the boring locations are shown on the enclosed boring logs, which can be found in Appendix B. The general conditions are described within the following strata.

1. Surficial Materials

At the surface, the borings encountered approximately 8.5 to 10.5 inches of asphalt over 1.5 to 3.5 inches of crushed stone, sand and gravel.

2. Fill Materials

In Borings MS-1, MS-3, MS-6, MS-7, and MS-9, the surficial materials were underlain by dark brown, dark gray, and black fill materials consisting of silty clay, sand, gravel, crushed stone, and possible organics. These soils were encountered in a stiff to hard condition and extend to depths of 2.5 to 7.5 feet below the ground surface.

3. Silty Clay

In general, the fill and surficial materials were underlain by brown and gray to gray silty clay with some to traces of sand and gravel. These soils were encountered in a stiff to very hard condition and extended to the boring termination depth of 20.0 feet below the ground surface.

The stratification lines shown on the boring logs represent the approximate boundary between soil types. The actual transition may be more gradual.

LABORATORY TESTING PROGRAM

The geotechnical testing program consisted of performing water content tests on selected soil samples according to ASTM D-2216, calibrated penetrometer tests on the cohesive samples recovered. These tests were performed upon representative portions of the samples obtained in the field. The results of all testing performed, along with a visual classification of the material based upon both a textural analysis and the Unified Soil Classification System, are indicated on the boring logs.

GROUNDWATER CONDITIONS

The borings were monitored during and immediately after the completion of drilling for the presence of groundwater. Groundwater was only encountered in Boring MS-2 at a depth of 9.0 feet below the ground surface after sampling. All borings were backfilled immediately after drilling for safety reasons.

Based on our experience, the long-term elevation of the water table is typically located at the depth where the color of the soil changes from brown and gray to completely gray. This transition occurred at the depths of 7.5 to 10.5 feet below the ground surface, which indicates that the phreatic surface exists below an approximate depth of 9.5 feet below the ground surface.

Groundwater observations in the borings provide an approximate indication of the groundwater conditions at the time the borings were drilled. The levels noted at the time of boring may not represent the prevailing water table. Longer-term observations in cased holes or piezometers would be necessary for a more accurate evaluation of the groundwater conditions at this site.

Fluctuations in the groundwater level and the possible development of perched water table should be anticipated throughout the year depending on variations in climatological conditions and other factors not apparent at the time the borings were performed. The possibility of groundwater level fluctuation should be considered when developing the design and construction plans for the project.

ANALYSIS AND GUIDELINE RECOMMENDATIONS

The following guideline recommendations assume that the scope of the project as described in the beginning of this report does not change, and that no significant variations in soil conditions occur from those reported on our final boring logs. The boring logs and laboratory test results depict subsurface conditions only at the specified location on the site. With these limitations, the following geotechnical guideline recommendations are given for the proposed sewer and water main installation.

Installation of Water Main

The installation of the water main should be performed in accordance with the Illinois Department of Transportation (IDOT) Standard Specification for Road and Bridge Construction. The following recommendations are based on the soils encountered in the borings and the water main invert elevation of 5.0 feet below the ground surface. The boring logs and laboratory test results depict subsurface conditions only at the specified locations on the site. With these limitations, the following geotechnical recommendations are given for the proposed water main and associated structures. A qualified soil engineer should confirm the soil strength at the location of each proposed structure prior to the placement of any structure.

Bedding Recommendation for the Water Main

It is recommended that a well compacted, moist fine aggregate bedding material conforming to IDOT Specification 603.04 be placed for at least four (4) inches below the pipe, across the entire width of the trench, and for the length of the pipe. The fine aggregate should meet the

approval of the engineer and should be compacted to his/her satisfaction by ramming or tamping with tools approved by the engineer. It is recommended that the fine aggregate bedding material be compacted to 90 percent of its maximum dry density as determined by ASTM specification D-1557. In order to create an adequate stress distribution zone beneath the water main, it is recommended that the bedding material be extended across the entire width of the trench.

Installation of Sewer

The installation of the sewer should be performed in accordance with the Illinois Department of Transportation (IDOT) Standard Specification for Road and Bridge Construction. The following recommendations are based on the soils encountered in the borings and the sewer invert depth below 6.0 feet. The boring logs and laboratory test results depict subsurface conditions only at the specified locations on the site. With these limitations, the following geotechnical recommendations are given for the proposed sewer and associated structures. A qualified soil engineer should confirm the soil strength at the location of each proposed structure prior to the placement of any structure.

Bedding Recommendation for the Sewer Pipe

It is recommended that a well compacted, moist fine aggregate bedding material conforming to IDOT Specification 603.04 be placed for at least four (4) inches below the pipe, across the entire width of the trench, and for the length of the pipe. The fine aggregate should meet the approval of the engineer and should be compacted to his/her satisfaction by ramming or tamping with tools approved by the engineer. It is recommended that the fine aggregate bedding material be compacted to 90 percent of its maximum dry density as determined by ASTM specification D-1557. In order to create an adequate stress distribution zone beneath the sewer, it is recommended that the bedding material be extended across the entire width of the trench.

Excavation Support

It is anticipated that the trench excavations will penetrate natural silty clay soils encountered in the borings and that a side bracing system will be used to provide temporary lateral support. For the design of any temporary retaining systems, it is recommended that a lateral active earth pressure of 40 psf per foot of depth be used above the water table. Below the water table, it is recommended that a lateral active earth pressure of 80 psf per foot of depth be employed. Allowances should also be made for any surcharge loads adjacent to the retaining structures. All excavations should be performed in accordance with the latest Occupational Safety and Health Administration requirements.

Backfill Requirements

As soon as the condition of the pipe permits, the entire width of the trench should be backfilled with moist fine aggregate, meeting the gradations specified in IDOT Specification

603.04 to a height of at least the top of the pipe. The fine aggregate should be placed longitudinally along the pipe. The elevation of the backfill material on each side of the pipe should be the same. Special care should be taken to completely fill the space under the pipe. It is recommended that the fine aggregate backfill material be placed in 8-inch layers, loose measurement, and compacted to the satisfaction of the engineer by ramming or tamping with tools approved by the engineer. The fine aggregate backfill material should be compacted to 90 percent of its maximum dry density as determined by ASTM Specification D-1557. The fine aggregate used for backfilling should meet the approval of the engineer.

The remainder of the trench and excavation should be backfilled to the natural line or finished surface as rapidly as the condition of the water main permits. The backfill material should consist of an approved granular material conforming to IDOT Specification 603.04. All backfill material should be deposited in the trench or excavation in such a manner as not to damage the water main. The filling of the trench should be carried on simultaneously on both sides of the pipe in such a manner that injurious side pressures do not occur. The backfill for trenches and excavation made in the subgrade of the proposed improvement, and for all trenches outside of the subgrade where the inner edge of the trench is within 2 feet of the edge of the proposed pavement, curb, gutter, curb and gutter, stabilized shoulder or sidewalk, should be made with trench backfill material, unless the excavated material meets the requirements of the IDOT Specification 603.04.

Fill materials placed below any paved areas should be placed in lifts not exceeding 9 inches in loose thickness and compacted to a recommended minimum 95% ASTM Specification D-1557 density. The backfilling operation should be inspected by an Applied GeoScience, Inc. representative to assure proper placement of backfill in accordance with these recommendations. Backfill materials should be inorganic materials free of deleterious substances. The fill materials should be placed during weather conditions and at moisture contents that permit the recommended degree of compaction to be obtained.

CONSTRUCTION CONSIDERATIONS

Depending upon weather conditions during and prior to construction, some groundwater could be encountered in the anticipated construction excavations on the site. It is anticipated that any seepage into the construction excavation could be controlled with drainage ditches or by pumping from sump pits.

Soft, wet, and unstable subgrade soils may occur where shallow groundwater is present throughout the construction site. Heavy equipment traffic directly on these materials should be minimized or prevented.

All excavation should be performed in accordance with the latest Occupational Safety and Health Administration requirements.

New requirements of the Illinois Environmental Protection Agency mandate that all uncontaminated soil that is to be removed from the site, including soil mixed with other clean construction or demolition debris (CCDD), sent to either a CCDD or an uncontaminated soil fill operation must be certified as uncontaminated soil in accordance with Section 22.52(f)(2)(B) or Section 22.51a(d)(2)(B), respectively, of the Environmental Protection Act [415 ILCS 5]. Certifications for commercial/industrial properties must be made by a licensed professional engineer. Certifications for uncontaminated soil removed from a site that has not been used for commercial or industrial purposes may be made either by the site owner/operator or by a licensed professional engineer on the IEPA's forms. These forms, along with the analytical results, must be submitted to the fill operation prior to disposal of any soils excavated from the site. AGI's environmental professionals are qualified to perform testing and certifications in accordance with the IEPA's regulations.

Continuous observation by a geotechnical engineer or his representative should be maintained during site preparation and compaction of all fill and backfill material.

GENERAL COMMENTS

The analysis and recommendations presented in this report are based upon the data obtained from the soil borings performed at the indicated location and from any other information discussed in this report. This report does not reflect any variations that may occur across the site. The nature and extent of such variations may not become evident until construction. If variations appear evident, it will be necessary to reevaluate the recommendations of the report.

It is recommended that an Applied GeoScience, Inc. geotechnical engineer be given the opportunity to review the plans and specifications so that comments can be made regarding the interpretation and implementation of our geotechnical recommendations in the design and specifications. It is further recommended that the geotechnical engineer be retained for testing and observation during earthwork construction phases to help determine that the design requirements are fulfilled.

This report has been prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted geotechnical engineering practices. No other warranties, either expressed or implied, are intended or made. In the event that any changes in the nature, design or location of the project as outlined in this report are planned, the conclusions and recommendations contained in this report shall not be considered valid unless the changes are reviewed and the conclusions of this report modified or verified in writing by the geotechnical engineer.

APPENDIX A

Boring Location Diagram



PROJECT NUMBER: 25-402
CLIENT NAME: VOHE
DATE: January, 2026

APPENDIX A:
Subject Property Location Diagram

SITE LOCATION:
Bradley Lane 168
Hoffman Estates, Illinois



Not to Scale

Applied GeoScience, Inc.
2385 Hammond Drive, Suite 6
Schaumburg, Illinois 60173
(847) 303-0300



PROJECT NUMBER: 25-402

CLIENT NAME: VOHE

DATE: January, 2026

APPENDIX A:
Subject Property Location Diagram

SITE LOCATION:

Morton Street 169
Hoffman Estates, Illinois



Not to Scale

Applied GeoScience, Inc.
2385 Hammond Drive, Suite 6
Schaumburg, Illinois 60173
(847) 303-0300

APPENDIX B

Boring Logs

AGI Job No. 25-402		BORING LOG NO. BL-1						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements							
STATION AND OFFSET: Bradly Lane				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	8.5" asphalt over 3.5" stone										
	SILTY CLAY, trace sand & gravel, brown, very hard (CL)										
5.0					27	1	SS	67	15	4.5	
	SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)				31	2	SS	50	19	4.5	
					36	3	SS	61	17	2.5	
					34	4	SS	78	22	3.5	
11.0					24	5	SS	78	21	3.0	
12.5	SILTY CLAY, trace sand & gravel, gray with streaks of brown, very stiff (CL)				27	6	SS	83	18	3.0	
	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				24	7	SS	89	21	2.0	
20.0	End Of Boring				20						
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900				STARTED	12-19-25	FINISHED	12-19-25
WL	▽	Dry	DRILL CO.					AGI	DRILL RIG	45-C	
WL	▼		DRILLER					JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 15'	ENG/GEOL.					AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. BL-2						Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements						
STATION AND OFFSET: Bradly Lane				LOCATION: Various Streets						
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS	
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %
1.0	10" asphalt over 2" crushed stone									
2.5	SILTY CLAY, with sand & gravel, brown, very stiff (CL)				18	1	SS	72	14	3.5
5.0	SILTY CLAY, with sand & gravel, brown with streaks of gray, hard (CL)				22	2	SS	67	21	4.0
9.0	SILTY CLAY, trace sand & gravel, brown-gray, very hard (CL)				30	3	SS	78	19	4.5
20.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				22	4	SS	72	20	2.5
					17	5	SS	83	17	2.5
					20	6	SS	89	18	2.8
					26	7	SS	78	20	3.0
End Of Boring					20					
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	12-19-25	FINISHED	12-19-25
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C	
WL	▼		DRILLER				JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 16'	ENG/GEOL.				AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. BL-3							Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements							
STATION AND OFFSET: Bradly Lane				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	8.5" asphalt over 3.5" stone										
2.5	SILTY CLAY, with sand & gravel, brown, very stiff (CL)				18	1	SS	61	19		3.0
5.5	SILTY CLAY, trace sand & gravel, brown with streaks of gray, hard (CL)				28	2	SS	67	19		4.0
15.0	SILTY CLAY, trace sand & gravel, gray, very stiff to stiff (CL)				5						
					12	3	SS	82	21		3.5
					10	4	SS	78	21		2.8
					18	5	SS	78	21		2.5
20.0	End Of Boring				15	6	SS	78	15		1.5
					20	7	SS	22	14		2.0
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900				STARTED	12-19-25	FINISHED	12-19-25
WL	▽	Dry	DRILL CO.					AGI	DRILL RIG	45-C	
WL	▼		DRILLER					JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 15'	ENG/GEOL.					AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. BL-4						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements							
STATION AND OFFSET: Bradly Lane				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	10" asphalt over 2" crushed stone										
	SILTY CLAY, with sand & gravel, brown, very stiff (CL)										
					14	1	SS	50	24	3.0	
					18	2	SS	56	17	3.5	
7.5					11	3	SS	89	25	2.0	
	SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)				14	4	SS	61	20	2.5	
10.5					25	5	SS	78	20	3.0	
	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				29	6	SS	83	20	3.5	
20.0					21	7	SS	89	18	3.0	
	End Of Boring				20						
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900				STARTED	12-19-25	FINISHED	12-19-25
WL	▽	Dry	DRILL CO.					AGI	DRILL RIG	45-C	
WL	▼		DRILLER					JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 18'	ENG/GEOL.					AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. BL-5						Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements						
STATION AND OFFSET: Bradly Lane				LOCATION: Various Streets						
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS	
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %
1.0	9" asphalt over 3" crushed stone									
2.5	SILTY CLAY, with sand & gravel, brown, hard (CL)				21	1	SS	50	15	4.0
7.5	SILTY CLAY, trace sand & gravel, possible organics, brown-dark gray, stiff (CL)				19	2	SS	50	25	1.5
10.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				8	3	SS	61	26	1.5
10.0	SILTY CLAY, with sand & gravel, gray, very stiff (CL)				15	4	SS	78	16	2.5
16.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				18	5	SS	72	17	3.5
20.0	End Of Boring				16	6	SS	61	12	2.5
					25	7	SS	89	21	2.0
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	12-19-25	FINISHED	12-19-25
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C	
WL	▼		DRILLER				JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 17'	ENG/GEOL.				AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. BL-6							Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements							
STATION AND OFFSET: Bradly Lane				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	9" asphalt over 3" crushed stone										
	SILTY CLAY, trace sand & gravel, brown, hard to very stiff (CL)				26	1	SS	39	16		4.0
5.0					15	2	SS	33	20		3.0
	SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)				10	3	SS	61	27		2.0
8.0					28	4	SS	67	20		3.0
	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				20	5	SS	89	16		2.0
					18	6	SS	89	18		2.5
20.0					16	7	SS	89	17		2.0
End Of Boring					20						
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900				STARTED	12-19-25	FINISHED	12-19-25
WL	▽	Dry	DRILL CO.					AGI	DRILL RIG	45-C	
WL	▼		DRILLER					JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 17'	ENG/GEOL.					AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. BL-7						Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements						
STATION AND OFFSET: Bradly Lane				LOCATION: Various Streets						
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS	
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %
1.0	8.5" asphalt over 3.5" stone									
2.5	SILTY CLAY, with sand & gravel, brown, stiff (CL)				21	1	SS	17	17	1.0
5.0	SILTY CLAY, trace & gravel, brown, very hard (CL)				27	2	SS	83	19	4.5
7.5	SILTY CLAY, trace sand & gravel, brown-gray, very hard (CL)				38	3	SS	78	21	4.5
20.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				27	4	SS	83	20	3.5
					25	5	SS	78	18	3.5
					24	6	SS	78	17	2.5
					29	7	SS	89	20	3.0
End Of Boring					20					
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	12-19-25	FINISHED	12-19-25
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C	
WL	▼		DRILLER				JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 17'	ENG/GEOL.				AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. MS-1						Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements						
STATION AND OFFSET: Morton Street				LOCATION: Various Streets						
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS	
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %
1.0	10" asphalt over 2" crushed stone									
2.5	FILL, silty clay, trace sand & gravel, brown with gray, very hard				21	1	SS	72	17	4.5
5.0	FILL, silty clay, with sand, gravel & crushed stone, brown, very stiff				50	2	SS	44	18	3.0
7.5	SILTY CLAY, trace sand & gravel, brown, very stiff (CL)				14	3	SS	61	18	3.5
12.5	SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)				14	4	SS	67	20	3.5
20.0	End Of Boring				24	5	SS	78	20	3.5
					26	6	SS	89	19	3.5
					22	7	SS	89	19	3.0
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	1-5-26	FINISHED	1-5-26
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C	
WL	▼		DRILLER				JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 18'	ENG/GEOL.				AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. MS-2							Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements								
STATION AND OFFSET: Morton Street				LOCATION: Various Streets								
COUNTY: Cook County				GRAPHIC LOG	SAMPLES			TESTS				
CITY & STATE: Hoffman Estates, Illinois					DEPTH (FT.)	SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF	
SURFACE ELEVATION		Datum: USGS							Qu tsf Failure Type	VANE SHEAR PSF		
1.0 10.5" asphalt over 1.5" crushed stone												
5.0		SILTY CLAY, with sand, trace gravel, brown, very stiff to hard (CL)			29	1	SS	61	19	3.5		
8.0		SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)			45	2	SS	72	20	4.0		
10.5		SILTY CLAY, with fine to medium sand, trace gravel, brown-gray, very stiff (CL)			28	3	SS	78	20	3.5		
10.5		SILTY CLAY, trace sand & gravel, gray, moist, very stiff (CL)			25	4	SS	89	22	2.5		
20.0		SILTY CLAY, trace sand & gravel, gray, moist, very stiff (CL)			20	5	SS	78	24	2.5		
					21	6	SS	78	22	2.5		
					21	7	SS	83	21	2.5		
End Of Boring					20							

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	1-5-26	FINISHED	1-5-26
WL	▽				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼ 9 AS				DRILLER	JR	ASS'T DRILLER	MV
WL	▼ Cave-in @ 18'				ENG/GEOL.	AAM	APPROVED	AMM

AGI Job No. 25-402		BORING LOG NO. MS-3						Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements						
STATION AND OFFSET: Morton Street				LOCATION: Various Streets						
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS	
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %
1.0	10.5" asphalt over 1.5" crushed stone									
2.5	FILL, silty clay, with sand, gravel & crushed stone, brown with gray, very stiff									
7.5	SILTY CLAY, trace sand & gravel, brown, very hard (CL)									
11.0	SILTY CLAY, trace sand & gravel, brown-gray, hard to very stiff (CL)									
20.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)									
End Of Boring										
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	1-5-26	FINISHED	1-5-26
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C	
WL	▼		DRILLER				JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 17'	ENG/GEOL.				AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. MS-4							Sheet 1 of 1					
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements										
STATION AND OFFSET: Morton Street				LOCATION: Various Streets										
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS					
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF	Qu tf Failure Type	VANE SHEAR PSF	Est. Coefficient of Permeability k, (cm/sec)
1.0	9" asphalt over 3" crushed stone													
	SILTY CLAY, trace sand & gravel, brown, very hard to very stiff (CL)				29	1	SS	61	18	4.5				
5.0					16	2	SS	72	33	3.5				
	SILTY CLAY, trace sand & gravel, brown with streaks of gray, hard (CL)				42	3	SS	89	19	4.0				
7.5	SILTY CLAY, trace sand & gravel, gray with streaks of brown, very hard (CL)				37	4	SS	89	19	4.5				
					25	5	SS	83	17	4.5				
13.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				28	6	SS	83	18	3.5				
					21	7	SS	89	20	2.5				
20.0	End Of Boring				20									
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900				STARTED	1-5-26	FINISHED	1-5-26			
WL	▽	Dry	DRILL CO.					AGI	DRILL RIG	45-C				
WL	▼		DRILLER					JR	ASS'T DRILLER	MV				
WL	▼	Cave-in @ 18'	ENG/GEOL.					AAM	APPROVED	AMM				

AGI Job No. 25-402		BORING LOG NO. MS-5						Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements						
STATION AND OFFSET: Morton Street				LOCATION: Various Streets						
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS	
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %
1.0	9" asphalt over 3" crushed stone									
5.0	SILTY CLAY, trace sand & gravel, brown, hard to very hard (CL)									
7.5	SILTY CLAY, trace sand & gravel, brown with streaks of gray, very hard (CL)									
10.5	SILTY CLAY, trace sand & gravel, brown-gray, very hard (CL)									
20.0	SILTY CLAY, trace sand & gravel, gray, very hard to very stiff (CL)									
End Of Boring										
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	1-5-26	FINISHED	1-5-26
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C	
WL	▼		DRILLER				JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 17'	ENG/GEOL.				AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. MS-6							Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements							
STATION AND OFFSET: Morton Street				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	9.5" asphalt over 2.5" crushed stone										
2.5	FILL, silty clay, with sand, trace gravel, brown with gray, very stiff				20	1	SS	61	19		2.5
5.5	FILL, possible organic clay, trace sand, dark gray-black, stiff				8	2	SS	72	21		1.5
8.0	SILTY CLAY, trace sand & gravel, brown with streaks of gray, hard (CL)				33	3	SS	89	26		4.0
17.0	SILTY CLAY, trace sand & gravel, gray, hard to very stiff (CL)				21	4	SS	89	25		4.0
20.0					18	5	SS	89	22		2.5
					16	6	SS	83	18		2.5
					15	7	SS	89	19		1.0
End Of Boring					20						
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900				STARTED	1-5-26	FINISHED	1-5-26
WL	▽	Dry	DRILL CO.					AGI	DRILL RIG	45-C	
WL	▼		DRILLER					JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 17'	ENG/GEOL.					AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. MS-7						Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements						
STATION AND OFFSET: Morton Street				LOCATION: Various Streets						
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS	
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %
1.0	9.5" asphalt over 2.5" crushed stone									
	FILL, mixture of sand gravel, clay & crushed stone, brown, medium dense									
7.5					28	1	SS	61		
					10	2	SS	72		
					11	3	SS	44		
10.0	SILTY CLAY, trace sand & gravel, brown-gray, hard (CL)				17	4	SS	61	17	4.0
	SILTY CLAY, trace sand & gravel, gray, hard to very stiff (CL)				18	5	SS	78	16	4.0
					24	6	SS	83	17	4.5
20.0					15	7	SS	89	17	2.0
	End Of Boring				20					
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	1-5-26	FINISHED	1-5-26
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C	
WL	▼		DRILLER				JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 17'	ENG/GEOL.				AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. MS-8						Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements						
STATION AND OFFSET: Morton Street				LOCATION: Various Streets						
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS	
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %
1.0	9" asphalt over 3" crushed stone									
2.5	SILTY CLAY, trace sand & gravel, light brown, hard (CL)				25	1	SS	72	19	4.0
5.0	SILTY CLAY, trace sand & gravel, light brown, stiff (CL)				20	2	SS	78	22	1.5
8.0	SILTY CLAY, trace sand & gravel, brown, very stiff (CL)				16	3	SS	89	17	3.0
11.0	SILTY CLAY, trace sand & gravel, brown-gray, hard (CL)				26	4	SS	89	16	4.0
20.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				25	5	SS	89	16	3.5
					20	6	SS	89	17	3.0
					15					
					28	7	SS	89	14	2.0
End Of Boring					20					
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	1-5-26	FINISHED	1-5-26
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C	
WL	▼		DRILLER				JR	ASS'T DRILLER	MV	
WL	▼	Cave-in @ 16'	ENG/GEOL.				AAM	APPROVED	AMM	

AGI Job No. 25-402		BORING LOG NO. MS-9						Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: Sewer & Water Mainline Improvements						
STATION AND OFFSET: Morton Street				LOCATION: Various Streets						
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum: USGS	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS	
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %
1.0	8.5" asphalt over 3.5" crushed stone									
	FILL, silty clay, trace sand & gravel, possible organics, brown with dark gray & black, hard to very stiff									
5.0					29	1	SS	67	20	4.5
					18	2	SS	28	25	3.0
	SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)				14	3	SS	78	27	3.0
8.0					26	4	SS	89	22	4.5
	SILTY CLAY, trace sand & gravel, gray, very hard to very stiff (CL)				20	5	SS	89	20	2.0
					15	6	SS	89	18	2.0
18.0										
	SILTY CLAY, trace sand & gravel, gray, stiff (CL)				14	7	SS	89	19	1.5
20.0	End Of Boring									
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	1-5-26	FINISHED	1-5-26
WL	▽					DRILL CO.	AGI	DRILL RIG	45-C	
WL	▼					DRILLER	JR	ASS'T DRILLER	MV	
WL	▼					ENG/GEOL.	AAM	APPROVED	AMM	



Strength, Qu, tsf "Cohesive Soil"

< 0.25	Very Soft
0.25 - 0.49	Soft
0.50 - 0.99	Medium Stiff
1.00 - 1.99	Stiff
2.00 - 3.99	Very Stiff
4.00 - 8.00	Hard
> 8.00	Very Hard

Failure Type

S	Shear	B	Bulge
P	Calibrated Penetrometer		

Drilling & Sampling Symbols

R	: Auger Refusal
SS	: Split Spoon - 1 3/8 I.D., 2" O.D.
PA	: Power Auger
HA	: Hand Auger
DB	: Diamond Bit - NX, BX, AX
ST	: Shelby Tube
WS	: Wash Sample

Water Level Measurement Symbols

WL	: Water Level
WD	: While Drilling
AD	: After Drilling
WS	: While Sampling

Relative Proportions of Sand & Gravel

Descriptive Term (s) (of Components Also Present in Sample)	Percent of Dry Weight
Trace	< 15
With	15 - 29
Modifier	> 30

Particle - Size Limits

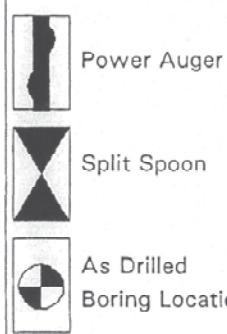
Sand	2.00 - 0.075 mm
Silt	0.075 - 0.002 mm
Clay finer than	0.002 mm

IDOT Abbreviations

C - Clay
Si - Silt
L - Loam
SiC - SiltyClay
SiCL - SiltyClayLoam
SaC - SandyClay
SaCL - SandyClayLoam
SiL - SiltyLoam
SaL - SandyLoam
CL - ClayLoam
G - Gravel
Gr - Gravelly (Prefix)

Descriptive Term Of Components Also Present In Sample

Percent Of Dry Weight
Trace
Little
Some
And



N-Blows Per ft. "Granular Soil"

0 - 3	Very Loose
4 - 9	Loose
10 - 29	Medium Dense
30 - 49	Dense
50 - 80	Very Dense
80 +	Extremely Dense

Standard "N" Penetration: Blows per foot of a 140 pound hammer falling 30 inches on a 2 inch OD split spoon.

RIMAC: Machine is used to performing unconfined compressive test on cohesive soil (Field or Lab Testing).

Descriptive Rock Classification

Rock Quality Designation

RQD %	Rock Quality
0.0 - 0.25	Very Poor
0.25 - 0.50	Poor
0.50 - 0.75	Fair
0.75 - 0.90	Good
0.90 - 1.00	Excellent

Classification of rock materials has estimated from disturbed samples.

Relative Proportions of Fines

Descriptive Term (s) (of Components Also Present in Sample)

Percent of Dry Weight

Trace	< 5
With	5 - 12
Modifier	> 12

Soil Plasticity %

LL : Liquid Limit PL : Plastic Limits
PI : Plasticity Index NP : Non Plastic
LL - PL = PI

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		CLEAN SANDS (LITTLE OR NO FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50			ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
				MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50			CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
		HIGHLY ORGANIC SOILS		PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

Note: Dual symbols are used to indicate borderline soil classifications



Applied GeoScience, Inc.

Geotechnical, Environmental & Materials Engineering



Applied GeoScience, Inc.

Geotechnical, Environmental & Materials Engineering

December 3, 2024

Mr. Andy LoBosco, P.E.
Senior Project Manager
Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, Illinois 60169

Reference: **Geotechnical Engineering Investigation**
2025 Hoffman Estates Street Revitalization Project
Various Streets – Hoffman Estates, Illinois
AGI Project No. 24-353

Dear Mr. LoBosco:

Applied GeoScience, Inc. (AGI) is pleased to present the results of our soil boring and engineering analysis for the above-referenced project. A total of sixty-six (66) soil borings were conducted between September 3 and November 11, 2024. AGI personnel selected the soil boring locations based on the list of cross streets provided by the Client. Location diagrams can be found in Attachment A.

The purpose of this investigation was to provide information regarding the pavement thickness, subbase type, subbase thickness, and subgrade type at each borehole location. The soil borings were extended to depths of 9.0 to 20.0 feet below ground surface using a truck-mounted rotary drill rig with continuous flight augers. Upon completion, the borings were backfilled with auger cuttings and were patched to match the existing grade.

Representative samples were obtained using the split-barrel sampling procedure according to ASTM Specification D-1586. Split spoon sampling involves driving a 2.0-inch outside diameter split-barrel sampler into the soil with a 140-pound weight falling freely over a distance of 30 inches. The number of blows required to advance the sampler the last 12 inches is termed the Standard Penetration Resistance (N). The N value is an indication of the relative density of granular soil, and, to a lesser degree of accuracy, the consistency of cohesive soil. Cohesive soils were tested for unconfined compressive strength (q_u) using a pocket penetrometer test device. Results for relative density and a qualitative description of compressive strengths are included in Attachment A.

The soil borings generally encountered 4.0 to 13.0 inches of asphalt pavement over 3.0 to 9.0 inches of crushed stone or sand and gravel subbase. The subbase was generally underlain by silty clay fill materials or natural silty clay in a stiff to hard condition extending to the boring termination depth of 10.0 to 20.0 feet below the ground surface. A detailed description of the soil boring results can be found in Attachment A.

Unsuitable soils, such as loose fill materials, soft clay, organic soils, etc. were encountered in the borings C-2, C-4, D-4, E-4, F-1, G-1, G-2, L-3, and L-4. The fill and natural silty clay materials encountered in the borings may be reused as engineering fill materials.

We appreciate the opportunity to provide geotechnical services to the Village of Hoffman Estates. If you have any questions, or require any additional information, please do not hesitate to contact the undersigned.

Sincerely,

APPLIED GEOSCIENCE, INC.

Akram A. Moghamis

Akram A. Moghamis
Project Manager

Adam M. Moghamis

Adam M. Moghamis, P.E.
Principal Engineer



ATTACHMENT A

Soil Boring Results

AGI Job No. 24-353		BORING LOG NO. J-1						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: N. Wilshire Dr.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
0.9	10" asphalt										
2.5	FILL, silty clay, with sand & gravel, trace topsoil, brown-gray with black, hard										
7.5	SILTY CLAY, with sand & gravel, brown, hard to very stiff (CL)										
12.5	SILTY CLAY, trace sand & gravel, brown-gray, soft (CL)										
15.0	SILTY CLAY, trace sand & gravel, brown, very stiff (CL)										
End Of Boring					15						
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-10-24	FINISHED	10-10-24	
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C		
WL	▼		DRILLER				JR	ASS'T DRILLER			
WL	▼	Cave-in @ 13.0'	ENG/GEOL.				AM / AAM	APPROVED	AMM		

AGI Job No. 24-353		BORING LOG NO. J-3						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: N. Wilshire Dr.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
0.1	11" asphalt	0.1			11	1	SS	89	13	4.5	
2.5	SILTY CLAY, possible fill, with sand & gravel, brown-gray, hard (CL)	2.5			10	2	SS	67	17	3.0	
	SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)				10	3	SS	17	16	3.0	
8.5	Note: thin sample recovered @ 8.5 to 10.0'	8.5			12	4	SS	56	15		
	SILTY CLAY, trace sand & gravel, gray, hard (CL)				13	5	SS	100	17	4.5	
15.0	End Of Boring	15.0			12	6	SS	100	10	4.5	

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-22-24	FINISHED	10-22-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	VR
WL	▼ Cave-in @ 13.0'				ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. J-4						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: N. Wilshire Dr.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
0.1	11" asphalt	11.0			16	1	SS	89	14	4.5	
2.5	SILTY CLAY, possible fill, with sand, trace gravel, dark brown-dark gray, hard (CL)	13.0			13	2	SS	100	20	2.5	
5.0	SILTY CLAY, trace sand & gravel, brown, very stiff (CL)	18.0			18	3	SS	100	19	4.0	
8.5	SILTY CLAY, trace sand & gravel, brown-gray, hard (CL)	10.0			18	4	SS	100	15	4.5	
15.0	SILTY CLAY, trace sand & gravel, gray with traces of brown, very stiff (CL)	11.0			23	5	SS	100	20	3.8	
	End Of Boring	15.0			11	6	SS	100	19	2.0	

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900	STARTED	10-22-24	FINISHED	10-22-24
WL	▽ Dry		DRILL CO.	AGI	DRILL RIG	45-C
WL	▼		DRILLER	JR	ASS'T DRILLER	VR
WL	▼ Cave-in @ 13.0'		ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. J-5						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: N. Wilshire St.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
0.9	10" asphalt										
	SILTY CLAY, possible fill, with sand & gravel, trace crushed stone, dark brown- dark gray, hard to very stiff (CL)										
5.0					16	1	SS	100	15	4.5	
	SILTY CLAY, trace sand & gravel, brown, hard (CL)				12	2	SS	100	22	3.3	
7.5					11	3	SS	100	21	4.5	
	SILTY CLAY, trace sand & gravel, brown-gray, hard to very stiff (CL)				16	4	SS	100	20	4.5	
13.5					15	5	SS	100	20	3.5	
15.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				10	6	SS	100	18	3.0	
	End Of Boring				15						

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900	STARTED	10-22-24	FINISHED	10-22-24
WL	▽ Dry		DRILL CO.	AGI	DRILL RIG	45-C
WL	▼		DRILLER	JR	ASS'T DRILLER	VR
WL	▼ Cave-in @ 13.0'		ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. J-6						Sheet 1 of 1		
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization						
STATION AND OFFSET: N. Wilshire Dr.				LOCATION: Various Streets						
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS	
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %
0.7	8" asphalt									
2.5	FILL, silty clay, with sand & gravel, dark brown-dark gray, hard					16	1	SS	100	18
5.0	SILTY CLAY, trace sand & gravel, brown, hard (CL)					12	2	SS	100	20
8.5	SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)					12	3	SS	100	21
15.0	SILTY CLAY, trace sand & gravel, gray, hard to very stiff (CL)					14	4	SS	100	18
						12	5	SS	100	20
						9	6	SS	100	20
	End Of Boring				15					
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-22-24	FINISHED	10-22-24
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C	
WL	▼		DRILLER				JR	ASS'T DRILLER	VR	
WL	▼	Cave-in @ 12.0'	ENG/GEOL.				AM / AAM	APPROVED	AMM	

AGI Job No. 24-353		BORING LOG NO. J-7						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: N. Wilshire Dr.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	9" asphalt over 3" crushed stone										
2.5	SILTY CLAY, trace sand & gravel, brown, hard (CL)										
8.5	SILTY CLAY, trace sand & gravel, gray with traces of brown, very stiff to hard (CL)										
9.5	SILTY CLAY, trace sand & gravel, gray, hard (CL)										
Note: boring terminated early due to spoon refusal @ 9.5'											
End Of Boring											

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-10-24	FINISHED	10-10-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	
WL	▼ Cave-in @ 8.0'				ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. J-8						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: N. Wilshire Dr.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	8" asphalt over 4" crushed stone										
	SILTY CLAY, trace sand & gravel, brown, hard (CL)										
6.0	SILTY CLAY, trace sand & gravel, gray, very stiff to hard (CL)										
10.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)										
15.0	End Of Boring										

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-22-24	FINISHED	10-22-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	VR
WL	▼ Cave-in @ 12.0'				ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. K-1						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: Chelmsford Pl.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	5" asphalt over 7" crushed stone										
2.5	SILTY CLAY, thin sample recovered, trace sand & gravel, brown										
5.0	SILTY CLAY, trace sand & gravel, brown, hard (CL)										
8.5	SILTY CLAY, trace sand & gravel, brown-gray, hard to very stiff (CL)										
15.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)										
End Of Boring											

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	11-6-24	FINISHED	11-6-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	VR
WL	▼ Open				ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. K-2						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: Chelmsford Pl.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
0.9	5" asphalt over 5" crushed stone										
2.5	FILL, silty clay, with sand, gravel & topsoil, dark brown with black, hard										
7.5	SILTY CLAY, trace sand & gravel, dark brown to brown, hard (CL)										
11.0	SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)										
15.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)										
End Of Boring					15						

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	11-6-24	FINISHED	11-6-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	
WL	▼ Cave-in @ 13.0'				ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. K-4						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: Chelmsford Pl.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	5.5" asphalt over 6.5" crushed stone										
2.5	FILL, silty clay, with sand & gravel, trace topsoil, brown-gray with black, very hard										
5	SILTY CLAY, trace sand & gravel, brown, very hard to hard (CL)										
10.0											
10	SILTY CLAY, trace sand & gravel, brown-gray, hard (CL)										
13.5											
15.0	SILTY CLAY, trace sand & gravel, gray, hard (CL)										
	End Of Boring										
WATER LEVEL OBSERVATIONS				Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	11-6-24	FINISHED	11-6-24	
WL	▽	Dry	DRILL CO.				AGI	DRILL RIG	45-C		
WL	▼		DRILLER				JR	ASS'T DRILLER	VR		
WL	▼	Cave-in @ 13.0'	ENG/GEOL.				AM / AAM	APPROVED	AMM		

AGI Job No. 24-353		BORING LOG NO. M-1						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: Nogales St.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	7" asphalt over 5" crushed stone										
	SILTY CLAY, trace sand & gravel, brown, hard to very stiff (CL)										
5.0											
	SILTY CLAY, trace sand & gravel, brown, hard (CL)										
7.5											
	SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)										
10.0											
	SILTY CLAY, with sand, trace gravel, gray, very stiff (CL)										
15.0											
	End Of Boring										

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-21-24	FINISHED	10-21-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	
WL	▼ Cave-in @ 13.0'				ENG/GEOL.	AM / AMM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. M-3						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: Nogales St.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	5" asphalt over 7" sand & gravel										
2.5	FILL, silty clay, with sand & gravel, brown-gray, hard										
5.0	FILL, silty clay, with sand & gravel, brown, stiff (CL)										
7.5	SILTY CLAY, trace sand & gravel, dark brown, very stiff (CL)										
11.0	SILTY CLAY, trace sand & gravel, brown-gray, hard (CL)										
15.0	SILTY CLAY, trace sand & gravel, gray, hard (CL)										
End Of Boring					15						

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-21-24	FINISHED	10-21-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	
WL	▼ Cave-in @ 13.0'				ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. M-4						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: Nogales St.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	5" asphalt over 7" brown sandy clay with gravel				12	1	SS	89	23		4.5
5.0	FILL, silty clay, with sand & gravel, trace topsoil, brown-dark brown with black, hard Note: no recovery @ 3.5 to 5.0', sample collected from auger cuttings				11	2	SS		23		
7.5	SILTY CLAY, trace sand & gravel, brown, medium stiff (CL)				4	3	SS	100	26		0.8
11.0	SILTY CLAY, trace sand & gravel, brown-gray, very hard (CL)				22	4	SS	100	18		4.5
15.0	SILTY CLAY, trace sand & gravel, gray, very stiff (CL)				14	5	SS	100	17		3.0
	End Of Boring				14	6	SS	67	19		3.8
					15						

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-16-24	FINISHED	10-16-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	
WL	▼ Cave-in @ 13.0'				ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. M-5						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: Nogales St.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	8" asphalt over 4" brown sandy clay with gravel				10	1	SS	33	15		
2.5	Thin sampled recovered @ 2.5'				7	2	SS	67	15	0.5	
	FILL, silty clay, with sand, trace gravel, brown-dark brown, soft				5					3.5	
5.0	SILTY CLAY, trace sand & gravel, brown-gray, very stiff (CL)				10	3	SS	89	23		
8.5	SILTY CLAY, trace sand & gravel, gray, hard to very stiff (CL)				15	4	SS	100	18	4.0	
12.5	SILTY CLAY, trace sand & gravel, gray, hard (CL)				14	5	SS	100	18	3.5	
15.0	End Of Boring				21	6	SS	100	17	4.3	

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-16-24	FINISHED	10-16-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	
WL	▼ Cave-in @ 13.0'				ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. N-1						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: W. Wilshire Dr.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
1.0	6.5" asphalt over 5.5" crushed stone										
	SILTY CLAY, trace sand & gravel, brown, hard (CL)				15	1	SS	89	16	4.5	
5.0					16	2	SS	100	13	4.5	
	SILTY CLAY, trace sand & gravel, brown-gray, hard (CL)				12	3	SS	100	20	4.0	
8.5					17	4	SS	100	17	4.5	
	SILTY CLAY, trace sand & gravel, gray, hard to very stiff (CL)				15	5	SS	100	17	3.5	
15.0					14	6	SS	89	18	3.5	
	End Of Boring				15						

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-24-24	FINISHED	10-24-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	VR
WL	▼ Cave-in @ 13.0'				ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. N-2						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: W. Wilshire Dr.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
9" asphalt over 9" crushed stone	1.5				12	1	SS	67	17	4.5	
SILTY CLAY, trace sand & gravel, brown, hard to very stiff (CL)					18	2	SS	89	16	4.0	
	7.5				18	3	SS	89	21	3.8	
SILTY CLAY, trace sand & gravel, brown-gray, hard (CL)					16	4	SS	89	17	4.5	
SILTY CLAY, trace sand & gravel, gray, very stiff (CL)	11.0				9	5	SS	89	18	2.0	
	15.0				11	6	SS	100	19	2.5	
End Of Boring					15						

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-24-24	FINISHED	10-24-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	VR
WL	▼ Cave-in @ 13.0'				ENG/GEOL.	AM / AAM	APPROVED	AMM

AGI Job No. 24-353		BORING LOG NO. N-3						Sheet 1 of 1			
CLIENT: Village of Hoffman Estates				PROJECT: 2025 Street Revitalization							
STATION AND OFFSET: W. Wilshire Dr.				LOCATION: Various Streets							
COUNTY: Cook County	CITY & STATE: Hoffman Estates, Illinois	SURFACE ELEVATION	Datum:	GRAPHIC LOG	DEPTH (FT.)	SAMPLES			TESTS		
						SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	DRY DENSITY PCF
9" asphalt over 6" crushed stone	1.5				12	1	SS	89	18	4.5	
SILTY CLAY, trace sand & gravel, brown, hard to very stiff (CL)					16	2	SS	100	17	4.5	
	7.5				7	3	SS	89	24	2.0	
SANDY SILT, with clay, trace gravel, brown-gray, moist, medium dense (SM)					11	4	SS	89			
	13.5				12	5	SS	89	15		
SILTY CLAY, with sand, trace gravel, gray, very stiff (CL)	15.0				11	6	SS	100	19	2.5	
End Of Boring					15						

WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc. 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900			STARTED	10-24-24	FINISHED	10-24-24
WL	▽ Dry				DRILL CO.	AGI	DRILL RIG	45-C
WL	▼				DRILLER	JR	ASS'T DRILLER	VR
WL	▼ Cave-in @ 12.0'				ENG/GEOL.	AM / AAM	APPROVED	AMM



Strength, Qu, tsf "Cohesive Soil"

< 0.25	Very Soft
0.25 - 0.49	Soft
0.50 - 0.99	Medium Stiff
1.00 - 1.99	Stiff
2.00 - 3.99	Very Stiff
4.00 - 8.00	Hard
> 8.00	Very Hard

Failure Type

S	Shear	B	Bulge
P	Calibrated Penetrometer		

Drilling & Sampling Symbols

R	: Auger Refusal
SS	: Split Spoon - 1 3/8 I.D, 2" O.D.
PA	: Power Auger
HA	: Hand Auger
DB	: Diamond Bit - NX, BX, AX
ST	: Shelby Tube
WS	: Wash Sample

Water Level Measurement Symbols

WL	: Water Level
WD	: While Drilling
AD	: After Drilling
WS	: While Sampling

Relative Proportions of Sand & Gravel

Descriptive Term (s) (of Components Also Present in Sample)	Percent of Dry Weight
Trace	< 15
With	15 - 29
Modifier	> 30

Particle - Size Limits

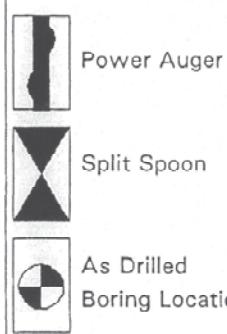
Sand	2.00 - 0.075 mm
Silt	0.075 - 0.002 mm
Clay finer than	0.002 mm

IDOT Abbreviations

C - Clay
Si - Silt
L - Loam
SiC - SiltyClay
SiCL - SiltyClayLoam
SaC - SandyClay
SaCL - SandyClayLoam
SiL - SiltyLoam
SaL - SandyLoam
CL - ClayLoam
G - Gravel
Gr - Gravelly (Prefix)

Descriptive Term Of Components Also Present In Sample

Percent Of Dry Weight
Trace
Little
Some
And



N-Blows Per ft. "Granular Soil"

0 - 3	Very Loose
4 - 9	Loose
10 - 29	Medium Dense
30 - 49	Dense
50 - 80	Very Dense
80 +	Extremely Dense

Standard "N" Penetration: Blows per foot of a 140 pound hammer falling 30 inches on a 2 inch OD split spoon.

RIMAC: Machine is used to performing unconfined compressive test on cohesive soil (Field or Lab Testing).

Descriptive Rock Classification

Rock Quality Designation

RQD %	Rock Quality
0.0 - 0.25	Very Poor
0.25 - 0.50	Poor
0.50 - 0.75	Fair
0.75 - 0.90	Good
0.90 - 1.00	Excellent

Classification of rock materials has estimated from disturbed samples.

Relative Proportions of Fines

Descriptive Term (s) (of Components Also Present in Sample)

Percent of Dry Weight

Trace	< 5
With	5 - 12
Modifier	> 12

Soil Plasticity %

LL : Liquid Limit PL : Plastic Limits
PI : Plasticity Index NP : Non Plastic
LL - PL = PI

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		CLEAN SANDS (LITTLE OR NO FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50			ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
				MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50			CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
		HIGHLY ORGANIC SOILS		PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

Note: Dual symbols are used to indicate borderline soil classifications



Applied GeoScience, Inc.

Geotechnical, Environmental & Materials Engineering

ATTACHMENT B

Soil Boring Locations

2025 Village of Hoffman Estates Street Revitalization Project - Borings

Diagram



Diagram



Diagram



Diagram



Diagram



Diagram



Diagram



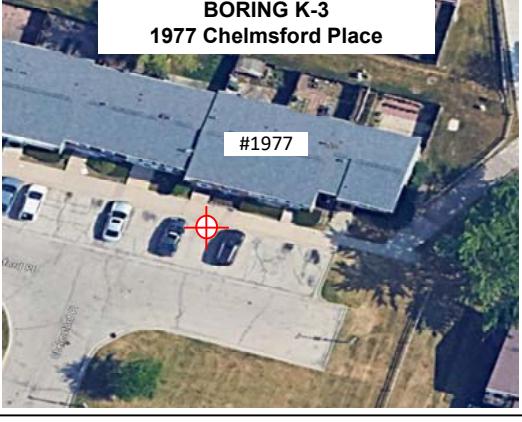
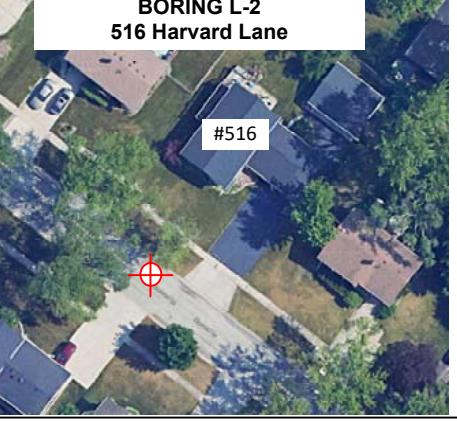
Diagram



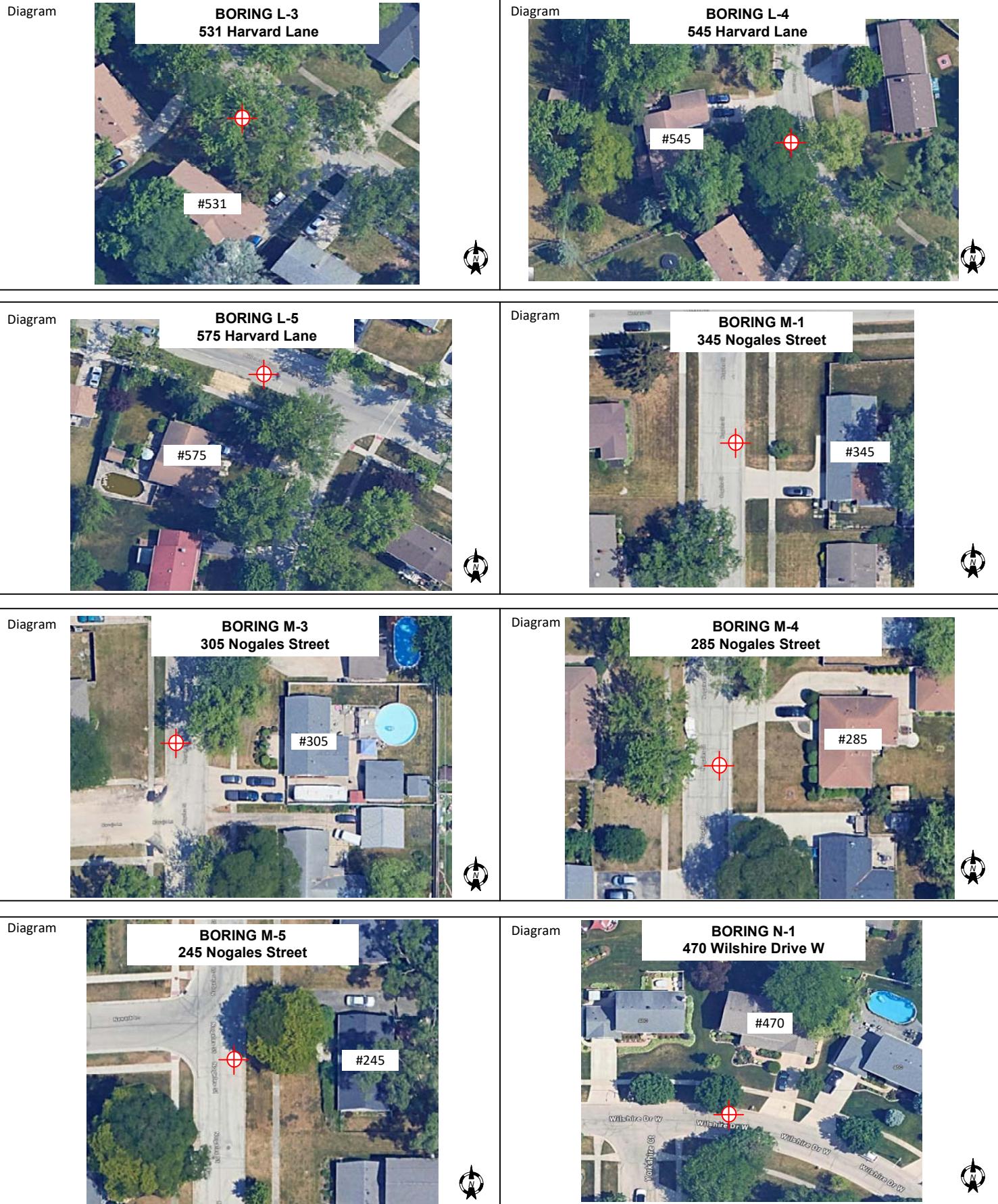
2025 Village of Hoffman Estates Street Revitalization Project - Borings

Diagram	 <p>BORING G-5 3976 Whispering Trails Drive #3976</p>	Diagram	 <p>BORING G-6 3990 Whispering Trails Drive #3990</p>
Diagram	 <p>BORING J-1 3540 Wilshire Drive N #3540</p>	Diagram	 <p>BORING J-2 3524 Wilshire Drive N #3524</p>
Diagram	 <p>BORING J-3 3508 Wilshire Drive N #3508</p>	Diagram	 <p>BORING J-4 3493 Wilshire Drive N #3493</p>
Diagram	 <p>BORING J-5 3476 Wilshire Drive N #3476</p>	Diagram	 <p>BORING J-6 3467 Wilshire Drive N #3467</p>

2025 Village of Hoffman Estates Street Revitalization Project - Borings

Diagram	 <p>BORING J-7 3452 Wilshire Drive N</p>	Diagram	 <p>BORING J-8 3405 Wilshire Drive N</p>
Diagram	 <p>BORING K-1 1954 Chelmsford Place</p>	Diagram	 <p>BORING K-2 1965 Chelmsford Place</p>
Diagram	 <p>BORING K-3 1977 Chelmsford Place</p>	Diagram	 <p>BORING K-4 1978 Chelmsford Place</p>
Diagram	 <p>BORING L-1 505 Harvard Lane</p>	Diagram	 <p>BORING L-2 516 Harvard Lane</p>

2025 Village of Hoffman Estates Street Revitalization Project - Borings



2025 Village of Hoffman Estates Street Revitalization Project - Borings

Diagram



Cook County Prevailing Wage Rates posted on 1/15/2026

					Overtime											
Trade Title	Rg	Type	C	Base	Foreman	M-F	Sa	Su	Hol	H/W	Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
ASBESTOS ABT-GEN	All	ALL		51.40	52.40	1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00
ASBESTOS ABT-MEC	All	BLD		42.02	45.38	1.5	1.5	2.0	2.0	16.44	16.64	0.00	0.92		3.37	6.73
BOILERMAKER	All	BLD		58.91	64.21	2.0	2.0	2.0	2.0	7.07	27.02	0.00	3.69	2.31	0.00	39.30
BRICK MASON	All	BLD		53.06	58.37	1.5	1.5	2.0	2.0	12.95	26.26	0.00	1.57	0.00	4.23	8.45
CARPENTER	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
CEMENT MASON	All	ALL		53.10	55.10	2.0	1.5	2.0	2.0	18.43	24.00	0.00	1.25		2.50	5.00
CERAMIC TILE FINISHER	All	BLD		49.09	49.09	1.5	1.5	2.0	2.0	13.25	17.61	0.00	1.37	0.00	5.57	11.14
CERAMIC TILE LAYER	All	BLD		57.04	62.04	1.5	1.5	2.0	2.0	13.25	21.60	0.00	1.50	0.00	7.63	15.26
COMMUNICATION ELECTRICIAN	All	BLD		51.14	56.25	1.5	1.5	2.0	2.0	16.70	14.48	1.40	1.27	0.10	0.00	0.00
CONCRETE SPECIALIST	All	BLD		51.81	58.21	1.5	1.5	2.0	2.0	12.95	27.56	0.00	1.57	0.00	4.88	9.75
CONCRETE SPECIALIST WELDER	All	BLD		54.40	58.21	1.5	1.5	2.0	2.0	12.95	27.56	0.00	1.57	0.00	4.88	9.75
ELECTRIC PWR EQMT OP	All	ALL		64.58	70.87	1.5	1.5	2.0	2.0	12.99	22.45	0.00	3.66	0.00	0.00	0.00
ELECTRIC PWR GRNDMAN	All	ALL		50.37	70.87	1.5	1.5	2.0	2.0	10.13	17.51	0.00	2.85	0.00	0.00	0.00
ELECTRIC PWR LINEMAN	All	ALL		64.58	70.87	1.5	1.5	2.0	2.0	12.99	22.45	0.00	3.66	0.00	0.00	0.00
ELECTRICIAN	All	ALL		57.75	63.53	1.5	1.5	2.0	2.0	19.34	21.13	1.60	1.87	0.30	0.00	0.00
ELEVATOR CONSTRUCTOR	All	BLD		70.68	79.52	2.0	2.0	2.0	2.0	16.28	21.36	5.65	0.80		0.00	0.00
FENCE ERECTOR	All	ALL		52.25	54.75	1.5	1.5	2.0	2.0	14.29	19.02	0.00	1.00	0.00	0.00	0.00
GLAZIER	All	BLD		53.55	55.05	1.5	2.0	2.0	2.0	16.04	26.64	0.00	2.30	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		56.02	59.38	1.5	1.5	2.0	2.0	16.44	19.88	0.00	0.92		4.99	9.97
IRON WORKER	All	ALL		62.46	65.96	2.0	2.0	2.0	2.0	19.05	27.04	0.00	0.49	0.00	0.00	0.00
LABORER	All	ALL		51.40	52.15	1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00
LATHER	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
MACHINIST	All	BLD		60.39	64.39	1.5	1.5	2.0	2.0	11.43	9.95	1.85	1.47	0.00	0.00	0.00
MARBLE FINISHER	All	ALL		40.21	54.60	1.5	1.5	2.0	2.0	12.95	23.81	0.00	0.98	0.00	3.00	6.00
MARBLE SETTER	All	BLD		52.00	57.20	1.5	1.5	2.0	2.0	12.95	25.57	0.00	1.25	0.00	3.88	7.76
MATERIAL TESTER I	All	ALL		41.40		1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00

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MATERIALS TESTER II	All	ALL		46.40		1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00
MILLWRIGHT	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
OPERATING ENGINEER	All	BLD	1	64.80	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	2	63.50	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	3	60.95	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	4	59.20	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	5	68.55	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	6	65.80	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	7	67.80	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	1	73.95	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	2	72.45	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	3	67.95	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	4	63.45	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	5	75.45	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	6	63.45	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	1	63.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	2	62.45	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	3	60.40	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	4	59.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	5	57.80	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	6	66.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	7	64.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
ORNAMENTAL IRON WORKER	All	ALL		59.26	62.76	2.0	2.0	2.0	2.0	14.86	27.70	0.00	2.25	0.00	0.00	0.00
PAINTER	All	ALL		54.30	61.09	1.5	1.5	1.5	2.0	16.26	17.59	0.00	1.86	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		48.16	54.11	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIVER	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
PIPEFITTER	All	BLD		58.50	61.50	1.5	1.5	2.0	2.0	15.15	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		51.10	54.17	1.5	1.5	2.0	2.0	18.43	22.10	0.00	1.25	0.00	0.00	0.00
PLUMBER	All	BLD		60.50	64.15	1.5	1.5	2.0	2.0	19.10	17.94	0.00	1.98		0.00	0.00

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ROOFER	All	BLD		52.00	57.00	1.5	1.5	2.0	2.0	12.80	18.19	0.00	1.14	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		54.58	58.95	1.5	1.5	2.0	2.0	15.88	28.92	0.00	1.20	0.00	0.00	0.00
SIGN HANGER	All	BLD		37.62	40.63	1.5	1.5	2.0	2.0	7.85	4.90	0.00	0.00	0.00	0.00	0.00
SPRINKLER FITTER	All	BLD		63.20	65.95	1.5	1.5	2.0	2.0	15.45	19.95	0.00	1.15	0.00	0.00	0.00
STEEL ERECTOR	All	ALL		62.46	65.96	2.0	2.0	2.0	2.0	19.05	27.04	0.00	0.49	0.00	0.00	0.00
STONE MASON	All	BLD		53.06	58.37	1.5	1.5	2.0	2.0	12.95	26.26	0.00	1.57	0.00	4.23	8.45
SURVEY WORKER	All	BLD		58.45	59.45	1.5	1.5	2.0	2.0	19.10	14.40	0.00	1.59		0.00	0.00
SURVEY WORKER	All	HWY		58.45	59.45	1.5	1.5	2.0	2.0	19.10	14.40	0.00	1.59		0.00	0.00
TERRAZZO FINISHER	All	BLD		51.44	51.44	1.5	1.5	2.0	2.0	13.25	18.87	0.00	1.41	0.00	4.45	8.89
TERRAZZO MECHANIC	All	BLD		55.35	58.85	1.5	1.5	2.0	2.0	13.25	20.26	0.00	1.46	0.00	4.70	9.39
TRAFFIC SAFETY WORKER I	All	HWY		43.40	45.40	1.5	1.5	2.0	2.0	10.08	10.08	0.00	1.05	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	ALL	HWY		44.40	46.40	1.5	1.5	2.0	2.0	10.08	10.08	0.00	1.05	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	1	45.55	46.20	1.5	1.5	2.0	2.0	13.35	16.09	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	2	45.80	46.20	1.5	1.5	2.0	2.0	13.35	16.09	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	3	46.00	46.20	1.5	1.5	2.0	2.0	13.35	16.09	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	4	46.20	46.20	1.5	1.5	2.0	2.0	13.35	16.09	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	1	44.83	45.38	1.5	1.5	2.0	2.0	12.20	16.61	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	2	44.98	45.38	1.5	1.5	2.0	2.0	12.20	16.61	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	3	45.18	45.38	1.5	1.5	2.0	2.0	12.20	16.61	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	4	45.38	45.38	1.5	1.5	2.0	2.0	12.20	16.61	0.00	0.30	0.00	0.00	0.00
TUCKPOINTER	All	BLD		52.53	53.53	1.5	1.5	2.0	2.0	11.05	23.16	0.00	1.46	0.00	0.00	0.00

Legend

Rg Region

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

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

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H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations COOK COUNTY

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

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

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

CERAMIC TILE FINISHER

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

COMMUNICATIONS ELECTRICIAN

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Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

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

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

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

OPERATING ENGINEER - BUILDING

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

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Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

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

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

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

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

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

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S

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Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

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

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

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

Class 6. Field Mechanics and Field Welders

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

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

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Class 6. ROV Pilot, ROV Tender

SURVEY WORKER

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking.

SURVEY FOREMAN

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking; oversees survey crew operations; and/or coordinates work of survey crews.

TERRAZZO FINISHER

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

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

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

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

Class 3. Five axle trucks; Dump Carts and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump

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Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

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

Other Classifications of Work:

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

LANDSCAPING

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

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

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

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MINIMUM WAGES

All employees of the contractors and subcontractors on construction work for this project shall be paid wages at rates no less than those prevailing on similar construction in the locality as determined by the Secretary of Labor in accordance with the Davis-Bacon Act, as amended (40 U.S.C. 276a-276a-5), and shall receive overtime compensation in accordance with and subject to the provisions of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), and the contractors and subcontractors shall comply with all regulations issued pursuant to these Acts and with other applicable Federal laws and regulations pertaining to labor standards. The Secretary of Labor has, with respect to the labor standards specified in this Section, the 1950 (5 U.S.C. 133z-15) and Section 2 of the Act of June 13, 1934, as amended (40 U.S.C. 276c). Contractor and subcontractor shall abide by the Federal Labor Standards Provisions (HUD-4010) and the Copeland “Anti-kickback” Act. Title I of the Housing and Community Development Act of 1974 as amended (42 U.S.C. 5301 *et seq.*) shall be adhered to, including Section 109 of the Act, which requires that no person be subjected to discrimination on the grounds of race, color, national origin, religion, sex, disability, or age.

PREVAILING WAGE

“Bidder shall comply with the requirements of 820 ILCS 130/5, Certified payroll”

Certified payroll

(a) While participating on public works, the contractor and each subcontractor shall:

- (1) make and keep, for a period of not less than 3 years, records of all laborers, mechanics, and other workers employed by them on the project, the records shall include each worker’s name, address, telephone number when available, social security number, classification or classifications, the hourly wages paid in each pay period, the number of hours worked each day, and the starting and ending times of work each day; and
- (2) submit monthly, in person, by mail, or electronically a certified payroll to the public body in charge of the project. The certified payroll shall consist of a complete copy of the records identified in paragraph (1) of this subsection (a). The certified payroll shall be accompanied by a statement signed by the contractor or subcontractor which avers that: (i) such records are true and accurate; (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required by this Act; and (iii) the contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is an Class B misdemeanor. A general contractor is not prohibited from relying on the certification of a lower tier subcontractor, provided the general contractor does not knowingly rely upon a subcontractor’s false certification. Any contractor or subcontractor subject to this Act who fails to submit a certified payroll or knowingly files a false certified payroll is in violation of this Act and guilty of a Class B misdemeanor. The public body in charge of the project shall keep the records submitted in accordance with this paragraph (2) of subsection (a) for a period of not less than 3 years. The records submitted in accordance with this paragraph (2) of subsection (a) shall be considered public records, except an employee’s address, telephone number, and social security number, and made available in accordance with the Freedom of Information Act. The public body shall accept any reasonable submissions by the contractor that meet the requirements of this Section.

(b) Upon 2 business days' notice, the contractor and each subcontractor shall make available for inspection the records identified in paragraph (1) of subsection (a) of this Section to the public body in charge of the project, its officers and agents, and to the Director of Labor and his deputies and agents. Upon 2 business days' notice, the contractor and each subcontractor shall make such records available at all reasonable hours at a location within this State.

Maintaining All Records and Documents

Consultant agrees to maintain all records and documents for projects of the Village in compliance with the Freedom of Information Act, *5 ILCS 140/1 et seq.* In addition, Consultant shall produce records which are responsive to a request received by the Village under the Freedom of Information Act so that the Village may provide records to those requesting them within the time frames required. If additional time is necessary to compile records in response to a request, then Consultant shall so notify the Village and if possible, the Village shall request an extension so as to comply with the Act. In the event that the Village is found to have not complied with the Freedom of Information Act due to Consultant's failure to produce documents or otherwise appropriately respond to a request under the Act, then Consultant shall indemnify and hold the Village harmless, and pay all amounts determined to be due including but not limited to fines, costs, attorney's fees and penalties.

“Prevailing rates of wages are revised by the Illinois Department of Labor and are available on the Department’s official website.”

(820 ILCS 130/5) (from Ch. 48, par. 39s-5)

Sec. 5. Certified payroll.

(a) Any contractor and each subcontractor who participates in public works shall:

- (1) make and keep, for a period of not less than 3 years from the date of the last payment made before January 1, 2014 (the effective date of Public Act 98-328) and for a period of 5 years from the date of the last payment made on or after January 1, 2014 (the effective date of Public Act 98-328) on a contract or subcontract for public works, records of all laborers, mechanics, and other workers employed by them on the project; the records shall include (i) the worker's name, (ii) the worker's address, (iii) the worker's telephone number when available, (iv) the last 4 digits of the worker's social security number, (v) the worker's gender, (vi) the worker's race, (vii) the worker's ethnicity, (viii) veteran status, (ix) the worker's classification or classifications, (x) the worker's skill level, such as apprentice or journeyman, (xi) the worker's gross and net wages paid in each pay period, (xii) the worker's number of hours worked each day, (xiii) the worker's starting and ending times of work each day, (xiv) the worker's hourly wage rate, (xv) the worker's hourly overtime wage rate, (xvi) the worker's hourly fringe benefit rates, (xvii) the name and address of each fringe benefit fund, (xviii) the plan sponsor of each fringe benefit, if applicable, and (xix) the plan administrator of each fringe benefit, if applicable; and
- (2) no later than the 15th day of each calendar month file a certified payroll for the immediately preceding month with the public body in charge of the project until the Department of Labor activates the database created under Section 5.1 at which time certified payroll shall only be submitted to that database, except for projects done by State agencies that opt to have contractors submit certified payrolls directly to that State agency. A State agency that opts to directly receive certified payrolls must submit the required information in a specified electronic format to the Department of Labor no later than 10 days after the certified payroll was filed with the State agency. A certified payroll must be filed for only those calendar months during which construction on a public works project has occurred. The certified payroll shall consist of a complete copy of the records identified in paragraph (1) of this subsection (a), but may exclude the starting and ending times of work each day. The certified payroll shall be accompanied by a statement signed by the contractor or subcontractor or an officer, employee, or agent of the contractor or subcontractor which avers that: (i) he or she has examined the certified payroll records required to be submitted by the Act and such records are true and accurate; (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required by this Act; and (iii) the contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class A misdemeanor. A general contractor is not prohibited from relying on the certification of a lower tier subcontractor, provided the general contractor does not knowingly rely upon a subcontractor's false certification. Any contractor or subcontractor subject to this Act and any officer, employee, or agent of such contractor or subcontractor whose duty as such officer, employee, or agent it is to file such certified payroll who willfully fails to file such a certified payroll on or before the date such certified payroll is required by this paragraph to be filed and any person who willfully files a false certified payroll that is false as to any material fact is in violation of this Act and guilty of a Class A

misdemeanor. The public body in charge of the project shall keep the records submitted in accordance with this paragraph (2) of subsection (a) before January 1, 2014 (the effective date of Public Act 98-328) for a period of not less than 3 years, and the records submitted in accordance with this paragraph (2) of subsection (a) on or after January 1, 2014 (the effective date of Public Act 98-328) for a period of 5 years, from the date of the last payment for work on a contract or subcontract for public works or until the Department of Labor activates the database created under Section 5.1, whichever is less. After the activation of the database created under Section 5.1, the Department of Labor rather than the public body in charge of the project shall keep the records and maintain the database. The records submitted in accordance with this paragraph (2) of subsection (a) shall be considered public records, except an employee's address, telephone number, social security number, race, ethnicity, and gender, and made available in accordance with the Freedom of Information Act. The public body shall accept any reasonable submissions by the contractor that meet the requirements of this Section.

A contractor, subcontractor, or public body may retain records required under this Section in paper or electronic format.

- (b) Upon 7 business days' notice, the contractor and each subcontractor shall make available for inspection and copying at a location within this State during reasonable hours, the records identified in paragraph (1) of subsection (a) of this Section to the public body in charge of the project, its officers and agents, the Director of Labor and his deputies and agents, and to federal, State, or local law enforcement agencies and prosecutors.
- (c) A contractor or subcontractor who remits contributions to fringe benefit funds that are jointly maintained and jointly governed by one or more employers and one or more labor organizations in accordance with the federal Labor Management Relations Act shall make and keep certified payroll records that include the information required under items (i) through (viii) of paragraph (1) of subsection (a) only. However, the information required under items (ix) through (xv) of paragraph (1) of subsection (a) shall be required for any contractor or subcontractor who remits contributions to a fringe benefit fund that is not jointly maintained and jointly governed by one or more employers and one or more labor organizations in accordance with the federal Labor Management Relations Act.

(Source: P.A. 100-1177, eff. 6-1-19; 101-31, eff. 6-28-19.)

A. APPLICABILITY

The Project or Program to which the construction work covered by this Contract pertains is being assisted by the United States of America, and the following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

1. Minimum wages and fringe benefits

i. All laborers and mechanics employed or working upon the site of the work (or otherwise working in construction or development of the project under a development statute), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of basic hourly wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. As provided in 29 CFR 5.5(d) and (e), the appropriate wage determinations are effective by operation of law even if they have not been attached to the contract. Contributions made or costs reasonably anticipated for bona fide fringe benefits under the Davis-Bacon Act (40 U.S.C. 3141(2)(B)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(v) of these contract clauses; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification(s) of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided*, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classifications and wage rates conformed under 29 CFR 5.5(a)(1)(iii)) and the Davis-Bacon poster (WH-1321) must be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

ii. Frequently recurring classifications

A. In addition to wage and fringe benefit rates that have been determined to be prevailing under the procedures set forth in 29 CFR part 1, a wage determination may contain, pursuant to § 1.3(f), wage and fringe benefit rates for classifications of laborers and mechanics for which conformance requests are regularly submitted pursuant to 29 CFR 5.5(a)(1)(iii), provided that:

1. The work performed by the classification is not performed by a classification in the wage determination for which a prevailing wage rate has been determined;
2. The classification is used in the area by the construction industry; and
3. The wage rate for the classification bears a reasonable relationship to the prevailing wage rates contained in the wage determination.

B. The Administrator will establish wage rates for such classifications in accordance with 29 CFR 5.5(a)(1)(iii)(A)(3). Work performed in such a classification must be paid at no less than the wage and fringe benefit rate listed on the wage determination for such classification.

iii. Conformance

A. The contracting officer must require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract be

classified in conformance with the wage determination. Conformance of an additional classification and wage rate and fringe benefits is appropriate only when the following criteria have been met:

1. The work to be performed by the classification requested is not performed by a classification in the wage determination; and
2. The classification is used in the area by the construction industry; and
3. The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

B. The conformance process may not be used to split, subdivide, or otherwise avoid application of classifications listed in the wage determination.

C. If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken will be sent by the contracting officer by email to DBAconformance@dol.gov. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

D. In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer will, by email to DBAconformance@dol.gov, refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

E. The contracting officer must promptly notify the contractor of the action taken by the Wage and Hour Division under 29 CFR 5.5 (a)(1)(iii)(C) and (D). The contractor must furnish a written copy of such determination to each affected worker or it must be posted as a part of the wage determination. The wage rate (including fringe benefits where appropriate) determined pursuant to 29 CFR 5.5 (a)(1)(iii)(C) or (D) must be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

iv. **Fringe benefits not expressed as an hourly rate**

Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor may either pay the benefit as stated in the wage determination or may pay another bona fide fringe benefit or an hourly cash equivalent thereof.

v. **Unfunded plans**

If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided, That the Secretary of Labor has found, upon the written request of the contractor, in accordance with the criteria set forth in 29 CFR 5.28, that the applicable standards of the Davis-Bacon Act have been met.* The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

vi. **Interest** In the event of a failure to pay all or part of the wages required by the contract, the contractor will be required to pay interest on any underpayment of wages.

2. Withholding

i. Withholding requirements

The U. S. Department of Housing and Urban Development may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for the full amount of wages and monetary relief, including interest, required by the clauses set forth in 29 CFR 5.5(a) for violations of this contract, or to satisfy any such liabilities required by any other Federal contract, or federally assisted contract subject to Davis-Bacon labor standards, that is held by the same prime contractor (as defined in 29 CFR 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to Davis-Bacon labor standards requirements and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld. In the event of a contractor's failure to pay any laborer or mechanic, including any apprentice or helper working on the site of the work (or otherwise working in construction or development of the project under a development statute) all or part of the wages required by the contract, or upon the contractor's failure to submit the required records as discussed in 29 CFR 5.5(a)(3)(iv), HUD may on its own initiative and after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

ii. Priority to withheld funds

The Department has priority to funds withheld or to be withheld in accordance with 29 CFR 5.5(a)(2)(i) or (b)(3)(i), or both, over claims to those funds by:

- A. A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;
- B. A contracting agency for its reprocurement costs;
- C. A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;
- D. A contractor's assignee(s);
- E. A contractor's successor(s); or
- F. A claim asserted under the Prompt Payment Act, 31 U.S.C. 3901-3907.

3. Records and certified payrolls

i. Basic record requirements

- A. **Length of record retention.** All regular payrolls and other basic records must be maintained by the contractor and any subcontractor during the course of the work and preserved for all laborers and mechanics working at the site of the work (or otherwise working in construction or development of the project under a development statute) for a period of at least 3 years after all the work on the prime contract is completed.
- B. **Information required** Such records must contain the name; Social Security number; last known address, telephone number, and email address of each such worker; each worker's correct classification(s) of work actually performed; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in 40 U.S.C. 3141(2)(B) of the Davis-Bacon Act); daily and weekly number of hours actually worked in total and on each covered contract; deductions made; and actual wages paid.
- C. **Additional records relating to fringe benefits.** Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(v) that the wages of any laborer or mechanic include the amount of any

costs reasonably anticipated in providing benefits under a plan or program described in 40 U.S.C. 3141(2)(B) of the Davis-Bacon Act, the contractor must maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits.

D. Additional records relating to apprenticeship Contractors with apprentices working under approved programs must maintain written evidence of the registration of apprenticeship programs, the registration of the apprentices, and the ratios and wage rates prescribed in the applicable programs.

ii. Certified payroll requirements

A. Frequency and method of submission The contractor or subcontractor must submit weekly, for each week in which any DBA- or Related Acts-covered work is performed, certified payrolls to HUD if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the certified payrolls to the applicant, sponsor, owner, or other entity, as the case may be, that maintains such records, for transmission to HUD. The prime contractor is responsible for the submission of all certified payrolls by all subcontractors. A contracting agency or prime contractor may permit or require contractors to submit certified payrolls through an electronic system, as long as the electronic system requires a legally valid electronic signature; the system allows the contractor, the contracting agency, and the Department of Labor to access the certified payrolls upon request for at least 3 years after the work on the prime contract has been completed; and the contracting agency or prime contractor permits other methods of submission in situations where the contractor is unable or limited in its ability to use or access the electronic system

B. Information required The certified payrolls submitted must set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i)(B), except that full Social Security numbers and last known addresses, telephone numbers, and email addresses must not be included on weekly transmittals. Instead, the certified payrolls need only include an individually identifying number for each worker (e.g., the last four digits of the worker's Social Security number). The required weekly certified payroll information may be submitted using Optional Form WH-347 or in any other format desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <https://www.dol.gov/sites/dolgov/files/WHD/legacy/files/wh347.pdf> or its successor website. It is not a violation of this section for a prime contractor to require a subcontractor to provide full Social Security numbers and last known addresses, telephone numbers, and email addresses to the prime contractor for its own records, without weekly submission by the subcontractor to the sponsoring government agency (or the applicant, sponsor, owner, or other entity, as the case may be, that maintains such records).

C. Statement of Compliance Each certified payroll submitted must be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor, or the contractor's or subcontractor's agent who pays or supervises the payment of the persons working on the contract, and must certify the following:

1. That the certified payroll for the payroll period contains the information required to be provided under 29 CFR 5.5(a)(3)(ii), the appropriate information and basic records are being maintained under 29 CFR 5.5 (a)(3)(i), and such information and records are correct and complete;
2. That each laborer or mechanic (including each helper and apprentice) working on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly

from the full wages earned, other than permissible deductions as set forth in 29 CFR part 3; and

- 3. That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification(s) of work actually performed, as specified in the applicable wage determination incorporated into the contract.
- D. **Use of Optional Form WH-347** The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 will satisfy the requirement for submission of the “Statement of Compliance” required by 29 CFR 5.5(a)(3)(ii)(C).
- E. **Signature** The signature by the contractor, subcontractor, or the contractor’s or subcontractor’s agent must be an original handwritten signature or a legally valid electronic signature.
- F. **Falsification** The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under 18 U.S.C. 1001 and 31 U.S.C. 3729.
- G. **Length of certified payroll retention** The contractor or subcontractor must preserve all certified payrolls during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

iii. **Contracts, subcontracts, and related documents** The contractor or subcontractor must maintain this contract or subcontract and related documents including, without limitation, bids, proposals, amendments, modifications, and extensions. The contractor or subcontractor must preserve these contracts, subcontracts, and related documents during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

iv **Required disclosures and access**

- A. **Required record disclosures and access to workers** The contractor or subcontractor must make the records required under 29 CFR 5.5(a)(3)(i)–(iii), and any other documents that HUD or the Department of Labor deems necessary to determine compliance with the labor standards provisions of any of the applicable statutes referenced by 29 CFR 5.1, available for inspection, copying, or transcription by authorized representatives of HUD or the Department of Labor, and must permit such representatives to interview workers during working hours on the job.
- B. **Sanctions for non-compliance with records and worker access requirements** If the contractor or subcontractor fails to submit the required records or to make them available, or refuses to permit worker interviews during working hours on the job, the Federal agency may, after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, that maintains such records or that employs such workers, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available, or to permit worker interviews during working hours on the job, may be grounds for debarment action pursuant to 29 CFR 5.12. In addition, any contractor or other person that fails to submit the required records or make those records available to WHD within the time WHD requests that the records be produced will be precluded from introducing as evidence in an administrative proceeding under 29 CFR part 6 any of the required records that were not provided or made available to WHD. WHD will take into consideration a reasonable request from the contractor or person for an extension of the time for submission of records. WHD will determine the reasonableness of the request and may consider, among other things, the location of the records and the volume of production.
- C. **Required information disclosures** Contractors and subcontractors must maintain the full Social Security number and last known address, telephone number, and email address of each covered worker, and must provide them upon request to HUD if the agency is a party to

the contract, or to the Wage and Hour Division of the Department of Labor. If the Federal agency is not such a party to the contract, the contractor, subcontractor, or both, must, upon request, provide the full Social Security number and last known address, telephone number, and email address of each covered worker to the applicant, sponsor, owner, or other entity, as the case may be, that maintains such records, for transmission to HUD, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or other compliance action.

4. Apprentices and equal employment opportunity

i. Apprentices

- A. Rate of pay** Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship (OA), or with a State Apprenticeship Agency recognized by the OA. A person who is not individually registered in the program, but who has been certified by the OA or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice, will be permitted to work at less than the predetermined rate for the work they perform in the first 90 days of probationary employment as an apprentice in such a program. In the event the OA or a State Apprenticeship Agency recognized by the OA withdraws approval of an apprenticeship program, the contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.
- B. Fringe benefits** Apprentices must be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringe benefits must be paid in accordance with that determination.
- C. Apprenticeship ratio** The allowable ratio of apprentices to journeyworkers on the job site in any craft classification must not be greater than the ratio permitted to the contractor as to the entire work force under the registered program or the ratio applicable to the locality of the project pursuant to 29 CFR 5.5(a)(4)(i)(D). Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in 29 CFR 5.5(a)(4)(i)(A), must be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under this section must be paid not less than the applicable wage rate on the wage determination for the work actually performed.
- D. Reciprocity of ratios and wage rates** Where a contractor is performing construction on a project in a locality other than the locality in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyworker's hourly rate) applicable within the locality in which the construction is being performed must be observed. If there is no applicable ratio or wage rate for the locality of the project, the ratio and wage rate specified in the contractor's registered program must be observed.

- ii Equal employment opportunity** The use of apprentices and journeyworkers under this part must be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

5 Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6 Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (11), along with the applicable wage determination(s) and such other clauses or contract modifications as the U.S. Department of Housing and Urban Development may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses and wage determination(s) in any lower tier subcontracts. The prime contractor is responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this section. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and may be subject to debarment, as appropriate.

7 Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8 Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9 Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

- i. By entering into this contract, the contractor certifies that neither it nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of 40 U.S.C. 3144(b) or 29 CFR 5.12(a).
- ii. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of 40 U.S.C. 3144(b) or 29 CFR 5.12(a).
- iii. The penalty for making false statements is prescribed in the U.S. Code, Title 18 Crimes and Criminal Procedure, 18 U.S.C. 1001.

11 Anti-retaliation It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

- i. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the DBA, Related Acts, or 29 CFR parts 1, 3, or 5;
- ii. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under the DBA, Related Acts, or 29 CFR parts 1, 3, or 5;
- iii. Cooperating in any investigation or other compliance action, or testifying in any proceeding under the DBA, Related Acts, or 29 CFR parts 1, 3, or 5; or
- iv. Informing any other person about their rights under the DBA, Related Acts, or 29 CFR parts 1, 3, or 5.

B. Contract Work Hours and Safety Standards Act (CWHSSA)

The Agency Head must cause or require the contracting officer to insert the following clauses set forth in 29 CFR 5.5(b)(1), (2), (3), (4), and (5) in full, or (for contracts covered by the Federal Acquisition Regulation) by reference, in any contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses must

be inserted in addition to the clauses required by 29 CFR 5.5(a) or 4.6. As used in this paragraph, the terms "laborers and mechanics" include watchpersons and guards.

1. **Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
2. **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in 29 CFR 5.5(b)(1) the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages and interest from the date of the underpayment. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchpersons and guards, employed in violation of the clause set forth in 29 CFR 5.5(b)(1), in the sum of \$31 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in 29 CFR 5.5(b)(1).
3. **Withholding for unpaid wages and liquidated damages**
 - i. **Withholding process** The U.S Department of Housing and Urban Development or the recipient of Federal assistance may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in 29 CFR 5.5(b) on this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act that is held by the same prime contractor (as defined in 29 CFR 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.
 - ii. **Priority to withheld funds** The Department has priority to funds withheld or to be withheld in accordance with 29 CFR 5.5(a)(2)(i) or (b)(3)(i), or both, over claims to those funds by:
 - A. A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;
 - B. A contracting agency for its reprocurement costs;
 - C. A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;
 - D. A contractor's assignee(s);
 - E. A contractor's successor(s); or
 - F. A claim asserted under the Prompt Payment Act, 31 U.S.C. 3901-3907.

4. **Subcontracts.** The contractor or subcontractor must insert in any subcontracts the clauses set forth in 29 CFR 5.5(b)(1) through (5) and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor is responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in 29 CFR 5.5(b)(1) through (5). In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss,

due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

- 5 **Anti-retaliation** It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:
 - i. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act (CWHSSA) or its implementing regulations in 29 CFR part 5;
 - ii. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under CWHSSA or 29 CFR part 5;
 - iii. Cooperating in any investigation or other compliance action, or testifying in any proceeding under CWHSSA or 29 CFR part 5; or
 - iv. Informing any other person about their rights under CWHSSA or 29 CFR part 5.
- C. **CWHSSA required records clause** In addition to the clauses contained in 29 CFR 5.5(b), in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other laws referenced by 29 CFR 5.1, the Agency Head must cause or require the contracting officer to insert a clause requiring that the contractor or subcontractor must maintain regular payrolls and other basic records during the course of the work and must preserve them for a period of 3 years after all the work on the prime contract is completed for all laborers and mechanics, including guards and watchpersons, working on the contract. Such records must contain the name; last known address, telephone number, and email address; and social security number of each such worker; each worker's correct classification(s) of work actually performed; hourly rates of wages paid; daily and weekly number of hours actually worked; deductions made and actual wages paid. Further, the Agency Head must cause or require the contracting officer to insert in any such contract a clause providing that the records to be maintained under this paragraph must be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview workers during working hours on the job.
- D. **Incorporation of contract clauses and wage determinations by reference** Although agencies are required to insert the contract clauses set forth in this section, along with appropriate wage determinations, in full into covered contracts, and contractors and subcontractors are required to insert them in any lower-tier subcontracts, the incorporation by reference of the required contract clauses and appropriate wage determinations will be given the same force and effect as if they were inserted in full text.
- E. **Incorporation by operation of law** The contract clauses set forth in this section (or their equivalent under the Federal Acquisition Regulation), along with the correct wage determinations, will be considered to be a part of every prime contract required by the applicable statutes referenced by 29 CFR 5.1 to include such clauses, and will be effective by operation of law, whether or not they are included or incorporated by reference into such contract, unless the Administrator grants a variance, tolerance, or exemption from the application of this paragraph. Where the clauses and applicable wage determinations are effective by operation of law under this paragraph, the prime contractor must be compensated for any resulting increase in wages in accordance with applicable law.

F. HEALTH AND SAFETY

The provisions of this paragraph (F) are applicable where the amount of the prime contract exceeds **\$100,000**.

1. No laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his or her health and safety, as determined under construction safety and health standards promulgated by the Secretary of Labor by regulation.
2. The contractor shall comply with all regulations issued by the Secretary of Labor pursuant to 29 CFR Part 1926 and failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act, (Public Law 91-54, 83 Stat 96), 40 U.S.C. § 3701 et seq.
3. The contractor shall include the provisions of this paragraph in every subcontract, so that such provisions will be binding on each subcontractor. The contractor shall take such action with respect to any subcontractor as the Secretary of Housing and Urban Development or the Secretary of Labor shall direct as a means of enforcing such provisions.

EMPLOYEE RIGHTS UNDER THE DAVIS-BACON ACT

FOR LABORERS AND MECHANICS EMPLOYED ON FEDERAL OR FEDERALLY ASSISTED CONSTRUCTION PROJECTS

PREVAILING WAGES

You must be paid not less than the wage rate listed in the Davis-Bacon Wage Decision posted with this Notice for the work you perform.

OVERTIME

You must be paid not less than one and one-half times your basic rate of pay for all hours worked over 40 in a work week. There are few exceptions.

ENFORCEMENT

Contract payments can be withheld to ensure workers receive wages and overtime pay due, and liquidated damages may apply if overtime pay requirements are not met. Davis-Bacon contract clauses allow contract termination and debarment of contractors from future federal contracts for up to three years. A contractor who falsifies certified payroll records or induces wage kickbacks may be subject to civil or criminal prosecution, fines and/or imprisonment.

APPRENTICES

Apprentice rates apply only to apprentices properly registered under approved Federal or State apprenticeship programs.

PROPER PAY

If you do not receive proper pay, or require further information on the applicable wages, contact the Contracting Officer listed below:

Michael Walker
michael.walker@vohe.org
847-781-2669

or contact the U.S. Department of Labor's Wage and Hour Division.



WAGE AND HOUR DIVISION
UNITED STATES DEPARTMENT OF LABOR

1-866-487-9243
TTY: 1-877-889-5627
www.dol.gov/whd



"General Decision Number: IL20250009 12/12/2025

Superseded General Decision Number: IL20240009

State: Illinois

Construction Types: Building, Heavy, Highway and Residential

County: Cook County in Illinois.

BUILDING, RESIDENTIAL, HEAVY, AND HIGHWAY PROJECTS (does not include landscape projects).

Modification Number	Publication Date
0	01/03/2025
1	01/10/2025
2	03/07/2025
3	05/23/2025
4	06/13/2025
5	07/04/2025
6	07/11/2025
7	07/18/2025
8	08/01/2025
9	08/22/2025
10	09/19/2025
11	10/03/2025
12	11/21/2025
13	12/12/2025

ASBE0017-001 06/01/2024

Rates	Fringes
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ASBESTOS WORKER/INSULATOR

Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems.....\$ 55.02	35.75
Fire Stop Technician.....\$ 44.02	32.76

HAZARDOUS MATERIAL HANDLER

includes preparation, wetting, stripping removal scrapping, vacuuming, bagging and disposal of all insulation materials, whether they contain asbestos or not, from mechanical systems.....\$ 41.27	32.76
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BOIL0001-001 05/01/2024

Rates	Fringes
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BOILERMAKER.....\$ 53.10	9.5%+33.50
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BRIL0021-001 06/01/2016

Rates	Fringes
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BRICKLAYER.....\$ 44.88	26.62
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BRIL0021-004 06/01/2017

Rates	Fringes
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Marble Mason.....	\$ 44.63	26.83
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BRIL0021-006 06/01/2017

Rates	Fringes
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TERRAZZO WORKER/SETTER.....	\$ 44.38	25.84
TILE FINISHER.....	\$ 38.56	22.10
TILE SETTER.....	\$ 45.49	25.72

BRIL0021-009 06/01/2017

Rates	Fringes
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MARBLE FINISHER.....	\$ 33.95	26.03
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BRIL0021-012 06/01/2017

Rates	Fringes
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Pointer, cleaner and caulk.....	\$ 45.42	24.06
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CARP0555-001 06/01/2022

BUILDING, HEAVY, AND HIGHWAY

Rates	Fringes
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CARPENTER

Carpenter, Lather, Millwright, Piledriver, and Soft Floor Layer		
Building.....	\$ 52.01	38.85
Heavy & Highway.....	\$ 52.01	38.85

CARP0555-002 10/01/2023

RESIDENTIAL CONSTRUCTION

Rates	Fringes
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CARPENTER.....	\$ 45.61	35.31
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ELEC0009-003 05/26/2024

Rates	Fringes
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Line Construction		
Groundman.....	\$ 48.44	60.05%
Lineman and Equipment Operator.....	\$ 62.10	60.05%

ELEC0134-001 06/02/2025

Rates	Fringes
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ELECTRICIAN.....	\$ 57.75	42.89
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ELEC0134-003 06/02/2025

Rates	Fringes
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ELECTRICIAN

ELECTRICAL TECHNICIAN.....\$ 51.14	30.55
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The work shall consist of the installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment and residential purposes, including but not limited to communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit.

ELEV0002-001 01/01/2025

Rates	Fringes
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ELEVATOR MECHANIC.....\$ 70.68	38.435+a+b
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FOOTNOTES:

a) PAID HOLIDAYS: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Day after Thanksgiving Day; Veterans' Day and Christmas Day.

b) Employer contributes 8% of regular hourly rate as vacation pay credit for employee with more than 5 years of service, and 6% for employee with less than 5 years service

* ENGI0150-006 06/01/2025

Building and Residential Construction

Rates	Fringes
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OPERATOR: Power Equipment

GROUP 1.....\$ 64.80	51.00
GROUP 2.....\$ 63.50	51.00
GROUP 3.....\$ 60.95	51.00
GROUP 4.....\$ 59.20	51.00

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Mechanic; Asphalt Plant*; Asphalt Spreader; Autograde*; Backhoes with Caisson attachment*:Batch Plant*; Benoto(Requires two Engineers); Boiler and Throttle Valve; Caisson Rigs*; Central Redi-Mix Plant*; Combination Backhoe Front Endloader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted)*; Concrete Conveyor; Concrete Conveyor, Truck Mounted; Concrete Paver over 27E cu. ft.*; Concrete Paver 27E cu ft and Under*; Concrete Placer*; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes*; Cranes, Hammerhead*;

Cranes, (GCI and similar type Requires two operators only); Creter Crane; Crusher, Stone, etc; Derricks; Derricks, Traveling*; Formless Curb and Gutter Machine*; Grader, Elevating; Grouting Machines; Highlift Shovels or Front Endloader 2 1/4 yd. and over; Hoists, Elevators, Outside Type Rack and pinion and similar Machines; Hoists, One, Two, and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes*; Hydraulic Boom Trucks; Hydraulic Vac (and similar equipment); Locomotives; Motor Patrol*; Pile Drivers and Skid Rig*; Post Hole Digger; Pre- Stress Machine; Pump Cretes Dual Ram(Requiring frequent Lubrication and Water); Pump Cretes; Squeeze Cretes-Screw Type Pumps Gypsum Bulker and Pump; Raised and Blind Hole Drill*; Roto Mill Grinder (36"" and Over)*; Roto Mill Grinder (Less Than 36"")*; Scoops-Tractor Drawn; Slip-Form Paver*; Straddle Buggies; Tournapull; Tractor with Boom, and Side Boom; and Trenching Machines*.

GROUP 2: Bobcat (over 3/4 cu yd); Boilers; Broom, Power Propelled; Bulldozers; Concrete Mixer (Two Bag and over); Conveyor, Portable; Forklift Trucks; Greaser Engineer; Highlift Shovels or Front End loaders under 2 1/4 cu yd; Automatic Hoists, Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted)*; Rollers; Steam Generators; Tractors; Tractor Drawn Vibratory Roller (Receives an additional \$.50 per hour); Winch Trucks with ""A"" Frame.

GROUP 3: Air Compressor-Small 250 and Under (1 to 5 not to exceed a total of 300 ft); Air Compressor-Large over 250; Combination-Small Equipment Operator; Generator- Small 50 kw and under; Generator-Large over 50 kw; Heaters, Mechanical; Hoists, Inside Elevators (Remodeling or Renovatin work); Hydrualic Power Units (Pile Driving, Extracting, and Drilling); Low Boys; Pumps Over 3"" (1 To 3 not to exceed a total of 300 ft); Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches; Bobcat (up to and including 3/4 cu yd)

GROUP 4 - Bobcats and/or other Skid Steer Loaders; Brick Forklifts; Oilers

*-Requires Oiler

* ENGI0150-025 06/01/2025

Heavy and Highway Construction

Rates Fringes

OPERATOR: Power Equipment

GROUP 1.....	\$ 63.00	51.00
GROUP 2.....	\$ 62.45	51.00
GROUP 3.....	\$ 60.40	51.00
GROUP 4.....	\$ 59.00	51.00
GROUP 5.....	\$ 57.80	51.00

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Asphalt Plant*; Asphalt Heater and Planer combination; Asphalt Heater Scarfire*, Asphalt Spreader; Autograder/ GOMACO or similar; ABG Paver*, Backhoes with Caisson attachment*, Ballast Regulator, Belt Loader*;

Caisson Rigs*Car Dumper, Central Redi-Mix Plant*, Combination Backhoe; Front End Loader Machine (1 cu yd or over Backhoe bucket or with attachments); Concrete Breaker (truck mounted); Concrete Conveyor; Concrete Paver over 27E cu ft*; Concrete Placer*; Concrete Tube Float; Cranes, all attachments*; Cranes, Hammerhead, Linden, Peco and machines of a like nature*; Creter Crane; Crusher, stone; All Derricks; Derrick Boats; Derricks, traveling*; Dowell Machine with Air Compressor (\$1.00 above Class 1); Dredges*; Field Mechanic Welder; Formless Curb and Gutter Machine*; Gradall and machines of a like nature*; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver mounted*; Hoists, one, two, and three Drum; Hydraulic Backhoes*; Backhoes with Shear attachments*; Mucking Machine; Pile Drivers and Skid Rig*; Pre-Stress Machine; Pump Cretes Dual Ram (requires frequent lubrication and water)*; Rock Drill- Crawler or Skid Rig*; Rock Drill truck mounted*; Rock/ Track Tamper; Roto Mill Grinder, (36"" and over)*; Slip-Form Paver*; Soil Test Drill Rig, truck mounted*; Straddle Buggies; Hydraulic Telescoping Form (tunnel); Tractor Drawn Belt Loader*; Tractor Drawn Belt Loader with attached Pusher (two engineers); Tractor with boom; Tractaire with attachment; Traffic Barrier Transfer Machine*; Trenching Machine; Truck Mounted Concrete Pump with boom*; Underground Boring and/or Mining Machines 5 ft in diameter and over tunnel, etc.*; Wheel Excavator* & Widener (Apsco); Raised or Blind Hoe Drill, Tunnel & Shaft*

GROUP 2: Batch Plant*; Bituminous Mixer; Boiler and Throttle Valve; Bulldozer; Car Loader Trailing Conveyors; Combination Backhoe Front End Loader Machine, (less than 1 cu yd Backhoe Bucket with attachments); Compressor and Throttle Valve; Compressor, common receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S series to and including 27 cu ft; Concrete Spreader; Concrete Curing Machine; Burlap Machine; Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or similar type); Drills (all); Finishing Machine-Concrete; Greaser Engineer; Highlift Shovels or Front End Loader; Hoist- Sewer Dragging Machine; Hydraulic Boom Trucks, all attachments; Hydro-Blaster (requires two operators); Laser Screed*; Locomotives, Dinky; Off-Road Hauling Units (including articulating); Pump Cretes; Squeeze Cretes-Screw Type pumps, Gypsum Bulker and Pump; Roller Asphalt; Rotary Snow Plows; Rototiller, Seaman, self-Propelled; Scoops-Tractor Drawn; Self- propelled Compactor; Spreader-Chip-Stone; Scraper; Scraper-Prime Mover in Tandem regardless of size (add \$1.00 to Group 2 hourly rate for each hour and for each machine attached thereto add \$1.00 to Group 2 hourly rate for each hour); Tank Car Heater; Tractors, Push, pulling Sheeps Foot, Disc, or Compactor, etc; Tug Boats

GROUP 3: Boilers; Brooms, all power propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer, two bag and over; Conveyor, Portable; Farm type Tractors used for mowing, seeding, etc; Fireman on Boilers; Forklift Trucks; Grouting Machines; Hoists, Automatic; Hoists, all Elevators; Hoists, Tugger single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-hole Digger; Power Saw, Concrete, Power Driven; Pug Mills; Rollers, other than asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with A-Frame; Work Boats; Tamper-Form motor driven

GROUP 4: Air compressor - Small 250 and under (1 to 5 not to exceed a total of 300 ft); Air Compressor - Large over 250; Combination - Small Equipment Operator; Directional Boring Machine; Generators - Small 50 kw and under; Generators - Large , over 50 kw; Heaters, Mechanical; Hydraulic power unit (Pile Driving, Extracting or Drilling); Light Plants (1 to 5); Pumps, over 3"" (1 to 3, not to exceed a total of 300 ft); Pumps, Well Points; Tractaire; Welding Machines (2 through 5); Winches, 4 small electric drill winches;

GROUP 5: Bobcats (All); Brick Forklifts; Oilers; Directional Boring

*Requires Oiler

IRON0001-026 06/01/2025

Rates Fringes

TRONWORKER

Sheeter.....\$ 62.71 46.58
Structural and Reinforcing..\$ 62.46 46.58

IRON0063-001 06/01/2025

IRONWORKER, ORNAMENTAL.....\$ 59.26 44.81

IRON0063-002 06/01/2025

Rates Fringes

IRONWORKER

Fence Erector.....\$ 52.25 34.31

IRON0136-001 07/01/2025

Rates Fringes

IRONWORKER

Machinery Movers; Riggers;		
Machinery Erectors.....	\$ 54.25	47.38
Master Riggers.....	\$ 56.75	47.38

LAB00002-006 06/01/2025

Rates Fringes

**LABORER (BUILDING &
RESIDENTIAL)**

GROUP 1.....	\$ 51.40	36.94
GROUP 2.....	\$ 51.40	36.94
GROUP 3.....	\$ 51.48	36.94
GROUP 4.....	\$ 51.50	36.94
GROUP 5.....	\$ 51.55	36.94
GROUP 6.....	\$ 51.60	36.94
GROUP 7.....	\$ 51.63	36.94
GROUP 8.....	\$ 51.73	36.94
GROUP 9.....	\$ 51.75	36.94
GROUP 10.....	\$ 51.85	36.94
GROUP 11.....	\$ 51.68	36.94
GROUP 12.....	\$ 52.40	36.94

LABORER CLASSIFICATIONS

GROUP 1: Building Laborers; Plasterer Tenders; Pumps for Dewatering; and other unclassified laborers.

GROUP 2: Fireproofing and Fire Shop laborers.

GROUP 3: Cement Gun.

GROUP 4: Chimney over 40 ft.; Scaffold Laborers.

GROUP 5: Cement Gun Nozzle Laborers (Gunite); Windlass and capstan person.

GROUP 6: Stone Derrickmen & Handlers.

GROUP 7: Jackhammermen; Power driven concrete saws; and other power tools.

GROUP 8: Firebrick & Boiler Laborers.

GROUP 9: Chimney on fire brick; Caisson diggers; & Well Point System men.

GROUP 10: Boiler Setter Plastic Laborers.

GROUP 11: Jackhammermen on fire brick work only.

GROUP 12: Dosimeter use (any device) monitoring nuclear exposure); Asbestos Abatement Laborer; Toxic and Hazardous Waste Removal Laborers.

LAB0002-007 06/01/2025

Rates	Fringes
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LABORER (HEAVY & HIGHWAY)

GROUP 1.....	\$ 51.40	36.94
GROUP 2.....	\$ 51.48	36.94
GROUP 3.....	\$ 51.55	36.94
GROUP 4.....	\$ 51.68	36.94
GROUP 5.....	\$ 51.40	36.94

LABORER CLASSIFICATIONS

GROUP 1: Common laborer; Tenders; Material expeditor (asphalt plant); Street paving, Grade separation, sidewalk, curb & gutter, strippers & All laborers not otherwise mentioned

GROUP 2: Asphalt tampers & smoothers; Cement gun laborers

GROUP 3: Cement Gun Nozzle (laborers), Gunite

GROUP 4: Rakers, Lutemen; Machine-Screwmen; Kettlemen; Mixermen; Drun-men; Jackhammermen (asphalt); Paintmen; Mitre box spreaders; Laborers on birch, overman and similar spreader equipment; Laborers on APSCO; Laborers on air compressor; Paving Form Setter; Jackhammermen (concrete); Power drive concrete saws; other power tools.

GROUP 5: Asbestos Abatement Laborers; Toxic and Hazardous Waste Removal Laborers, Dosimeter (any device) ²⁴⁷ monitoring

nuclear exposure

LAB00002-008 06/01/2025

Rates Fringes

LABORER (Compressed Air)

0 - 15 POUNDS.....	\$ 52.40	36.94
16 - 20 POUNDS.....	\$ 52.90	36.94
21 - 26 POUNDS.....	\$ 53.40	36.94
27 - 33 POUNDS.....	\$ 54.40	36.94
34 - AND OVER.....	\$ 55.40	36.94

LABORER (Tunnel and Sewer)

GROUP 1.....	\$ 51.40	36.94
GROUP 2.....	\$ 51.53	36.94
GROUP 3.....	\$ 51.63	36.94
GROUP 4.....	\$ 51.75	36.94
GROUP 5.....	\$ 51.40	36.94

LABORER CLASSIFICATIONS (TUNNEL)

GROUP 1: Cage tenders; Dumpmen; Flagmen; Signalmen; Top laborers

GROUP 2: Air hoist operator; Key board operator; concrete laborer; Grout; Lock tenders (Free Air Side); Steel setters; Tuggers; Switchmen; Car pusher

GROUP 3: Concrete repairmen; Lock tenders (pressure side); Mortar men; Muckers; Grout machine operators; Track layers

GROUP 4: Air trac drill operator; Miner; Bricklayer tenders; Concrete blower operator; Drillers; Dynamiters; Erector operator; Form men; Jackhammers; Powerpac; Mining machine operators; Mucking machine operator; Laser beam operator; Liner plate and ring setters; Shield drivers; Power knife operator; Welder- burners; Pipe jacking machine operator; skinners; Maintenance technician

GROUP 5: Asbestos abatement laborer; Toxic and hazardous waste removal laborer; Dosimeter (any device) monitoring nuclear exposure

LABORER CLASSIFICATIONS (SEWER)

GROUP 1: Signalmen; Top laborers and All other laborers

GROUP 2: Concrete laborers and Steel setters

GROUP 3: Cement carriers; Cement mixers; Concrete repairmen; Mortar men; Scaffold men; Second Bottom men

GROUP 4: Air trac drill operator; Bottom men; Bracers-bracing; Bricklayer tenders; Catch basin diggers; Drainlayers; dynamiters; Form men; Jackhammers; Powerpac; Pipelayers; Rodders; Welder-burners; Well point systems men

GROUP 5: Asbestos abatement laborer, Toxic and hazardous waste removal laborer; Dosimeter (any device) monitoring nuclear exposure

LAB00225-001 06/01/2025

Rates Fringes

LABORER (DEMOLITION/WRECKING)

GROUP 1.....	\$ 46.40	36.94
GROUP 2.....	\$ 51.40	36.94
GROUP 3.....	\$ 51.40	36.94

LABORER CLASSIFICATIONS

GROUP 1 - Complete Demolition

GROUP 2 - Interior Wrecking and Strip Out Work

GROUP 3 - Asbestos Work with Complete Demolition/Wrecking or Strip Out Work

PAIN0014-001 06/01/2024

Rates Fringes

PAINTER (including taper).....\$ 53.05 33.91

PAIN0027-001 06/01/2024

Rates Fringes

GLAZIER.....\$ 51.55 44.09

PLAS0005-002 07/01/2015

Rates Fringes

PLASTERER.....\$ 42.25 26.65

PLAS0502-001 06/01/2025

Rates Fringes

CEMENT MASON/CONCRETE FINISHER...\$ 53.10 43.80

PLUM0130-001 06/01/2025

Rates Fringes

PLUMBER.....\$ 60.50 39.02

PLUM0597-002 06/01/2023

Rates Fringes

PIPEFITTER.....\$ 55.00 38.62

ROOF0011-001 12/01/2024

Rates Fringes

ROOFER.....\$ 50.25 30.43

SFIL0281-001 07/01/2025

Rates Fringes

SPRINKLER FITTER.....\$ 63.25 36.50

SHEE0073-001 06/01/2022

	Rates	Fringes
Sheet Metal Worker.....	\$ 49.10	42.91

SHEE0073-002 06/08/2018

	Rates	Fringes
Sheet Metal Worker		
ALUMINUM GUTTER WORK.....	\$ 31.32	37.02

TEAM0731-001 06/01/2025

COOK COUNTY - HEAVY AND HIGHWAY

	Rates	Fringes
TRUCK DRIVER		
2 or 3 Axles.....	\$ 45.55	30.27
4 Axles.....	\$ 45.80	30.27
5 Axles.....	\$ 46.00	30.27
6 Axles.....	\$ 46.20	30.27

FOOTNOTES:

A. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

B. 900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

C. An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

Low-Boy is an additional \$1.50 per hour
 Health and Welfare: \$448.80 per week
 Pension: \$562.80 per week

TEAM0731-002 04/01/2025

	Rates	Fringes
Traffic Control Device Monitor		
TRAFFIC SAFETY WORKER:		
Primary duties include but are not limited to the delivery, maintenance and pick-up of traffic control devices, the set-up and installation of traffic signs, pavement markings, barricades, crash barrels and glare screens, traffic control surveillance, the repair and maintenance trucks, cars, arrow boards, message signs, barricade and sign fabrication equipment.....	\$ 43.40	22.71
		250

TEAM0786-001 06/01/2025

COOK COUNTY - BUILDING AND RESIDENTIAL

Rates Fringes

TRUCK DRIVER

2 & 3 Axles.....	\$ 53.95	0.30+a
4 Axles.....	\$ 54.21	0.30+a
5 Axles.....	\$ 54.43	0.30+a
6 Axles.....	\$ 54.64	0.30+a

FOOTNOTES:

a. An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

Low-Boy work classification is an additional \$1.50 per hour.

Health and Welfare: \$445.00 per week

Pension: \$408 per week.

B. 900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 per

hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this

classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
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Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION"

"General Decision Number: IL20250020 12/12/2025

Superseded General Decision Number: IL20240020

State: Illinois

Construction Types: Building Landscape, Heavy Landscape, Highway Landscape and Residential Landscape

Counties: Boone, Cook, De Kalb, Du Page, Grundy, Henry, Kane, Kankakee, Kendall, Lake, McHenry, McLean, Ogle, Peoria, Rock Island, Tazewell, Will, Winnebago and Woodford Counties in Illinois.

LANDSCAPING WORK ON BUILDING, RESIDENTIAL, HEAVY AND HIGHWAY CONSTRUCTION PROJECTS.

Modification Number	Publication Date
0	01/03/2025
1	03/14/2025
2	06/13/2025
3	06/20/2025
4	06/27/2025
5	07/18/2025
6	09/26/2025
7	10/03/2025
8	12/12/2025

ENGI0150-013 06/01/2024

BUILDING AND HIGHWAY CONSTRUCTION (LANDSCAPE WORK): The landscape work for the Landscape Equipment Operator excludes the preparation of sub-grade prior to application of finish landscape materials and the utilization of any equipment over one cubic yard.

BOONE, COOK, DUPAGE, GRUNDY, KANE, KENDALL, LAKE, MCHENRY, AND WILL COUNTIES

Rates	Fringes
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Operators:.....\$ 37.55 9.50+A+B
 Includes Angle Dozer, Small; Bobcat and other similar type machines, 1 cu yd or less; Chipping Machine; Combination Backhoe and Front End Loader 1 cu yd or less; Fork Lift Truck; Hi-Reach and High-Ranger; Hydraulic Boom with Clam; Log Skidder; Straw Blower and Seeder; Stump Machine; Tractors, Crawlers, Rubber Tire Tractors, Highlift Shovels or Front End Loaders 1 cu yd or less; Tree Spades, all; Utility Tractor and attachments, and Rubber Tire Front End loader or similar machine of 1 to 1.5 cu yd solely used for placement of large decorative boulders, trees with balled soil, and other decorative landscape material too large to be accommodated in a 1 cu yd bucket. All other equipment utilized for performing landscape work, tree trimming or removal of stees, and to install plants; transport trees; excavate plant pits; place soil and other landscape materials; and apply finish landscape material on subgrade prepared by others

FOOTNOTE:

A. Health and Welfare contribution is \$1,780.00 per month.

B. Paid Holidays: New Year's Day; Memorial Day; Fourth of July; Labor Day; Thanksgiving Day; and Christmas Day provided that all such employees shall have in fact worked their regularly scheduled work day immediately preceding and the regularly scheduled work day immediately succeeding the occurrence of such holiday.

ENGI0150-023 06/01/2024

HIGHWAY CONSTRUCTION (LANDSCAPE WORK): The landscape work for the Landscape Equipment Operator excludes the preparation of sub-grade prior to application of finish landscape materials and the utilization of any equipment over one cubic yard.

HENRY, MCLEAN, OGLE, PEORIA, ROCK ISLAND, TAZEWELL, WINNEBAGO, and WOODFORD COUNTIES

Rates	Fringes
Operators:.....\$ 37.55	9.50+A+B
Includes the following: Angle Dozer, Small; Bobcat and other similar type machines, 1 cu yd or less; Chipping Machine; Combination Backhoe and Front End Loader 1 cu yd or less; Fork Lift Truck; Hi-Reach and High-Ranger; Hydraulic Boom with Clam; Log Skidder; Straw Blower and Seeder; Stump Machine; Tractors, Crawlers, Rubber Tire Tractors, Highlift Shovels or Front End Loaders 1 cu yd or less; Tree Spades, all; Utility Tractor and attachments, and Rubber Tire Front End loader or similar machine of 1 to 1.5 cu yd solely used for placement of large decorative boulders, trees with balled soil, and other decorative landscape material too large to be accommodated in a 1 cu yd bucket. All other equipment utilized for performing landscape work, tree trimming or removal of stumps, and to install plants; transport trees; excavate plant pits; place soil and other landscape materials; and apply finish landscape material on subgrade prepared by others	

FOOTNOTE:

A. Health and Welfare contribution is \$1,780.00 per month.

B. Paid Holidays: New Year's Day; Memorial Day; Fourth of July; Labor Day; Thanksgiving Day; and Christmas Day provided that all such employees shall have in fact worked their regularly scheduled work day immediately preceding and the regularly scheduled work day immediately succeeding the occurrence of such holiday.

LAB00032-004 05/01/2025

HIGHWAY CONSTRUCTION

WINNEBAGO COUNTY

Rates	Fringes
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256

Landscape Laborer.....	\$ 47.04	36.31
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LAB00309-006 01/01/2024

HIGHWAY CONSTRUCTION

ROCK ISLAND COUNTY

Rates	Fringes
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Landscape Laborer.....	\$ 33.77	23.60
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LAB00362-003 05/01/2018

HIGHWAY CONSTRUCTION

MCLEAN COUNTY

Rates	Fringes
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Landscape Laborer.....	\$ 31.08	24.43
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LAB00538-011 05/01/2024

HIGHWAY CONSTRUCTION

HENRY COUNTY

Rates	Fringes
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Landscape Laborer.....	\$ 35.23	28.10
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LAB00751-004 05/01/2021

HIGHWAY CONSTRUCTION

KANKAKEE COUNTY

Rates	Fringes
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Landscape Laborer.....	\$ 39.44	32.54
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LAB00996-004 05/01/2018

HIGHWAY CONSTRUCTION

PEORIA, TAZEWELL, AND WOODFORD COUNTIES

Rates	Fringes
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Landscape Laborer.....	\$ 32.73	23.74
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TEAM0026-005 05/01/2025

MCLEAN (South of a straight line from where Route 24 intersects the Woodford County line in a Southeast direction to the South Southwest corner of Livingston County) COUNTY

Rates	Fringes
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TRUCK DRIVER

Group 1.....	\$ 45.29	25.42
Group 2.....	\$ 45.88	25.42

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Group 3.....	\$ 46.15	25.42
Group 4.....	\$ 46.54	25.42
Group 5.....	\$ 47.64	25.42

CLASSIFICATIONS:

GROUP 1: Drivers on 2 axles hauling less than 9 tons; air compressor & welding machines and brooms, including those pulled by separate units; Truck Driver Helper, warehouse employees; Mechanic Helpers; greasers and tiremen; pick-up trucks when hauling material, tools, or workers to and from and on the job site; and forklifts up to 6,000 lb capacity.

GROUP 2: 2 or 3 axles hauling more than 9 tons but hauling less than 16 tons; A-frame winch trucks; hydrolift trucks; Vactor Trucks or similar equipment when used for transportation purposes; Forklift over 6,000 lb.capacity; winch trucks; and four axle combination units.

GROUP 3: 2, 3 or 4 Axles hauling 16 tons or more; 5-Axles or more combination units; drivers on water pulls; articulated dump trucks; mechanics and working forepersons.

GROUP 4: Low Boy and Oil Distributors.

GROUP 5: Drivers who require special protective clothing while employed on hazardous waste work.

* TEAM0179-004 06/01/2025

GRUNDY, KENDALL, MCLEAN (North of a straight line starting at the intersection of McLean-Woodford Counties line & Route 24 in a Southeastern direction to the South Southwest corner of Livingston County), WILL, and WOODFORD (Northeast corner east of Route 51/251 & North of Route 24) COUNTIES

Rates	Fringes
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TRUCK DRIVER

2-3 AXLES.....	\$ 46.12	0.30+a
4 AXLES.....	\$ 46.27	0.30+a
5 AXLES.....	\$ 46.47	0.30+a
6 AXLES.....	\$ 46.67	0.30+a

FOOTNOTES:

- a. Health and Welfare \$448.80 per week; Pension \$562.80 per week
- b. Lowboy classification is an additional \$1.50 per hour
An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick Change Barrier; Self-Propelled Chip Spreader; Shipping and Receiving Clerks and Checkers; Skipman; Slurry Trucks,
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two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dispatcher; Dump Crets and Adgetators under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-Mix Plant Hopper Operator; Winch Trucks, 2 Axles

Group 3 - Dump Crets and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

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

* TEAM0179-008 06/01/2024

KANKAKEE COUNTY

Rates	Fringes
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TRUCK DRIVER

2 or 3 axles.....	\$ 44.82	0.25+a
4 axles.....	\$ 44.97	0.25+a
5 axles.....	\$ 45.17	0.25+a
6 axles.....	\$ 45.37	0.25+a

FOOTNOTES:

a. \$1055.60 per week.

Low-Boy work classification is an additional \$1.50 per hour

An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick Change Barrier; Self-Propelled Chip Spreader; Shipping and

Receiving Clerks and Checkers; Skipman; Slurry Trucks, two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dispatcher; Dump Crets and Adgetators under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-Mix Plant Hopper Operator; Winch Trucks, 2 Axles

Group 3 - Dump Crets and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

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

* TEAM0301-001 06/01/2024

LAKE AND MCHENRY COUNTIES

	Rates	Fringes
TRUCK DRIVER		
2-3 AXLES.....	\$ 44.54	13.40+a
4 AXLES.....	\$ 44.69	13.40+a
5 AXLES.....	\$ 44.89	13.40+a
6 AXLES.....	\$ 45.09	13.40+a

FOOTNOTES:

- a. \$500.00 per week pension.
- b. Lowboy is an additional \$1.50 per hour

An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled

by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick Change Barrier; Self-Propelled Chip Spreader; Shipping and Receiving Clerks and Checkers; Skipman; Slurry Trucks, two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dispatcher; Dump Carts and Adgetators under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-Mix Plant Hopper Operator; Winch Trucks, 2 Axles

Group 3 - Dump Carts and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

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

* TEAM0325-004 06/01/2025

BOONE and WINNEBAGO COUNTIES

	Rates	Fringes
TRUCK DRIVER		
2 - 3 Axles.....	\$ 48.47	26.70
4 Axles.....	\$ 48.62	26.70
5 Axles.....	\$ 48.82	26.70
6 Axles.....	\$ 48.93	26.70

FOOTNOTE: An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers

Pole Trailer, up to 40 feet; Power Mower Tractors; Skipman; Slurry Trucks, two-man operation; Teamsters; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dump Crets and Adgetators under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-Mix Plant Hopper Operator; Winch Trucks, 2 Axles

Group 3 - Dump Crets and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, one-man operation
Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long, additional \$0.50 per hour; Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more

*Mechanic*Truck Welder and Truck Painter; *Winter Rate: Between Dec. 15 and Feb. 28 the mechanic and welder rate shall be \$2.00 less than the scheduled scale. Truck Painter and Truck Welder classifications shall only apply in areas where and when it has been a past area practice;
Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories

Group 4 - Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front

* TEAM0330-004 06/01/2025

DEKALB and OGLE (North of Route 72/East of Route 251, Adeline, Byron, Creston, Dement, Forrester North of Route 72, Leaf River North of Route 72, Lynnville, Monroe, Rochelle, & Scott)
COUNTIES

Rates	Fringes
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TRUCK DRIVER

2-3 AXLES.....	\$ 44.83	0.30+a
4 AXLES.....	\$ 44.98	0.30+a
5 AXLES.....	\$ 45.18	0.30+a
6 AXLES.....	\$ 45.38	0.30+a

FOOTNOTE: a. Health and Welfare \$468.00 per week; Pension \$644.34 per week

Low Boy classification is an additional \$1.50 per hour

An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20

years - 4 weeks paid vacation.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick Change Barrier; Self-Propelled Chip Spreader; Shipping and Receiving Clerks and Checkers; Skipman; Slurry Trucks, two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dispatcher; Dump Carts and Adgetators under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-Mix Plant Hopper Operator; Winch Trucks, 2 Axles

Group 3 - Dump Carts and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

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

TEAM0371-004 05/01/2025

HENRY and ROCK ISLAND COUNTIES

Rates	Fringes
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TRUCK DRIVER

Group 1.....	\$ 45.35	25.72
Group 2.....	\$ 45.93	25.72
Group 3.....	\$ 46.25	25.72
Group 4.....	\$ 46.60	25.72
Group 5.....	\$ 47.71	25.72

CLASSIFICATIONS:

GROUP 1: Drivers on 2 axles hauling less than 9 tons; air compressor & welding machines and brooms, including those pulled by separate units; Truck Driver Helper, warehouse

employees; Mechanic Helpers; greasers and tiremen; pick-up trucks when hauling material, tools, or workers to and from and on the job site; and forklifts up to 6,000 lb capacity.

GROUP 2: 2 or 3 axles hauling more than 9 tons but hauling less than 16 tons; A-frame winch trucks; hydrolift trucks; Vactor Trucks or similar equipment when used for transportation purposes; Forklift over 6,000 lb.capacity; winch trucks; and four axle combination units.

GROUP 3: 2, 3 or 4 Axles hauling 16 tons or more; 5-Axles or more combination units; drivers on water pulls; articulated dump trucks; mechanics and working forepersons.

GROUP 4: Low Boy and Oil Distributors.

GROUP 5: Drivers who require special protective clothing while employed on hazardous waste work.

TEAM0627-004 05/01/2024

PEORIA, TAZEWELL, and WOODFORD COUNTIES

Rates	Fringes
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TRUCK DRIVER

Group 1.....	\$ 43.24	24.27
Group 2.....	\$ 43.83	24.27
Group 3.....	\$ 44.10	24.27
Group 4.....	\$ 44.49	24.27
Group 5.....	\$ 45.59	24.27

CLASSIFICATIONS:

GROUP 1: Drivers on 2 axles hauling less than 9 tons; air compressor & welding machines and brooms, including those pulled by separate units; Truck Driver Helper, warehouse employees; Mechanic Helpers; greasers and tiremen; pick-up trucks when hauling material, tools, or workers to and from and on the job site; and forklifts up to 6,000 lb capacity.

GROUP 2: 2 or 3 axles hauling more than 9 tons but hauling less than 16 tons; A-frame winch trucks; hydrolift trucks; Vactor Trucks or similar equipment when used for transportation purposes; Forklift over 6,000 lb.capacity; winch trucks; and four axle combination units.

GROUP 3: 2, 3 or 4 Axles hauling 16 tons or more; 5-Axles or more combination units; drivers on water pulls; articulated dump trucks; mechanics and working forepersons.

GROUP 4: Low Boy and Oil Distributors.

GROUP 5: Drivers who require special protective clothing while employed on hazardous waste work.

* TEAM0673-003 06/01/2025

DU PAGE and KANE COUNTIES

Rates	Fringes
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TRUCK DRIVER

264

2-3 AXLES.....	\$ 45.31	0.30+a
4 AXLES.....	\$ 45.46	0.30+a
5 AXLES.....	\$ 45.66	0.30+a
6 AXLES.....	\$ 45.86	0.30+a

FOOTNOTE: a.

An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

Low-Boy is an additional \$1.50 per hour
 Health and Welfare: \$453.20 per week
 Penson: \$589.90 per week

Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick Change Barrier; Self-Propelled Chip Spreader; Shipping and Receiving Clerks and Checkers; Skipman; Slurry Trucks, two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dispatcher; Dump Carts and Adgetators under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-Mix Plant Hopper Operator; Winch Trucks, 2 Axles

Group 3 - Dump Carts and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

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

TEAM0722-005 05/01/2025

OGLE (North of Route 72/East of Route 251) COUNTY

Rates Fringes

TRUCK DRIVER

Group 1.....	\$ 45.29	25.42
Group 2.....	\$ 45.88	25.42
Group 3.....	\$ 46.15	25.42
Group 4.....	\$ 46.54	25.42
Group 5.....	\$ 47.64	25.42

CLASSIFICATIONS:

GROUP 1: Drivers on 2 axles hauling less than 9 tons; air compressor & welding machines and brooms, including those pulled by separate units; Truck Driver Helper, warehouse employees; Mechanic Helpers; greasers and tiremen; pick-up trucks when hauling material, tools, or workers to and from and on the job site; and forklifts up to 6,000 lb capacity.

GROUP 2: 2 or 3 axles hauling more than 9 tons but hauling less than 16 tons; A-frame winch trucks; hydrolift trucks; Vactor Trucks or similar equipment when used for transportation purposes; Forklift over 6,000 lb.capacity; winch trucks; and four axle combination units.

GROUP 3: 2, 3 or 4 Axles hauling 16 tons or more; 5-Axles or more combination units; drivers on water pulls; articulated dump trucks; mechanics and working forepersons.

GROUP 4: Low Boy and Oil Distributors.

GROUP 5: Drivers who require special protective clothing while employed on hazardous waste work.

TEAM0731-001 06/01/2025

COOK COUNTY - HEAVY AND HIGHWAY

Rates Fringes

TRUCK DRIVER

2 or 3 Axles.....	\$ 45.55	30.27
4 Axles.....	\$ 45.80	30.27
5 Axles.....	\$ 46.00	30.27
6 Axles.....	\$ 46.20	30.27

FOOTNOTES:

A. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

B. 900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

C. An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

Low-Boy is an additional \$1.50 per hour
 Health and Welfare: \$448.80 per week
 Pension: \$562.80 per week

 TEAM0786-001 06/01/2025

COOK COUNTY - BUILDING AND RESIDENTIAL

Rates	Fringes
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TRUCK DRIVER

2 & 3 Axles.....	\$ 53.95	0.30+a
4 Axles.....	\$ 54.21	0.30+a
5 Axles.....	\$ 54.43	0.30+a
6 Axles.....	\$ 54.64	0.30+a

FOOTNOTES:

a. An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

Low-Boy work classification is an additional \$1.50 per hour.

Health and Welfare: \$445.00 per week
 Pension: \$408 per week.

B. 900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

 SUIL1993-001 01/19/1993

BUILDING CONSTRUCTION (LANDSCAPE WORK):

Rates	Fringes
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LABORER

BOONE, GRUNDY, KANE, KENDALL, LAKE, MCHENRY, & WILL COUNTIES		
LANDSCAPE LABORERS.....	\$ 7.25	
COOK COUNTY		
LANDSCAPE LABORERS.....	\$ 7.25	
LANDSCAPE PLANTSMAN.....	\$ 9.80	1.82
DE KALB COUNTY		
LANDSCAPE LABORERS.....	\$ 7.25	
LANDSCAPE OPERATORS.....	\$ 7.25	
LANDSCAPE PLANTSMAN.....	\$ 9.66	.26
DU PAGE COUNTY		
LANDSCAPE LABORERS.....	\$ 7.25	
LANDSCAPE PLANTSMAN.....	\$ 9.04	1.16
GRUNDY, LAKE & WILL COUNTIES		
LANDSCAPE DRIVER 2 & 3		
Axles.....	\$ 11.86	2.81
LANDSCAPE PLANTSMAN.....	\$ 12.00	3.32

 SUIL1993-002 01/19/1993

HEAVY CONSTRUCTION (LANDSCAPE WORK)

Rates	Fringes
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LABORER

BOONE, GRUNDY, KANE, KENDALL, LAKE, MCHENRY & WILL COUNTIES:	
LANDSCAPE DRIVER, 2 & 3	
AXLES.....\$ 11.94	2.42
LANDSCAPE LABORERS.....\$ 7.25	
LANDSCAPE OPERATORS.....\$ 13.11	3.01
LANDSCAPE PLANTS MAN.....\$ 9.73	2.05

COOK COUNTY:

LANDSCAPE DRIVER, 2 & 3	
AXLES.....\$ 9.93	1.89
LANDSCAPE LABORERS.....\$ 7.25	
LANDSCAPE OPERATORS.....\$ 10.98	2.12
LANDSCAPE PLANTS MAN.....\$ 10.08	2.06

DE KALB COUNTY:

LANDSCAPE LABORERS.....\$ 7.25	
LANDSCAPE OPERATORS.....\$ 7.25	
LANDSCAPE PLANTS MAN.....\$ 9.66	.26

DU PAGE COUNTY:

LANDSCAPE DRIVER, 2 & 3	
AXLES.....\$ 8.32	1.02
LANDSCAPE LABORERS.....\$ 7.25	
LANDSCAPE OPERATORS.....\$ 10.75	
LANDSCAPE PLANTS MAN.....\$ 10.65	

SUIL1993-003 01/19/1993

HIGHWAY CONSTRUCTION (LANDSCAPE WORK):

Rates	Fringes
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LABORER

DE KALB COUNTY	
LANDSCAPE LABORERS.....\$ 7.25	
LANDSCAPE OPERATORS.....\$ 7.25	
LANDSCAPE PLANTS MAN.....\$ 9.66	.26

KANKAKEE COUNTY:

LANDSCAPE DRIVER.....\$ 8.75	.17
LANDSCAPE OPERATOR.....\$ 16.57	3.56

PEORIA, TAZEWELL, &

WOODFORD COUNTIES:

TRUCK DRIVERS 2 & 3 AXLES..\$ 17.58	5.88
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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is

like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for

those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests

for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION"

Record of Employee Interview	U.S. Department of Housing and Urban Development Office of Davis-Bacon and Labor Standards	OMB Approval No. 2501-0009 (exp. 03/31/2028)
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Instructions

General:

This form is to be used by HUD and local agency staff for recording information gathered during on-site interviews with laborers and mechanics employed on projects subject to Federal prevailing wage requirements. Typically, the staff that will conduct on-site interviews and use this form are HUD staff and fee construction inspectors, HUD Labor Standards staff, and local agency labor standards contract monitors.

Information recorded on the form HUD-11 is evaluated for general compliance and compared to certified payroll reports submitted by the respective employer. The comparison tests the veracity of the payroll reports and may be critical to the successful conclusion of enforcement actions in the event of labor standards violations. The thoroughness and accuracy of the information gathered during interviews is crucial.

Note that the interview itself and the information collected on the form HUD-11 are considered confidential. Interviews should be conducted individually and privately. All laborers and mechanics employed on the job site must be made available for interview at the interviewer's request. The employee's participation, however, is voluntary. Interviews shall be conducted in a manner and place that are conducive to the purposes of the interview and that cause the least inconvenience to the employer(s) and the employee(s).

Completing the form HUD-11

Items 1a - 1c: Self-explanatory

Items 2a – 2d: Enter the employee's full name, a telephone number where the employee can be reached, email address and the employee's home address. Many construction workers use a temporary address in the locality of the project and have a more permanent address elsewhere from which mail may be forwarded to them. Obtain a more permanent address, if available. Ask the employee for a form of identification (e.g., driver's license) to verify their name.

Items 3a – 4c: Enter the employee's responses. Ask the employee about the frequency of pay (weekly, biweekly, semi-monthly or other).

Items 5 – 7: Be certain that the employee's responses are specific. For example, job classification (#5) must identify the trade involved (e.g., Carpenter, Electrician, Plumber) – responses such as "journeyman" or "mechanic" are not helpful for our purposes.

Items 8 – 12b: Self-explanatory

Items 13 – 15c: These items represent some of the most important information that can be gathered while conducting on-site interviews. Please be specific about the duties you observed the employee performing. It may be easiest to make these observations before initiating the interview. Please record any comments or remarks that may be helpful. For example, if the employee interviewed was working with a crew, how many workers were in the crew? Was the employee evasive?

The level of specificity that is warranted is directly related to the extent to which interview(s) or other observations indicate that there may be violations present. If interviews indicate that there may be underpayments involving a particular trade(s), the interviewer is encouraged to interview as many workers in that trade(s) that are available.

Items 16 – 17b: The information on the form HUD-11 may be reviewed for general compliance, initially. For example, are the job classification and wage rate stated by the employee compatible with the classifications and wage rates on the applicable wage decision? Are the duties observed by the interviewer consistent with the job classification?

Item 18: Please place here any additional information you may want to document or continuing information from other lines that do not fit in their block space.

Once the corresponding certified payroll reports are received, the information on the HUD-11 shall be compared to the payroll reports. Any discrepancies noted between the HUD-11 information and that on the payroll report shall be noted in Item 16, Remarks. If discrepancies are noted, follow-up actions to resolve the discrepancies must be taken.

Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Davis-Bacon and Labor Standards

OMB Approval No. 2501-0009
(exp. 03/31/2028)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information**. The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that these records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and confidentiality. In addition, these records should be protected against any anticipated threats or hazards to their security or integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom the information is maintained. **The information collected herein is voluntary, and any information provided shall be kept confidential.**

Note: Please ensure responses are legible and easy to read.

1a. Project Name		2a. Employee's Full Name		
1b. Project Number		2b. Employee's Phone Number (including area code) and Email Address		
1c. Contractor or Subcontractor (Employer—not individual's name or supervisor's name)		2c. Employee's Home Address & Zip Code		
		2d. Verification of identification? Yes <input type="checkbox"/> No <input type="checkbox"/>		
3a. How long on this job and average weekly hours worked?	3b. Last date on this job before today?	3c. Number of hours last day on this job?	4a. Hourly Rate of Pay	4b. Fringe benefits? Medical Yes <input type="checkbox"/> No <input type="checkbox"/> Pension Yes <input type="checkbox"/> No <input type="checkbox"/>
				4c. Frequency of Pay: Weekly <input type="checkbox"/> Biweekly <input type="checkbox"/> Semi-monthly <input type="checkbox"/> Other <input type="checkbox"/>

5. Your Job Classification(s) (list all and continue on a separate sheet if necessary):

6. Your Duties:

7. Tools or Equipment Used:

	Y	N		Y	N
8. Are you an apprentice or trainee?	<input type="checkbox"/>	<input type="checkbox"/>	10. Are you paid at least time and $\frac{1}{2}$ (1.5x regular hourly rate) for all hours worked in excess of 40 in a week?	<input type="checkbox"/>	<input type="checkbox"/>
8a. Have you provided a copy of your apprenticeship certificate?	<input type="checkbox"/>	<input type="checkbox"/>			
9. Are you paid for all hours worked?	<input type="checkbox"/>	<input type="checkbox"/>	11. Have you ever been threatened or coerced into giving up any part of your pay?	<input type="checkbox"/>	<input type="checkbox"/>

12a. Employee Signature

12b. Date

13. Duties Observed by the Interviewer (Please be specific):

14. Remarks

15a. Interviewer Name (please print) 15b. Signature of Interviewer 15c. Date of Interview

Payroll Examination

16. Remarks

17a. Signature of Payroll Examiner 17b. Date

**Record of
Employee Interview****U.S. Department of Housing and Urban Development
Office of Davis-Bacon and Labor Standards**OMB Approval No. 2501-0009
(exp. 03/31/2028)

18. Additional Remarks



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)					