



COVER SHEET

Proposal Submitted By:			
Contractor's Name			
Performance Construction & Engineering, LLC			
Contractor's Address		City	State Zip Code
217 W. John Street		Plano	IL 60545

STATE OF ILLINOIS		
Local Public Agency	County	Section Number
City of Oakbrook Terrace	DuPage	23-00000-01-GM
Route(s) (Street/Road Name)	Type of Funds	
Leahy Rd. and Stillwell Rd.	Federal and Local	

Proposal Only     Proposal and Plans     Proposal only, plans are separate

Submitted/Approved  
For Local Public Agency:

<b>For a County and Road District Project</b>
Submitted/Approved
Highway Commissioner Signature & Date
Submitted/Approved
County Engineer/Superintendent of Highways Signature & Date

<b>For a Municipal Project</b>
Submitted/Approved/Passed
Signature & Date

Official Title
Mayor of Oakbrook Terrace

<b>Department of Transportation</b>
Released for bid based on limited review
Regional Engineer Signature & Date

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

Local Public Agency	Local Street/Road Name	County	Section Number
CITY OF OAKBROOK TERRACE	LEAHY RD and STILLWELL RD	DUPAGE	

1. THIS AGREEMENT, made and concluded the 25th day of July, 2023 between the City of Oakbrook Terrace, known as the party of the first part, and Performance Construction & Engineering, LLC, its successor, and assigns, known as the party of the second part.

2. For and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring this contract, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this contract.

3. It is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section \_\_\_\_\_ in \_\_\_\_\_, approved by the Illinois Department of Transportation on \_\_\_\_\_, are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, the said parties have executed this contract on the date above mentioned

Attest: The City of Oakbrook Terrace

Clerk Signature & Date

 8-6-23

(SEAL, if required by the LPA)

Party of the First Part Signature & Date

By: 

(If a Corporation)

Corporate Name

President, Party of the Second Part Signature & Date

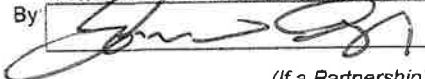
By: 

(If a Limited Liability Corporation)

LLC Name

Performance Construction & Engineering, LLC

Manager or Authorized Member, Party of the Second Part

By: 

(If a Partnership)

Partner Signature & Date



Partner Signature & Date



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



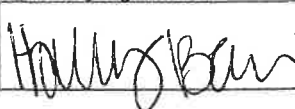
(If an individual)

Party of the Second Part Signature & Date



Attest:

Secretary Signature & Date



(SEAL, if required by the LPA)



Contract Bond  
No. 8051901

Local Public Agency	County	Street Name/Road Name	Section Number
City of Oakbrook Terrace	DuPage	17W275 Butterfield Rd	23-00000-01-GM

Bond information to be returned to Local Public Agency at 17W275 Butterfield Road, Oakbrook Terrace, IL 60181  
Complete Address

We, Performance Construction & Engineering, LLC, 217 W. John Street, Plano, IL 60545  
Contractor's Name and Address

a/an LLC organized under the laws of the State of Illinois as PRINCIPAL, and  
State

Amerisure Mutual Insurance Company, P.O. Box 9098, Farmington Hills, MI 48333  
Surety Name and Address

as SURETY, are held and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of  
Eight Hundred Twenty-eight Thousand One Hundred Eighty-seven and 00/100

Dollars ( \$828,187.00 ) lawful money of the United States, to be paid to said LPA, the payment of which we bind ourselves, successors and assigns jointly to 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 has entered into a written contract with the LPA acting through its awarding authority for the construction of work on the above sections, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

NOW, THEREFORE, if the said Principal shall perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to it for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LPA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation shall be void; otherwise it shall remain in full force and effect.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective agents this 27th day of July, 2023  
Day Month and Year

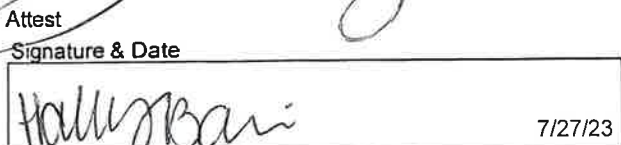
**PRINCIPAL**

Company Name  
Performance Construction & Engineering, LLC

Company Name

By  
Signature & Date  
  
7/27/23

By  
Signature & Date

Attest  
Signature & Date  
  
7/27/23

Attest  
Signature & Date

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

STATE OF IL  
COUNTY OF KENDALL

I, HOLLY BARKEI, a Notary Public in and for said county, do hereby certify that  
Notary Name

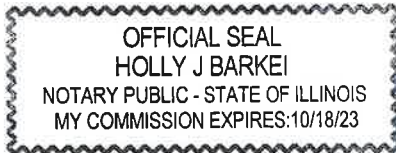
LONNIE AVERY

Insert name of Individuals signing on behalf of PRINCIPAL

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this 27th day of JULY, 2023  
Day Month, Year

(SEAL)



Notary Public Signature & Date

Holly Barkei 7/27/23

Date commission expires 10/18/23

**SURETY**

Name of Surety

Amerisure Mutual Insurance Company

Title Jacqueline L. Drey/Attorney-in-Fact

By: Jacqueline L. Drey

STATE OF Nebraska  
COUNTY OF Douglas

I, Maura P. Kelly, a Notary Public in and for said county, do hereby certify that  
Notary Name

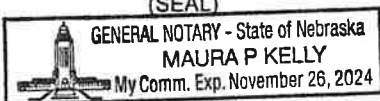
Jacqueline L. Drey

Insert name of Individuals signing on behalf of SURETY

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of SURETY, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this 27th day of July, 2023  
Day Month, Year

(SEAL)



Notary Public Signature & Date

Maura P Kelly 7/27/23

Date commission expires 11/26/2024

Approved this \_\_\_\_\_ day of \_\_\_\_\_ Month, Year

Attest:

Local Public Agency Clerk Signature & Date

Maura P Kelly 8-6-23

Municipality \_\_\_\_\_ Clerk  
Local Public Agency Type

Awarding Authority

City of Oakbrook Terrace, Illinois

Awarding Authority Signature & Date

[Signature]



AMERISURE MUTUAL INSURANCE COMPANY  
AMERISURE INSURANCE COMPANY  
AMERISURE PARTNERS INSURANCE COMPANY

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:** That Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company are corporations duly organized under the laws of the State of Michigan (herein collectively the "Companies"), and that the Companies do hereby make, constitute and appoint:

DAVID A. DOMINIANI, DUSTIN COOPER, KEVIN J. STENGER,  
JACQUELINE L. DREY, JOAN LEU and MAURA P. KELLY

of First Insurance Group LLC dba FNIC, its true and lawful Attorney(s)-in Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge, for and on its behalf and as its act and deed, bonds or others writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts or suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

TWO HUNDRED MILLION (\$200,000,000.00) DOLLARS

This Power of Attorney is granted and signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company at meetings duly called and held on February 17, 2022.

**"RESOLVED**, that any two of the President & Chief Executive Officer, the Chief Financial Officer & Treasurer, the Senior Vice President Surety, the Vice President Surety, or the General Counsel & Corporate Secretary be, and each or any of them hereby is authorized to execute, a Power of Attorney qualifying the attorney-in-fact named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that President & Chief Executive Officer, Chief Financial Officer & Treasurer or General Counsel & Corporate Secretary each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company;

**FURTHER RESOLVED**, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto electronically/digitally or by facsimile, and any such Power of Attorney or certificate bearing such electronic/digital or facsimile signatures or electronic/digital or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached;

**FURTHER RESOLVED**, that any work carried out by the attorney-in-fact pursuant to this resolution shall be valid and binding upon the Company."



By:

Michael A. Ito, Senior Vice President Surety

By:

Aaron Green, Vice President Surety



IN WITNESS WHEREOF, Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 26th day of April, 2023.

**Amerisure Mutual Insurance Company  
Amerisure Insurance Company  
Amerisure Partners Insurance Company**

State of Illinois  
County of Kane

On this 26th day of April, 2023, before me, a Notary Public personally appeared Michael A. Ito, of Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company and Aaron Green of Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



M. Kenny  
M. Kenny, Notary Public

I, Christopher M. Spaude, the duly elected Chief Financial Officer & Treasurer of Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company, do hereby certify and attest that the above and foregoing is a true and correct copy of a Power of Attorney executed by said Companies, which remains in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 27th day of July, 2023.

Christopher M. Spaude  
Christopher M. Spaude, Chief Financial Officer & Treasurer

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Oakbrook Terrace	DuPage	23-00000-01-GM	Leahy Rd. and Stillwell Rd.

**NOTICE TO BIDDERS**

Sealed proposals for the project described below will be received at the office of City of Oakbrook Terrace City Hall  
 Name of Office  
17W275 Butterfield Road, Oakbrook Terrace, IL 60181 until 10:00 AM on 06/06/23  
 Address Time Date

Sealed proposals will be opened and read publicly at the office of City of Oakbrook Terrace City Hall  
 Name of Office  
17W275 Butterfield Road, Oakbrook Terrace, IL 60181 at 10:00 AM on 06/06/23  
 Address Time Date

**DESCRIPTION OF WORK**

Location	Project Length
Storm Sewer Rehabilitation Project - Leahy Rd and Stillwell Rd	2769' (0.52 Miles)

**Proposed Improvement**  
 The work in general shall consist of storm water utility removal and replacement including all structures, pipe and outfall locations as well as landscape restoration. All items are further described in the contract documents for the said work prepared by Christopher B. Burke Engineering, Ltd.

1 Plans and proposal forms will be available in the office of  
 The Bidding Documents can be downloaded from QuestCDN via the Christopher B. Burke Engineering Ltd. (CBBEL) website <http://cbbel.com/bidding-info/> or [www.questcdn.com](http://www.questcdn.com)  
 Cost to download bid documents is \$30 non-refundable

- 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 DOT 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 Oakbrook Terrace	DuPage	23-00000-01-GM	Leahy Rd. and Stillwell Rd.

**PROPOSAL**

1 Proposal of Performance Construction & Engineering, LLC  
Contractor's Name  
217 W. John Street, Plano, IL 60545  
Contractor's Address

2. The plans for the proposed work are those prepared by Christopher B. Burke Engineering LTD.  
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 40 working days or by \_\_\_\_\_ 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 Oakbrook Terrace Treasurer of City of Oakbrook Terrace  
The amount of the check is \_\_\_\_\_

**Attach Cashier's Check or Certified Check Here**

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

The proposal guaranty check will be found in the bid proposal for Section Number 23-00000-01-GM.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Oakbrook Terrace	DuPage	23-00000-01-GM	Leahy Rd. and Stillwell Rd.

### 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.

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

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

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

- 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.
- Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart 1 of Title 44 Subtitle A Chapter III Part 5 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 Oakbrook Terrace	DuPage	23-00000-01-GM	Leahy Rd. and Stillwell Rd.

**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

[Empty box for listing partners]

(If a corporation)

Corporate Name

Performance Construction & Engineering, LLC

Signature & Date

*[Handwritten Signature]* 6/6/23

Title

President

Business Address

217 W. John Street

City State Zip Code

Plano IL 60545

Insert Names of Officers

President

Lonnie Avery

Attest:

*Haluz Litzman*  
Secretary

Secretary

Treasurer



Schedule of Prices



Contractor's Name

Performance Construction & Engineering, LLC

Contractor's Address

217 W. John Street

City

Plano

State

IL

Zip Code

60545

Local Public Agency

City of Oakbrook Terrace

County

DuPage

Section Number

23-00000-01-GM

Route(s) (Street/Road Name)

Leahy Rd. and Stillwell Rd.

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
1	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2370	\$70.00	\$165,900.00
2	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1120	\$85.00	\$95,200.00
3	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	10	\$100.00	\$1,000.00
4	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	815	\$125.00	\$101,875.00
5	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	181	\$140.00	\$25,340.00
6	STORM SEWER RMVL. 12"	FOOT	2510	\$1.00	\$2,510.00
7	STORM SEWER RMVL. 15"	FOOT	1210	\$1.50	\$1,815.00
8	STORM SEWER RMVL. 18"	FOOT	84	\$2.50	\$210.00
9	STORM SEWER RMVL. 24"	FOOT	885	\$2.50	\$2,212.50
10	STORM SEWER RMVL. 30"	FOOT	181	\$3.00	\$543.00
11	STORM STRUCTURE REMOVAL AND REPLACEMENT, TYPE A 4'	EACH	16	\$5,500.00	\$88,000.00
12	STORM STRUCTURE REMOVAL AND REPLACEMENT, TYPE C 2'	EACH	42	\$2,500.00	\$105,000.00
13	TRENCH BACKFILL	CU YD	775	\$1.00	\$775.00
14	REMOVAL AND DISPOSAL OF MATERIAL	CU YD	775	\$1.00	\$775.00

Local Public Agency		County	Section Number		Route(s) (Street/Road Name)
City of Oakbrook Terrace		DuPage	23-00000-01-GM		Leahy Rd. and Stillwell R
Item Number	Items	Unit	Quantity	Unit Price	Total
15	PCC DRIVEWAY PAVEMENT REMOVE AND REPLACE	SQ YD	355	\$105.00	\$37,275.00
16	HMA DRIVEWAY PAVEMENT REMOVE AND REPLACE	SQ YD	930	\$40.00	\$37,200.00
17	SODDING	SQ YD	1623	\$20.00	\$32,460.00
18	CLASS D PATCH, 6"	SQ YD	102	\$60.00	\$6,120.00
19	PCC SHOULDER REMOVAL	FOOT	108	\$4.00	\$432.00
20	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 ABUTTING EXT PVMT	FOOT	108	\$80.00	\$8,640.00
21	CONCRETE DEPRESSED CURB (TYPICAL)	FOOT	90	\$80.00	\$7,200.00
22	TREE AND BRUSH REMOVAL	UNIT	40	\$60.00	\$2,400.00
23	TRAFFIC CONTROL AND PROTECTION, STD 701501	LSUM	1	\$37,504.50	\$37,504.50
24	MAILBOX REMOVAL, RELOCATION, REPLACMENT	EACH	46	\$350.00	\$16,100.00
25	STORM SEWERS CLASS A, TYPE 1 12" (SPECIAL)	LF	140	\$70.00	\$9,800.00
26	STORM SEWERS CLASS A, TYPE 1 15" (SPECIAL)	LF	90	\$85.00	\$7,650.00
27	STORM SEWERS CLASS A, TYPE 1 18" (SPECIAL)	LF	90	\$100.00	\$9,000.00
28	STORM SEWERS CLASS A, TYPE 1 24" (SPECIAL)	LF	70	\$125.00	\$8,750.00
29	STORM SEWERS, PVC 6" (SPECIAL)	LF	275	\$60.00	\$16,500.00
Bidder's Total Proposal					<b>\$828,187.00</b>

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.



Apprenticeship and Training Program Certification

Local Public Agency	County	Street Name/Road Name	Section Number
Oakbrook Terrace	DuPage	Leahy Rd. and Stillwell Rd.	23-00000-01-GM

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.

International Union of Operating Engineers & Fox Valley Laborers Union
------------------------------------------------------------------------

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

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.

2. The undersigned bidder further certifies, for work to be performed by subcontract that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.

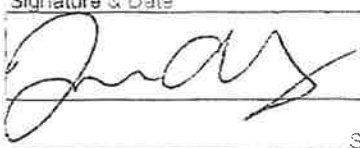
3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

--

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

--

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

Bidder	Signature & Date		
Performance Construction & Engineering, LLC			6/6/2023
Title			
President			
Address	City	State	Zip Code
217 W. John Street	Plano	IL	60545



Local Public Agency	County	Street Name/Road Name	Section Number
Oakbrook Terrace	DuPage	Leahy Rd. and Stillwell Rd.	23-00000-01-GM

I, Lonnie Avery of Plano, Illinois  
Name of Affiant City of Affiant State of Affiant

being first duly sworn upon oath, state as follows.

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

<u><i>Lonnie Avery</i></u>	<u>6/6/2023</u>
<small>Signature &amp; Date</small>	
<u>Lonnie Avery</u>	
<small>Print Name of Affiant</small>	

Notary Public

State of IL

County Kendall

Signed (or subscribed or attested) before me on 6/6/2023 by  
(date)

Lonnie Avery

authorized agent(s) of

Performance Construction & Engineering, LLC  
Bidder



<u><i>Holly J Barkei</i></u>
<small>Notary Public Signature &amp; Date</small>
<u>10/18/2023</u>
<small>My commission expires</small>



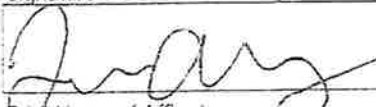
Affidavit of Illinois Business Office

Local Public Agency	County	Street Name/Road Name	Section Number
Oakbrook Terrace	DuPage	Leahy Rd. and Stillwell Rd.	23-00000-01-GM

I, Lonnie Avery of Plano, Illinois  
Name of Affiant City of Affiant State of Affiant

being first duly sworn upon oath, state as follows.

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

Signature & Date  
 6/6/23  
 Print Name of Affiant  
President

Notary Public

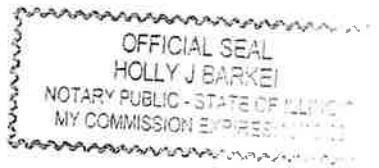
State of IL

County Kendall

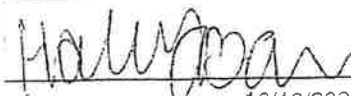
Signed (or subscribed or attested) before me on 6/6/2023 by  
(date)

Lonnie Avery authorized agent(s) of  
(name/s of person/s)

Performance Construction & Engineering, LLC  
Bidder



(SEAL)

Notary Public Signature & Date  
  
 My commission expires 10/18/2023









**Part III. Work Subcontracted to Others.**

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

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
<b>Total Uncompleted</b>					

**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

Lonnie Avery

Title

President

Signature

*[Handwritten Signature]*

Date

6/6/2023

Company

Performance Construction & Engineering, LLC

Address

217 W. John Street

City

Plano

State

IL

Zip Code

60545

Subscribed and sworn to before me  
 this 6th day of June, 2023

*[Handwritten Signature]*  
 (Signature of Notary Public)

My commission expires 10/18/2023

OFFICIAL SEAL  
 HOLLY J BARKEI  
 NOTARY PUBLIC - STATE OF ILLINOIS  
 MY COMMISSION EXPIRES 10/18/23

(Notary Seal)

Add pages for additional contracts

**ADDENDUM #1**  
**City of Oakbrook Terrace**  
**2023 Storm Sewer Replacement Project**  
**CBBEL Project No. 920032.B124**

**Date: June 2, 2023**

---

Please note the following changes will be made to pay items in the contract. The revised schedule of prices shall be filled out and submitted with the bid.

**SUMMARY OF CHANGES**

**Additional pay items of (Storm Sewers, PVC 6" (Special)) and (Storm Sewers Class A, Type 1 Various Diameter (Special)).**

**Storm Sewers Class A, Type 1 Various Diameters (Special) –**

All criteria for item "Storm Sewers Class A, Type 1 Various Diameters" will apply with the addition of "rubber gaskets are required at all joints." under the materials section of the provision. Areas where storm sewer crosses under the road will require gasketed joints and will be placed at the direction of the City Engineer. Updated quantities can be found below.

**Storm Sewers, 6" PVC –**

**Description:** This work shall be according to Section 550 of the Standard Specifications and the Standard Specifications for Water and Sewer Construction in Illinois, except as specified herein.

**Materials:** The storm sewers shall be of the following material:

Polyvinyl Chloride (PVC) conforming to ASTM D-3034, type PSM, and shall have a Standard Dimension Ratio (SDR) of 26, with push-on joints in accordance with ASTM D2241. The pipe shall be made of PVC plastic having a minimum cell classification of 12454-C and shall have a minimum pipe stiffness of forty-six (46) lbs. per inch per inch (317 kPa).

**Basis of Payment:** This work shall be paid for at the contract unit price per foot for STORM SEWERS, 6" PVC.

**Modification No. 1**

**\*\*ADDITIONAL PAY ITEMS OF (STORM SEWERS, PVC 6" (SPECIAL)) AND (STORM SEWERS CLASS A, TYPE 1 VARIOUS DIAMETER (SPECIAL)) IN SCHEDULE OF PRICES\*\***

**Item No: 25\***

**Pay Item Description: Storm Sewers Class A, Type 1 12" (Special)**  
**Unit: LF**

**Quantity BASE: 140**

**Item No: 26\***

**Pay Item Description: Storm Sewers Class A, Type 1 15" (Special)**  
**Unit: LF**

**ADDENDUM #1**  
**City of Oakbrook Terrace**  
**2023 Storm Sewer Replacement Project**  
**CBBEL Project No. 920032.B124**

**Date: June 2, 2023**

**Quantity BASE: 90**

**Item No: 27\***

**Pay Item Description: Storm Sewers Class A, Type 1 18" (Special)**  
**Unit: LF**

**Quantity BASE: 90**

**Item No: 28\***

**Pay Item Description: Storm Sewers Class A, Type 1 24" (Special)**  
**Unit: LF**

**Quantity BASE: 70**

**Item No: 29\***

**Pay Item Description: Storm Sewers, PVC 6" (Special)**  
**Unit: LF**

**Quantity BASE: 275**

---

Please acknowledge the receipt of this addendum by signing and returning the attached form to Dan L. Lynch PE, CFM. Additionally, Addendum #1 shall be attached to the bid. If Addendum #1 is not attached to the bid, the bid may be disqualified. Please email to the attention of Dan Lynch, Christopher B. Burke Engineering, Ltd. at [dlynch@cbbel.com](mailto:dlynch@cbbel.com).

I acknowledge the receipt of Addendum #1 for the above referenced project:



Signed:

Performance Const. & Engineering, LLC  
Company Name



# Special Provisions



Local Public Agency	County	Section Number
City of Oakbrook Terrace	DuPage	23-00000-01-GM

The following Special Provision supplement the "Standard Specifications for Road and Bridge Construction", adopted **January 1, 2023**, 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.

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## **SPECIAL PROVISIONS**

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted April 1, 2022 (hereinafter referred to as the "Standard Specifications"); the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways" in effect on the date of invitation for bids; and the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2023, indicated on the Check Sheet included herein; all of which apply to and govern the construction of: 2023 Storm Sewer Project for the City of Oakbrook Terrace, Illinois.

These special provisions included herein apply to and govern the proposed improvement designated as 2023 Storm Sewer Project and in case of conflict with any part or parts of said Standard Specifications, said special provisions shall take precedent and shall govern.

## **LOCATION OF PROJECT**

The improvements are located on the following roads in the City of Oakbrook Terrace, DuPage County, Illinois: Along the entirety of Leahy Rd. as well as along Stillwell Rd. from Leahy Rd. to Elder Rd. *See Location Map*

## **DESCRIPTION OF PROJECT**

This contract consists of Storm Sewer Removal and Replacement, Storm Structure Removal and Replacement, Landscape Restoration, and Driveway Restoration. Over time storm utilities along the proposed streets have slowly degraded and are in need of replacement. Outdated pipe materials will be replaced with reinforced concrete pipe. Ineffective manholes, catch basins, and inlets due to wear and tare over time will also be replaced to promote drainage.

## **EXAMINATION OF PLANS, SPECIFICATION, SPECIAL PROVISIONS, AND SITE OF WORK**

The prospective bidder shall, before submitting a bid, carefully examine the provisions of the contract. The bidder shall inspect in detail the site of the proposed work, investigate, and become familiar with all the local conditions affecting the contract and fully acquaint themselves with the detailed requirements of construction.

## **AVAILABILITY OF CONTRACT DOCUMENTS**

The Bidding Documents can be downloaded from QuestCDN via the Christopher B. Burke Engineering Ltd. (CBBEL) website <http://cbbel.com/bidding-info/> or at [www.questcdn.com](http://www.questcdn.com) under Login using QuestCDN #8524636 for a non-refundable charge of \$30.00. A QuestCDN login will be required. Contact [QuestCDN.com](http://QuestCDN.com) at 952-233-1632 or [info@questcdn.com](mailto:info@questcdn.com) for assistance in membership registration and downloading this digital project information. Contractors must purchase bid documents and be shown on the Bidder's Planholder List in order to bid. Bids received from contractors who are not in the Bidder's Planholder List will be rejected.



### CONTRACT EXECUTION

Contract award and execution shall be in accordance with Section 102.01 of the Standard Specifications.

### AWARD OF CONTRACT

Each Bidder must submit bids to be eligible for the award of the contract. Failure to do so will result in rejection of the CONTRACTOR'S bid.

### LIMITS OF CONSTRUCTION (STORM SEWER REMOVAL AND REPLACEMENT)

The City Engineer shall mark the limits of all storm sewer removal and replacement prior to the start of work. This includes all driveway and parkway restoration.

***The City of Oakbrook Terrace reserves the right to increase or amend quantities of any portion of the project if it is in the best interest of the City to do so, including that of financial budgeting. Any portion increased or amended from the contract shall have no bearing on the remaining work under the terms of this Contract or unit prices.***

### MAINTENANCE OF ROADWAYS

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

The work involved in maintaining the existing pavement will not be paid for separately at the contract unit prices for the various items of work involved, unless otherwise specified elsewhere in these Special Provisions. Traffic control and protection will be paid for as stated in the contract. No construction activity shall begin until all proper signs and barricades have been installed. There shall be no equipment or material storage on the pavement, temporary or otherwise. All driveways must have access each night. In the event a driveway is not open at the end of the workday, \$500 per incident will be deducted from monies due to the contractor.

The CONTRACTOR shall not prime coat any streets overnight. In the event the CONTRACTOR does prime coat a street the night before paving, a \$1,000.00 per incident will be deducted from monies due to the CONTRACTOR.

No garbage shall be disposed of by the CONTRACTOR on the project site. In the event the CONTRACTOR does dispose of garbage on the project site a \$500.00 per incident will be deducted from monies due to the CONTRACTOR. 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, and detour route required by the CITY, will be paid for in accordance with Article 109.04 of the STANDARD SPECIFICATIONS.

In the event the CONTRACTOR leaves the aggregate base course exposed commencing on

the third night following the start of pavement removal, a \$5,000 per night per street will be deducted from monies due to the CONTRACTOR. A time extension may be granted by the engineer for unforeseen weather conditions that occur prior to the start of liquidated damages.

#### **PUBLIC CONVENIENCE AND SAFETY**

In addition to the requirements of Article 107.09 of the STANDARD SPECIFICATIONS, the CONTRACTOR shall maintain entrances and side roads along the proposed improvements; interference with the traffic movements and inconvenience to the owners of abutting property and public shall be kept to a minimum. The costs associated with any delays or inconveniences caused by the CONTRACTOR by complying with these requirements shall be considered as included with the price of the contract and no additional compensation will be allowed.

The CONTRACTOR is to plan his work so that there will be no open holes in the pavement and that all barricades will be removed from the pavement during non-work hours.

During all construction operations, the CONTRACTOR will be required to provide, erect and maintain proper signage and barricades plus provide flagmen as necessary for safe traffic control.

All provisions relating to traffic control, signage, barricades, detour route and use of flagmen shall be subject to the approval of the CITY.

The CONTRACTOR will not be allowed to close any street to through travel without the prior approval of the CITY. The CONTRACTOR will be required to provide all warning signs, barricades, traffic cones, flagmen and other appurtenances to guarantee the safety of motorists and pedestrians during construction. This work will not be paid for separately but shall be considered as included with the Contract, and no additional compensation will be allowed.

#### **MISCELLANEOUS SAW-CUTTING**

Whenever the new work will meet existing conditions other than lawn areas, regardless of whether it is asphalt or concrete, the existing adjacent pavement or curb shall be saw-cut to provide a neat joint. The saw-cut shall be in a straight line sufficiently deep so that it renders a smooth vertical face to match to. All saw cutting shall be included in the cost of the adjacent items of new work.

If the contractor is not careful or does not saw deep enough and the cut line breaks out or chips to an imperfect edge, then the existing side must be re-cut square and done over until it is correct. Surface patching quantity has been included for restoration of cracked pavement adjacent to curb. Otherwise, the contractor shall be responsible for any driveway aprons or surrounding pavement damaged during construction that was previously in good condition.

#### **DISPOSAL OF DEBRIS AND EXCAVATED OR REMOVED MATERIALS**

The Contractor shall be responsible for removal and disposal of all waste material, asphalt, concrete, stone, dirt, or debris generated in the course of the work.

Excavated soils for the installation storm sewer elsewhere within the project limits may be used as trench backfill in the parkway as well as for landscape restoration.

The contractor shall load the removed pieces of curb and gutter, sidewalk, driveway, and street pavements, etc., directly onto trucks, haul it away, and dispose of it. The temporary storing of excavated materials on the parkways, and re-handling them later for disposal will not be allowed due to additional damage caused to tree root systems, parkways, existing equipment, and conditions. It shall be the contractor's responsibility to find an approved dumpsite for debris and any excavated materials. The CITY will not provide for one. The stockpiling of excavated or backfill material within the roadway overnight shall not be permitted.

### **QUALITY CONTROL**

The City of Oakbrook Terrace will collect tickets for all material utilized on the project daily or as directed by the Engineer.

### **NOTIFICATION OF POLICE AND FIRE DEPARTMENTS**

The Contractor shall advise the Police and Fire Departments daily as to what streets will be under construction and what streets, if any, are to be closed so that they can reroute their emergency vehicles.

### **COMPLIANCE WITH CODES**

It is the responsibility of the Contractor to whom this Contract is awarded to familiarize himself and comply with the contents of the Occupational Safety and Health Act (OSHA), codes and ordinances adopted by and in effect by Federal, State, County, Township, and City Governmental Bodies, and any other governmental agencies at any level having jurisdiction over this area and this type of work. Any additional costs resulting from compliance with these codes shall be considered included in the cost of the Contract.

### **STREET CLEANING**

If the CONTRACTOR fails to clean the pavement, driveway sidewalk or parkways on or adjacent to the section under construction to the satisfaction of the ENGINEER at any time during the contract, the ENGINEER will notify the CONTRACTOR at which time the CONTRACTOR will have 24 hours to respond.

If the CONTRACTOR fails to respond within 24 hours an amount of \$500.00 per incident will be deducted from any monies due the CONTRACTOR.

### **MAILBOX REMOVAL, RELOCATION, AND REPLACEMENT**

**Description:** This work shall consist of removing an existing ground-mounted mailbox, relocating said mailbox during construction, and replacing it with a new ground-mounted mailbox.

**General:** The new location of the mailbox shall be approved by the Engineer. Mailboxes

shall meet the following requirements:

- Constructed of heavy gauge galvanized steel and fully powder coated for corrosion resistance
- Door and side panels provide a place for house numbers to be applied
- Reinforced body for added rigidity
- Galvanized steel flag powder-coated red
- Overall outside dimensions of mailbox shall be 8 in. W x 10 in. H x 20.7 in. D
- Approved by the US Postmaster General

The mailbox shall be installed on a new 4" x 4" square treated wood post with a design consistent with the rest of the subdivision. 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 and mailbox shall be removed and relocated during construction, and then 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.

**Method of Measurement:** This work will be measured for payment as each mailbox to be removed, relocated, and replaced.

**Basis of Payment:** This work will be paid for at the contract unit price per each for MAILBOX REMOVAL, RELOCATION, AND REPLACEMENT. The unit price shall include all equipment, materials and labor required to relocate the mailbox and to restore the existing location. No additional compensation will be allowed for any temporary relocation or for the removal and disposal of the existing post and mailbox.

#### **PORTLAND CEMENT CONCRETE SHOULDER REMOVAL**

**Description:** The work shall consist of the removal and satisfactory disposal of all existing Portland cement concrete shoulder within the project limits.

**Construction Requirements:** In addition to the requirements of Article 440.02 of the Standard Specifications the Contractor will be prohibited from using a pavement breaker or other highly destructive means as defined by the Engineer for removing Portland cement concrete shoulder. All material excavated under this item shall be immediately loaded and hauled away and shall not be stored in the street or parkway area.

**Method of Measurement and Basis of Payment:** Portland Cement Concrete Shoulder shall be measured and paid for at the contract unit price per foot for PORTLAND CEMENT CONCRETE SHOULDER REMOVAL.

#### **COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 ABUTTING EXISTING PAVEMENT**

**Description:** This work shall consist of the construction of new combination concrete curb and gutter including all necessary excavation, embankment and subbase granular material

as shown in the detail on the plans and in accordance with Sections 606, 202, 205 and 311 of the Standard Specifications and as specified herein.

**Construction Requirements:** In addition to the requirements of Article 606.06 of the Standard Specifications the Contractor shall excavate all material necessary to build the proposed curb and gutter and proposed subbase in accordance with Section 202 of the Standard Specifications. The proposed subbase shall be subbase granular material, Type B of the thickness shown on the plans in accordance with Section 311 of the Standard Specifications. Backfill behind the proposed back of curb shall be in accordance with Section 205 of the Standard Specifications.

Expansion joints shall be placed at a maximum spacing of 50 feet and on each side of a curb drainage structure. Expansion joints shall be constructed with 1 - No. 8 epoxy coated smooth dowel bar, 18" long. Contraction joints shall be placed at a maximum spacing of 20 feet. Contractor shall use full forms on both sides of the patch - 9" at edge of pavement and either 12" or 15" at back of curb.

New curb and gutter shall be placed within 72 hours of removal of existing concrete shoulder. Failure by the Contractor to place the new curb and gutter within this timeframe shall cause for the Engineer to stop work on the project until the curb and gutter is placed.

Any existing pavement removed adjacent to the new curb and gutter shall be replaced with Class SI concrete and Hot-Mix Asphalt Surface Course. The concrete will be brought to an elevation of 2" below the gutter flag and Hot-Mix Asphalt Surface Course shall be placed until it is flush with the top of the gutter flag as directed by the Engineer. The material shall be placed carefully and independently of the curb and gutter section, and only after all debris has been removed from the hole. This operation shall be completed within 3 days after the curb forms are stripped and shall be included with this pay item.

Where directed by the Engineer, the Contractor shall install a break in the curb line and extend the gutter flag to create a paved trough directing the runoff collected in the curb line to an adjacent storm sewer structure located within the parkway. This work shall be measured per length foot of trough installation and included within the total quantity for COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 ABUTTING EXISTING PAVEMENT (SPECIAL).

**Method of Measurement and Basis of Payment:** Combination concrete curb and gutter and all excavation, subbase material, Class SI concrete, and backfill necessary to construct the work as shown on the plans and as specified herein shall be measured and paid for at the contract unit price per foot for COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 ABUTTING EXISTING PAVEMENT (SPECIAL).

#### **CONCRETE DEPRESSED CURB (TYPICAL)**

**Description:** This work shall consist of the construction of new concrete depressed curb including all necessary excavation, embankment and subbase granular material as shown in the detail on the plans and in accordance with Sections 606, 202, 205 and 311 of the Standard Specifications and as specified herein.

**Construction Requirements:** In addition to the requirements of Article 606.06 of the Standard Specifications the Contractor shall excavate all material necessary to build the proposed curb and gutter and proposed subbase in accordance with Section 202 of the Standard Specifications. The proposed subbase shall be subbase granular material, Type B of the thickness shown on the plans in accordance with Section 311 of the Standard Specifications. Backfill behind the proposed back of curb shall be in accordance with Section 205 of the Standard Specifications.

Expansion joints shall be placed at a maximum spacing of 50 feet and on each side of a curb drainage structure. Expansion joints shall be constructed with 1 - No. 8 epoxy coated smooth dowel bar, 18" long. Contraction joints shall be placed at a maximum spacing of 20 feet. Contractor shall use full forms on both sides of the patch - 9" at edge of pavement and either 12" or 15" at back of curb.

New curb and gutter shall be placed within 72 hours of removal of existing concrete shoulder. Failure by the Contractor to place the new curb and gutter within this timeframe shall cause for the Engineer to stop work on the project until the curb and gutter is placed.

Any existing pavement removed adjacent to the new curb and gutter shall be replaced with Class SI concrete and Hot-Mix Asphalt Surface Course. The concrete will be brought to an elevation of 2" below the gutter flag and Hot-Mix Asphalt Surface Course shall be placed until it is flush with the top of the gutter flag as directed by the Engineer. The material shall be placed carefully and independently of the curb and gutter section, and only after all debris has been removed from the hole. This operation shall be completed within 3 days after the curb forms are stripped and shall be included with this pay item.

Where directed by the Engineer, the Contractor shall install a break in the curb line and extend the gutter flag to create a paved trough directing the runoff collected in the curb line to an adjacent storm sewer structure located within the parkway. This work shall be measured per length foot of trough installation and included within the total quantity for CONCRETE DEPRESSED CURB (TYPICAL)

**Method of Measurement and Basis of Payment:** Concrete depressed curb and all excavation, subbase material, Class SI concrete, and backfill necessary to construct the work as shown on the plans and as specified herein shall be measured and paid for at the contract unit price per foot for CONCRETE DEPRESSED CURB (TYPICAL).

#### **SOD (SPECIAL)**

**Description:** This work shall consist of furnishing and placing sod in accordance with Section 252 of the Standard Specifications, except that any pulverized topsoil necessary to prepare the surface for sod or backfill along the new storm sewer and driveway aprons shall be incidental to the unit price per square yard for this pay item.

**Method of Measurement and Basis of Payment:** Sod will be measured and paid for at the Contract Unit Price per square yard as placed. Backfill of the sidewalks and driveway and furnishing and placing any additional pulverized topsoil shall not be paid for separately and shall be included in the unit price.

### **TREE AND BRUSH REMOVAL (SPECIAL)**

**Description:** This work shall consist of removal of trees and brush in the area of work as directed by the Engineer. This shall include removal of the root ball or stump. Trimming of branches on trees to remain shall be incidental to the contract and will not be paid for separately.

**Method of Measurement and Basis of Payment:** Trees to be removed will be those with a trunk diameter of six (6") inches or greater as measured four (4') feet above the ground surface and the cost shall include removal of the stump. Tree Removal shall be measured and paid for in inches as the diameter as stated herein. Brush Removal shall be considered removal of woody vegetation, not grasses or plants, with a diameter of less than six (6") when measured four (4') feet above the ground and shall include removal of roots that interfere with construction of the storm sewer. Brush Removal will be measured and paid for by the square foot for the area to be cleared. No additional compensation will be paid for backfill of stumps or root balls.

### **EXISTING STORM SEWER REMOVAL: VARIOUS DIAMETERS**

**Description:** This work will consist of the removal and disposal of all existing pavement, debris, and storm sewer along Leahy Rd. and Stillwell Rd. from Leahy Rd. to Elder Ln. The contractor shall furnish and install the precast concrete structure, as directed by the Engineer in accordance with Section 501 of the Standard Specifications for Road and Bridge Construction, Illinois 2022. The contractor is responsible for all jobsite safety and must call JULIE two days in advance to locate any existing utilities prior to excavation.

**Materials:** Any steel road plates, and shoring/trench boxes needed to properly remove the existing storm sewer without compromising the integrity of the surrounding road and utilities. One lane of traffic must be kept open at all times with appropriate traffic control.

**Construction Requirements:** All construction shall be in accordance with Sections 501 of the STANDARD SPECIFICATIONS.

**Method of Measurement and Basis of Payment:** This work shall be measured and paid for at the contract unit price per foot (FT), measured in place along the invert of the pipe all different diameter RCP which price will include all excavation.

### **STORM SEWER CLASS A, TYPE 1: VARIOUS DIAMETERS**

**Description:** This work shall consist of the installation of Reinforced Concrete Pipe with varying diameters along Leahy Rd. and Stillwell Rd. The contractor shall furnish and install the Reinforced Concrete Pipe at varying sizes, as directed by the Engineer in accordance with Section 550 and 551 of the Standard Specifications for Road and Bridge Construction, Illinois 2022.

**Materials:** (SEE DETAIL SHEET) Pipes shall be Reinforced Concrete Pipe (RCP) of varying diameters. Trench backfill shall consist of compacted CA-6 or CA-7 aggregate stone. Any steel road plates, and trench boxes needed to properly install RCP without compromising the

integrity of the surrounding road and nearby utilities shall be used. Restoration of the surrounding ditch will be made with reused spoils, 4" of pulverized topsoil and sod as specified in the contract.

**Construction Requirements:** All construction shall be in accordance with Section 550 and 551 of the STANDARD SPECIFICATIONS. The contractor shall always keep one lane of the road open for traffic. Traffic control and protection will be paid for as a separate item in the contract.

**Ditch Restoration:** Much of the storm sewer removal and replacement will take place in the parkway where there is shallow roadside ditch. This ditch shall be restored to the original grade in order to promote positive drainage.

**Method of Measurement and Basis of Payment:** This work shall be measured and paid for at the contract unit price per foot (FT), measured in place along the invert of the pipe. All different diameter RCP price will include all excavation and furnishing materials as specified herein. Final restoration of the pavement over the street crossings will be paid for separately under the pay item Class D Patch, 6". Final restoration of the parkway will be paid for separately under the pay item Sod (Special).

**Location:** Along Leahy Rd. and Stillwell Rd. from Leahy Rd. to Elder Ln.

#### **STORM STRUCTURE REMOVAL AND REPLACEMENT, MANHOLE, TYPE A**

**Description:** This work will consist of the removal and replacement of all storm structures along Leahy Rd. and Stillwell Rd. from Leahy Rd. to Elder Ln. The contractor shall furnish and install the precast concrete structure, as directed by the Engineer in accordance with Sections 501, 502, 503, and 504 of the Standard Specifications for Road and Bridge Construction, Illinois 2022.

**Materials:** (SEE DETAIL SHEET: 602401-07) All Type A structures shall be 4', precast and delivered to the site. Trench backfill and bedding shall consist of compacted CA-6 or CA-7 aggregate stone. Any steel road plates, and trench boxes needed to properly install the structure without compromising the integrity of the surrounding road and nearby utilities shall be used. Restoration of the surrounding ditch will be made with reused spoils, 4" of pulverized topsoil and sod as specified in the contract.

All structures shall have a sump pump discharge location to service adjacent houses. Each stub shall include a pre-drilled 4" hole as well as 2 LF of SDR 26 PVC pipe stubbed out of the manhole to allow for reconnection, or future connection. All stubs that are not being reconnected shall include a cap at the end. Any sump pump stubs disconnected during construction shall be reconnected.

**Construction Requirements:** All construction shall be in accordance with Sections 501, 502, 503, and 504 of the STANDARD SPECIFICATIONS. The contractor shall always keep one lane of the road open for traffic. Traffic control and protection will be paid for as a separate item in the contract.

**Ditch Restoration:** Much of the storm structure removal and replacement will take place in



the parkway where there is small roadside ditch. This ditch shall be restored to the original grade to promote positive drainage.

**Method of Measurement and Basis of Payment:** This work shall be measured and paid for at the contract unit price per structure (EACH), measured by the number of storm structures that need replacement. Final restoration of the pavement over the street crossings will be paid for separately under the pay item Class D Patch, 6". Final restoration of the parkway will be paid for separately under the pay item Sod (Special).

### **STORM STRUCTURE REMOVAL AND REPLACEMENT, INLET, TYPE C**

**Description:** This work will consist of the removal and replacement of all storm structures along Leahy Rd. and Stillwell Rd. from Leahy Rd. to Elder Ln. The contractor shall furnish and install the precast concrete structure, as directed by the Engineer in accordance with Sections 501, 502, 503, and 504 of the Standard Specifications for Road and Bridge Construction, Illinois 2022.

**Materials:** (SEE DETAIL SHEET: 602011-02) All Type C structures shall be 2', precast and delivered to the site. Trench backfill and bedding shall consist of compacted CA-6 or CA-7 aggregate stone. Any steel road plates, and trench boxes needed to properly install the structure without compromising the integrity of the surrounding road and nearby utilities shall be used. Restoration of the surrounding ditch will be made with reused spoils, 4" of pulverized topsoil and sod as specified in the contract.

In the event a Type C storm structure is called out on the plans and will not allow a larger diameter storm line to pass through, an RCP tee with a beehive grate will be allowed. This will be located along the south side of Leahy Road from Hodges Road to 16<sup>th</sup> Street where storm sewer removal and replacement will range from 24" RCP to 30" RCP.

All structures shall have a sump pump discharge location to service adjacent houses. Each stub shall include a pre-drilled 4" hole as well as 2 LF of SDR 26 PVC pipe stubbed out of the manhole to allow for reconnection, or future connection. All stubs that are not being reconnected shall include a cap at the end. Any sump pump stubs disconnected during construction shall be reconnected.

**Construction Requirements:** All construction shall be in accordance with Sections 501, 502, 503, and 504 of the STANDARD SPECIFICATIONS. The contractor shall always keep one lane of the road open for traffic. Traffic control and protection will be paid for as a separate item in the contract.

**Ditch Restoration:** Much of the storm structure removal and replacement will take place in the parkway where there is small roadside ditch. This ditch shall be restored to the original grade in order to promote positive drainage towards the structure.

**Method of Measurement and Basis of Payment:** This work shall be measured and paid for at the contract unit price per structure (EACH), measured by the number of storm structures that need replacement. Sump pump discharge stubs shall be included in this pay item. Final restoration of the pavement over the street crossings will be paid for separately under the pay item Class D Patch, 6". Final restoration of the parkway will be paid for separately under the

pay item Sod (Special).

**BITUMINOUS CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT, 3 INCH (SPECIAL)**

**Description:** This work shall consist of satisfactory removal and disposal of existing Bituminous Concrete Driveway and constructing Bituminous Concrete Driveway on a prepared subgrade. This work shall be performed in accordance with Sections 406 of the Standard Specifications and as specified herein, except that removal of the existing bituminous driveway shall be included in the contract unit price.

**Construction Requirements:** Driveways shall be placed on four (4") inches of new compacted Subbase Granular Material, Type B (CA-6 gradation). The driveway shall be three (3") inches in thickness.

**Method of Measurement and Basis of Payment:** Bituminous concrete driveway removal and replacement will be measured for payment in place, and the area computed in square yard. This work will be paid for at the contract unit price per square yard for **BITUMINOUS CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT (SPECIAL)**, which price shall include all required removal and disposal of existing driveway and debris, all required excavation for the driveway cross-section, new compacted Subbase Granular Material Type B (4" CA-6 stone), surrounding landscape restoration and any necessary root pruning.

**PORTLAND CONCRETE CEMENT DRIVEWAY REMOVAL AND REPLACEMENT, 6 INCH (SPECIAL)**

**Description:** This work shall consist of satisfactory removal and disposal of existing Portland Concrete Cement Driveway and constructing Portland Cement Concrete Driveway on a prepared subgrade. This work shall be performed in accordance with Sections 423 of the Standard Specifications and as specified herein, except that removal of the existing concrete driveway shall be included in the contract unit price.

**Construction Requirements:** Driveways shall be placed on four (4") inches of new compacted Subbase Granular Material, Type B (CA-6 gradation). The driveway shall be six (6") inches in thickness.

Expansion joints of the thickness specified below shall consist of preformed joint filler. The top of the joint shall be placed 1/4 in. below the surface of the sidewalk.

- (a) **1/2 in. Thick Expansion Joints.** Expansion joints 1/2 in. thick shall be placed between the sidewalk and driveway, curb and driveway, and joint with existing driveway.

All contraction joints shall be no greater than ten feet (10'), or as specified by engineer.

**Method of Measurement and Basis of Payment:** Portland cement concrete driveway removal and replacement will be measured for payment in place, and the area computed in

square yard. This work will be paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT (SPECIAL), which price shall include all required removal and disposal of existing driveway and debris, expansion joints, steel dowels, contraction joints, all required excavation for the driveway cross-section, new compacted Subbase Granular Material Type B (4" CA-6 stone), surrounding landscape restoration and any necessary root pruning.

**CLASS D PATCH, 6"**

**Description:** This work shall consist of removal and replacement of existing pavement at all storm sewer crossing locations as directed by the Engineer. This work shall be done in accordance with Article 442 of the Standard Specifications except that the four types, namely Type 1, Type II, Type III and Type IV have been combined under the pay item Class D Patch, 6"

The existing pavement including the base and Hot-Mix Asphalt surface shall be neatly saw cut and removed and replaced with **six (6") inches of Hot-Mix Asphalt Binder Course, IL-19 mm**, as specified in Article 406. The surface of the patch shall be flush with the surface of the existing milled Hot-Mix Asphalt surface prior to resurfacing.

All holes, soft places and other defects in the subbase or subgrade shall be corrected by the Contractor by removing the unsuitable material, adding more **Hot-Mix Asphalt Mixture** as specified herein in conformance with Article 406.

If the contractor is not careful or does not saw deep enough and the cut line breaks out or chips to an imperfect edge, then the existing side must be re-cut square and done over until it is correct. Any additional quantity of new work required as a result of additional removal caused by improper saw cutting will not be paid for.

**Method of Measurement and Basis of Payment:** This work will be paid for at the contract unit price per square yard (SQ YD) for CLASS D PATCH, 6" which price shall include the removal of the existing pavement base, Hot-Mix Asphalt Surface and sub-grade as directed by the engineer, the compaction of the existing subgrade, and placement and compaction of the specified Hot-Mix Asphalt mixture up to the surface of the existing Hot-Mix Asphalt surface (both milled and not milled).

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

The following Hot-Mix Asphalt mixes shall be used in this maintenance:

<b>MIXTURE TYPE</b>	<b>AIR VOIDS</b>
Hot-Mix Asphalt Surface Course, Mix "D", N50 (IL-9.5mm)	4% @ 50 GYR
Leveling Binder (Machine Method) N50, (IL- 9.5 mm)	4% @ 50 GYR
Hot-Mix Asphalt Binder Course, IL-19.0, N50 (IL- 19.0mm)	4% @ 50 GYR

**THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN**

**THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS**

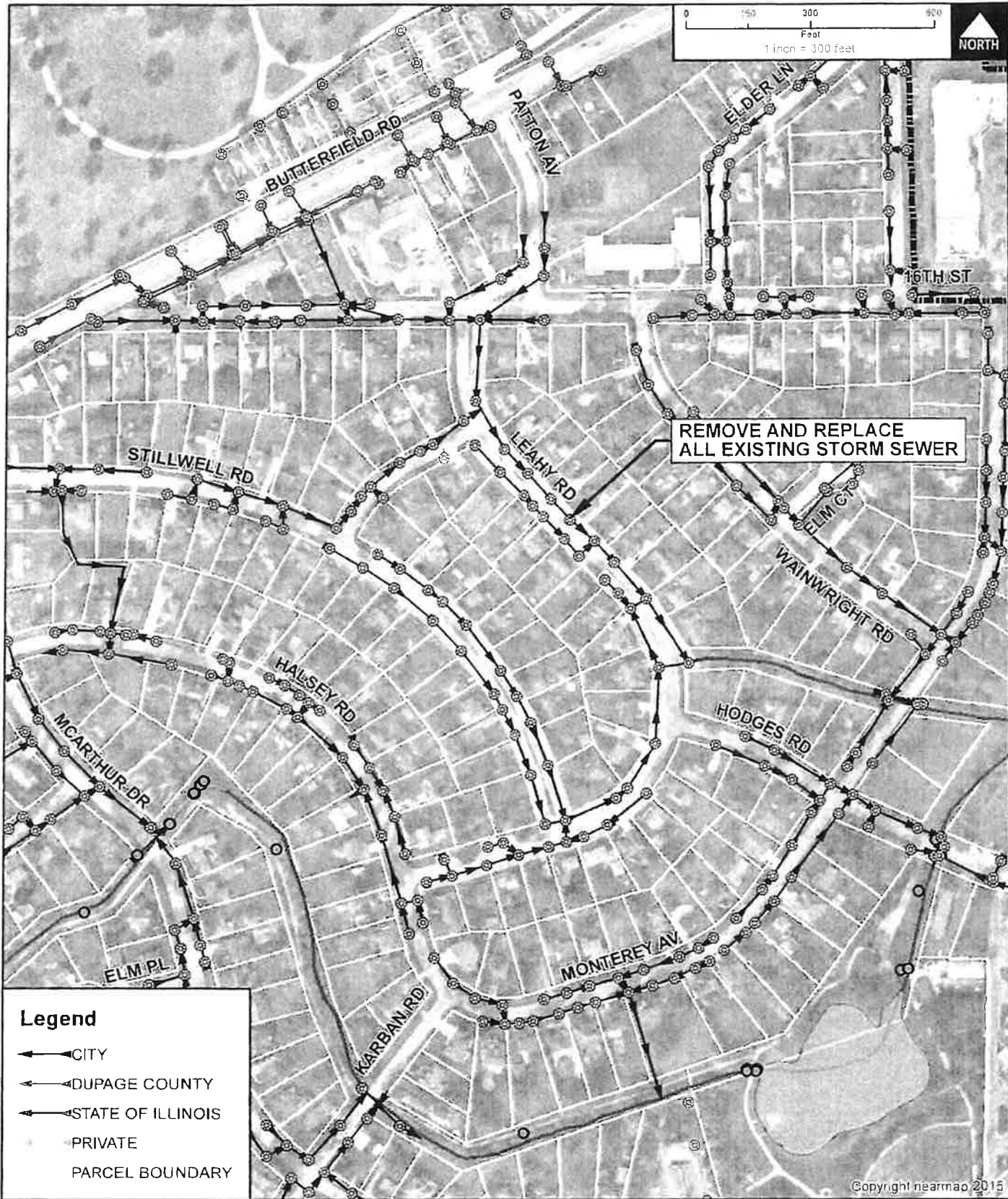
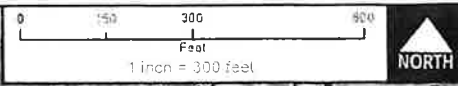
**RESTORATION OF WORK AREA**

All damage outside of the project limits to mowed lawns shall be replaced with an approved sod, and all damage to unmowed fields shall be seeded. Restoration is paid for in the contract to a limit of 6 feet from either side of the storm sewer trench.

Any existing sprinkler systems damaged during the course of the work shall be repaired by the Contractor at no expense to Owner.

Any concrete, hot-mix asphalt, gravel, and brick paver driveways and/or sidewalks damaged during the course of the work shall be repaired by the Contractor at no expense to Owner.



Any landscape features or retaining walls damaged during the work shall be repaired by the Contractor at no expense to Owner.



**Legend**

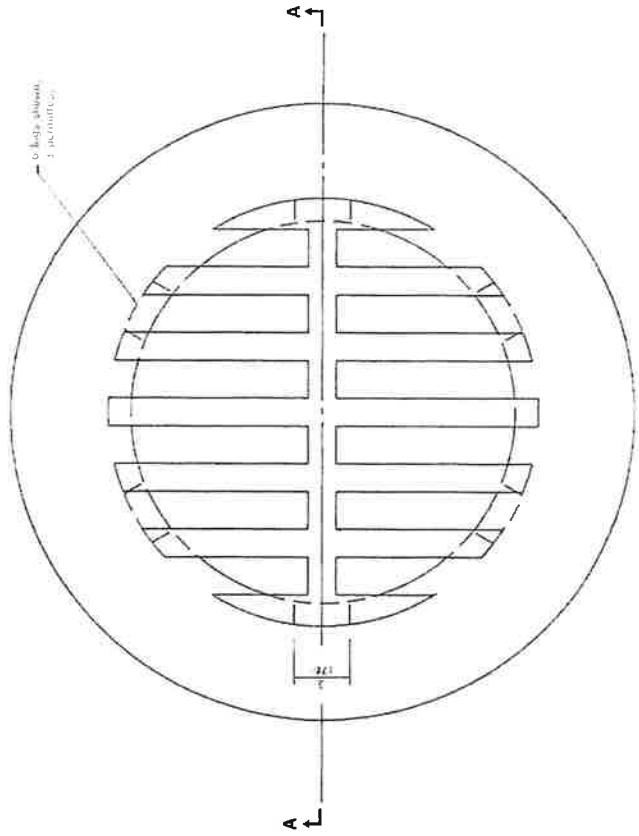
- ← CITY
- ← DUPAGE COUNTY
- ← STATE OF ILLINOIS
- PRIVATE
- PARCEL BOUNDARY

Copyright nearmap 2015

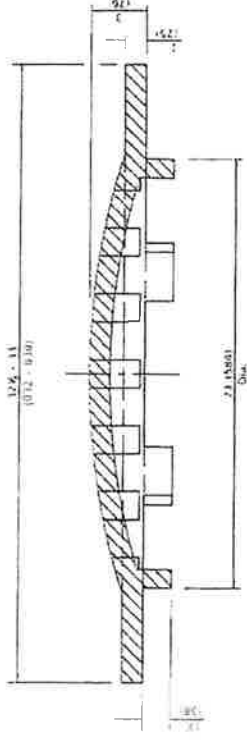
CLIENT  <b>CITY OF OAKBROOK TERRACE</b>	TITLE <b>STORM SEWER ATLAS</b>	PROJ. NO. 920032.B109
		DATE 04-15-2022
 <b>CHRISTOPHER B. BURKE ENGINEERING, LTD.</b> 9575 W. Higgins Road, Suite 600 · Rosemont, Illinois 60018 · (847) 823-0500	DSGN.	SCALE 1"=300'
	DRW.	AUTHCR.
	CHKD.	PLOT DATE 4/19/2022
FILE Storm Sewer Improvements		SHEET 1 OF 1 DRAWING NO. <b>EXH 1</b>

Path: H:\OAKBROOK\TERRACE\920032\040122\100 - Storm Sewer Evaluation\GIS\Map\atlas\Storm\_Sewer\_Improvements.aprx





**CAST GRATE**



**SECTION A-A**

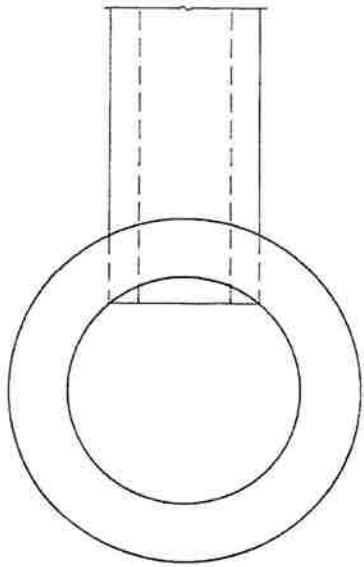
All dimensions are in inches (milli-meters) unless otherwise shown.

DATE	REVISIONS
1-1-15	Revised dimensions.
10-10-09	Switched units to English (metric).

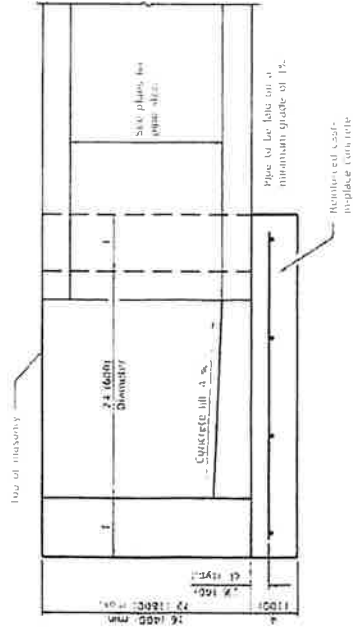
**GRATE TYPE 8**

**STANDARD 604036-03**

Illinois Department of Transportation  
 ROAD DISTRICT 1  
 Michael S. ...  
 STATE OF ILLINOIS  
 TRANSPORTATION  
 PROJECT # 11-1-15-1001

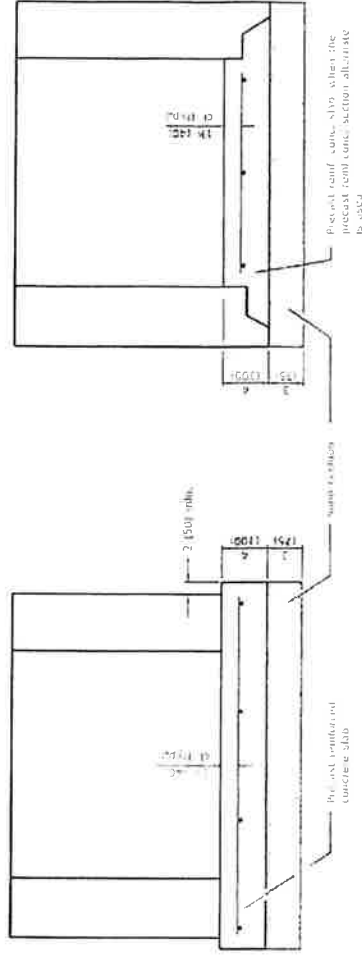


**PLAN**



**ELEVATION**

ALTERNATE MATERIALS FOR WALLS		T
BRICK	PAVING	9 (2000)
CAST IN PLACE CONCRETE		10 (1500)
CONCRETE REINFORCED BRICK		11 (1250)
PRECAST REINFORCED CONCRETE SECTION		12 (1750)



**ALTERNATE METHODS**

**GENERAL NOTES**

1. All dimensions are in inches (milli meters) unless otherwise noted.  
 2. All dimensions are to the face of the structure unless otherwise noted.  
 3. All dimensions are to the face of the structure unless otherwise noted.  
 4. All dimensions are to the face of the structure unless otherwise noted.  
 5. All dimensions are to the face of the structure unless otherwise noted.  
 6. All dimensions are to the face of the structure unless otherwise noted.  
 7. All dimensions are to the face of the structure unless otherwise noted.  
 8. All dimensions are to the face of the structure unless otherwise noted.  
 9. All dimensions are to the face of the structure unless otherwise noted.  
 10. All dimensions are to the face of the structure unless otherwise noted.

Illinois Department of Transportation  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 PROJECT NO. 10-1000  
 SHEET NO. 10-1000-100  
 DATE: 10/10/10  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 APPROVED BY: [Signature]  
 PROJECT ENGINEER

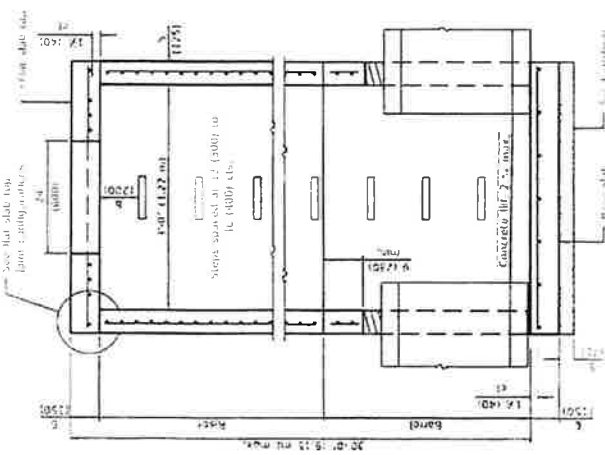
DATE	REVISIONS
10-10-10	1. Increased height to 12 (1500) maximum
1-1-11	2. Called out in detail. Added max. limit to height. Addressed proposed changes.

**INLET - TYPE A**

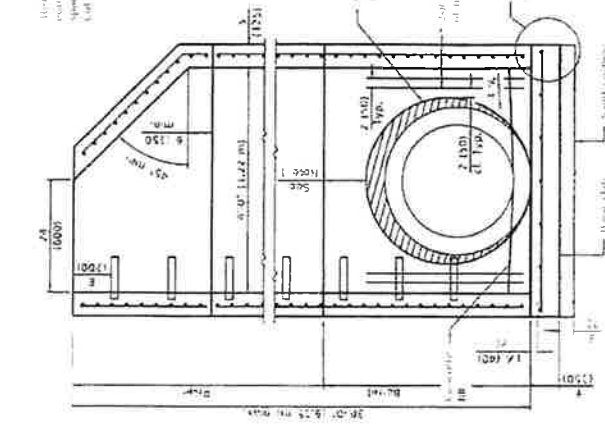
**STANDARD 602301-04**



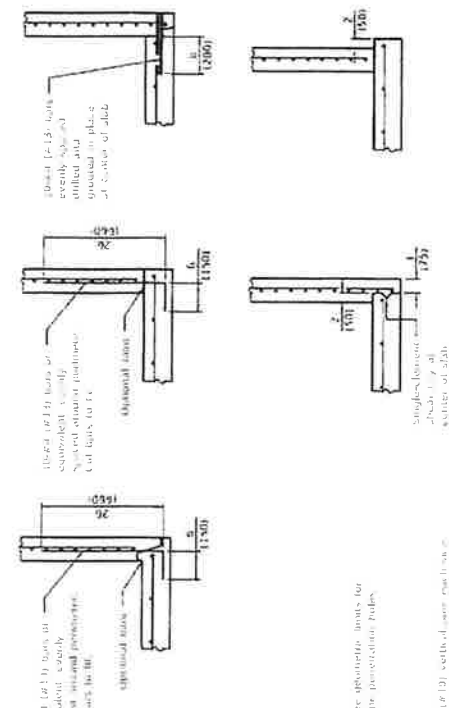




SECTION PARALLEL TO PIPE  
Minimum vertical spacing



SECTION PERPENDICULAR TO PIPE  
Minimum vertical spacing

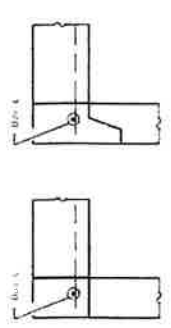


BASE SLAB JOINT CONFIGURATIONS

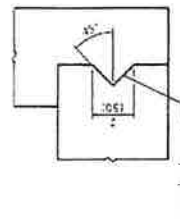
2. Also not allowed: the base of wall reinforcement ties, tie, or other tie or rod with horizontal spacing greater than 12 inches for 1/2" pipe condition and 18 inches for 3/4" pipe condition. The minimum spacing between the pipe penetrations shall be as specified in Table 1.

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

- Note 1: A minimum of 9" (230) of nonshrink, reinforced concrete shall be maintained above pipe penetrations below a 24" (600) manhole.
- Note 2: A minimum of 12" (300) height of concrete shall be maintained above pipe penetrations below a 24" (600) manhole.
- Note 3: A maximum of 18" (450) shall be maintained above pipe penetrations below a 24" (600) manhole.
- Note 4: A maximum of 18" (450) shall be maintained above pipe penetrations below a 24" (600) manhole.
- Note 5: The recommended pipe penetration hole is equal to 1/4" (6.3) of the pipe plus 1/16" (1.6) of the pipe penetration hole is 1/4" (6.3) of the pipe plus 1/16" (1.6) of the pipe penetration hole.



FLAT SLAB TOP JOINT CONFIGURATIONS  
(Minimum 2" access hole)



SHEAR KEY GEOMETRY  
Minimum vertical spacing (see Note 2)

GENERAL NOTES

- 1. Reinforcement shall consist of all precast manhole members and shall be installed where required to resist loads from handling, shipping and installation stresses.
- 2. All dimensions are in inches unless otherwise indicated.
- 3. All dimensions are in meters unless otherwise indicated.

DATE	REVISIONS
1-1-19	Revised Base 1 and 2 and 3 and 4 and 5 and 6 and 7 and 8 and 9 and 10 and 11 and 12 and 13 and 14 and 15 and 16 and 17 and 18 and 19 and 20 and 21 and 22 and 23 and 24 and 25 and 26 and 27 and 28 and 29 and 30 and 31 and 32 and 33 and 34 and 35 and 36 and 37 and 38 and 39 and 40 and 41 and 42 and 43 and 44 and 45 and 46 and 47 and 48 and 49 and 50 and 51 and 52 and 53 and 54 and 55 and 56 and 57 and 58 and 59 and 60 and 61 and 62 and 63 and 64 and 65 and 66 and 67 and 68 and 69 and 70 and 71 and 72 and 73 and 74 and 75 and 76 and 77 and 78 and 79 and 80 and 81 and 82 and 83 and 84 and 85 and 86 and 87 and 88 and 89 and 90 and 91 and 92 and 93 and 94 and 95 and 96 and 97 and 98 and 99 and 100
1-1-19	Revised Base 1 and 2 and 3 and 4 and 5 and 6 and 7 and 8 and 9 and 10 and 11 and 12 and 13 and 14 and 15 and 16 and 17 and 18 and 19 and 20 and 21 and 22 and 23 and 24 and 25 and 26 and 27 and 28 and 29 and 30 and 31 and 32 and 33 and 34 and 35 and 36 and 37 and 38 and 39 and 40 and 41 and 42 and 43 and 44 and 45 and 46 and 47 and 48 and 49 and 50 and 51 and 52 and 53 and 54 and 55 and 56 and 57 and 58 and 59 and 60 and 61 and 62 and 63 and 64 and 65 and 66 and 67 and 68 and 69 and 70 and 71 and 72 and 73 and 74 and 75 and 76 and 77 and 78 and 79 and 80 and 81 and 82 and 83 and 84 and 85 and 86 and 87 and 88 and 89 and 90 and 91 and 92 and 93 and 94 and 95 and 96 and 97 and 98 and 99 and 100

PRECAST MANHOLE TYPE A  
4' (1.22 m) DIAMETER

STANDARD 602401-07

Blacks & partner of transportation  
  
 PROJECT MANAGER  
 PROJECT OF BLACK & PARTNER  
 10000 W. CENTRAL EXPRESSWAY  
 SUITE 1000  
 DALLAS, TEXAS 75243  
 PHONE 972.382.2200  
 FAX 972.382.2201  
 WWW.BLACKSANDPARTNER.COM



Check Sheet for Recurring Special Provisions

Local Public Agency

City of Oakbrook Terrace

County

DuPage

Section Number

23-00000-01-GM

Check this box for lettings prior to 01/01/2023.

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

Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	53
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	56
3	<input type="checkbox"/> EEO	57
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	67
5	<input type="checkbox"/> Required Provisions - State Contracts	72
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	78
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	79
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	80
9	<input type="checkbox"/> Construction Layout Stakes	81
10	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	84
11	<input type="checkbox"/> Subsealing of Concrete Pavements	86
12	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	90
13	<input type="checkbox"/> Pavement and Shoulder Resurfacing	92
14	<input checked="" type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	93
15	<input type="checkbox"/> Polymer Concrete	95
16	<input type="checkbox"/> Reserved	97
17	<input type="checkbox"/> Bicycle Racks	98
18	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	100
19	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	102
20	<input type="checkbox"/> English Substitution of Metric Bolts	103
21	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	104
22	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	105
23	<input checked="" type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	113
24	<input type="checkbox"/> Reserved	129
25	<input type="checkbox"/> Reserved	130
26	<input type="checkbox"/> Temporary Raised Pavement Markers	131
27	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	132
28	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	135
29	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	139
30	<input type="checkbox"/> Longitudinal Joint and Crack Patching	142
31	<input type="checkbox"/> Concrete Mix Design - Department Provided	144
32	<input type="checkbox"/> Station Numbers in Pavements or Overlays	145

Local Public Agency

County

Section Number

City of Oakbrook Terrace

DuPage

23-00000-01-GM

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	<b>Reserved</b>	147
LRS 2	<input type="checkbox"/> Furnished Excavation	148
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	149
LRS 4	<input type="checkbox"/> Flaggers in Work Zones	150
LRS 5	<input checked="" type="checkbox"/> Contract Claims	151
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	152
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	158
LRS 8	<b>Reserved</b>	164
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	165
LRS 10	<b>Reserved</b>	169
LRS 11	<input checked="" type="checkbox"/> Employment Practices	170
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	172
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	174
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	175
LRS 15	<input checked="" type="checkbox"/> Partial Payments	178
LRS 16	<input type="checkbox"/> Protests on Local Lettings	179
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	180
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	181
LRS 19	<input type="checkbox"/> Reflective Crack Control Treatment	182

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 Oakbrook Terrace

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Christopher B. Burke Engineering LTD

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

**BDE SPECIAL PROVISIONS**  
For the January 20, 2023 and March 10, 2023 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 Device	Jan. 1, 2008	
	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
	80436	6	<input type="checkbox"/> Blended Finely Divided Minerals	April 1, 2021	
*	80241	7	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
*	50531	8	<input type="checkbox"/> Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	9	<input type="checkbox"/> Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80384	10	<input checked="" 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	
	80261	13	<input checked="" type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	14	<input type="checkbox"/> Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
*	80029	15	<input type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Mar. 2, 2019
	80229	16	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80447	17	<input checked="" type="checkbox"/> <b>Grading and Shaping Ditches</b>	<b>Jan. 1, 2023</b>	
	80433	18	<input type="checkbox"/> Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80443	19	<input type="checkbox"/> High Tension Cable Median Barrier Removal	April 1, 2022	
	80446	20	<input type="checkbox"/> Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	
	80438	21	<input type="checkbox"/> Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	Sept. 2, 2021
	80045	22	<input type="checkbox"/> Material Transfer Device	June 15, 1999	Jan. 1, 2022
	80441	23	<input type="checkbox"/> <b>Performance Graded Asphalt Binder</b>	<b>Jan. 1, 2023</b>	
*	34261	24	<input type="checkbox"/> Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80445	25	<input type="checkbox"/> Seeding	Nov. 1, 2022	
	80340	26	<input type="checkbox"/> Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	27	<input type="checkbox"/> Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	28	<input type="checkbox"/> Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	29	<input checked="" type="checkbox"/> Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	30	<input checked="" type="checkbox"/> Submission of Payroll Records	April 1, 2021	Nov. 1, 2022
	80435	31	<input type="checkbox"/> <b>Surface Testing of Pavements – IRI</b>	<b>Jan. 1, 2021</b>	<b>Jan. 1, 2023</b>
	80410	32	<input type="checkbox"/> Traffic Spotters	Jan. 1, 2019	
*	20338	33	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	34	<input type="checkbox"/> Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	35	<input checked="" type="checkbox"/> Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80440	36	<input type="checkbox"/> Waterproofing Membrane System	Nov. 1, 2021	
	80302	37	<input type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80427	38	<input checked="" type="checkbox"/> Work Zone Traffic Control Devices	Mar. 2, 2020	
*	80071	39	<input checked="" 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 have been deleted from use.

<u>File Name</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
5048I	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
5049I	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010

The following special provisions are in the 2023 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>
80293	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	Articles 540.04 & 540.06	April 1, 2012	July 1, 2016
80311	Concrete End Sections for Pipe Culverts	Articles 540.07, 542.01, 542.02, 542.07, 542.11 & 542.12	Jan. 1, 2013	April 1, 2016
80422	High Tension Cable Median Barrier	Articles 644.02, 644.05, 782.01, 782.04, 782.07 & 1097.02	Jan. 1, 2020	Jan. 1, 2022
80442	Hot-Mix Asphalt	Articles 1030.09 & 1030.10	Jan. 1, 2022	Aug. 1, 2022
80444	Hot-Mix Asphalt – Patching	Errata – Article 442.08(b)	April 1, 2022	
80411	Luminaires, LED	Articles 801.05(a), 821.02(d), 821.03, 821.08 & 1067.01-1067.06	April 1, 2019	Jan. 1, 2022
80418	Mechanically Stabilized Earth Retaining Walls	Articles 1003.07 & 1004.06	Nov. 1, 2019	Nov. 1, 2020
80430	Portland Cement Concrete – Haul Time	Article 1020.11(a)(7)	July 1, 2020	
80395	Sloped Metal End Section for Pipe Culverts	Articles 540.07, 542.01, 542.02, 542.07, 542.11 & 542.12	Jan. 1, 2018	
80318	Traversable Pipe Grate for Concrete End Sections	Articles 540.04, 540.07, 540.08 & 542.01, 542.02, 542.07, 542.11 & 542.12	Jan. 1, 2013	Jan. 1, 2018

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 type="checkbox"/>	Nuclear Density Gauge (Correlated when paving ≥ 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."

**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  $\pm 2.0$  percent of the actual quantity of material delivered."

## **COMPENSABLE DELAY COSTS (BDE)**

Effective: June 2, 2017

Revised: April 1, 2019

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

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

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Add the following to Section 109 of the Standard Specifications.

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

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

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

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

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

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

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

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

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

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



## CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010

Revised: November 1, 2014

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

Contractor and subcontractor diesel powered off-road equipment assigned to the contract shall be retrofitted using the phased in approach shown below. Equipment that is of a model year older than the year given for that equipment's respective horsepower range shall be retrofitted:

Effective Dates	Horsepower Range	Model Year
June 1, 2010 <sup>1/</sup>	600-749	2002
	750 and up	2006
June 1, 2011 <sup>2/</sup>	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006
June 1, 2012 <sup>2/</sup>	50-99	2004
	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006

1/ Effective dates apply to Contractor diesel powered off-road equipment assigned to the contract.

2/ Effective dates apply to Contractor and subcontractor diesel powered off-road equipment assigned to the contract.

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

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

device manufacturer that the emission control device provides a minimum PM emission reduction of 50 percent.

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

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

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

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

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

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

#### **Diesel Retrofit Deficiency Deduction**

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

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

If a Contractor accumulates three diesel retrofit deficiency deductions for the same piece of equipment in a contract period, the Contractor will be shutdown until the deficiency is corrected.

Such a shutdown will not be grounds for any extension of the contract time, waiver of penalties, or be grounds for any claim.

80261

**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

## **SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)**

Effective: November 2, 2017

Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the following:

"This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor's work.

<b>Value of Subcontract Reported on Form BC 260A</b>	<b>Mobilization Percentage</b>
Less than \$10,000	25%
\$10,000 to less than \$20,000	20%
\$20,000 to less than \$40,000	18%
\$40,000 to less than \$60,000	16%
\$60,000 to less than \$80,000	14%
\$80,000 to less than \$100,000	12%
\$100,000 to less than \$250,000	10%
\$250,000 to less than \$500,000	9%
\$500,000 to \$750,000	8%
Over \$750,000	7%"

80391

## **SUBMISSION OF PAYROLL RECORDS (BDE)**

Effective: April 1, 2021

Revised: November 1, 2022

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, the worker's address, the worker's telephone number when available, the worker's social security number, the worker's classification or classifications, the worker's gross and net wages paid in each pay period, the worker's number of hours worked each day, and the worker's starting and ending times of work each day. However, any Contractor or subcontractor who remits contributions to a fringe benefit fund that is not jointly maintained and jointly governed by one or more employers and one or more labor organization must additionally submit the worker's hourly wage rate, the worker's hourly overtime wage rate, the worker's hourly fringe benefit rates, the name and address of each fringe benefit fund, the plan sponsor of each fringe benefit, if applicable, and the plan administrator of each fringe benefit, if applicable.

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."

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 15<sup>th</sup> 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

## **VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)**

Effective: November 1, 2021

Revised: November 1, 2022

Add the following paragraph after the first paragraph of Article 701.08 of the Standard Specifications:

“The Contractor shall equip all vehicles and equipment with high-intensity oscillating, rotating, or flashing, amber or amber-and-white, warning lights which are visible from all directions. In accordance with 625 ILCS 5/12-215, the lights may only be in operation while the vehicle or equipment is engaged in construction operations.”

80439



## 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.”

**WORKING DAYS (BDE)**

Effective: January 1, 2002

The Contractor shall complete the work within  working days.

80071

**FRICTION AGGREGATE (D1)**

Effective: January 1, 2011  
 Revised: December 1, 2021

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

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

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

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

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

Use	Mixture	Aggregates Allowed	
		50% Dolomite <sup>2/</sup>	Any Mixture E aggregate
		75% Dolomite <sup>2/</sup>	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone
		75% Crushed Gravel <sup>2/</sup>	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> <sup>5/ 6/</sup> :	
		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 <sup>2/</sup> or Dolomite <sup>2/</sup>	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."

**GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER (D1)**

Effective: June 26, 2006

Revised: December 1, 2021

Add the following to the end of article 1032.05 of the Standard Specifications:

“(c) Ground Tire Rubber (GTR) Modified Asphalt Binder. A quantity of 10.0 to 14.0 percent GTR (Note 1) shall be blended by dry unit weight with a PG 64-28 to make a GTR 70-28 or a PG 58-28 to make a GTR 64-28. The base PG 64-28 and PG 58-28 asphalt binders shall meet the requirements of Article 1032.05(a). Compatible polymers may be added during production. The GTR modified asphalt binder shall meet the requirements of the following table.

<b>Test</b>	<b>Asphalt Grade GTR 70-28</b>	<b>Asphalt Grade GTR 64-28</b>
Flash Point (C.O.C.), AASHTO T 48, °F (°C), min.	450 (232)	450 (232)
Rotational Viscosity, AASHTO T 316 @ 275 °F (135 °C), Poises, Pa·s, max.	30 (3)	30 (3)
Softening Point, AASHTO T 53, °F (°C), min.	135 (57)	130 (54)
Elastic Recovery, ASTM D 6084, Procedure A (sieve waived) @ 77 °F, (25 °C), aged, ss, 100 mm elongation, 5 cm/min., cut immediately, %, min.	65	65

Note 1. GTR shall be produced from processing automobile and/or light truck tires by the ambient grinding method. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall contain no free metal particles or other materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois modified AASHTO T 27, a 50 g sample of the GTR shall conform to the following gradation requirements:

<b>Sieve Size</b>	<b>Percent Passing</b>
No. 16 (1.18 mm)	100
No. 30 (600 µm)	95 ± 5
No. 50 (300 µm)	> 20

Add the following to the end of Note 1. of article 1030.03 of the Standard Specifications:

“A dedicated storage tank for the Ground Tire Rubber (GTR) modified asphalt binder shall be provided. This tank must be capable of providing continuous mechanical mixing throughout by continuous agitation and recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature

of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of  $\pm 0.40$  percent.”



**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 – NONE ASSOCIATED WITH PROJECT**

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. Contractor to call J.U.L.I.E two business days prior to the start of construction to locate all utilities. If conflict arises the engineer will assist in contacting the subject agency.

<b>Agency/Company Responsible to Resolve Conflict</b>	<b>Name of contact</b>	<b>Phone</b>	<b>E-mail address</b>
Village Engineer	Dan Lynch	847-823-0500	dlynch@cbbel.com

**UTILITIES TO BE WATCHED AND PROTECTED**

**NOTE: No known utilities to be watched and protected. Contractor to call J.U.L.I.E two (2) business days prior to any excavation to locate and verify the location of any nearby utilities.**

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**

<b>STAGE / LOCATION</b>	<b>TYPE</b>	<b>DESCRIPTION</b>	<b>OWNER</b>

**Stage 1**

<b>STAGE / LOCATION</b>	<b>TYPE</b>	<b>DESCRIPTION</b>	<b>OWNER</b>

**Stage 2**

<b>STAGE / LOCATION</b>	<b>TYPE</b>	<b>DESCRIPTION</b>	<b>OWNER</b>

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.

<b>Agency/Company Responsible to Resolve Conflict</b>	<b>Name of contact</b>	<b>Phone</b>	<b>E-mail address</b>
Village Engineer	Dan Lynch	847-823-0500	dlynch@cbbel.com

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.

## **TRAFFIC CONTROL AND PROTECTION**

Effective: February 1, 1996

Revised: March 1, 2011

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

Method of Measurement: All traffic control (except "Traffic Control and Protection (Expressways)" and temporary pavement markings) indicated on the traffic control plan details and specified in the Special Provisions will be measured for payment on a lump sum basis.

Basis of Payment: All traffic control and protection will be paid for at the contract lump sum price for **TRAFFIC CONTROL AND PROTECTION, STANDARD 701501**.

Temporary pavement markings will be paid for separately.

**MAINTENANCE OF ROADWAYS (D1)**

Effective: September 30, 1985

Revised: November 1, 1996

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

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

**PUBLIC CONVENIENCE AND SAFETY (D1)**

Effective: May 1, 2012

Revised: July 15, 2012

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

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

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

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

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

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

**COMPLETION DATE PLUS WORKING DAYS (D1)**

Effective: September 30, 1985

Revised: January 1, 2007

Revise Article 108.05 (b) of the Standard Specifications as follows:

"When a completion date plus working days is specified, the Contractor shall complete all contract items and safely open all roadways to traffic by 11:59 PM on, \_\_\_\_\_ except as specified herein.

The Contractor will be allowed to complete all clean-up work and punch list items within \_\_\_\_\_ working days after the completion date for opening the roadway to traffic. Under extenuating circumstances the Engineer may direct that certain items of work, not affecting the safe opening of the roadway to traffic, may be completed within the working days allowed for clean up work and punch list items. Temporary lane closures for this work may be allowed at the discretion of the Engineer.

(\*The completion date for \_\_\_\_\_ shall be \_\_\_\_\_.)"

Article 108.09 or the Special Provision for "Failure to Complete the Work on Time", if included in this contract, shall apply to both the completion date and the number of working days.



**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 <sup>1/</sup>
	SMA 12.5 <sup>2/</sup>	CA 13 <sup>4/</sup> , CA 14, or CA 16
	SMA 9.5 <sup>2/</sup>	CA 13 <sup>3/4/</sup> or CA 16 <sup>3/</sup>
	IL-9.5	CA 16, CM 13 <sup>4/</sup>
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 <sup>1/</sup>
	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) <sup>1/</sup>												
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 <sup>6/</sup>	90	100
#8 (2.36 mm)	20	42	16	24 <sup>4/</sup>	16	32 <sup>4/</sup>	34 <sup>5/</sup>	52 <sup>2/</sup>	45	60 <sup>6/</sup>	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 <sup>3/</sup>	7.5	9.5 <sup>3/</sup>	4.0	6.0	4.0	6.5	7.0	9.0 <sup>3/</sup>
#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 Ndesign = 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 <sup>1/</sup>		18.5			
SMA-12.5 <sup>1/2/5/</sup>				17.0 <sup>3/</sup> /16.0 <sup>4/</sup>	
SMA-9.5 <sup>1/2/5/</sup>				17.0 <sup>3/</sup> /16.0 <sup>4/</sup>	
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  $\geq 2.760$ .
- 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 <sup>1/</sup>	V <sub>D</sub> , P, T <sub>B</sub> , 3W, O <sub>T</sub> , O <sub>B</sub>	V <sub>S</sub> , T <sub>B</sub> , T <sub>F</sub> , O <sub>T</sub>	As specified in Section 1030
IL-4.75 and SMA <sup>3/ 4/</sup>	T <sub>B</sub> , 3W, O <sub>T</sub>	T <sub>F</sub> , 3W	As specified in Section 1030
Mixtures on Bridge Decks <sup>2/</sup>	T <sub>B</sub>	T <sub>F</sub>	As specified in Articles 582.05 and 582.06.

"4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T<sub>B</sub>), and/or three-wheel (3W) rollers for breakdown, except one of the (T<sub>B</sub>) 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<sub>B</sub>) or (3W) rollers can be substituted for an oscillatory roller (O<sub>T</sub>). T<sub>F</sub> rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T<sub>B</sub> rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T<sub>B</sub> 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<sub>mb</sub>."

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."

## **CLASS D PATCHES (SPECIAL)**

Effective: July 24, 2020

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

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

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

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

**DRAINAGE AND INLET PROTECTION UNDER TRAFFIC (D1)**

Effective: April 1, 2011  
 Revised: April 2, 2011

Add the following to Article 603.02 of the Standard Specifications:

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

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

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

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

Revise Article 603.07 of the Standard Specifications to read:

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

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

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

Dimension	Requirement
Inside Opening	Outside dimensions of casting + 1 in. (25 mm)



Thickness at inside edge	Height of casting $\pm$ 1/4 in. (6 mm)
Thickness at outside edge	1/4 in. (6 mm) max.
Width, measured from inside opening to outside edge	8 1/2 in. (215 mm) min

Placement shall be according to the manufacturer's specifications.

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

## **CURB OR COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (D1)**

Effective: November 1, 2020

Description. This work shall consist of the complete removal and replacement of curb or combination curb and gutter. Work shall be according to Sections 440 and 606 of the Standard Specifications, State Standard 606001, District Detail BD-24 and as directed by the Engineer except as modified herein.

Curb or combination curb and gutter removal and replacement shall match the type of the existing curb or combination curb and gutter. Types may be variable and are to meet existing dimensions and field conditions. Locations of removal and replacement shall be determined by the Resident Engineer at the time of construction.

Unsuitable material to be removed, as directed by the Engineer, shall be replaced with subbase granular material, type B or additional thickness of concrete. Suitable backfill material, when required, shall be replaced as directed by the Engineer.

Epoxy coated tie bars, #6 (20) - 24" (610) long at 24" (610) centers, shall be used except when adjacent to flexible pavement. Longitudinal bars, if encountered, are not to be replaced.

Hot-mix asphalt surface removal on the existing gutter flag, if encountered, shall be included in the removal of the curb and gutter.

Saw cuts shall be according to Article 440.03 of the Standard Specifications.

½" (13) preformed expansion joints shall be used at concrete sidewalks, driveways and medians.

Method of Measurement. Concrete curb removal and replacement, or combination concrete curb and gutter removal and replacement will be measured for payment in feet (meters) along the face of concrete curb. A minimum replacement length of 4 feet is required.

Basis of Payment. This item will be paid for at the contract unit price per foot (meter) for CURB REMOVAL AND REPLACEMENT or COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT for lengths greater than 10 feet and CURB REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET or COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET for lengths less than or equal to 10 feet.

Where unsuitable material is encountered in the subgrade or subbase and its removal and replacement is required by the Engineer, such removal and replacement will be paid for according to Article 109.04.

Sidewalk removal, driveway pavement removal and median surface removal will be paid for according to Article 440.08 of the Standard Specifications.

Portland cement concrete sidewalk will be paid for according to Article 424.13 of the Standard Specifications.

Portland cement concrete driveway pavement will be paid for according to Article 423.11 of the Standard Specifications.

Hot-mix asphalt driveway will be paid for according to Article 355.11 and 406.14 of the Standard Specifications.

Concrete median surface will be paid for according to Article 606.15 of the Standard Specifications.

Topsoil will be paid for according to Article 211.08 of the Standard Specifications.

Sodding will be paid for according to Article 252.13 of the Standard Specifications. Fertilizer for the placement of sod is not required.

**TRAFFIC CONTROL PLAN (D1)**

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: 701501 (See Special CBBEL Provisions)

DETAILS: Provided at further in contract, and within special provisions

SPECIAL PROVISIONS: Refer to CBBEL Special Provisions

## HOT-MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION (D1)

Effective: January 1, 2019  
Revised: December 1, 2021

Add to Article 1030.05 (d)(3) of the Standard Specifications to read:

“ During mixture design, prepared samples shall be submitted to the District laboratory by the Contractor for verification testing. The required testing, and number and size of prepared samples submitted, shall be according to the following tables.

High ESAL – Required Samples for Verification Testing	
Mixture	Hamburg Wheel and I-FIT Testing <sup>1/2/</sup>
Binder	total of 3 - 160 mm tall bricks
Surface	total of 4 - 160 mm tall bricks

Low ESAL – Required Samples for Verification Testing	
Mixture	I-FIT Testing <sup>1/2/</sup>
Binder	1 - 160 mm tall brick
Surface	2 - 160 mm tall bricks

- 1/ The compacted gyratory bricks for Hamburg wheel and I-FIT testing shall be  $7.5 \pm 0.5$  percent air voids.
- 2/ If the Contractor does not possess the equipment to prepare the 160 mm tall brick(s), twice as many 115 mm tall compacted gyratory bricks will be acceptable.

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

“When a test strip is not required, each HMA mixture shall still be sampled on the first day of production: I-FIT and Hamburg wheel testing for High ESAL; I-FIT testing for Low ESAL. Within two working days after sampling the mixture, the Contractor shall deliver gyratory cylinders to the District laboratory for Department verification testing. The High ESAL mixture test results shall meet the requirements of Articles 1030.05(d)(3) and 1030.05(d)(4). The Low ESAL mixture test results shall meet the requirements of Article 1030.05(d)(4). The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the “High ESAL - Required Samples for Verification Testing” table in Article 1030.05(d)(3) above.”

Add the following to the end of Article 1030.10 of the Standard Specifications to read:

"Mixture sampled during first day of production shall include approximately 60 lb (27 kg) of additional material for the Department to conduct Hamburg wheel testing and approximately 80 lb (36 kg) of additional material for the Department to conduct I-FIT testing. Within two working days after sampling, the Contractor shall deliver prepared samples to the District laboratory for verification testing. The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.05(d)(3) above."

## **ADJUSTMENTS AND RECONSTRUCTIONS (D1)**

Effective: March 15, 2011

Revise the first paragraph of Article 602.04 to read:

**"602.04 Concrete.** Cast-in-place concrete for structures shall be constructed of Class SI concrete according to the applicable portions of Section 503. Cast-in-place concrete for pavement patching around adjustments and reconstructions shall be constructed of Class PP-1 concrete, unless otherwise noted in the plans, according to the applicable portions of Section 1020."

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

"Castings shall be set to the finished pavement elevation so that no subsequent adjustment will be necessary, and the space around the casting shall be filled with Class PP-1 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.05 to read:

**"603.05 Replacement of Existing Flexible Pavement.** After the castings have been adjusted, the surrounding space shall be filled with Class PP-1 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.06 to read:

**"603.06 Replacement of Existing Rigid Pavement.** After the castings have been adjusted, the pavement and HMA that was removed, shall be replaced with Class PP-1 concrete, unless otherwise noted in the plans, not less than 9 in. (225 mm) thick. The pavement may be opened to traffic according to Article 701.17(e)(3)b.

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

Revise the first sentence of Article 603.07 to read:

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

## **COARSE AGGREGATE FOR BACKFILL, TRENCH BACKFILL AND BEDDING (D1)**

Effective: November 1, 2011

Revised: November 1, 2013

This work shall be according to Section 1004.05 of the Standard Specifications except for the following:

Reclaimed Asphalt Pavement (RAP) maybe blended with gravel, crushed gravel, crushed stone crushed concrete, crushed slag, chats, crushed sand stone or wet bottom boiler slag. The RAP used shall be according to the current Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications". The RAP shall be uniformly graded and shall pass the 1.0 in. (25 mm) screen. When RAP is blended with any of the coarse aggregate listed above, the blending shall be done mechanically with calibrated feeders. The feeders shall have an accuracy of + 2.0 percent of the actual quantity of material delivered. The final blended product shall not contain more than 40 percent by weight RAP.

The coarse aggregate listed above shall meet CA 6 and CA 10 gradations prior to being blended with the processed and uniformly graded RAP. Gradation deleterious count shall not exceed 10% of total RAP and 5% of other by total weight.



## DuPage County Prevailing Wage Rates posted on 3/1/2023

Trade Title	Rg	Type	C	Base	Foreman	Overtime					Pension	Vac	Trng	Other Ins
						M-F	Sa	Su	Hol	H/W				
ASBESTOS ABT-GEN	All	ALL		47.40	48.40	1.5	1.5	2.0	2.0	17.05	15.21	0.00	0.90	
ASBESTOS ABT-MEC	All	BLD		39.60	42.77	1.5	1.5	2.0	2.0	14.77	13.59	0.00	0.86	
BOILERMAKER	All	BLD		53.66	58.48	2.0	2.0	2.0	2.0	6.97	23.69	0.00	2.67	
BRICK MASON	All	BLD		49.81	54.79	1.5	1.5	2.0	2.0	12.10	21.56	0.00	1.10	
CARPENTER	All	ALL		52.01	54.01	1.5	1.5	2.0	2.0	11.79	24.76	1.50	0.80	
CEMENT MASON	All	ALL		49.75	51.75	2.0	1.5	2.0	2.0	17.08	20.74	0.00	1.00	
CERAMIC TILE FINISHER	All	BLD		44.18	44.18	1.5	1.5	2.0	2.0	12.25	14.77	0.00	1.00	
CERAMIC TILE LAYER	All	BLD		51.44	55.44	1.5	1.5	2.0	2.0	12.25	18.48	0.00	1.08	
COMMUNICATION TECHNICIAN	All	BLD		35.92	38.72	1.5	1.5	2.0	2.0	13.60	24.04	3.20	0.83	
ELECTRIC PWR EQMT OP	All	ALL		47.56	64.89	1.5	1.5	2.0	2.0	7.00	13.32	0.00	1.19	1.43
ELECTRIC PWR GRNDMAN	All	ALL		36.53	64.89	1.5	1.5	2.0	2.0	7.00	10.23	0.00	0.92	1.10
ELECTRIC PWR LINEMAN	All	ALL		57.17	64.89	1.5	1.5	2.0	2.0	7.00	16.01	0.00	1.43	1.72
ELECTRIC PWR TRK DRV	All	ALL		37.86	64.89	1.5	1.5	2.0	2.0	7.00	10.61	0.00	0.95	1.14
ELECTRICIAN	All	BLD		43.08	47.33	1.5	1.5	2.0	2.0	13.60	27.57	7.13	1.20	
ELEVATOR CONSTRUCTOR	All	BLD		62.47	70.28	2.0	2.0	2.0	2.0	16.03	20.21	5.00	0.65	
FENCE ERECTOR	NE	ALL		46.89	48.89	1.5	1.5	2.0	2.0	13.68	17.42	0.00	0.75	
FENCE ERECTOR	W	ALL		48.83	52.74	2.0	2.0	2.0	2.0	13.31	25.25	0.00	1.28	
GLAZIER	All	BLD		48.75	50.25	1.5	2.0	2.0	2.0	15.19	24.43	0.00	1.70	
HEAT/FROST INSULATOR	All	BLD		52.80	55.97	1.5	1.5	2.0	2.0	14.77	16.76	0.00	0.86	
IRON WORKER	E	ALL		55.81	57.81	2.0	2.0	2.0	2.0	16.05	25.31	0.00	0.49	
IRON WORKER	W	ALL		48.83	52.74	2.0	2.0	2.0	2.0	13.31	25.25	0.00	1.28	
LABORER	All	ALL		47.40	48.15	1.5	1.5	2.0	2.0	17.05	15.21	0.00	0.90	
LATHER	All	ALL		52.01	54.01	1.5	1.5	2.0	2.0	11.79	24.76	1.50	0.80	
MACHINIST	All	BLD		53.18	57.18	1.5	1.5	2.0	2.0	9.93	8.95	1.85	1.47	
MARBLE FINISHER	All	ALL		38.00	51.41	1.5	1.5	2.0	2.0	12.10	19.60	0.00	0.60	
MARBLE SETTER	All	BLD		48.96	53.86	1.5	1.5	2.0	2.0	12.10	21.03	0.00	0.78	
MATERIAL TESTER I	All	ALL		37.40		1.5	1.5	2.0	2.0	17.05	15.21	0.00	0.90	
MATERIALS TESTER II	All	ALL		42.40		1.5	1.5	2.0	2.0	17.05	15.21	0.00	0.90	
MILLWRIGHT	All	ALL		52.01	54.01	1.5	1.5	2.0	2.0	11.79	24.76	1.50	0.80	
OPERATING ENGINEER	All	BLD	1	55.10	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	BLD	2	53.80	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	

OPERATING ENGINEER	All	BLD	3	51.25	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	BLD	4	49.50	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	BLD	5	58.85	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	BLD	6	56.10	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	BLD	7	58.10	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	FLT		41.00	41.00	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	1	53.30	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	2	52.75	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	3	50.70	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	4	49.30	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	5	48.10	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	6	56.30	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	7	54.30	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
ORNAMENTAL IRON WORKER	E	ALL		53.32	55.82	2.0	2.0	2.0	2.0	14.23	25.00	0.00	1.75	
ORNAMENTAL IRON WORKER	W	ALL		48.83	52.74	2.0	2.0	2.0	2.0	13.31	25.25	0.00	1.28	
PAINTER	All	ALL		50.30	52.30	1.5	1.5	1.5	2.0	19.73	4.15	0.00	1.55	
PAINTER - SIGNS	All	BLD		41.55	46.67	1.5	1.5	2.0	2.0	3.04	3.90	0.00	0.00	
PILEDRIVER	All	ALL		52.01	54.01	1.5	1.5	2.0	2.0	11.79	24.76	1.50	0.80	
PIPEFITTER	All	BLD		53.00	56.00	1.5	1.5	2.0	2.0	11.85	22.85	0.00	2.92	
PLASTERER	All	BLD		49.85	52.84	1.5	1.5	2.0	2.0	12.10	21.48	0.00	1.09	
PLUMBER	All	BLD		54.80	58.10	1.5	1.5	2.0	2.0	16.70	17.04	0.00	1.58	
ROOFER	All	BLD		48.00	53.00	1.5	1.5	2.0	2.0	11.83	15.26	0.00	0.99	
SHEETMETAL WORKER	All	BLD		53.33	56.00	1.5	1.5	2.0	2.0	11.85	19.43	0.00	1.59	2.54
SPRINKLER FITTER	All	BLD		54.55	57.30	1.5	1.5	2.0	2.0	14.20	18.70	0.00	0.75	
STEEL ERECTOR	E	ALL		55.81	57.81	2.0	2.0	2.0	2.0	16.05	25.31	0.00	0.49	
STEEL ERECTOR	W	ALL		48.83	52.74	2.0	2.0	2.0	2.0	13.31	25.25	0.00	1.28	
STONE MASON	All	BLD		49.81	54.79	1.5	1.5	2.0	2.0	12.10	21.56	0.00	1.10	
TERRAZZO FINISHER	All	BLD		45.57	45.57	1.5	1.5	2.0	2.0	12.25	17.14	0.00	1.03	
TERRAZZO MECHANIC	All	BLD		49.41	52.91	1.5	1.5	2.0	2.0	12.25	18.60	0.00	1.07	
TRAFFIC SAFETY WORKER I	All	HWY		39.30	40.90	1.5	1.5	2.0	2.0	9.65	9.10	0.00	0.10	
TRAFFIC SAFETY WORKER II	All	HWY		40.30	41.90	1.5	1.5	2.0	2.0	9.65	9.10	0.00	0.10	
TRUCK DRIVER	All	ALL	1	41.06	41.61	1.5	1.5	2.0	2.0	10.83	14.15	0.00	0.15	
TRUCK DRIVER	All	ALL	2	41.21	41.61	1.5	1.5	2.0	2.0	10.83	14.15	0.00	0.15	
TRUCK DRIVER	All	ALL	3	41.41	41.61	1.5	1.5	2.0	2.0	10.83	14.15	0.00	0.15	
TRUCK DRIVER	All	ALL	4	41.61	41.61	1.5	1.5	2.0	2.0	10.83	14.15	0.00	0.15	
TUCK POINTER	All	BLD		49.53	50.53	1.5	1.5	2.0	2.0	9.04	21.06	0.00	1.07	

## **Legend**

**Rg** Region

**Type** Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

**C** Class

**Base** Base Wage Rate

**OT M-F** Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

**OT Sa** Overtime pay required for every hour worked on Saturdays

**OT Su** Overtime pay required for every hour worked on Sundays

**OT Hol** Overtime pay required for every hour worked on Holidays

**H/W** Health/Welfare benefit

**Vac** Vacation

**Trng** Training

**Other Ins** Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations DUPAGE COUNTY

IRON WORKERS AND FENCE ERECTOR (WEST) - West of Route 53.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

## EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

## TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

## TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

## CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

#### COMMUNICATIONS TECHNICIAN

Low voltage installation, maintenance and removal of telecommunication facilities (voice, sound, data and video) including telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

#### MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

#### OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines;