



E-mail Reset Form

COVER SHEET

Proposal Submitted By:

Contractor's Name

[Empty text box for Contractor's Name]

Contractor's Address

[Empty text box for Contractor's Address]

City

[Empty text box for City]

State

[Empty text box for State]

Zip Code

[Empty text box for Zip Code]

STATE OF ILLINOIS

Local Public Agency

City of Prospect Heights

County

Cook

Section Number

23-00056-00-PV

Route(s) (Street/Road Name)

Owen Court

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

[Empty signature box for Highway Commissioner]

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

[Empty signature box for County Engineer/Superintendent of Highways]

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Joseph O. Wade 11/12/2024

Official Title

City Administrator

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature & Date

[Empty signature box for Regional Engineer]

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)
City of Prospect Heights	Cook	23-00056-00-PV	Owen Court

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of Prospect Heights - City Hall

<u>8 N. Elmhurst Road, Prospect Heights, Illinois 60070</u>	Name of Office until <u>10:30 AM</u>	on <u>02/25/25</u>
Address	Time	Date

Sealed proposals will be opened and read publicly at the office of Prospect Heights - City Hall

<u>8 N. Elmhurst Road, Prospect Heights, Illinois 60070</u>	Name of Office at <u>10:30 AM</u>	on <u>02/25/25</u>
Address	Time	Date

DESCRIPTION OF WORK

Location	Project Length
Owen Court	750'

Proposed Improvement

The work consists of road reconstruction and resurfacing, site grading, earthwork associated with creating a compensatory storage area, site restoration, and installation of approximately 80 feet of 12" diameter culverts throughout Owen Court as noted in the plans. +

1. Plans and proposal forms will be available in the office of
 Engineer's website at: <http://www.gha-engineers.com/bidding-info>.
 Download cost for this project is \$30

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)
City of Prospect Heights	Cook	23-00056-00-PV	Owen Court

PROPOSAL

1. Proposal of _____ Contractor's Name _____

Contractor's Address _____

2. The plans for the proposed work are those prepared by Gewalt Hamilton Associates, Inc. and approved by the Department of Transportation on _____.

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the " Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within _____ working days or by 06/30/25 unless additional time is granted in accordance with the specifications.

6. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.

7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.

8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.

9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable

to: City of Prospect Heights Treasurer of _____.

The amount of the check is 5% (_____).

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 23-00056-00-PV.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Prospect Heights	Cook	23-00056-00-PV	Owen Court

CONTRACTOR CERTIFICATIONS

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

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

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

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

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Prospect Heights	Cook	23-00056-00-PV	Owen Court

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



Schedule of Prices



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

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

Item Number	Items	Unit	Quantity	Unit Price	Total
20100110	Tree Removal (6-15 Unit Dia.)	UNIT	80		
20100210	Tree Removal (15+ Unit Dia.)	UNIT	100		
20101700	Supplemental Watering	UNIT	40		
20200100	Earth Excavation	CY	6300		
20201200	Rem/Disp. Unsuitable Material	CY	100		
20400800	Furnished Excavation	CY	340		
20700220	Por. Gran. Embank. (Special)	CY	660		
20700220	Por. Gran. Embank. Clean CA1	CY	200		
20800150	Trench Backfill	CY	30		
21001000	Geotech. Fabric for Ground Sta.	SY	1400		
21101615	Topsoil Furnish & Place, 4"	SY	1650		
21101625	Topsoil Furnish & Place, 6"	SY	9300		
25000100	Seeding, Class 1	AC	0.35		
25000210	Seeding, Class 2A	AC	0.15		
25000400	Nitrogen Fertilizer Nutrient	LB	50		
25000700	Potassium Fertilizer Nutrient	LB	50		
25100630	Erosion Control Blanket	SY	10950		
28000400	Perimeter Erosion Barrier	FT	300		
28000500	Inlet and Pipe Protection	EA	5		
28100125	Stone Riprap, Class B3 (Specia	SY	25		
35101400	Agg. Base Crse, Type B, Temp	CY	240		
35800100	Preparation of Base	SY	1420		
35800200	Aggregate Base Repair	TN	100		

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Prospect Heights, Illinois	Cook	23-00056-00-PV	Owen Court

Item Number	Items	Unit	Quantity	Unit Price	Total
40600982	HMA Surface Rem. - Butt Joint	EA	1		
40603080	HMA Bind. Crse., IL-19.0, N50	TN	250		
40604060	HMA Surf. - Mix 'D', IL-9.5, N50	TN	500		
40700100	Bituminous Materials (Tack Ct.)	LB	900		
42300200	PCC Driveway Pavement, 6"	SY	60		
44000157	HMA Surface Removal, 2"	SY	2800		
44000200	Driveway Pavement Removal	SY	100		
48101500	Aggregate Shoulders, Type B 6	SY	250		
50201101	Cofferdam - Owen Ct (Special)	LS	1		
55100500	Storm Sewer Removal 12"	FT	60		
55100700	Storm Sewer Removal 15"	FT	30		
63000017	Steel Plate Beam Guardrail, B	FT	120		
63100045	Traffic Barrier Terminal, Type 2	EA	2		
67100100	Mobilization	LS	1		
78000650	Thermo. Pav. Mark. - Line 24"	FT	10		
LR400899	Full Depth Reclamation. 10"	SY	1300		
X010029	Exploratory Excavation	EA	2		
X2010510	Clearing and Grubbing	LS	1		
X4021000	Grading and Shaping Ditches	FT	400		
X4021000	Temporary Access (Pr Entr)	EA	3		
X4810200	Aggregate Shoulder Removal	SY	40		
X7010216	Traffic Cont. & Prot. - Owen Ct.	LS	1		
X7010216	Traffic Cont. & Prot. - Comp St.	LS	1		
XX005569	Mailbox Removal & Reinstall.	EA	6		
Z0004510	HMA Driveway Pavement 3"	SY	30		
Z0023201	Sediment Control - Silt Curtain	FT	400		
Z0013796	Stabilized Constr. Entrance	LS	1		
-	Rem. & Reloc. Sign Pan. & Pol.	EA	3		
-	Wet Plant Mix, Slope Prairie	SY	6040		
-	Wet Plant Mix, Creekside Mead	SY	2500		
A2002020	Tree, Aesculus Glabra (Ohio B	EA	6		
A2002816	Tree, Catalpa Speciosa (Northe	EA	2		
A2002924	Tree, Celtis Occidentalis (Com	EA	3		
-	CCDD Non Comp. Mat. Disp.	CY	50		
-	Coir Log (Special)	FT	700		
-	Storm Culvert, 12" (Special)	FT	80		
Bidder's Total Proposal					

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Prospect Heights, Illinois	Cook	23-00056-00-PV	Owen Court

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



Local Public Agency Proposal Bid Bond

E-mail Reset Form

Local Public Agency: City of Prospect Heights; County: Cook; Section Number: 23-00056-00-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

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 COOK

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 _____ Month and Year

Notary Public Signature & Date

(SEAL, if required by the LPA)

Date commission expires _____

Local Public Agency

County

Section Number

City of Prospect Heights

Cook

23-00056-00-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

--



E-mail Reset Form

Local Public Agency County Street Name/Road Name Section Number
City of Prospect Heights Cook Owen Court 23-00056-00-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.

[Empty box for contractor information]

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.

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.

[Empty box for program sponsor list]

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.

[Empty box for 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.

Bidder Signature & Date Title Address City State Zip Code



Affidavit of Availability

For the Letting of

Print Form Reset Form

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.

Table with 7 columns: Contract Number, Contract With, Estimated Completion Date, Total Contract Price, Uncompleted Dollar Value if Firm is the Subcontractor, Awards Pending, Accumulated Totals.

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.

Table with 7 columns: Work Category, 1, 2, 3, 4, Awards Pending, Accumulated Totals. Rows include Earthwork, Portland Cement Concrete, HMA Plant Mix, etc.

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.

- 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					
Add	Total Uncompleted	\$0	\$0	\$0	\$0

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



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 Subcontractor						\$0
						\$0
Total Value of All Work						\$0

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

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Earthwork						\$0
Portland Cement Concrete Pa						\$0
HMA Plant Mix						\$0
HMA Paving						\$0
Clean & Seal Cracks/Joints						\$0
Aggregate Bases, Surfaces						\$0
Highway, R.R., Waterway Struc.						\$0
Drainage						\$0
Electrical						\$0
Cover and Seal Coats						\$0
Concrete Construction						\$0
Landscaping						\$0
Fencing						\$0
Guardrail						\$0
Painting						\$0
Signing						\$0
Cold Milling, Planning, Rotomi						\$0
Demolition						\$0
Pavement Markings (Paint)						\$0
Other Construction (List)						\$0
						\$0
						\$0
						\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0

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.

- 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					
Add	Total Uncompleted	\$0	\$0	\$0	\$0

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



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 Subcontractor						\$0
						\$0
Total Value of All Work						\$0

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						\$0
Portland Cement Concrete Pa						\$0
HMA Plant Mix						\$0
HMA Paving						\$0
Clean & Seal Cracks/Joints						\$0
Aggregate Bases, Surfaces						\$0
Highway, R.R., Waterway Struc.						\$0
Drainage						\$0
Electrical						\$0
Cover and Seal Coats						\$0
Concrete Construction						\$0
Landscaping						\$0
Fencing						\$0
Guardrail						\$0
Painting						\$0
Signing						\$0
Cold Milling, Planning, Rotomi						\$0
Demolition						\$0
Pavement Markings (Paint)						\$0
Other Construction (List)						\$0
						\$0
						\$0
						\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0

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.

- 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					
Add	Total Uncompleted	\$0	\$0	\$0	\$0

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



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 Subcontractor						\$0
						\$0
Total Value of All Work						\$0

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						\$0
Portland Cement Concrete Pa						\$0
HMA Plant Mix						\$0
HMA Paving						\$0
Clean & Seal Cracks/Joints						\$0
Aggregate Bases, Surfaces						\$0
Highway, R.R., Waterway Struc.						\$0
Drainage						\$0
Electrical						\$0
Cover and Seal Coats						\$0
Concrete Construction						\$0
Landscaping						\$0
Fencing						\$0
Guardrail						\$0
Painting						\$0
Signing						\$0
Cold Milling, Planning, Rotomi						\$0
Demolition						\$0
Pavement Markings (Paint)						\$0
Other Construction (List)						\$0
						\$0
						\$0
						\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0

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Amount Uncompleted					
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Subcontract Price					
Amount Uncompleted					
Add	Total Uncompleted	\$0	\$0	\$0	\$0

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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 Subcontractor						\$0
						\$0
Total Value of All Work						\$0

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HMA Plant Mix						\$0
HMA Paving						\$0
Clean & Seal Cracks/Joints						\$0
Aggregate Bases, Surfaces						\$0
Highway, R.R., Waterway Struc.						\$0
Drainage						\$0
Electrical						\$0
Cover and Seal Coats						\$0
Concrete Construction						\$0
Landscaping						\$0
Fencing						\$0
Guardrail						\$0
Painting						\$0
Signing						\$0
Cold Milling, Planning, Rotomi						\$0
Demolition						\$0
Pavement Markings (Paint)						\$0
Other Construction (List)						\$0
						\$0
						\$0
						\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0

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Subcontract Price					
Amount Uncompleted					
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Type of Work					
Subcontract Price					
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Type of Work					
Subcontract Price					
Amount Uncompleted					
Add	Total Uncompleted	\$0	\$0	\$0	\$0

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Signature

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Address

City

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Zip Code

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this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

Description of Work
Owen Court Flood Control Project
City of Prospect Heights Streets
Section #: 23-00056-00-PV

The following is a list of streets including limits, lengths, area and a brief description:

Street	From/To	Approximate Length (FT)	Approximate Area (SY)
Owen Court	Hillcrest Drive to End	713	1,585
Totals:		713	1,585

The above street segments will include: existing pavement reclamation, pavement widening, subgrade improvements, hot-mix asphalt binder course, hot-mix and asphalt surface course, curb and gutter removal and replacement, guardrail installation, culvert installation, landscape restoration and other associated improvements.



Print Form | Print With Instructions | Reset Form

Local Public Agency

County

Section Number

City of Prospect Heights

Cook

23-00056-00-PV

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

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

Recurring Special Provisions

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

City of Prospect Heights

Cook

23-00056-00-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

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



Special Provisions

Print Form

Reset Form

Local Public Agency

County

Section Number

City of Prospect Heights

Cook

23-00056-00-PV

The following Special Provision supplement the "Standard Specifications for Road and Bridge Construction", adopted

January 1, 2022

, 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 Specification and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of the above named section, and in case of conflict with any parts, or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

Owen Court Flood Control Project

FRICITION 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>	
		<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>	
		<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>	
		<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.”

STATUS OF UTILITIES (D-1)

Effective: June 1, 2016

Revised: January 1, 2020

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 below; 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.

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

No conflicts to be resolved *(or if there are conflicts they are to be listed as noted above)*

Pre-Stage: _____ Days Total Installation

Stage 1: _____ Days Total Installation

Stage 2: _____ Days Total Installation

The following contact information is what was used during the preparation of the plans as provided by the Agency/Company responsible for resolution of the conflict.

Agency/Company Responsible to Resolve Conflict	Name of contact	Phone	E-mail address

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 to notify the owner in advance of the work to take place so necessary staffing on the owner's part can be secured.

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

No facilities requiring extra consideration *(or listed as noted above)*

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility.

Agency/Company Responsible to Resolve Conflict	Name of contact	Phone	E-mail address

The above represents the best information available to the Department and is included for the convenience of the bidder. The days required for conflict resolution should be considered in the bid as this information has also been factored into the timeline identified for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided above for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation duration must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department's contractor and the utility companies when necessary. The Department's contractor is responsible for contacting J.U.L.I.E. prior to all excavation work.

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)

Effective: November 1, 2019

Revised: December 1, 2021

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 Supplemental 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, 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_{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 Ndesign				
	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.”

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 G_{mb}.”

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 third 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.”

TRAFFIC CONTROL PLAN

Effective: September 30, 1985

Revised: January 1, 2007

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

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

The Contractor shall contact the District One Bureau of Traffic at least 72 hours in advance of beginning work.

STANDARDS: 701001-02, 701006-05, 701101-05, 701301-04, 701501-06, 701901-08, 80439-39, 80427-42

DETAILS:

SPECIAL PROVISIONS:

Maintenance of Roadways

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that the Contractor begins work on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways, parkways, and trenches within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer. Note that the City will be responsible for snow removals on Owen Court, and that snow operations are not anticipated during the road closure on Willow Road. 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 for 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.

AVAILABLE REPORTS (D1 LR)

Effective: July 1, 2021

No project specific reports were prepared.

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

- Record structural plans
- Preliminary Site Investigation (PSI) (IDOT ROW)
- Preliminary Site Investigation (PSI) (Local ROW)
- Preliminary Environmental Site Assessment (PESA) (IDOT ROW)
- Preliminary Environmental Site Assessment (PESA) (Local ROW)
- Soils/Geotechnical Report
- Boring Logs
- Pavement Cores
- Location Drainage Study (LDS)
- Hydraulic Report
- Noise Analysis
- Other: _____

[if the first box indicating no reports is checked delete the following section]

Those seeking these reports should request access from:

Available reports are included in these contract bid documents

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:

City of Prospect Heights, Illinois

Gewalt Hamilton Associates, Inc.

and Metropolitan Water Reclamation District of Greater Chicago

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 & 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."

BDE SPECIAL PROVISIONS
For the November 8, 2024 Lettings

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

File Name	#		Special Provision Title	Effective	Revised
	80099	1	<input type="checkbox"/> Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	<input 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
*	80241	6	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
*	50531	7	<input type="checkbox"/> Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	8	<input type="checkbox"/> Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80449	9	<input checked="" type="checkbox"/> Cement, Type II	Aug. 1, 2023	
	80384	10	<input type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	11	<input type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
*	80199	12	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80453	13	<input type="checkbox"/> Concrete Sealer	Nov. 1, 2023	
	80261	14	<input type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	15	<input type="checkbox"/> Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
*	80029	16	<input type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Mar. 2, 2019
	80229	17	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	18	<input type="checkbox"/> Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80447	19	<input checked="" type="checkbox"/> Grading and Shaping Ditches	Jan. 1, 2023	
	80433	20	<input type="checkbox"/> Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80443	21	<input type="checkbox"/> High Tension Cable Median Barrier Removal	April 1, 2022	
	80456	22	<input type="checkbox"/> Hot-Mix Asphalt	Jan. 1, 2024	
	80446	23	<input type="checkbox"/> Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
	80438	24	<input type="checkbox"/> Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
	80045	25	<input type="checkbox"/> Material Transfer Device	June 15, 1999	Jan. 1, 2022
	80450	26	<input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	
	80441	27	<input type="checkbox"/> Performance Graded Asphalt Binder	Jan. 1, 2023	
	80451	28	<input checked="" type="checkbox"/> Portland Cement Concrete	Aug. 1, 2023	
	80459	29	<input type="checkbox"/> Preformed Plastic Pavement Marking	June 2, 2024	
*	34261	30	<input type="checkbox"/> Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80455	31	<input checked="" type="checkbox"/> Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
	80445	32	<input checked="" type="checkbox"/> Seeding	Nov. 1, 2022	
	80457	33	<input type="checkbox"/> Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
	80448	34	<input checked="" type="checkbox"/> Source of Supply and Quality Requirements	Jan. 2, 2023	
	80340	35	<input type="checkbox"/> Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	36	<input type="checkbox"/> Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	37	<input type="checkbox"/> Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	38	<input type="checkbox"/> Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	39	<input checked="" type="checkbox"/> Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
	80435	40	<input type="checkbox"/> Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80410	41	<input type="checkbox"/> Traffic Spotters	Jan. 1, 2019	
*	20338	42	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	43	<input type="checkbox"/> Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	44	<input type="checkbox"/> Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80458	45	<input type="checkbox"/> Waterproofing Membrane System	Aug. 1, 2024	
	80302	46	<input type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80454	47	<input type="checkbox"/> Wood Sign Support	Nov. 1, 2023	
	80427	48	<input checked="" type="checkbox"/> Work Zone Traffic Control Devices	Mar. 2, 2020	
*	80071	49	<input type="checkbox"/> Working Days	Jan. 1, 2002	

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

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


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

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



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.”



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Work Zone Traffic Control Devices
Date: January 10, 2020

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.

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 24, 2020 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 10, 2020.

80427m

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports 1106.02”

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(c) G_{mm} and G_{mb} testing

Additionally, the Contractor shall have a representative present during construction that is familiar with the lay down of the product and its design methods.

Method of Measurement. The bituminous material for tack coat will be measured for payment as specified in Section 1032.

The wearing course will be measured for payment in place and the quantity computed in square yards (square meters).

Basis of Payment. The tack coat will be paid for at the contract unit price per pound (kilogram) of residual asphalt for RAPID SETTING POLYMER MODIFIED EMULSION.


The wearing course will be paid for at the contract unit price per square yard (square meter) for ULTRA-THIN BONDED WEARING COURSE, of the mixture composition and friction aggregate specified.

80429



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Submission of Payroll Records
Date: September 29, 2023

This special provision was developed by the Central Bureau of Construction to update the process for submitting payroll records to the Illinois Department of Labor in accordance with the State Prevailing Wage Act (820 ILCS 130). It has been revised to update the contractor's payroll record requirements and what the contractor is required to submit to the Department for certified payrolls according to the Federal Register's Final Rule on the Davis-Bacon Act published August 23, 2023.

This special provision should be inserted into federal and nonfederal aid contracts on the state letting.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 19, 2024 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80437m

SUBMISSION OF PAYROLL RECORDS (BDE)

Effective: April 1, 2021

Revised: November 2, 2023

FEDERAL AID CONTRACTS. Revise the following section of Check Sheet #1 of the Recurring Special Provisions to read:

“STATEMENTS AND PAYROLLS

The payroll records shall include the worker’s name, social security number, last known address, telephone number, email address, 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), daily and weekly number of hours actually worked in total, deductions made, and actual wages paid.

The Contractor and each subcontractor shall submit certified payroll records to the Department each week from the start to the completion of their respective work, except that full social security numbers, last known addresses, telephone numbers, and email addresses shall not be included on weekly submittals. Instead, the payrolls need only include an identification number for each employee (e.g., the last four digits of the employee’s social security number). The submittals shall be made using LCPTracker Pro software. The software is web-based and can be accessed at <https://lcptracker.com/>. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate option (“No Work”, “Suspended”, or “Complete”) selected.”

STATE CONTRACTS. Revise Item 3 of Section IV of Check Sheet #5 of the Recurring Special Provisions to read:

- “3. Submission of Payroll Records. The Contractor and each subcontractor shall, no later than the 15th day of each calendar month, file a certified payroll for the immediately preceding month to the Illinois Department of Labor (IDOL) through the Illinois Prevailing Wage Portal in compliance with the State Prevailing Wage Act (820 ILCS 130). The portal can be found on the IDOL website at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Prevailing-Wage-Portal.aspx>. Payrolls shall be submitted in the format prescribed by the IDOL.

In addition to filing certified payroll(s) with the IDOL, the Contractor and each subcontractor shall certify and submit payroll records to the Department each week from the start to the completion of their respective work, except that full social security numbers shall not be included on weekly submittals. Instead, the payrolls shall include an identification number for each employee (e.g., the last four digits of the employee’s social security number). In addition, starting and ending times of work each day may be omitted from the payroll records submitted. The submittals shall be made using LCPTracker Pro software. The software is web-based and can be accessed at <https://lcptracker.com/>.


When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate option (“No Work”, “Suspended”, or “Complete”) selected.”

80437



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Illinois Works Apprenticeship Initiative –
State Funded Contracts
Date: January 12, 2024

This special provision was created for the Illinois Works Jobs Program Act (30 ILCS 559/20-1 et seq.). It has been revised to increase job opportunities for Illinois Works graduates and provide compliance accountability measures in accordance with HB 2300 signed into law on July 28, 2023.

This special provision should be inserted into all nonfederal-aid 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.

80438m

ILLINOIS WORKS APPRENTICESHIP INITIATIVE – STATE FUNDED CONTRACTS (BDE)

Effective: June 2, 2021

Revised: April 2, 2024

Illinois Works Jobs Program Act (30 ILCS 559/20-1 et seq.). For contracts having an awarded contract value of \$500,000 or more, the Contractor shall comply with the Illinois Works Apprenticeship Initiative (30 ILCS 559/20-20 to 20-25) and all applicable administrative rules. The goal of the Illinois Apprenticeship Works Initiative is that apprentices will perform either 10% of the total labor hours actually worked in each prevailing wage classification or 10% of the estimated labor hours in each prevailing wage classification, whichever is less. Of this goal, at least 50% of the labor hours of each prevailing wage classification performed by apprentices shall be performed by graduates of the Illinois Works Pre-Apprenticeship Program, the Illinois Climate Works Pre-Apprenticeship Program, or the Highway Construction Careers Training Program.

The Contractor may seek from the Department of Commerce and Economic Opportunity (DCEO) a waiver or reduction of this goal in certain circumstances pursuant to 30 ILCS 559/20-20(b). The Contractor shall ensure compliance during the term of the contract and will be required to report on and certify its compliance. An apprentice use plan, apprentice hours, and a compliance certification shall be submitted to the Engineer on forms provided by the Department and/or DCEO.

80438



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston *Jack A. Elston*
Subject: Special Provision for Seeding
Date: August 5, 2022

This special provision was developed to update the seeding mixtures by eliminating seed varieties no longer available and allowing alternative fescues. It was also revised to replace the seeding dates with temperature requirements and establish a consistent period of establishment.

This special provision should be inserted into all contracts with SEEDING or INTERSEEDING.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the November 18, 2022 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80445m

SEEDING (BDE)

Effective: November 1, 2022

Revise Article 250.07 of the Standard Specifications to read:

“250.07 Seeding Mixtures. The classes of seeding mixtures and combinations of mixtures will be designated in the plans.

When an area is to be seeded with two or more seeding classes, those mixtures shall be applied separately on the designated area within a seven day period. Seeding shall occur prior to placement of mulch cover. A Class 7 mixture can be applied at any time prior to applying any seeding class or added to them and applied at the same time.

TABLE 1 - SEEDING MIXTURES

Class - Type	Seeds	lb/acre (kg/hectare)
1 Lawn Mixture 1/	Kentucky Bluegrass Perennial Ryegrass <i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue)	100 (110) 60 (70) 40 (50)
1A Salt Tolerant Lawn Mixture 1/	Kentucky Bluegrass Perennial Ryegrass <i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue) <i>Festuca brevipilla</i> (Hard Fescue) <i>Puccinellia distans</i> (Fults Saltgrass or Salty Alkaligrass)	60 (70) 20 (20) 20 (20) 20 (20) 60 (70)
1B Low Maintenance Lawn Mixture 1/	Turf-Type Fine Fescue 3/ Perennial Ryegrass Red Top <i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue)	150 (170) 20 (20) 10 (10) 20 (20)
2 Roadside Mixture 1/	<i>Lolium arundinaceum</i> (Tall Fescue) Perennial Ryegrass <i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue) Red Top	100 (110) 50 (55) 40 (50) 10 (10)
2A Salt Tolerant Roadside Mixture 1/	<i>Lolium arundinaceum</i> (Tall Fescue) Perennial Ryegrass <i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue) <i>Festuca brevipilla</i> (Hard Fescue) <i>Puccinellia distans</i> (Fults Saltgrass or Salty Alkaligrass)	60 (70) 20 (20) 30 (20) 30 (20) 60 (70)
3 Northern Illinois Slope Mixture 1/	<i>Elymus canadensis</i> (Canada Wild Rye) 5/ Perennial Ryegrass Alsike Clover 4/ <i>Desmanthus illinoensis</i> (Illinois Bundleflower) 4/ 5/ <i>Schizachyrium scoparium</i> (Little Bluestem) 5/ <i>Bouteloua curtipendula</i> (Side-Oats Grama) 5/ <i>Puccinellia distans</i> (Fults Saltgrass or Salty Alkaligrass) Oats, Spring Slender Wheat Grass 5/ Buffalo Grass 5/ 7/	5 (5) 20 (20) 5 (5) 2 (2) 12 (12) 10 (10) 30 (35) 50 (55) 15 (15) 5 (5)
3A Southern Illinois Slope Mixture 1/	Perennial Ryegrass <i>Elymus canadensis</i> (Canada Wild Rye) 5/ <i>Panicum virgatum</i> (Switchgrass) 5/ <i>Schizachyrium scoparium</i> (Little Blue Stem) 5/ <i>Bouteloua curtipendula</i> (Side-Oats Grama) 5/ <i>Dalea candida</i> (White Prairie Clover) 4/ 5/ <i>Rudbeckia hirta</i> (Black-Eyed Susan) 5/ Oats, Spring	20 (20) 20 (20) 10 (10) 12 (12) 10 (10) 5 (5) 5 (5) 50 (55)

Class – Type	Seeds	lb/acre (kg/hectare)
4 Native Grass 2/ 6/	<i>Andropogon gerardi</i> (Big Blue Stem) 5/	4 (4)
	<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/	5 (5)
	<i>Bouteloua curtipendula</i> (Side-Oats Grama) 5/	5 (5)
	<i>Elymus canadensis</i> (Canada Wild Rye) 5/	1 (1)
	<i>Panicum virgatum</i> (Switch Grass) 5/	1 (1)
	<i>Sorghastrum nutans</i> (Indian Grass) 5/	2 (2)
	Annual Ryegrass	25 (25)
	Oats, Spring	25 (25)
	Perennial Ryegrass	15 (15)
	4A Low Profile Native Grass 2/ 6/	<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/
<i>Bouteloua curtipendula</i> (Side-Oats Grama) 5/		5 (5)
<i>Elymus canadensis</i> (Canada Wild Rye) 5/		1 (1)
<i>Sporobolus heterolepis</i> (Prairie Dropseed) 5/		0.5 (0.5)
Annual Ryegrass		25 (25)
Oats, Spring		25 (25)
Perennial Ryegrass		15 (15)
4B Wetland Grass and Sedge Mixture 2/ 6/	Annual Ryegrass	25 (25)
	Oats, Spring	25 (25)
	Wetland Grasses (species below) 5/	6 (6)
<u>Species:</u>		<u>% By Weight</u>
<i>Calamagrostis canadensis</i> (Blue Joint Grass)		12
<i>Carex lacustris</i> (Lake-Bank Sedge)		6
<i>Carex slipata</i> (Awl-Fruited Sedge)		6
<i>Carex stricta</i> (Tussock Sedge)		6
<i>Carex vulpinoidea</i> (Fox Sedge)		6
<i>Eleocharis acicularis</i> (Needle Spike Rush)		3
<i>Eleocharis obtusa</i> (Blunt Spike Rush)		3
<i>Glyceria striata</i> (Fowl Manna Grass)		14
<i>Juncus effusus</i> (Common Rush)		6
<i>Juncus tenuis</i> (Slender Rush)		6
<i>Juncus torreyi</i> (Torrey's Rush)		6
<i>Leersia oryzoides</i> (Rice Cut Grass)		10
<i>Scirpus acutus</i> (Hard-Stemmed Bulrush)		3
<i>Scirpus atrovirens</i> (Dark Green Rush)		3
<i>Bolboschoenus fluviatilis</i> (River Bulrush)		3
<i>Schoenoplectus tabernaemontani</i> (Softstem Bulrush)		3
<i>Spartina pectinata</i> (Cord Grass)		4

Class – Type	Seeds	lb/acre (kg/hectare)
5	Forb with Annuals Mixture 2/ 5/ 6/	Annuals Mixture (Below) Forb Mixture (Below)
		1 (1) 10 (10)
	Annuals Mixture - Mixture not exceeding 25 % by weight of any one species, of the following:	
	<i>Coreopsis lanceolata</i> (Sand Coreopsis) <i>Leucanthemum maximum</i> (Shasta Daisy) <i>Gaillardia pulchella</i> (Blanket Flower) <i>Ratibida columnifera</i> (Prairie Coneflower) <i>Rudbeckia hirta</i> (Black-Eyed Susan)	
	Forb Mixture - Mixture not exceeding 5 % by weight PLS of any one species, of the following:	
	<i>Amorpha canescens</i> (Lead Plant) 4/ <i>Anemone cylindrica</i> (Thimble Weed) <i>Asclepias tuberosa</i> (Butterfly Weed) <i>Aster azureus</i> (Sky Blue Aster) <i>Symphotrichum leave</i> (Smooth Aster) <i>Aster novae-angliae</i> (New England Aster) <i>Baptisia leucantha</i> (White Wild Indigo) 4/ <i>Coreopsis palmata</i> (Prairie Coreopsis) <i>Echinacea pallida</i> (Pale Purple Coneflower) <i>Eryngium yuccifolium</i> (Rattlesnake Master) <i>Helianthus mollis</i> (Downy Sunflower) <i>Heliopsis helianthoides</i> (Ox-Eye) <i>Liatris aspera</i> (Rough Blazing Star) <i>Liatris pycnostachya</i> (Prairie Blazing Star) <i>Monarda fistulosa</i> (Prairie Bergamot) <i>Parthenium integrifolium</i> (Wild Quinine) <i>Dalea candida</i> (White Prairie Clover) 4/ <i>Dalea purpurea</i> (Purple Prairie Clover) 4/ <i>Physostegia virginiana</i> (False Dragonhead) <i>Potentilla arguta</i> (Prairie Cinquefoil) <i>Ratibida pinnata</i> (Yellow Coneflower) <i>Rudbeckia subtomentosa</i> (Fragrant Coneflower) <i>Silphium laciniatum</i> (Compass Plant) <i>Silphium terebinthinaceum</i> (Prairie Dock) <i>Oligoneuron rigidum</i> (Rigid Goldenrod) <i>Tradescantia ohiensis</i> (Spiderwort) <i>Veronicastrum virginicum</i> (Culver's Root)	

Class – Type	Seeds	lb/acre (kg/hectare)
5A Large Flower Native Forb Mixture 2/ 5/ 6/	Forb Mixture (see below)	5 (5)
	<u>Species:</u>	<u>% By Weight</u>
	<i>Aster novae-angliae</i> (New England Aster)	5
	<i>Echinacea pallida</i> (Pale Purple Coneflower)	10
	<i>Helianthus mollis</i> (Downy Sunflower)	10
	<i>Heliopsis helianthoides</i> (Ox-Eye)	10
	<i>Liatris pycnostachya</i> (Prairie Blazing Star)	10
	<i>Ratibida pinnata</i> (Yellow Coneflower)	5
	<i>Rudbeckia hirta</i> (Black-Eyed Susan)	10
	<i>Silphium laciniatum</i> (Compass Plant)	10
	<i>Silphium terebinthinaceum</i> (Prairie Dock)	20
	<i>Oligoneuron rigidum</i> (Rigid Goldenrod)	10
5B Wetland Forb 2/ 5/ 6/	Forb Mixture (see below)	2 (2)
	<u>Species:</u>	<u>% By Weight</u>
	<i>Acorus calamus</i> (Sweet Flag)	3
	<i>Angelica atropurpurea</i> (Angelica)	6
	<i>Asclepias incarnata</i> (Swamp Milkweed)	2
	<i>Aster puniceus</i> (Purple Stemmed Aster)	10
	<i>Bidens cernua</i> (Beggarticks)	7
	<i>Eutrochium maculatum</i> (Spotted Joe Pye Weed)	7
	<i>Eupatorium perfoliatum</i> (Boneset)	7
	<i>Helenium autumnale</i> (Autumn Sneezeweed)	2
	<i>Iris virginica shrevei</i> (Blue Flag Iris)	2
	<i>Lobelia cardinalis</i> (Cardinal Flower)	5
	<i>Lobelia siphilitica</i> (Great Blue Lobelia)	5
	<i>Lythrum alatum</i> (Winged Loosestrife)	2
	<i>Physostegia virginiana</i> (False Dragonhead)	5
	<i>Persicaria pensylvanica</i> (Pennsylvania Smartweed)	10
	<i>Persicaria lapathifolia</i> (Curlytop Knotweed)	10
	<i>Pycnanthemum virginianum</i> (Mountain Mint)	5
	<i>Rudbeckia laciniata</i> (Cut-leaf Coneflower)	5
	<i>Oligoneuron riddellii</i> (Riddell Goldenrod)	2
	<i>Sparganium eurycarpum</i> (Giant Burreed)	5
6 Conservation Mixture 2/ 6/	<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/ <i>Elymus canadensis</i> (Canada Wild Rye) 5/ Buffalo Grass 5/ 7/ Vernal Alfalfa 4/ Oats, Spring	5 (5) 2 (2) 5 (5) 15 (15) 48 (55)
6A Salt Tolerant Conservation Mixture 2/ 6/	<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/ <i>Elymus canadensis</i> (Canada Wild Rye) 5/ Buffalo Grass 5/ 7/ Vernal Alfalfa 4/ Oats, Spring <i>Puccinellia distans</i> (Fults Saltgrass or Salty Alkaligrass)	5 (5) 2 (2) 5 (5) 15 (15) 48 (55) 20 (20)
7 Temporary Turf Cover Mixture	Perennial Ryegrass Oats, Spring	50 (55) 64 (70)

Notes:

- 1/ Seeding shall be performed when the ambient temperature has been between 45 °F (7 °C) and 80 °F (27 °C) for a minimum of seven (7) consecutive days and is forecasted to be the same for the next five (5) days according to the National Weather Service.
- 2/ Seeding shall be performed in late fall through spring beginning when the ambient temperature has been below 45 °F (7 °C) for a minimum of seven (7) consecutive days and ending when the ambient temperature exceeds 80 °F (27 °C) according to the National Weather Service.
- 3/ Specific variety as shown in the plans or approved by the Engineer.
- 4/ Inoculation required.
- 5/ Pure Live Seed (PLS) shall be used.
- 6/ Fertilizer shall not be used.
- 7/ Seed shall be primed with KNO_3 to break dormancy and dyed to indicate such.


Seeding will be inspected after a period of establishment. The period of establishment shall be six (6) months minimum, but not to exceed nine (9) months. After the period of establishment, areas not exhibiting 75 percent uniform growth shall be interseeded or reseeded, as determined by the Engineer, at no additional cost to the Department.”

80445



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Grading and Shaping Ditches
Date: September 30, 2022

This special provision was developed by the Bureau of Design and Environment to clarify the handling of surplus and unsuitable material when grading and shaping ditches.

This special provision should be inserted into contracts with GRADING AND SHAPING DITCHES.

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.

80447m

GRADING AND SHAPING DITCHES (BDE)

Effective: January 1, 2023

Delete the second paragraph of Article 214.03 of the Standard Specifications.


Delete the second paragraph of Article 214.04 of the Standard Specifications.

80447



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Source of Supply and Quality Requirements
Date: January 13, 2023

This special provision was created for the Build America, Buy America Act under the Infrastructure Investment and Jobs Act (IIJA) / Bipartisan Infrastructure Law (BIL) in accordance with Public Law 117-58 to expand the list of construction materials required to be manufactured in the United States beyond what is currently only required for steel/iron products.

This special provision should be inserted into all federal-aid contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the April 28, 2023 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80448m

SOURCE OF SUPPLY AND QUALITY REQUIREMENTS (BDE)

Effective: January 2, 2023

Add the following to Article 106.01 of the Standard Specifications:

“The final manufacturing process for construction materials and the immediately preceding manufacturing stage for construction materials shall occur within the United States. Construction materials shall include an article, material, or supply that is or consists primarily of the following.

- (a) Non-ferrous metals;
- (b) Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- (c) Glass (including optic glass);
- (d) Lumber;
- (e) Drywall.


Items consisting of two or more of the listed construction materials that have been combined through a manufacturing process, and items including at least one of the listed materials combined with a material that is not listed through a manufacturing process shall be exempt.”

80448



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Cement, Type IL
Date: September 29, 2023

This special provision was developed by the Central Bureau of Materials to allow Type IL cement for soil modification, soil-cement base course, microsurfacing, slurry sealing, controlled low-strength material, and any other incidental cement as a response to industry shifting away from Type I cement.

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 19, 2024 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80449m

CEMENT, TYPE IL (BDE)

Effective: August 1, 2023

Add the following to Article 302.02 of the Standard Specifications:

“(k) Type IL Portland-Limestone Cement1001”

Revise Note 2 of Article 352.02 of the Standard Specifications to read:

“Note 2. Either Type I or Type IA portland cement or Type IL portland-limestone cement shall be used.”

Revise Note 1 of Article 404.02 of the Standard Specifications to read:

“Note 1. The cement shall be Type I portland cement or Type IL portland-limestone cement.”

Revise Article 1019.02(a) of the Standard Specifications to read:


“(a) Cement, Type I or IL1001”

80449



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Portland Cement Concrete
Date: April 21, 2023

This special provision was developed by the Central Bureau of Materials to update admixture dispensers used in automatic and semi-automatic batching of portland cement concrete to allow dual meter type systems in lieu of gross checks.

This special provision should be inserted into contracts involving portland cement concrete.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the August 4, 2023 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80451m

PORTLAND CEMENT CONCRETE (BDE)

Effective: August 1, 2023

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.”

80451



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 (RSM DR)”.

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 eight 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 Hot-Mix Asphalt
Date: September 29, 2023

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).

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 19, 2024 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

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} .”

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.”

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.”

80456



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 millicandelas/footcandle/sq ft (millicandelas/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."

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General Conditions

1. Scope of Work

The provisions of Article 104.02 of the Standard Specifications of Road and Bridge Construction (Standard Specification) are hereby amended as follows: **“The City of Prospect Heights (City) expressly reserves the right to remove from or add to the project any portions thereof included in the Owen Court Flood Control Project. Such reductions, if any, shall be made in writing by the City prior to execution of the Contract Documents. Any reduction in the scope of work required by the City prior to the execution of the Contract Documents shall not result in an adjustment to the contract or to the price originally bid.”**

The purpose of this project is to mitigate flooding issues on Owen Court by raising the road elevation as outlined on the plans, as well as earth work associated with the construction of a compensatory storage area. This work consists of furnishing all materials, parts, labor, tools, equipment, incidentals, and supervision necessary to complete the required site demolition, site erosion control, earth work, site grading, storm culvert installation, roadway work, site restoration, and other items associated with the work identified in the bidding documents. The contract will also consist of traffic control during construction and all incidental and collateral work necessary to complete the project as described herein.

2. Location of Project

There are two separate project sites. The first is located at Owen Court and Hillcrest Drive, and the second is East Palatine Road and North Schoenbeck Road in The City of Prospect Heights, Illinois. A location map is included on the title sheet of the plans.

3. Project Submittals

The Contractor is required to submit all items as outlined in the General Conditions and further outlined in these special provisions. Submittals include schedules, Contractor's Drawings, calculations, samples, manuals, methods of construction, and record drawings. Other requirements for submittals are specified under applicable sections of the Standard Specifications.

Required Submittals:

- In-Stream Workplan
 - Cofferdam design and Maintenance
 - Dewatering/Pumping Plan
- Guard Rail Shop Drawings
- Erosion Control Shop Drawing
 - Silt Fence
 - Straw Wattle/Coir Logs/pipe protection
 - Sediment Containment Bag
 - Silt Curtain
- Stone Materials source and gradation Shop Drawing
 - Porous Granular Material
 - CA1
 - Trench backfill
 - Geotextile Fabrics for ground stabilization (Roadway and Culvert)
 - Geotextile Fabric for RipRap Stabilization
 - Pipe Bedding Materials
- Traffic Control Plan

- Pipe Materials Shop Drawings
 - Storm Culvert
 - End Sections
 - Chimney Seals
 - Frame and Grates
- HMA Mix Designs & Plant Certifications
- Concrete Mix
- Wetland Seed Mixes

*Other Shop Drawings as requested by the Engineer

4. Definition of City of Prospect Heights

All references in the contract relating to the Department, Awarding Authority, City of Prospect Heights, City, etc. shall mean the City of Prospect Heights.

5. Clean Construction and Demolition Debris (CCDD) Material Disposal

Work under this item shall be performed in compliance with the Illinois Environmental Protection Agency (IEPA) guidelines in effect at the time of construction. Copies of the analysis report for the soil samples taken along with the appropriate Illinois EPA LPC-662 and 663 Certification have been provided in this document.

The Contractor will be required to make all arrangements for coordination and submission of the testing reports and certification documents with their chosen CCDD or other suitable disposal facility. Written confirmation of preliminary approval must be provided from the disposal facility and confirmed by the Owner as acceptable.

All surplus, clean material generated from the Contractor's activities must be disposed of at an IEPA permitted CCDD or otherwise acceptable facility. The Contractor is responsible for providing documentation to the Owner for each load hauled off-site showing the quantity of material and the location where the material was disposed of.

Disposal of clean material not in compliance with these requirements will constitute a breach of contract. If the Contractor fails to provide adequate documentation supporting the legal disposal of clean material according to this special provision, the Contractor shall be fined \$1,000 per load of material and will assume all liability associated with material disposed of not in compliance with this special provision.

No extra compensation will be allowed to the Contractor for any expenses incurred complying with these requirements including but not limited to: delays, inconvenience, or interruptions in the work resulting from compliance with these requirements. All costs associated with material disposal shall be included into the appropriate unit bid prices for the work.

6. JULIE Notification

The Contractor shall call the Joint Utility Locating Information for Excavators (JULIE) (1-800-892-0123 or 811), a minimum of forty-eight (48) hours in advance of work being done in the area in accordance with Article 107.39 of the Standard Specifications.

For utilities which are not members, the Contractor shall contact the owners directly. The Contractor will be required to cooperate with all utility companies and municipal agencies involved in connection with the removal, temporary relocation, reconstruction or abandonment by these agencies of any and all services.

No additional compensation will be allowed the Contractor for any expense incurred by complying with these requirements, or because of delays, inconvenience or interruptions in his work resulting from the failure of the municipal agencies or utility company to remove, relocate, reconstruct or abandon their services.

7. Prequalification of Bidders

Bidders shall be prequalified with the Illinois Department of Transportation in accordance with Article 102.01 of the Standard Specifications and is required by all bidders. All subcontractors shall be registered with the Department as a condition for approval to perform work on the contract.

8. Contractor Requirements

The Contractor will be required to have a full-time superintendent on site whenever work is being performed by the general contractor or any of its subcontractors.

The Contractor shall be aware and coordinate for permits that are required for this project with the; City of Prospect Heights (City), Metropolitan Water Reclamation District (MWRD),, The Illinois Environmental Protection Agency (IEPA), US Army Corps of Engineers (USACE), The North Cook County Soil and Water Conservation District (NCCSWCD). All bonds, letter of credit requirements, and insurance provisions required by these agencies shall be included in the cost of the contract.

9. Completion Date

The Contractor shall commence the work to be performed under this contract, 10 days following the execution of the contract. The work shall be prosecuted in such a manner and with such a supply of materials, equipment and labor as considered necessary to ensure its completion according to the time specified in the contract. This project includes work at two separate locations. The Contractor shall refer to the TRAFFIC CONTROL AND PROTECTION special provision for additional details outlining project phasing. The completion dates shall follow the following schedule:

- Owen Court Work
 - Substantial Completion Date: August 29, 2025
 - Final Completion Date: September 26, 2025
- Compensatory Storage Area Work
 - Substantial Completion Date: August 29, 2025
 - Final Completion Date: September 26, 2025

The Contractor shall substantially complete all work in the contract as outlined in the above schedule, including landscape restoration, as defined in Article 108.04 of the Standard Specifications. The estimated award date for this project is Monday, March 17, 2025.

The City shall have the authority to suspend the work whole or in part due to the failure of the Contractor to carry out provisions of the contract; unsuitable severe weather; conditions considered unsuitable for the prosecution of the work or for any other condition or reason deemed to be in the public interest. The period of suspension shall not count against the time of performance established in the contract unless the suspension is ordered due to the acts or omissions of the Contractor. The Contractor shall not be paid additional compensation on account of any suspension ordered pursuant to Article 108.07 of the Standard Specifications.

Following substantial completion, the Contractor shall provide the Engineer written notice in accordance with Article 105.13 of the Standard Specifications. The Contractor will have fourteen (14) calendar days to correct any deficiencies following the scheduled final inspection and punch list submittal by the Engineer.

In case of failure to complete the work on time by the interim completion date, completion date, working days, and/or the deficient punch list items, the provisions of Article 108.09 of the Standard Specifications shall apply, **except regardless of the contract amount, the daily charge shall be \$2,000 per calendar day overrun.** Landscape restoration planting times shall follow Article 250.07 of the Standard Specifications.

10. Contract Sequencing

The Contractor shall notify the Engineer at least 72 hours in advance of beginning work and 48 hours prior to construction commencement. At no time shall residents or business owners be kept out of their driveway over a weekend or holiday as defined in article 107.09 of the Standard Specifications.

Work shall be scheduled so that it is continuous on the various roadways. The Contractor and approved Subcontractor(s) shall, at all times, employ and provide sufficient labor, tools, equipment, and other incidental items for prosecuting the work to full completion in the manner and time required by the contract. Furthermore, article 440.04 shall be revised to read as follows: 'Milled or removed pavement shall be resurfaced to Binder within five (5) calendar days, unless approved by the Engineer.

If, at the discretion of the Engineer or City, longer working days or weekend work is applicable, no additional compensation will be allowed the Contractor for any overtime or additional expenses incurred.

11. Construction Work Periods

Construction operations shall be completed in accordance with Article 107.09 of the Standard Specifications. All work shall be confined to the period beginning at 7:00 AM and ending at 6:00 PM on Monday through Saturday. No work shall be done on Sundays or legal holiday periods as defined in Article 107.09 of the Standard Specifications.

Any work outside the allowed time periods in accordance with the City Ordinance, including but not limited to, material deliveries, mobilization of equipment, warming up machinery, or truck staging, a penalty of \$1,000 per occurrence may be imposed.

12. Pre-Construction Meeting

Prior to commencing any construction operations, there shall be a pre-construction meeting. The Owner or Engineer will set the time and date of the meeting following Contract award.

The following shall be submitted by the Contractor for review at the pre-construction meeting:

A Progress Schedule in accordance with Article 108.02. Including project sequencing information.

The 24-hour emergency phone number and contact information of the assigned Contractor's superintendent, or otherwise.

The name and 24-hour emergency phone number of the person in the direct employ of the Contractor who is responsible for administrating the Traffic Control and Protection on the Contract

A list of subcontractors with contact information, including but not limited to name, phone number, and email address, and include quantity and type of work to be sublet for each respective subcontractor in accordance with Article 108.01 of the Standard Specifications.

A list of proposed sources of material.

Hot-mix asphalt and concrete mix designs, and respective quality control plans.

Any applicable shop drawing submittals.

Other submittals as specified herein

13. Maintenance of Roadways

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that the Contractor begins work on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways, parkways, and trenches within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer. Note that the City will be responsible for snow removals on Owen Court. 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 for 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.

14. Dust Control

The Contractor shall be required to control dust or air-borne dirt resulting from construction operations throughout the duration of the project. Dust shall be controlled by the uniform application of sprinkled water from a water truck or chemical dust suppressants to exposed surfaces. Individual fire hydrant use shall not be permitted to control dust at specific locations. The Contractor shall provide dust control operations daily or as directed by the Engineer.

At the discretion of the Engineer, a street sweeper shall be utilized to clean pavement within or adjacent to the project limits.

The cost of this work shall be included in the unit prices bid and no additional compensation shall be allowed to control dust as specified herein.

15. Period of Establishment

This work shall include all labor, material, and equipment necessary to furnish and install pulverized topsoil, seed, fertilizer nutrients, wetland plant plugs, and sod in accordance with Sections 211, 250, 251, and 252 of the Standard Specifications and as specified herein.

Pulverized topsoil shall be placed to a maximum depth as outlined on the plans and not be placed until the area has been shaped, trimmed, and finished to the lines and grades as directed by the Engineer. All irregularities, depressions, or high points in the surface shall be filled or smoothed out before topsoil is placed. The surface of the topsoil shall be blended to match the existing terrain and adjacent roadway, and be free from clods, stones, sticks, and debris.

The Contractor shall furnish and place the IDOT class of sod and seed, and wetland plugs as specified, and be produced and tested in the current year, be of good quality, and free of weeds. In the seed and sod areas, fertilizer nutrients shall be applied at a 1:1 ratio in accordance with Article 250.04 of the Standard Specifications. Within 24 hours of seed placement, mulch shall be placed by method 3A in accordance with Article 251.03(d) of the Standard Specifications.

It is recommended that the Contractor water the area every other day at a rate of three (3) gallons per square yard, however, it is the sole and exclusive responsibility of the Contractor to make required adjustments to the watering rate or schedule.

To be acceptable for final payment, the landscaped areas shall undergo a 30-day period of establishment beginning on the last day that seed is sowed. During this period, the Contractor shall be responsible for, at no additional cost to the City, watering, removing weeds and maintaining the seeded areas and repairing any damage to the seeded areas due to but not limited to, errant vehicles, severe weather or all other causes. At the end of the 30-day period of establishment, the City or Engineer will inspect the landscaped area and if deemed unsatisfactory, the Contractor shall be required to provide means and methods necessary to establish a live, healthy turf area. Should the seed not germinate because of prevailing cool weather, the period of establishment may be adjusted as determined by the Engineer. It shall be the sole and exclusive responsibility of the Contractor, not the Engineer, for maintaining and monitoring the landscape restoration during the period of establishment. If the placed landscape restoration has not been approved by the City or Engineer sixty (60) calendar days following installation, the Contractor will incur a monetary penalty of \$250 per calendar day.

Upon project completion and expiration of the second period of establishment noted above, any additional failure by the Contractor to achieve a healthy growth of vegetation as defined will be considered failure to complete the project on time and liquidated damages will be applied accordingly.

Planting times shall be April 1 to June 15 and August 1 to November 1.

The Contractor shall provide the Engineer with proper documentation on the landscaping materials supplied to the project such as topsoil source, topsoil certification, fertilizer bags, seed tags, and seed bags.

The City may postpone permanent seeding operations if deemed necessary. In such an event, the completion date may be extended accordingly.

Please note that tree removals and plantings are proposed as part of this project. The limitations for tree removals shall adhere to the information outlined in the IDOT circulating letter 2022-28. Tree removal periods as outlined are November 1 through March 30. Any additional costs associated with demo sequencing to remove trees within the allotted time period shall not be paid extra, and shall be considered incidental to the various clearing and tree removal bid items.

16. Protection of Mailboxes

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

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

17. Saw Cutting

The Contractor shall be required to perform a perpendicularly straight joint by full-depth machine sawing of all proposed items to be removed prior to removal operations to prevent damage or spalling to existing hardscape to remain. Simple or partial depth scoring shall not be permitted. Saw cut locations may or may not be shown on the plans, however, shall be required in the field. All sawcut slurry, regardless of the amount, shall be promptly removed to prevent tracking. Any slurry tracked or left on surfaces to remain shall be thoroughly cleaned or replaced, at the direction of the City or Engineer, by the Contractor at no additional cost to the City.

All sawcut slurry, regardless of the amount, shall be promptly removed to prevent tracking. Any slurry tracked or left on surfaces to remain shall be thoroughly cleaned or replaced, at the direction of the City or Engineer, by the Contractor at no additional cost to the City. The Contractor shall replace, at no additional cost to the City, any hardscape, outside of the limit of improvements, damaged by the Contractor's operations due to neglect, misconduct, or poor workmanship.

This work shall consist of saw cutting existing pavement to a full depth, at the locations shown on the plans and/or as directed by the Engineer. The equipment used for saw cutting shall meet the requirements of Article 442.03 items (d) and (e) of the Standard Specifications. The saw cut shall yield a workable, neat, straight and perpendicular surface as an edge for new pavement placement, proposed curb and gutter or other such work. It shall be the Contractor's responsibility to determine the depth and composition of the existing pavement. The cost of such work is incidental to the contract.

18. Water Usage

Water will be available, at no cost, to the Contractor for all approved construction activities such as cleaning existing culverts, filling new mains, flushing, jetting of trenches, and washing of City streets. The City will make water available at the hydrant at 800 East Camp McDonald road only.

The Contractor must use a meter from the Building Department and/or an approved meter of his own, with backflow preventor, when using water from City hydrants. It is the Contractor's responsibility to measure (meter) the quantity of water used during construction operations. The quantity of water used in gallons, shall be reported to the City on a monthly basis. The cost of such work is incidental to the contract.

If the Contractor wishes to use Water from hydrants not owned by the City of Prospect Heights, it shall be the Contractor's responsibility to contact the appropriate municipality for information on water availability. Any fees associated with water usage from hydrants not owned by the City of Prospect Heights shall not be paid separately and shall be incidental to the contract.

19. Existing Hardscape

Any damage to existing hardscape from tracked equipment or due to the Contractor's negligence, workmanship, or neglect shall be replaced at the Contractor's expense. It is recommended rubber tired or rubber tracked equipment is used. Any unwarranted disturbance to the existing hardscape to remain will warrant repairs made joint to joint and in conformance with the bid documents with limits specified in the Maintenance Letter of Credit general condition. The Engineer and City shall determine the limit of removal and replacement operations, and all work shall be completed to the satisfaction of the Engineer.

20. Indemnification

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

For this project, the City also hired a Consultant, Gewalt Hamilton Associates. The Contractor shall indemnify the Consultant in the same manner as the City, as stated above.

The city has partnered with the Metropolitan Water Reclamation district (MWRD). The Contractor shall indemnify the MWRD in the same manner as the City, as stated above.

21. Public Notification

The City shall be responsible for notifying all businesses and property owners/occupants within the project limits to inform them of the project and provide them with any information deemed necessary for the successful performance of the contract and to inform them of any temporary sewer service disconnections. The Contractor shall inform the City of the project schedule in a timely fashion so the City can notify the public prior to construction commencing.

22. Red Line As-Builts

This work shall consist of supplying red line as-builts of the installed utility improvements including but not limited to as-built road grades at centerline, and edge of pavement at every 50' increment, curb and gutter grades at 25' increments, rim, inverts, sump depth elevations, and other proposed underground utilities as completed.

All elevations shall be recorded on the NAVD 88 datum, consistent with the plans. The as-builts shall be submitted to the City and the CCDOTH in red marked PDF file on the issued for construction drawings. The as-builts shall be submitted within 30 days of the project completion date.

As-builts with insufficient recorded information will be rejected. As-builts must be turned in with the Contractors notice of completion. Failure to submit as-builts with the notice of completion will begin to trigger liquidated damages after the project completion date or when working days have been exhausted. This work shall not be paid for separately but shall be considered included in the cost of the Contract.

23. Temporary Construction Fencing

This work shall include temporary fence as needed to protect the work zone from the public, protect existing features from disturbance and as needed based on the Contractor's sequence of operations. All work shall be in accordance with section 201 and 664 of the Standard Specifications and as specified herein.

The temporary fence required by the Contractor's operations shall be installed and maintained throughout the time the temporary fence is required. Any pits left open after work hours shall have a 6-foot-tall chain link fence installed around the opening that is secured from access by the public. Fences adjacent to roadways shall be adequately protected from traffic as outlined in the contract documents in accordance with the roadside safety guide published for local roadways in the State of Illinois.

The Contractor shall determine limits of temporary fence for protection of items within and adjacent to the right of way from the Contractor's operations. Any damage to existing features to remain due to the Contractor's operations shall be restored in kind to the satisfaction of the City. The cost of such work is incidental to the contract.

24. Temporary Facilities

This work shall consist of providing temporary facilities as needed during construction operations. The temporary facilities shall be approved by the City prior to mobilization to the project site and be in good working condition.

Portable facilities must at a minimum include portable washroom facilities and hand washing stations. All other facilities must be discussed at the pre-construction meeting for approval by the City.

The portable restroom and hand washing stations shall be serviced on a weekly basis or as determined necessary by the City. The location of such facilities shall be approved by the City prior to their delivery. The Contractor may be required to relocate these facilities throughout construction depending on the location of work taking place in order to ensure their proper use by construction personnel. In lieu of relocating the facilities, the Contractor may mobilize multiple facilities, the location of these facilities must be discussed prior to mobilizing to the site.

This work shall not be paid for separately but shall be considered included in the cost of the Contract.

Special Provisions

1. Porous Granular Embankment (Special)

This work shall include all labor, material, and equipment necessary to complete the furnishing, transporting, and placing porous granular material. For the purpose of this specification, the embankment may be above the original ground line. PGE materials are not permitted to be used below the water elevation, nor are they permitted past the edge of the water way. All work shall be in accordance with Section 207 of the Standard specification and as specified herein.

Material shall meet the gradation and material requirements of porous granular embankment in the Standard Specification. The aggregate shall be placed in 6-inch lifts, loose measurement, and compacted in a manner approved by the Engineer, except that if the desired results are being obtained, the compacted thickness of any lift may be increased to a maximum of 8-inch. The PGE shall be capped with a 6" lift of fine aggregate meeting the gradation requirements as outlined in the standard specifications, to an elevation below HMA layers. The cost of the 6" capping stone preparation, and final grading shall be included in this item.

The material used for the capping stone shall be exclusively IDOT certified Class B coarse aggregate material meeting the gradation of CA-6 in accordance with Section 1004 of the Standard Specifications. Mixing of aggregate from multiple sources is strictly prohibited. If it is determined that a different source is required for any reason, the new material must be approved by the Engineer prior to delivery or placement and shall occur roadway to roadway. Crushed concrete may not be used for roadway base course or aggregate base repair. At the direction of the Engineer, crushed concrete may be used for driveway and sidewalk subbase granular material but shall be supplied from an IDOT approved source and material.

All aggregate shall be compacted to 95% modified proctor density conforming to ASTM D-1557 or AASHTO T-180.

This work will be paid for at the contract unit price per cubic yard (CY) for POROUS GRANULAR EMBANKMENT (SPECIAL) and shall include all labor, material, and equipment required to complete the work as specified herein.

2. Porous Granular Embankment - Clean CA-1 (Special)

This work shall include all labor, material, and equipment necessary to complete the furnishing, transporting, and placing of porous granular material. For the purpose of this specification, the clean CA-1 stone will be used for road subgrade proposed below the water elevation. All work shall be in accordance with Section 207 of the Standard specification and as specified herein.

Material shall meet the gradation and material requirements of CA01 stone as outlined in Standard Specification. The aggregate shall be placed in 6-inch lifts, loose measurement, and compacted in a manner approved by the Engineer, except that if the desired results are being obtained, the compacted thickness of any lift may be increased to a maximum of 8-inch.

The Contractor will be required to add fill material and regrade the roadway subgrade, including side slopes, as needed to account for any settlement that may have occurred. Any additional materials will be paid for at the contract unit bid prices.

This work will be paid for at the contract unit price per cubic yard (CY) for POROUS GRANULAR EMBANKMENT - CLEAN CA01 (SPECIAL) and shall include all labor, material, and equipment required to complete the work as specified herein.

3. Stone Riprap, Class B3 (Special)

This work shall include all labor, material and equipment necessary to furnishing, transporting and place a protective coarse stone laid as riprap at locations shown on the plans and as directed by the Engineer. This work will also include the installation of the required base stone bedding material and filter fabric. All filter fabric installation shall be in accordance with section 282 of the Standard Specification. This work shall be in accordance with Section 281 and 282 of the Standard Specification and as specified herein.

The material used for riprap shall be stone conforming to Quality Designation A of Article 1005.01 of the Standard Specification. The riprap gradation shall follow the table outlined in the plan set and as outlined in the Standard Specification. Prior to ordering materials, the Contractor shall submit a shop drawing outlining the gradation for review and approval. One complete layer of riprap shall be placed. The Contractor shall make an effort to place the rip mixture evenly throughout the riprap placement area, except near the toe where the riprap mixture shall include more larger stones than smaller.

Foundation preparation and placing shall be done in accordance with Article 281.03 and 281.04 of the Standard Specifications.

This work will be measured and paid for at the contract unit price for square yard (SY) for STONE RIPRAP (SPECIAL) and shall include all labor, material, and equipment required to complete the work as specified herein.

4. Driveway Pavement Removal (Special)

This work shall consist of the complete removal of existing HMA driveway pavement in preparation for subsequent resurfacing. All work shall be in accordance with Section 440 of the Standard specification and as specified herein.

The Contractor may choose to utilize the materials resulting from the removal of existing pavement as pulverized material. This work shall include saw cuts, HMA pavement layer removal, and placing the HMA in the road to be pulverized. If the Contractors sequencing does not allow for the existing driveway pavement to be pulverized, the driveway pavement shall be disposed of in accordance with Article 202.03 of the Standard Specification, at no additional cost.

This work shall be paid for at the contract unit price per square yard (SY) for DRIVEWAY PAVEMENT REMOVAL (SPECIAL) and shall include all labor material and equipment necessary to perform the work as specified herein.

5. Aggregate Shoulders, Type B 6"

This work shall consist of furnishing, placing, shaping, and compacting aggregate on a prepared subgrade adjacent to the edges of the completed pavement structure or stabilized shoulder. All work shall be in accordance with section 481 of the Standard Specifications and as specified herein.

Materials shall be in accordance with section 1004.04 of the Standard Specification. Reclaimed asphalt pavement (RAP) may be used as aggregate.

Equipment shall be according to the standards outlined in section 1101.01 of the Standard Specification.

The subgrade shall be prepared in a manner approved by the Engineer. Prior to being placed on the subgrade, the aggregate shall contain sufficient moisture to provide satisfactory compaction. For Type A shoulders, the water and aggregate shall be mixed through a controlled aggregate mixing system. The system shall consist of a mechanical mixing device and aggregate and water measuring devices, meeting the approval of the Engineer. Wetting the aggregate in cars, bins, stockpiles, or trucks will not be permitted.

The shoulders shall be constructed in lifts of not more than 6 inches thick when compacted, except that if tests indicate the desired results are being obtained, the compacted thickness of any lift may be increased to a maximum of 8 inches. The aggregate shall be placed with a spreader.

Each lift of material shall be compacted with a tamping roller, a pneumatic-tired roller, a vibratory machine, or a combination of any of the three, until the compaction has been approved by the Engineer. If the moisture content of the material is not such as to permit satisfactory compaction during the compacting operations, water shall be added in such quantity that satisfactory compaction can be obtained. The top lift shall be given a final rolling with a three-wheel or tandem roller. If any subgrade material is worked into the aggregate during the compacting or finishing operation, all granular material within the affected area shall be removed and replaced with new aggregate.

The shoulders shall be constructed to the thicknesses shown on the plans. Thickness determinations shall be made at such points as the Engineer may select. When the constructed thicknesses are less than 90 percent of the thicknesses shown on the plans, aggregate shall be added to obtain the required thicknesses; however, the surface elevation of the completed shoulders shall not exceed by more than 1/8 inches. the surface elevation shown on the plans or authorized by the Engineer.

Prior to placing the aggregate wedge shoulder, Type B, the weeds and grass on the area to be covered shall be cut. The aggregate shall be deposited in its final position with a spreader and compacted to the satisfaction of the Engineer. If the moisture content of the aggregate is not such as to permit satisfactory compaction during the rolling operations, water shall be added in such quantity that satisfactory compaction can be obtained.

This work shall be measured in place and paid for at the contract unit price per square yard (SY) for AGGREGATE SHOULDERS, TYPE B 6" which shall include all labor, materials, and equipment necessary to complete the work as specified.

6. Cofferdam – Owen Court (Special)

This work shall include all labor, material, and equipment necessary to furnish, install and construct a temporary cofferdam as outlined on the plans in accordance with Sections 502 of the Standard Specifications and as specified herein.

The cofferdam shall be installed at the locations shown on the plans during work to install the road subgrade and storm culverts in the work area. The cofferdam shall block flow from the waterways as necessary to complete the work. The Contractor shall be required to handle all flow during construction by a method approved by the Engineer. Prior to constructing the cofferdam, the Contractor shall submit an in-stream work plan and dewatering plan which includes; cofferdam construction materials, cofferdam limits, installation methods, cofferdam maintenance, cofferdam sequencing plan, pumping plan, The Contractor shall also include manufacturer information on the any inflatable bladder system, if used. All work associated with cofferdam construction, removal, pumping operations, and flow control at the cofferdam, including flow handling, shall be included in the cost of the cofferdam and shall not be paid separately.

This work shall be paid for at the contract unit price per lump sum (LS) for COFFERDAM – at the location specified (SPECIAL) and shall include all labor material and equipment necessary to perform the work as specified herein.

7. Full Depth Reclamation, 10.0"

This work shall consist of pulverizing and mixing the existing hot-mix asphalt pavement, various bituminous asphalt layers and the aggregate material to a specified depth and gradation by a self-propelled reclaimer. The pulverized

material shall be used as the aggregate subgrade for proposed hot-mix asphalt binder and surface courses and will be shaped by a motor grader to the grades, slopes and widths as shown in the contract documents and as directed by the engineer.

All equipment shall be according to Section 1101 of the Standard Specifications.

The self-propelled reclaimer shall be capable of fully pulverizing and mixing the existing pavement to the width and depth as shown on the approved plans / specifications. The self-propelled reclaimer shall be capable of reclaiming up to 12-inches (305 mm) deep in a single pass. Equipment such as road planers or cold milling machines designed to mill or shred the existing bituminous concrete, rather than crush or fracture it, shall not be allowed.

Subgrade preparation equipment shall meet the requirements of Article 301.02, Article 311.03, Article 351.03 and Article 358.03 of the Standard Specifications.

The final pulverized material shall be compacted to not less than 95% of the standard laboratory density. The pulverizing shall continue until the material meets the gradation of CA-6, or to the satisfaction of the Engineer. The Engineer shall be the sole judge as to when the pulverization process is complete.

No compensation will be made for pulverization outside said limits, nor will any compensation be made for any restoration or grading work outside said limits if, in the opinion of the Engineer, this extra work is the result of pulverization work performed outside said limits without approval of the Engineer.

This work shall consist of pulverizing and mixing the existing hot-mix asphalt pavement, various bituminous asphalt layers and the aggregate material to a specified depth by the self-propelled reclaimer and/or shaped by the motor grader to the grades, slopes and widths as shown in the contract documents and as directed by the engineer. The pulverized and shaped material shall be compacted immediately following the self-propelled reclaimer to support equipment and/or traffic. The mixture shall be of the specified gradation, and shall include re-spreading, re-shaping and re-compaction of the mixture to the grades, slopes and widths as shown on the approved plan and to the specified density.

Subgrade soils shall not be mixed with the pulverized bituminous materials and/or aggregate base. At the Engineer's discretion, the Contractor shall periodically remove the pulverized material to the subgrade and demonstrate that the pulverized material has not been contaminated.

The breakdown roller shall be 500 ft (150 m) or less behind all self-propelled reclaimer units. The recycled material shall be compacted by the padfoot roller or the pneumatic-tired roller, applying high amplitude and low frequency. No significant wheel impressions shall be left on the surface.

After completion of breakdown rolling, the motor grader shall be used to cut the pulverized material no deeper than necessary to remove breakdown roller marks from the initial compaction and to achieve desired cross slope.

The bladed pulverized material shall be compacted by the intermediate and final rollers. The number of passes and order of rollers may be altered, if necessary, by the Engineer to meet compaction requirements. In an effort to minimize roller marks, finish rolling shall not be done in vibratory mode. Water may be lightly sprayed by a water truck to aid in improving final density and appearance.

After the pavement section is pulverized, rolled and shaped, the prepared pulverized material shall be proof rolled with a fully-loaded six-wheel dump truck; witnessed by the Engineer. If permanent deformation does not occur, moving traffic may be allowed on the pulverized aggregate subbase. If permanent deformation greater than $\frac{1}{4}$ " (6 mm) is observed then moving traffic shall be kept off the subbase until the material has been repaired or is firm enough to support the traffic with minimal deflection.

At the completion of each working day, the pulverized material shall be graded to the Engineer's satisfaction to provide transitions between the pulverized material and the adjoining existing pavement to facilitate the maintenance of traffic through the work area.

On Owen Court, the Contractor shall complete pulverization operations as described above no more than 3 calendar days prior to placing the proposed HMA binder course.

This work shall be measured in place and paid for at the contract unit price per square yard (SY) for FULL-DEPTH RECLAMATION, 10.0", which shall include all labor, equipment, and materials required to complete the work as specified herein.

8. Exploratory Excavation (Special)

This work shall include all labor, material, and equipment necessary to excavate an exploratory trench as directed by the Engineer and as specified herein.

Exploration excavations shall be completed as required to locate existing utility facilities within the proposed project limits. The excavation shall not be less than 48 inches in depth and the width shall be sufficient to allow proper investigation of the entire trench length. The Contractor shall not be paid this item without prior approval from the Engineer.

The excavation shall be backfilled in accordance with Section 208 of the Standard Specifications or as directed by the Engineer. Surplus excavated material shall be disposed of off-site according to Article 202.03 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per each (EA) for EXPLORATION EXCAVATION (SPECIAL) and shall include all labor, material, and equipment required to complete the work as specified herein.

9. Clearing and Grubbing

This work shall include all labor, material, and equipment necessary to complete site clearing and grubbing operations, including removal of all brush, as outlined on the plans in accordance with Sections 201 of the Standard Specifications and as specified herein.

Work under this item shall consist of clearing and grubbing all brush, landscaping and trees smaller than 6" from the site. Clearing shall consist of the cutting and removal of all trees, stumps, brush, logs, hedges, the removal of fences and other loose or projecting material from the designated areas, including stockpile locations, and other work areas that access is required to complete the work. Clearing shall also include the removal and disposal of existing riprap and rock areas as outlined on the plans.

This work shall be paid for at the contract unit price per lump sum (LS) for CLEARING AND GRUBBING and shall include all labor, material, and equipment required to complete the work as specified herein.

10. Grading and Shaping Ditches (Special)

This work shall include all labor, material, and equipment necessary to grade and shape ditches as shown on the plans in accordance with section 214 of Standard Specifications and as specified herein.

All surplus, unsuitable, and unstable materials shall be disposed of according to Article 202.03. All costs associated with material disposal shall be included in the cost for GRADING AND SHAPING DITCHES (SPECIAL).

Ditches constructed on Owen Court can be V-shaped ditches. The ditches shall be constructed at the locations shown on the plans, and have a minimum slope of 0.5%.

The work will be measured in place and paid for at the contract unit price per foot (FT) for GRADING AND SHAPING DITCHES (SPECIAL) and shall include all labor material and equipment necessary to perform the work as specified herein.

11. Temporary Access (Private Entrance)

This work shall consist of furnishing and constructing temporary aggregate driveways to maintain ingress and egress to all abutting properties during construction operations.

The aggregate shall meet the requirements of Article 1004.04 of the Standard Specifications except that the aggregate material shall be limited to crushed gravel, crushed stone or crushed concrete. The plasticity index requirements and the requirement to add water at the central mixing plant will be waived. Pulverized materials shall also be acceptable if properly prepared and maintained.

The work shall be performed according to Article 402.10 of the Standard Specifications and the following:

The Contractor shall construct and maintain aggregate surface course for temporary access to private entrances, commercial entrances and roads according to Article 402.07 and as directed by the Engineer.

The aggregate surface course shall be constructed to the dimensions and grades specified below, except as modified by the plans or as directed by the Engineer.

- (a) Private Entrance. The minimum width shall be 12 ft (3.6 m). The minimum compacted thickness shall be 6 in. (150 mm). The maximum grade shall be eight percent, except as required to match the existing grade.
- (b) Commercial Entrance. The minimum width shall be 24 ft (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The maximum grade shall be six percent, except as required to match the existing grade.

Each temporary access shall be constructed to dimensions determined by the Engineer.

After the temporary aggregate access has served its purpose, the aggregate shall be removed, unless it suitable for subbase material. Suitable aggregate may be utilized for another purpose, such as embankment construction or driveway apron construction, with the approval of the Engineer.

Aggregate not reused, shall be removed and disposed of outside the right-of-way according to Article 202.03 of the Standard Specifications.

Maintaining the temporary access shall include relocating and/or regrading the aggregate surface course for any operation that may disturb or remove the temporary access. The same type and gradation of material used to construct the temporary access shall be used to maintain it.

When use of the temporary access is discontinued, the aggregate shall be removed and utilized in the permanent construction or disposed of according to Article 202.03.”

Add the following to Article 402.12 of the Standard Specifications:

“Aggregate surface course for temporary access will be measured for payment as each for every private entrance, commercial entrance or road constructed for the purpose of temporary access. If a residential drive, commercial entrance, or road is to be constructed under multiple stages, the aggregate needed to construct the second or subsequent stages will not be measured for payment but shall be included in the cost per each of the type specified.”

Partial payment of the each amount bid for temporary access, of the type specified, will be paid according to the following schedule:

- (a) Upon construction of the temporary access, sixty percent of the contract unit price per each, of the type constructed, will be paid.
- (b) Subject to the approval of the Engineer for the adequate maintenance and removal of the temporary access, the remaining forty percent of the pay item will be paid upon the permanent removal of the temporary access.”

This work will be paid for at the contract unit price per each (EA) for TEMPORARY ACCESS (PRIVATE ENTRANCE) and shall include all labor material and equipment necessary to perform the work as specified herein.

12. Aggregate Shoulder Removal

This work shall include all labor, material, and equipment required to remove and properly haul and dispose of the existing aggregate shoulders, as outlined in the plans. Removal shall include the entire depth of the existing gravel shoulder up to the depth of the proposed shoulder, including any foundation. All work shall be in accordance with Section 440 and 481 of the Standard specification and as specified herein.

This work shall be measured in place and paid for at the contract unit price per square yard (SY) for AGGREGATE SHOULDER REMOVAL and shall include all labor, material, and equipment required to complete the work as specified herein.

13. Traffic Control and Protection (Special)

Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these special provisions, and any special details and Highway Standards herein and in the plans, if applicable, and the Standard Specifications for Traffic Control Items. Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

Delays to the Contractor caused by complying with these requirements will be considered included in the cost of the contract, and no additional compensation will be allowed.

This work shall consist of the furnishing, installation, maintenance, relocation, and removal of all work zone traffic control devices as required to complete the work in accordance with Sections 701 and 702 of the Standard Specifications, and as specified herein.

No parking of vehicles or equipment is allowed on any private roadway.

At the preconstruction meeting, the Contractor shall provide the Engineer a proposed plan for traffic control and protection throughout the duration of the project. The proposal shall include “Road Construction Ahead” signs at the

beginning, end and all adjacent roadways to the project, as well as any other required project signing information.

The Contractor shall be responsible for keeping vehicles off the streets as needed for the project. The Contractor shall install and maintain temporary signs in the parkway twenty-four (24) hours prior to starting work on each street. The signs shall read "NO PARKING 7:00 A.M. – 7:00 P.M." or similar and state the day or days of the week work will be done. Immediately following each stage of work on each street, the Contractor shall remove the signs and reinstall them as needed.

During major construction on Owen Court, it is understood that sections of the road will need to be shut down to complete the road raise operations. Road closures shall be agreed upon prior to closing the road. Project sequencing information has been included for the Contractor's use in this specification. The Contractor shall ensure that resident access shall be maintained on Owen Court at all times.

At the preconstruction meeting, the Contractor shall furnish the name of the individual in their direct employ who is to be responsible for the installation and maintenance of the traffic control for this project. If the actual installation and maintenance are to be accomplished by a subcontractor, consent shall be requested of the Engineer at the time of the preconstruction meeting in accordance with Article 108.01 of the Standard Specifications. This shall not relieve the Contractor of the requirement to have a responsible individual in his direct employ supervise the work.

This work will not be paid for separately but shall be included in the unit bid price for Traffic Control and Protection (Special). Price shall include all equipment, labor, materials, transportation, handling and incidentals necessary to propose, furnish, install, maintain, replace, relocate and remove all traffic control devices dictated by the work.

Delays to the Contractor caused by complying with these requirements will be considered included in the cost of the contract, and no additional compensation will be allowed.

Standards

701001, 701006, 701502, 701101, 701301, 701501, 701601, 707701, 7081801, 701901, 704001, 720006, 7280001, 731001

Details

TC-10 Traffic Control and Protection for Side Roads, Intersections and Driveways

Special Provisions

Traffic Control and Protection, Owen Court (Special)

Traffic Control and Protection, Compensatory Storage Area (Special)

Any additional traffic control devices required for road closures per the Contractor's request shall not be paid for separately but shall be included in the cost of the contract.

No roads or segments shall be closed, outside of what has been outlined on the plan set. If the Contractor believes a road will need to be closed to perform the work, the Contractor shall present to the City and Engineer a detour plan with a detailed description addressing how resident access will be maintained and all applicable signage. Submittal of a road closure request to the Engineer does not guarantee approval. Any additional traffic control devices required for road closures per the Contractor's request shall not be paid for separately but shall be included in the cost of the contract.

The Contractor shall comply with the following project traffic control rules during the duration of the project:

1. Segmented road closures on Owen Court shall be allowed to complete the road raise. No full road closures of any segment shall be allowed unless outlined in this sequencing plan and approved by the Engineer.
2. Segmental road closures on Owen Court shall be allowed during the working times of 8AM and 4PM. The road must be re-opened at the end of each working day. The condition of the road must be acceptable to

allow local traffic to access their homes. Acceptable road conditions to re-open a road area aggregates caps, binder, or final pavement only.

3. During segmented road closures on Owen Court, the Contractor shall be responsible for signage to route traffic to these temporary parking areas and detouring traffic to temporary local traffic parking areas. These areas shall utilize the roads outside the direct work areas.
4. In areas outside segmented road closures on Owen Court, access to private driveways shall be kept at all times.
5. During all milling operations, one lane of traffic shall be kept open at all times.
6. Binder shall not be exposed for a period longer than seven (7) days.
7. If suggested sequencing is not followed, any additional costs associated with temporary items shall be at the Contractors expense.

Work on Private Property

All work on the Prospect Heights Park District and Our Redeemer Lutheran Church will require constant communication between the Contractor, the City, the Park District, and Our Redeemer Lutheran Church. All coordination meetings, signage, and other items deemed necessary for safe operation of the church and the Park District during construction activities shall be implemented and maintained throughout the course of construction.

The following provisions shall apply for the work being completed on the church:

- The Contractor shall coordinate with Our Redeemer Lutheran Church to keep access open as necessary.
- All construction access must be restricted to Palatine Road entrances.
- All disturbed areas shall be restored to a condition at or better than existing.
- All construction on both properties must be completed by the substantial and final completion dates as outlined in this specification.

Sequencing of Major Activities

The following recommended sequencing shall serve the purposes only as a general outline for the Contractor to use to complete their detailed construction schedule, for the work associated with the road on Owen Court. All changes or revisions shall be approved by the Engineer before work is expected to commence.

1. Place temporary information signs seven (7) calendar days prior to construction commencement on each respective street segment.
2. Furnish and install erosion and sediment control devices, including silt fence, silt curtain and inlet filter baskets, pipe protection, and other devices as needed. Erosion control devices shall be installed at each respective street prior to the start of any construction activities. The Contractor shall also deliver to the site any dewatering bags and polymers required for the work.
3. Furnish and install cofferdam and dewatering equipment.
4. Furnish and install tree protection or root pruning as shown on the plans or as marked by the Engineer.
5. Place temporary traffic control and protection measures.
6. Perform road construction as outlined in the "Road Construction Sequencing Notes" below.
7. Construct ditches.
8. Temporarily stabilize the construction area and perform restoration.
9. Permanently stabilize the construction area.
10. Complete all general landscape restoration.
11. Perform street sweeping operations within the project limits and adjacent roadways.
12. Remove temporary traffic control and protection measures.

13. Remove temporary erosion control measures and tree protection fencing once vegetation has been established.

Road Construction Sequencing Notes:

The following recommended sequencing shall serve the purposes only as a general outline for the contractor to use to complete their detailed construction schedule. The Contractor shall secure site segments as necessary during work. Any and all changes or revisions shall be approved by the Engineer before work is expected to commence. Owen Court shall remain open at all times to residents throughout construction. All project staging shall be completed to allow resident access at all times.

- **Compensatory Storage Area**
 - Install construction access area
 - Complete required earth excavation
 - Complete final grading
 - Complete resurfacing area mill and overlay operations

- **Owen Court**
 - Demo/pulverize existing pavement and driveways
 - Provide temporary driveway access as needed for affected residents
 - Complete required earth excavation/undercuts for road widening and subgrade improvements
 - Complete roadway and shoulder subgrade improvements
 - Place PGE in lifts and rough grade
 - Place Embankment fill and rough grade
 - Complete storm culvert installation
 - Complete final grading
 - Complete resurfacing area mill and overlay operations
 - Install final road and shoulder pavement and aggregate shoulders
 - Install steel plate beam guardrail

14. Mailbox Removal and Reinstallation

This work shall include all labor, material, and equipment required to remove and re-install existing mailboxes that interfere with project construction, as outlined on the plans and as directed by the Engineer.

The Contractor shall remove and properly store the mailboxes so that they are not damaged, as approved by the Engineer. The Mailboxes shall be installed in kind, at the new locations as shown on the plans, or as directed by the Engineer.

If a new post is required, the relocated mailbox shall be installed on a new 4" x 4" square or 4½" diameter round treated wood post. The new post shall be embedded no more than 24" into the ground. The resulting hole shall be backfilled with a suitable excavated material, approved by the Engineer.

The existing post shall be removed and disposed of according to the requirements of Article 202.03 of the Standard Specifications. The hole for the existing post shall be backfilled and the area restored.

This work shall be measured in place and paid for at the contract unit price per each (EA) for MAILBOX REMOVAL AND REINSTALLATION and shall include all labor material and equipment necessary to perform the work as specified herein.'

15. Hot-Mix Asphalt Driveway Pavement, 3"

This work shall include all labor, material, and equipment necessary to install 3 inches of HMA driveway pavement in accordance with the plans and details. If the existing driveway is thicker than 3 inches, the new apron should match the existing thickness.

The Contractor may choose to sawcut driveway, remove the asphalt driveway layers and pulverize the asphalt in the road. No pulverization within the driveway limits will be permitted. The Contractor may utilize pulverized materials up to 3" thick as base for new driveway pavement. Any additional earth excavation or CA-6 backfill required, as determined by the Engineer, shall be included in the cost of this item. The cost increase shall be included in the price of this item.

Quality Control & Quality Assurance (QA/QC) required for Hot-Mix Asphalt shall be in accordance with Section 1030.05 of the Standard Specifications. A QC plan is required for Hot-Mix Asphalt.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" and shall include all labor material and equipment necessary to perform the work as specified herein.

16. Sediment Control, Silt Curtain (Special)

This work shall include all labor, material, and equipment necessary to furnish, install, maintain, and remove a temporary silt curtain as designated on the plans. The work shall include the installation and maintenance of the anchored silt curtain.

The silt curtain shall not be installed perpendicular to the flow of the waterways and shall be installed in accordance with the manufacturer's recommendations, in a manner to prevent drift towards the shore. The bottom of the silt curtains shall be weighed to prevent drift. The silt curtain shall be placed beyond the limits of construction and within the owner's property. The Contractor shall refer to the details provided in the plans for further information.

This work will be measured and paid for at the contract unit price for each (EA) for SEDIMENT CONTROL SILT CURTAIN, SPECIAL which shall include all labor, materials, and equipment necessary to complete the work as specified.

17. Stabilized Construction Entrance (Special)

This work shall include all labor, material, and equipment necessary to install, maintain, repair, and improve a stabilized construction entrance and construction road as necessary on the project sites during construction operations as outlined in the details and plans, and as approved by the Engineer. All work shall be in accordance with Section 402 of the Standard specification and as specified herein.

Construction activities and site access shall be limited to the areas and boundaries shown on the plans. Additional areas or adjustments to these boundaries will require approval by the Owner and Engineer.

Payment for this item shall be at the contract lump sum (LS) for STABILIZED CONSTRUCTION ENTRANCE (SPECIAL), which price shall include all labor, materials, and equipment required to complete the work as specified herein.

18. Remove and Relocate Sign Panel and Pole Assembly

This work shall include all labor, material, and equipment necessary to remove, store, and re-erect existing regulatory and warning sign panel assembly and posts in accordance with Section 724 of the Standard Specifications and as specified herein.

The Contractor shall store the existing sign panel assembly and post in a location that won't promote vandalism or theft. The Contractor shall replace, at no additional cost to the Owner, any sign panel assembly or post which has been vandalized, stolen or damaged due to neglect, misconduct or poor workmanship.

The sign panel assembly and post shall be installed by a method approved by the Engineer and in accordance with application sections of the Manual on Uniform Traffic Control Devices. Construction equipment such as a backhoe or skid steer shall not be used to drive posts into the ground.

This work will be measured in place and paid for at the contract unit price per each (EA) for REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY and shall include all labor, material, and equipment required to complete the work as specified herein.

19. Wetland Plant Seed Mix (Special)

This work shall include all labor, material and equipment necessary to complete landscape restoration in accordance with Sections 211, 250, 251 and 252 of the Standard Specifications, the specifications as outlined in the Period of Establishment section of the General Conditions, and as specified herein.

Prior to starting work, the Contractor shall submit the following:

- Copy of current certification that the landscape Contractor is an Illinois Certified Nursery Dealer, Grower or approved equivalent specializing in landscape installation.
- All plant materials shall comply with State and Federal laws with respect to inspection for plant disease infestation. Inspection certificates and permits required by law to this effect shall accompany each shipment, invoice, or order of stock. File each certificate or permit, upon arrival with Engineer.
- Proposed planting schedule in compliance with the specified planting dates. Any revisions to this schedule must be approved by the Engineer.

Seed mix special provision shall include final grading, the furnishing and installation of seeds of the mixes specified details and seed lists in the plan set.

Within the areas marked for wetland plant seed mix seeds shall be placed as outlined in the Standard Specification for Bridge and Roadway Construction. The intent is to have a diverse mix of the listed species throughout the entire planting area.

Erosion control blanket shall be laid prior to planting, and planting openings shall be created as plugs are planted. Seeds shall be evenly distributed throughout planting to minimize similar species clumped together. Seeds shall be planted so that the top of the soil of plug is flush with the level of soil mix grade. The topsoil shall be placed around the plugs and firmed into place. The area surrounding the plugs shall be thoroughly watered until the soil is moist to a depth of 6-inches. Final acceptance of the restoration shall depend on full growth of the areas where seeds are installed. Full growth shall be defined as plugged plants to height of 12" (or individual species's mature height, if less than 12" height), and for seeded areas, newly germinated plants shall establish a coverage of not less than 50% of ground plane. The cost for producing full growth in the seeded/plugged areas shall be incidental to the seed mix or seeding bid items.

Furnishing and placing topsoil and erosion control blanket shall be paid under separate bid items. Seed mixes shall follow palettes as outlined in the plans.

This work will be measured in place and paid for at the contract unit price per each (EA) for WETLAND PLANT SEED MIX, SLOPED PRAIRIE SEED MIX (SPECIAL) and WETLAND PLANT SEED MIX, CREEKSIDE MEADOW SEED MIX (SPECIAL) of the Palette outlined, and shall include all labor, material, and equipment required to complete the work as specified herein.

20. Tree Installation

This work shall consist of furnishing, delivering, and planting a tree in locations designated by the Engineer and in accordance with Section 253 of the Standard Specifications and as specified herein, in accordance with the tree planting detail in the engineering plan set.

Prior to starting work, the Contractor shall submit the following:

- List of plant sources (nurseries) for specified plants, minimum of 7 days before delivery to site.
- Qualification data for landscape installer including 3 references for similar size projects, including references' contact information.
- Proposed planting schedule, which should be limited to the following periods: April 1- June 15 and September 1-November 15. Any deviation to this schedule must be approved by the Engineer or Landscape Architect, 7 days prior to work taking place.

All plant materials shall comply with plant standards set forth in ANSI Z60.1 (2014). This includes but is not limited to the plant sizes, required plant height in relation to plant caliper, and size of root ball or container for each particular size plant proposed within these construction documents.

Engineer or Landscape Architect reserves the right to observe the trees either at place of growth or at project site, before planting for compliance with requirements for genus, species, variety, size, and quality. Also, the condition and health of plants may be observed, and Engineer/Landscape Architect reserves the right to reject unsatisfactory or defective plant material at any time during process of work.

This work will be measured in place and paid for at the contract unit price per each (EA) for TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2-1/2" CALIPER, BALLED & BURLAPPED, TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2-1/2" CALIPER, BALLED AND BURLAPPED, TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 3" CALIPER, BALLED & BURLAPPED and shall include all labor, material, and equipment required to complete the work as specified herein.

21. CCDD Non-Compliant Material Disposal

This work shall consist of the transportation and proper disposal of regulated substances. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their contents and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities. All work shall be performed in accordance with section 669 of the Standard Specification and as specified herein.

The Contractor shall notify the Engineer of the delivery of all excavation, storage, and transportation equipment to a work area location. The equipment shall comply with OSHA and American Petroleum Institute (API) guidelines and shall be furnished in a clean condition. Clean condition means the equipment does not contain any residual material

classified as a non-special waste, non-hazardous special waste, or hazardous waste. Residual materials include, but are not limited to, petroleum products, chemical products, sludges, or any other material present in or on equipment.

Before beginning any associated soil or groundwater management activity, the Contractor shall provide the Engineer with the opportunity to visually inspect and approve the equipment. If the equipment contains any contaminated residual material, decontamination shall be performed on the equipment as appropriate to the regulated substance and degree of contamination present according to OSHA and API guidelines. All cleaning fluids used shall be treated as the contaminant unless laboratory testing proves otherwise.

This work shall be measured in place and paid for at the contract unit price per cubic yard (CY) for CCDD NON COMPLIANT MATERIAL DISPOSAL and shall include all labor, material, and equipment required to complete the work as specified herein.

22. Coir Log (Special)

This work shall include the installation, maintenance, and removal of coir logs. This work shall be in accordance with section 280 of the Standard specification and as specified herein.

Coir logs shall be installed as outlined on the native plug detail, and as required by the Engineer. Coir logs shall be installed prior to the native plug plantings. Additional coir logs as needed based on the contractors operations shall be installed to prevent sediment from leaving the construction areas as determined necessary by the Engineer.

All installed erosion control items shall be in proper working condition and any repairs as deemed necessary by the Engineer shall be performed within two working days.

Following establishment of all vegetation temporary erosion control measures shall be removed and disposed of offsite. Any additional disturbance from removal of the temporary erosion control measures shall be restored in accordance with the restoration requirements listed in the contract. The additional restoration will not be paid for separately but shall be included in the cost of the erosion control item that is being removed.

This work shall be measured in place and paid for at the contract unit price per foot (FT) for COIR LOG (SPECIAL) and shall include all labor, material, and equipment required to complete the work as specified herein.

23. Storm Culvert, 12" (Special)

This work shall consist of furnishing all materials, equipment and labor for excavation, dewatering, pumping, bedding, bracing, laying and backfilling for the respective diameter storm culverts as shown on the plan documents. All the sewers and the manholes to be constructed shall be installed in open cut trenches, at locations as shown on the plans and to the depths, grades and invert elevations of the pipes and structures as shown on the improvement plans. All work shall be completed in in accordance with Sections 550 of the Standard Specifications and the Standard Specification for Water and Sewer Constriction in Illinois as specified herein.

Construction Requirements: Storm sewer installation for this project shall include the following:

- Handling and unloading materials
- Trench and bedding preparation
- Trench backfill and compaction
- Any required shoring or bracing
- Flow handling
- Protection and support of existing utilities

This work will be paid for at the contract unit price per foot (FT) for STORM CULVERT, 12" and shall include all labor, material, and equipment required to complete the work as specified herein.



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, CHICAGO DISTRICT
231 SOUTH LA SALLE STREET, SUITE 1500
CHICAGO IL 60604-1437

August 14, 2023

Regulatory Branch (LRC-2022-00695)

SUBJECT: No Permit Required (NPR) Letter for the Excavation a Stormwater Detention Basin in the Open Land West of McDonald Creek (Also Known As "Area 1") Northeast of the Intersection of West Palatine Road and North Elmhurst Road, Prospect Heights, Cook County, Illinois (Latitude 42.102409, Longitude -87.931992)

Joe Wade
City of Prospect Heights
8 North Elmhurst Road
Prospect Heights, Illinois 60070

Dear Mr. Wade:

The U.S. Army Corps of Engineers, Chicago District, has completed its review of your July 14th, 2023 request that the U.S. Army Corps of Engineers issue a NPR Letter for the above-referenced activity. The subject project has been assigned number LRC-2022-00695. Please reference this number in all future correspondence concerning this project.

Following a review of the information you furnished to this office and assuming your project is conducted only as set forth as described above and shown in the enclosed plans received July 14th, 2023, prepared by Gewalt Hamilton Associates, Inc., this office has determined that your proposed activity will not result in a discharge of dredged or fill material into waters of the United States. Therefore, your proposed activity does not require a Department of the Army (DA) permit to complete the proposed work. Please be aware that any unpermitted discharge into an area within the jurisdiction of this office may result in civil or criminal enforcement under the Clean Water Act, 33 U.S.C. 1319.

It is your responsibility to obtain any required state, county, or local approvals for impacts to wetland areas not under the Department of the Army jurisdiction. For projects in incorporated areas of Cook County, contact the authorized municipality for information related to the Watershed Management Ordinance.

This determination is valid for a period of 5 years from the date of this letter unless new information warrants revision of the determination before the expiration date or a District Commander has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis. Further, this determination covers only your project as depicted in the plans and/or reports cited in this letter. We recommend implementing appropriate soil erosion and sediment controls (SESC) measures at the project site to prevent construction materials from entering downstream locations. Due to the project's proximity to aquatic resources, it is recommended that construction fencing be erected

to indicate the construction limits to all parties working on this project to avoid accidental impacts to aquatic resources.

This determination is based on the proposed activity and the approved jurisdictional determination that was issued January 3rd, 2023 for this project area. If you have any questions, please contact Ms. Sophia Morgan of this office by telephone at (312) 846-5542, or email at Sophia.R.Morgan@usace.army.mil.

Sincerely,

Teralyn R. Pompeii, Chief

cc:

Gewalt Hamilton Associates, Inc. (Karolina Cho)

Metropolitan Water Reclamation District of Greater Chicago (Maureen Durkin)