



Local Public Agency Formal Contract Proposal



COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Type of Funds

 Proposal Only Proposal and Plans Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:**For a County and Road District Project**

Submitted/Approved

Highway Commissioner Signature

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

For a Municipal Project

Submitted/Approved/Passed

Signature

Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature

Date

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Evanston	Cook	22-00292-00-RS	Various Streets

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of VIRTUALLY VIA DEMANDSTAR

 Name of Office
 until 2:00 PM on 04/26/22

 Address Time Date

Sealed proposals will be opened and read publicly at the office of VIRTUALLY VIA GOOGLE MEET

 Name of Office
 at 2:15 PM on 04/26/22

 Address Time Date

DESCRIPTION OF WORK

Location	Project Length
Various Streets	6173 Feet

Proposed Improvement
 The resurfacing of various streets with utility improvements, replacement of curb, adjacent sidewalk and all incidental construction work. Also Hot Mix Asphalt surface patching on various streets.

1. Plans and proposal forms will be available in the office of
 Effective immediately, the City of Evanston will no longer accept hard copy submittals for any solicitations. Responses will only be accepted via E-Bidding through Demandstar (www.Demandstar.com)

2. Prequalification
 If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.
4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
 - a. Local Public Agency Formal Contract Proposal (BLR 12200)
 - b. Schedule of Prices (BLR 12201)
 - c. Proposal Bid Bond (BLR 12230) (if applicable)
 - d. Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
 - e. Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)
5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.
6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Evanston	Cook	22-00292-00-RS	Various Streets

PROPOSAL

1. Proposal of _____ Contractor's Name _____
 _____ Contractor's Address _____
2. The plans for the proposed work are those prepared by Engineering Division, City of Evanston 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 09/16/22 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 Collector, City of Evanston Treasurer of _____.
 The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

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

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Evanston	Cook	22-00292-00-RS	Various Streets

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 of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Evanston	Cook	22-00292-00-RS	Various Streets

SIGNATURES

(If an individual)

Signature of Bidder		Date
Business Address		
City	State	Zip Code

(If a partnership)

Firm Name		
Signature		Date
Title		
Business Address		
City	State	Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name		
Signature		Date
Title		
Business Address		
City	State	Zip Code

Insert Names of Officers

President
Secretary
Treasurer

Attest:

Secretary



Apprenticeship and Training Program Certification



Local Public Agency	County	Street Name/Road Name	Section Number
City of Evanston	Cook	Various	22-00292-00-RS

All contractors are required to complete the following certification

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

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

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

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

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

Bidder	Signature	Date	
<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 40px;"></div>	<div style="border: 1px solid black; height: 40px;"></div>	
Title			
<div style="border: 1px solid black; height: 20px;"></div>			
Address	City	State	Zip Code
<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 20px;"></div>



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

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

Item Number	Items	Unit	Quantity	Unit Price	Total
1	TEMPORARY FENCE	FOOT	2320		
2	TREE TRUNK PROTECTION	EACH	11		
3	TREE ROOT PRUNING	FOOT	1285		
4	TREE PRUNING	EACH	161		
5	SUPPLEMENTAL WATERING	UNIT	18		
6	EARTH EXCAVATION	CU YD	8		
7	TOPSOIL F & P, SPECIAL	CU YD	72		
8	SODDING, SALT TOLERANT	SQ YD	1485		
9	AGG BC, TY B, 4"	SQ YD	449		
10	AGG BC, TY B, 6"	SQ YD	80		
11	HES PCC BC WIDENING 9"	SQ YD	87		
12	AGG FOR TEMP ACCESS	TON	11		
13	BIT MATLS TACK CT	POUND	18290		
14	AGGREGATE (PRIME COAT)	TON	83		
15	MIX CR JTS FLANGEWYS	TON	17		
16	LEV BIND MM N50	TON	1051		
17	HMA SURF REM BUTT JT	SQ YD	1380		
18	TEMPORARY RAMP	SQ YD	420		
19	HMA SC "D" N50	TON	3464		
20	INCIDENTAL HMA SURF	TON	55		

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Evanston	Cook	22-00292-00-RS	Various Streets

Item Number	Items	Unit	Quantity	Unit Price	Total
21	TEMP HOT-MIX ASPHALT	TON	6		
22	PCC DRIVEWAY PAVT 6"	SQ YD	71		
23	PCC DRIVEWAY PAVT 8"	SQ YD	90		
24	PC CONC SIDEWALK 5"	SQ FT	6780		
25	DETECTABLE WARNINGS	SQ FT	760		
26	HMA SURF REM 2"	SQ YD	9730		
27	HMA SURF REM VAR DP	SQ YD	18855		
28	PAVEMENT REMOVAL	SQ YD	275		
29	DRIVE PAVEMENT REM	SQ YD	251		
30	CURB REMOVAL	FOOT	2650		
31	COMB CURB GUTTER REM	FOOT	705		
32	SIDEWALK REM	SQ FT	6875		
33	CL C PATCH, SPECIAL 9" HES	SQ YD	60		
34	CL D PATCH, SPECIAL 9"	SQ YD	415		
35	FIBERGLASS FAB REP SY	SQ YD	110		
36	CATCH BASIN RECONST	EACH	1		
37	MANHOLE RECONST	EACH	6		
38	VALVE VAULT RECONST	EACH	3		
39	VALVE BOX ADJUST	EACH	10		
40	FR & GRATES ADJUST	EACH	13		
41	FR & LIDS ADJUST	EACH	9		
42	FR & LIDS ADJUST SPECIAL	EACH	38		
43	FR & LIDS OPEN SPECIAL	EACH	3		
44	FR & LIDS CLOSED SPECIAL	EACH	19		
45	CONC CURB TB AEP MOD	FOOT	935		
46	COMB CC&G TB6.12 AEP MO	FOOT	2420		
47	NON-SPECIAL WASTE DISP	CU YD	60		
48	SOIL DISPOSAL ANALYSIS	EACH	1		
49	MOBILIZATION	LSUM	1		
50	TRAFFIC CONTROL AND PRO	LSUM	1		
51	PVT MK TAPE, TYPE 1	FOOT	1805		
52	SHORT TRM PVT MK REM	SQ FT	350		
53	DETECTOR LOOP REPLACE	FOOT	305		
54	THPL PVT MK LTR & SYM	SQ FT	111		
55	THPL PVT MK LINE 4"	FOOT	10260		
56	THPL PVT MK LINE 6"	FOOT	8565		
57	THPL PVT MK LINE 12"	FOOT	940		

Local Public Agency		County		Section Number		Route(s) (Street/Road Name)	
City of Evanston		Cook		22-00292-00-RS		Various Streets	
58	THPL PVT MK LINE 24"	FOOT	1111				
59	CHANGE MESSAGE SIGN	CAL DAY	24				
60	PREFORMED THPL BIKE SY	EACH	12				
61	CONSTRUCTION LAYOUT	L SUM	1				
62	STREET SWEEPING	EACH	9				
63	REM AND RESET PAVERS	SQ FT	80				
64	LAWN SPRINKLER REPAIR	FOOT	480				
						Bidder's Total Proposal	

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



Affidavit of Illinois Business Office



Local Public Agency	County	Street Name/Road Name	Section Number
City of Evanston	Cook	Various	22-00292-00-RS

I, _____ of _____, _____,
Name of Affiant City of Affiant State of Affiant

being first duly sworn upon oath, state as follows:

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

Signature	Date

Print Name of Affiant

Notary Public

State of **IL**

County _____

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

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

Bidder

Signature of Notary Public

(SEAL)

My commission expires _____



Local Public Agency Proposal Bid Bond



Local Public Agency: City of Evanston, County: Cook, Section Number: 22-00292-00-RS

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

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

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

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

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

Principal

Principal signature block: Company Name, Signature, Date, Title

Surety signature block: Company Name, Signature, Date, Title

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

Surety

Name of Surety

Signature of Attorney-in-Fact, Date

STATE OF IL
COUNTY OF

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

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

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

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

(SEAL)

Notary Public Signature

Date commission expires _____

Local Public Agency

County

Section Number

City of Evanston

Cook

22-00292-00-RS

ELECTRONIC BID BOND

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

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

Electronic Bid Bond ID Code

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

Company/Bidder Name

--

Signature

--

Date

--

Title

--



Affidavit of Availability

For the Letting of



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

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

Part I. Work Under Contract

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

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

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

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

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

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

Part III. Work Subcontracted to Others.

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

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

Notary

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

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

Add pages for additional contracts

CITY OF EVANSTON
SPECIFICATIONS AND BID DOCUMENTS
Construction Bid with Sub-contractors

BID NUMBER: 22-23

For

2022 Rebuild IL / MFT RESURFACING PROJECT
March 24, 2022



BID DUE DATE: 2:00 P.M., Tuesday, April 26, 2022

VIRTUAL BID OPENING: 2:15 P.M., Tuesday, April 26, 2022
Google Meet ID:
meet.google.com/erk-vjyw-pza
Phone Numbers:
(US) [+1 617-675-4444](tel:+16176754444)
PIN: 491 020 418 0044#

BID BOND: 5% of Contract Amount

**PERFORMANCE/MATERIAL
& LABOR PAYMENT BOND:** 100% of Contract Amount

CONTRACT PERIOD: Contract award through December 31, 2022

ELECTRONIC BID SUBMITTAL:

Bid responses will only be accepted electronically
via E-bidding through DemandStar (WWW.DEMANDSTAR.COM)

**It is highly recommended that new DemandStar users complete the account
setup process prior to project due date/time.**

TABLE OF CONTENTS

SPECIFICATION SECTION NUMBERS	PAGES
DIVISION 0 – BIDDING REQUIREMENTS	
Notice to Bidders	1
Insurance Requirements	1
RETURN ALL EXHIBITS WITH THE BID	
Exhibit B City of Evanston M/W/EBE Policy	1
Exhibit C M/W/EBE Participation Compliance Form	2
Exhibit D M/W/EBE Participation Waiver Request	1
Exhibit E Construction Contractors’ Assistance Organizations	1
*Exhibit F Local Employment Program Compliance- NOT APPLICABLE	2
Exhibit G Certification of Bidder Regarding Equal Employment Opportunity	1
Exhibit H Disclosure of Ownership Interests	4
Exhibit I Additional Information Sheet	1
Exhibit J Certification of Compliance with Prevailing Wage Rate Act	1
Exhibit K Major Sub-contractors Listing	1
Exhibit L Conflict of Interest	1
Exhibit M Signature Form.....	1
Exhibit N Contractor Services Agreement Acknowledgement.....	1
Exhibit N Contractor Services Agreement	22
Exhibit O BID Bond Submittal Label.....	1
ATTACHMENTS	
Contract Specifications	102 pages
Prevailing Wages	6 pages
DemandStar E-bidding Information	14 pages
SEPARATE DOCUMENTS	
Appendix A Pavement Core Location Maps.....	609 pages
Plan Set 1.....	12 pages
Plan Set 2A.....	12 pages
Plan Set 2B.....	10 pages

CITY OF EVANSTON

NOTICE TO BIDDERS

Bids will be received by the City's Purchasing Office until 2:00 P.M. local time Tuesday, April 26, 2022 and will be publically read virtually via Google Meets at 2:15 P.M. Interested parties can use the following link: meet.google.com/erk-vjyw-pza or join by phone 617-675-4444 PIN: 491 020 418 0044# to access the virtual bid opening. Effective immediately, the City of Evanston will no longer accept hard copy paper submittals for any solicitation. Responses will only be accepted electronically via E-bidding through DemandStar (www.demandstar.com). Although registration is required, vendors can download solicitations and upload responses for free. Bids shall cover the following:

2022 Rebuild IL / MFT RESURFACING PROJECT

Bid Number: 22-23

Work on this project includes: the resurfacing of various streets with minor utility repairs, ADA Ramps, concrete curb and sidewalk replacement and all incidental work including all materials and, equipment. Bidders must be pre-qualified by Illinois Department of Transportation and present IDOT issued "Certificate of Eligibility" with proposal.

The above item shall conform to the Invitation for Bids on file in the Purchasing Office. Parties interested in submitting a bid should contact the Purchasing Office to receive a copy of the bid or see the City's website at: www.cityofevanston.org/business/bids-proposals/ or DemandStar at: www.demandstar.com.

The City of Evanston (the City) in accordance with the laws of the State of Illinois, hereby notifies all Bidders that it will affirmatively ensure that the contract(s) entered into pursuant to this Notice will be awarded to the successful Bidders without discrimination on the ground of race, color, religion, sex, age, sexual orientation, marital status, disability, familial status or national origin. The State of Illinois requires under Public Works contracts that the general prevailing rate of wages in this locality be paid for each craft or type of worker hereunder. This requirement is in accordance with The Prevailing Wage Act (820 ILCS 130) as amended. The City of Evanston reserves the right to reject any or all submittals or to accept the submittal(s) deemed most advantageous to the City.

The Evanston City Council also reserves the right to award the contract to an Evanston firm if that firm's bid is within 5% of the low bid.

Each Bidder shall be required to submit with their bid a disclosure of ownership interest statement form in accordance with the provisions of City Code Section 1-18-1 *et seq.* Failure to submit such information will result in the disqualification of such bid.

Linda Thomas
Purchasing Specialist

INSURANCE REQUIREMENTS

<u>TYPE OF INSURANCE</u>	<u>MINIMUM</u>	<u>INSURANCE</u>	<u>COVERAGE</u>
	Consequent Death		Bodily Injury and Property Damage
	Each Occurrence		Aggregate
Commercial General Liability including:	\$3,000,000		\$3,000,000
1. Comprehensive form			
2. Premises - Operations			
3. Explosion & Collapse Hazard			
4. Underground Hazard			
5. Products/Completed Operations Hazard			
6. Contractual Insurance – With an endorsement on the face of the certificate that it includes the "Indemnity" paragraph of the specifications.			
7. Broad Form Property Damage - construction projects only			
8. Independent contractors			
9. Personal Injury			
Automobile Liability Owned, Non-owned or Rented	\$ 1,000,000		\$1,000,000
Workmen's Compensation and Occupational Diseases As required by applicable laws. Employer's Liability			\$ 500,000

**Insurance Certificate Must State:
The City Of Evanston is Named
as Additional Insured**

Thirty day notice of cancellation required on all certificates.

EXHIBIT B

City of Evanston M/W/EBE Policy

A City of Evanston goal is to provide contracting and sub-contracting opportunities to Minority Business Enterprises, Women Business Enterprises, and Evanston Business Enterprises. The goal of the Minority, Women and Evanston Business Enterprise Program (M/W/EBE) is to assist such businesses with opportunities to grow. To assist such growth, the City's goal is to have general contractors utilize M/W/EBEs to perform no less than 25% of the awarded contract.

Firms bidding on projects with the City must work to meet the 25% goal or request a waiver from participation. It is advised that bidders place advertisements requesting sub-contractors and that they email or contact individual firms that would be appropriate to partner in response to the project. For samples of possible advertisements, see the City of Evanston's Business Diversity Section <http://www.cityofevanston.org/business/business-diversity/> ([Sample Advertisement](#)). If you request a paper copy of the additional documents, it will be available free of charge from the Purchasing Office, 2100 Ridge Road Suite 4200, Evanston, IL 60201.

If a bidder is unable to meet the required M/W/EBE goal, the Bidder must seek a waiver or modification of the goal on the attached forms. Bidder must include:

1. A narrative describing the Bidder's efforts to secure M/W/EBE participation prior to the bid opening.
2. Documentation of each of the assist agencies that were contacted, the date and individual who was contacted, and the result of the conversation (see form)
3. A letter attesting to instances where the bidder has not received inquiries/proposals from qualified M/W/EBEs
4. Names of owners, addresses, telephone numbers, date and time and method of contact of qualified M/W/EBE who submitted a proposal but was not found acceptable.
5. Names of owners, addresses, telephone numbers, date and time of contact of at least 15 qualified M/W/EBEs the bidder solicited for proposals for work directly related to the Bid prior to the bid opening (copies must be attached).

If a bidder is selected with a Sub-contractor listed to meet the M/W/EBE goal, a "monthly utilization report" will be due to the City prior to each payment being issued to the Contractor. This report will include documentation of the name of the firm hired, the type of work that firm performed, etc. Should the M/W/EBE not be paid according to the schedule proposed in this document, the City reserves the right to cancel the contract. Examples of this monthly form can be found on the City's website: <http://www.cityofevanston.org/business/business-diversity/> ([MWEBE Monthly Utilization Report](#)).

EXHIBIT C

M/W/EBE PARTICIPATION COMPLIANCE FORM

I do hereby certify that

_____ (Name of firm) intends to participate as a Subcontractor or General Contractor on the project referenced above.

This firm is a (check only one):

_____ Minority Business Enterprise (MBE), a firm that is at least 51% managed and controlled by a minority, certified by a certifying agency within Illinois.

_____ Women's Business Enterprise (WBE), a firm that is at least 51% managed and controlled by a woman, certified by a certifying agency within Illinois.

_____ Evanston Based Enterprise (EBE), a firm located in Evanston for a minimum of one year and which performs a "commercially useful function".

Total proposed price of response \$ _____

Amount to be performed by a M/W/EBE \$ _____

Percentage of work to be performed by a M/W/EBE _____ %

Information on the M/W/EBE Utilized:

Name _____

Address _____

Phone Number _____

Signature of firm attesting to participation _____

Title and Date _____

Type of work to be performed _____

Please attach:

1. Proper certification documentation if applying as a M/WBE and check the appropriate box below. This M/WBE will be applying with documentation from:

- | | |
|--|--|
| <input type="checkbox"/> Cook County | <input type="checkbox"/> State Certification |
| <input type="checkbox"/> Federal Certification | <input type="checkbox"/> Women's Business Enterprise National Council |
| <input type="checkbox"/> City of Chicago | <input type="checkbox"/> Chicago Minority Supplier Development Council |

2. Attach business license if applying as an EBE

EXHIBIT E

Construction Contractors' Assistance Organizations ("Assist Agencies") Form

AGENCY	DATE CONTACTED	CONTACT PERSON	RESULT OF CONVERSATION
Association of Asian Construction Enterprises (AACE) 5500 Touhy Ave., Unit K Skokie, IL. 60077 Phone: 847-5259693 Perry Nakachii, President			
Black Contractors United (BCU) 400 W. 76th Street Chicago, IL 60620 Phone: 773-483-4000; Fax: 773-483-4150 Email: bcunewera@ameritech.net			
Chicago Minority Business Development Council 105 West Adams Street Chicago, Illinois 60603 Phone: 312-755-8880; Fax: 312-755-8890 Email: info@chicagomsdc.org Shelia Hill, President			
Evanston Minority Business Consortium, Inc. P.O. Box 5683 Evanston, Illinois 60204 Phone: 847-492-0177 Email: embcinc@aol.com			
Federation of Women Contractors 5650 S. Archer Avenue Chicago, Illinois 60638 Phone: 312-360-1122; Fax: 312-360-0239 Email: FWCChicago@aol.com Contact Person: Beth Doria Maureen Jung, President			
Hispanic American Construction Industry (HACIA) 901 W. Jackson, Suite 205 Chicago, IL 60607 Phone: 312-666-5910; Fax: 312-666-5692 Email: info@haciaworks.org			
Women's Business Development Ctr. 8 S. Michigan Ave, Suite 400 Chicago, Illinois 60603 Phone: 312-853-3477 X220; Fax: 312-853-0145 Email: wbdc@wbdc.org Carol Dougal, Director			

PLEASE NOTE: Use of Construction Contractor's Assistance Organization (Assist Agencies") Form and agencies are for use as a resource only. The agencies and or vendors listed are not referrals or recommendations by the City of Evanston.

EXHIBIT F – NOT APPLICABLE

CITY OF EVANSTON LOCAL EMPLOYMENT PROGRAM (LEP) COMPLIANCE

Effective Date January 1, 2015

City of Evanston Ordinance 60-O-14, Local Employment Program (LEP) New Penalties:

- **Ordinance 60-O-14**, Amendment to the MWEBE/LEP revising the penalty section from a \$100/per day to a 1.0% of total project value penalty can be found at: Ordinance 60-O-14 Amendment MWEBE LEP of the Evanston City Code Section 1-17-1 (C) can be found at Municode Library. The following are excerpts from Ordinance 60-O-14, Amending City Code Section 1-17-1(C) (11): Penalty.

If the contractor or sub-contractor fails to comply: The City may impose a fine up to one percent (1.0%) of the approved project price in total. Contractors or sub-contractors that are out of compliance due to a resident termination or resignation shall immediately notify the Business Workforce Compliance Coordinator of this occurrence within two (2) business days. Subsequently, the contractor or sub-contractor shall have five (5) additional business days to replace a terminated or resigned worker with another resident.

If the contractor or sub-contractor fails to comply: If the contractor or sub-contractor fails to make the replacement or to notify the Business Workforce Compliance Coordinator of this occurrence, the offending party will also be subject to a penalty up to one percent (1.0%) of the approved project price. If the noncompliant contractor makes a good faith effort to replace the resident, the fine may be waived.

If the contractor or sub-contractor fails to comply: At the sole discretion of the City, a contractor or sub-contractor that has violated the terms of the Local Employment Program within a three-year period may be determined a non-responsible bidder and excluded from bidding on future projects for a period of not less than one year.

If the employee (LEP Evanston resident) fails to comply: At the sole discretion of the City, an employee that has been hired through the LEP may be removed from the program for a period of not less than one year for failing to adhere to program guidelines or due to termination by the contractor for cause. Such termination process will be reviewed by the Business Workforce Compliance Coordinator.

****Detailed Local Employment Program Instructions “How to Comply” can be found at: [Local Employment Program Detailed Instructions](#)**

Local Employment Program or Exhibit F Questions: City staff is available for assistance to help with compliance. Submit questions in writing to Tammi Nunez, Purchasing Manager at tnunez@cityofevanston.org.

EXHIBIT F – NOT APPLICABLE

LOCAL EMPLOYMENT PROGRAM COMPLIANCE
CITY CODE SECTION 1-17-1(C): LOCAL EMPLOYMENT PROGRAM

I have read and understood the requirements of the City of Evanston Local Employment Program (“LEP”) as set forth in City of Evanston Code Section 1-17-1(C): Local Employment Program. I intend to comply with the program as follows:

Estimated total labor cost = \$ _____ 15% of total labor cost = \$ _____

- _____ My total bid, including all alternates, is under \$250,000, and the LEP does not apply.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and I already employ, and will continue to employ for the duration of the contract for which I am submitting this bid, Evanston residents (residing in zip codes 60201 or 60202) for at least 15% of all hours worked at the construction site by construction trade workers.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and I will employ, for the duration of the contract for which I am submitting this bid, through use of the City of Evanston database or otherwise, Evanston residents (residing in zip codes 60201 or 60202) for at least 15% of all hours worked at the construction site by construction trade workers.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and I have been unable to comply with the LEP requirements but am willing to work with the City to achieve compliance.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and after having made sincere attempt to comply as noted below, I seek a waiver on a portion or all of the LEP requirements on this contract. Complete next section “Reasons for Waiver Request” below.

I UNDERSTAND THAT FAILURE TO COMPLY WITH THE LEP, REGARDLESS OF INTENT, MAY RESULT IN MAXIMUM PENALTY AS SET FORTH IN CITY CODE SECTION 1-17-1(C)(11), AS AMENDED.

WAIVER WILL BE GRANTED ONLY AFTER SINCERE ATTEMPT TO COMPLY*

REASONS FOR WAIVER REQUEST: PLEASE CHECK ALL THAT APPLY AND COMPLETE INFORMATION REQUESTED:

- 1. I have made sincere attempt as otherwise indicated below, but have nonetheless been unable to comply.
 - a. I do or will employ Evanston residents for the project, but such employment amounts to ____% of total labor cost.
- 2. The nature of the job is so technical that after having made sincere attempt as otherwise indicated below, I have been unable to locate any Evanston residents qualified to perform any aspects of the work. Please describe applicable job requirements/qualifications. Attach separate sheet if necessary:

*THE FOLLOWING DEMONSTRATE **SINCERE ATTEMPT TO COMPLY**: PLEASE CHECK EACH BOX COMPLETED, AS APPLICABLE:

- 3. I have utilized the local resident database and otherwise worked with the City in attempt to hire Evanston residents in compliance with LEP on this project, and have nonetheless been unable to comply;
- 4. I have placed one or more ads in a local newspaper seeking to hire Evanston residents in compliance with LEP on this project, and have nonetheless been unable to comply; and
- 5. If I am utilizing union labor, I have contacted Chicagoland labor unions to request Evanston residents for employment in compliance with LEP on this project, and have nonetheless been unable to comply.

I have read The City of Evanston, Local Employment Program (LEP) requirements as set forth in City Code Section 1-17-1(C): Local Employment Program. I understand and will comply with the LEP requirements for this project with respect to the job and/or any waiver, as applicable. **I UNDERSTAND THAT IF MY APPLICATION IS NOT COMPLETE, MY BID MUST BE REJECTED.**

SIGNED:

Signature Printed Name and Title Date

On behalf of Company: _____

EXHIBIT G

**CERTIFICATION OF BIDDER REGARDING
EQUAL EMPLOYMENT OPPORTUNITY
(Only if Contract Exceeds \$10,000)**

This certification is required pursuant to Executive Order 11246 (30 F.R. 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed sub-contractors, shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or sub-contract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION OF BIDDER

Name and Address of Bidder (Include ZIP Code)

IRS EMPLOYER I.D. NUMBER 36-_____

1. Bidder has participated in a previous contract or sub-contract subject to the Equal Opportunity Clause. Yes No

2. Bidder has filed all compliance reports due under applicable instructions. Yes No

3. Have you ever been or are you being considered for sanction due to violation of Executive Order 11246, as amended? Yes No

Name: _____

Title: _____

Signature: _____

Date: _____

EXHIBIT H

DISCLOSURE OF OWNERSHIP INTERESTS

City of Evanston Ordinance 15-0-78 requires all persons (APPLICANT) seeking to do business with the City to provide the following information with their bid. Every question must be answered. If the question is not applicable, answer with "NA".

APPLICANT NAME: _____

APPLICANT ADDRESS: _____

TELEPHONE NUMBER: _____

FAX NUMBER: _____

APPLICANT is (**Check One**)

- 1. Corporation ()
- 2. Partnership ()
- 3. Sole Owner ()
- 4. Association ()
- 5. Other () _____

Please answer the following questions on a separate attached sheet if necessary.

SECTION I - CORPORATION

1a. Names and addresses of all Officers and Directors of Corporation.

1b. (Answer only if corporation has 33 or more shareholders.) Names and addresses of all those shareholders owning shares equal to or in excess of 3% of the proportionate ownership interest and the percentage of shareholder interest. (Note: Corporations which submit S.E.C. form 10K may substitute that statement for the material required herein.)

1c. (Answer only if corporation has fewer than 33 shareholders.) Names and addresses of all shareholders and percentage of interest of each herein. (Note: Corporations which submit S.E.C. form 10K may substitute that statement for the material requested herein.)

SECTION 2 - PARTNERSHIP/ASSOCIATION/JOINT VENTURE

2a. The name, address, and percentage of interest of each partner whose interests therein, whether limited or general is equal to or in excess of 3%.

2b. Associations: The name and address of all officers, directors, and other members with 3% or greater interest.

SECTION 3 - TRUSTS

3a. Trust number and institution.

3b. Name and address of trustee or estate administrator.

3c. Trust or estate beneficiaries: Name, address, and percentage of interest in total entity.

SECTION 4 - ALL APPLICANTS - ADDITIONAL DISCLOSURE

4a. Specify which, if any, interests disclosed in Section 1, 2, or 3 are being held by an agent or nominee, and give the name and address of principal.

4b. If any interest named in Section 1, 2, or 3 is being held by a "holding" corporation or other "holding" entity not an individual, state the names and addresses of all parties holding more than a 3% interest in that "holding" corporation or entity as required in 1(a), 1(b), 1(c), 2(a), and 2(b).

4c. If "constructive control" of any interest named in Sections 1, 2, 3, or 4 is held by another party, give name and address of party with constructive control. ("Constructive control" refers to control established through voting trusts, proxies, or special terms of venture of partnership agreements.)

I have not withheld disclosure of any interest known to me. Information provided is accurate and current.

Date

Signature of Person Preparing Statement

Title

ATTEST: _____
Notary Public

(Notary Seal)

Commission Expires: _____

EXHIBIT I

ADDITIONAL INFORMATION SHEET

Bid/Proposal Name: _____

Bid/Proposal Number #: _____

Company Name: _____

Contact Name: _____

Address: _____

City, State, Zip: _____

Telephone/FAX: # _____

E-mail: _____

Comments: _____

EXHIBIT J

**CERTIFICATE OF COMPLIANCE
WITH PREVAILING WAGE RATE ACT**

The undersigned, upon being first duly sworn, hereby certifies to the City of Evanston, Cook, County, Illinois, that all work under this contract shall comply with the Prevailing Wage Rate Act of the State of Illinois, 820 ILCS 130 *et seq*, and as amended by Public Acts 86-799 and 86-693 and current City of Evanston Resolution, with rates to be paid in effect at time work is performed. Contractors shall submit monthly certified payroll records to the city.

Name of Contractor: _____

By: _____

By: State of _____, County of _____

Subscribed and sworn to before me this _____ day

of _____, _____.

Notary Public

EXHIBIT L

CONFLICT OF INTEREST

_____, hereby certifies that it has conducted an investigation into whether an actual or potential conflict of interest exists between the Bidder, its owners and employees and any official or employee of the City of Evanston.

Bidder further certifies that it has disclosed any such actual or potential conflict of interest and acknowledges if Bidder/proposer has not disclosed any actual or potential conflict of interest, the City of Evanston may disqualify the bid/proposal.

(Name of Bidder/proposer if the Bidder/proposer is an Individual)
(Name of Partner if the Bidder/proposer is a Partnership)
(Name of Officer if the Bidder/proposer is a Corporation)

The above statements must be subscribed and sworn to before a notary public.
Subscribed and Sworn to this _____ day of _____, 20

Notary Public

(Notary Seal)

Commission Expires: _____

EXHIBIT M

SIGNATURE FORM

THE SECTION BELOW MUST BE COMPLETED IN FULL AND SIGNED

The undersigned hereby certifies that they have read and understand the contents of this solicitation and attached service agreements, and agree to furnish at the prices shown any or all of the items above, subject to all instructions, conditions, specifications and attachments hereto. Failure to have read all the provisions of this solicitation shall not be cause to alter any resulting contract or to accept any request for additional compensation. By signing this document, the proposer hereby certifies that they are not barred from bidding on this contract as a result bid rigging or bid rotating or any similar offense (720 ILCS 5/33 E-3, E-4).

Authorized Signature: _____

Company Name: _____

Typed/Printed Name: _____

Date: _____

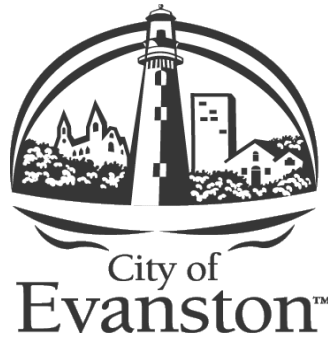
Title: _____

Telephone Number: _____

E-mail _____

Fax Number: _____

Exhibit N



CONTRACTOR SERVICES AGREEMENT

The parties referenced herein desire to enter into an agreement for professional services for

2022 REBUILD IL / MFT RESURFACING PROJECT

(BID #22-23)

THIS AGREEMENT (hereinafter referred to as the “Agreement”) is entered into between the City of Evanston, an Illinois municipal corporation with offices located at 2100 Ridge Avenue, Evanston Illinois 60201 (hereinafter referred to as the “City”), and *[Insert Contractor name here]*, with offices located at *[Insert Contractor address here]*, (hereinafter referred to as the “Contractor”). Compensation (the “Compensation”) for all basic services provided by the Contractor pursuant to the terms of this Agreement shall not exceed *[\$[Insert fee here]*.

Revision March 2020

TABLE OF CONTENTS

1	Services and Duties of the Contractor.....	1
2	Standard Certifications.....	4
3	Additional Services/Change Orders.....	7
4	Bonds	9
5	Liquidated Damages in the Event Contractor Fails to Complete the Work.....	10
6	The City’s Responsibilities	10
7	Period of Service.....	10
8	Payment for Services and Reimbursements.....	11
9	Notice and Cure/Termination	12
10	Insurance	13
11	Indemnification	15
12	Drawings and Documents	16
13	Successors and Assigns.....	16
14	Force Majeure	16
15	Amendments and Modifications.....	17
16	Standard of Care & Warranty	17
17	Savings Clause	18
18	Non-Waiver of Rights.....	19
19	Entire Agreement	19
20	Governing Law	19
21	Ownership of Contract Documents.....	19
22	Notice.....	19
23	Severability	20
24	Execution of Agreement	20
25	Counterparts.....	20
26	Authorizations.....	20
27	Time of Essence.....	20

RECITALS

WHEREAS, the City intends to retain the services of a qualified and experienced contractor for the following:

Work on this project includes: the resurfacing of various streets with minor utility repairs, ADA Ramps, concrete curb and sidewalk replacement and all incidental work including all materials and equipment. Bidders must be pre-qualified by Illinois Department of Transportation and present IDOT issued "Certificate of Eligibility with proposal.

WHEREAS, this Agreement shall include the following documents which are attached hereto:

- a) City of Evanston Bid 22-23, attached as Exhibit A.
- b) Contractor's response to Bid 22-23, attached as Exhibit B.
- c) Any sub-contractor sub-contracts related to this Agreement, attached as Exhibit C.
- d) Project Fee Schedule and hourly rates, attached as Exhibit D (N/A).

NOW, THEREFORE, in consideration of the mutual covenants hereinafter set forth, the parties agree as follows:

1 Services and Duties of the Contractor

1.1 The Contractor shall perform professional services and provide equipment (the "Work") in accordance with Exhibits A, B, C and D. The Contractor retains the right to control the manner of performance of the services provided for in this Agreement and is an independent contractor and not agent or an employee of the City. All employees and sub-contractors of the Contractor shall likewise not be considered to be employees of the City. Contractor is solely responsible for the means and methods of all work performed under the terms of this Agreement for this Project ("the Project"). Contractor is an independent Contractor and is solely responsible for all taxes, withholdings, and other statutory or contractual obligations of any sort, including but not limited to, Worker's Compensation Insurance. Nothing in this Agreement accords any third-party beneficiary rights whatsoever to any non-party to this Agreement that any non-party may seek to enforce. Contractor acknowledges and agrees that should Contractor or its sub-contractors provide false information, or fail to be or remain in compliance with this Agreement; the City may void this Agreement.

1.2 The Contractor warrants and states that it has read the Contract Documents, and agrees to be bound thereby, including all performance guarantees as respects Contractor's work and all indemnity and insurance requirements. Contractor further affirms that it has visited the Project site and has become familiar with all special conditions, if any, at the Project site. Contractor shall perform the Work and its obligations under this Agreement in accordance with and subject to the Contract Documents to the full extent that each such provision is applicable to the Work. Contractor shall take necessary precautions to properly protect the Work of others, if any, from damage caused

EXHIBIT N

by operations under this Agreement. In addition, Contractor shall protect the work during normal and adverse weather conditions until the Project is complete and accepted by the City, or until the Contractor has fully completed its work under this Agreement. Contractor's obligations include, but are not limited to, placing and adequately maintaining at or about all locations of Project work, sufficient guards, barricades, lights, and enclosures to protect the Work.

1.3 The Contractor shall not have any public or private interest and shall not acquire directly or indirectly any such interest which conflicts in any manner with the performance of its services under this Agreement.

1.4 The Contractor shall designate, in writing, a person to act as its Project Manager for the work to be performed under this Agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define the Contractor's policies and decisions with respect to the work covered by this Agreement.

1.5 The Contractor shall employ only persons duly licensed by the State of Illinois to perform the professional services required under this Agreement for which applicable Illinois law requires a license, subject to prior approval of the City. The Contractor shall employ only well qualified persons to perform any of the remaining services required under this Agreement, also subject to prior approval of the City. The City reserves the right to require replacement of Contractor, sub-contractor, or supplier personnel for any reason. Contractor will replace the unacceptable personnel at no charge to the City. For all solicitations or advertisements placed by or on behalf of Contractor for employees for this Project it will state that the Contractor is an Equal Opportunity Employer.

1.6 Pursuant to the Illinois Freedom of Information Act, 5 ILCS 140/7(2), records in the possession of others whom the City has contracted with to perform a governmental function are covered by the Act and subject to disclosure within limited statutory timeframes (five (5) working days with a possible five (5) working day extension). Upon notification from the City that it has received a Freedom of Information Act request that calls for records within the Contractor's control, the Contractor shall promptly provide all requested records to the City so that the City may comply with the request within the required timeframe. The City and the Contractor shall cooperate to determine what records are subject to such a request and whether or not any exemption to the disclosure of such records, or part thereof, is applicable. Contractor shall indemnify and defend the City from and against all claims arising from the City's exceptions to disclosing certain records which Contractor may designate as proprietary or confidential. Compliance by the City with an opinion or a directive from the Illinois Public Access Counselor or the Attorney General under FOIA, or with a decision or order of Court with jurisdiction over the City, shall not be a violation of this Section.

1.7 The Contractor shall obtain prior approval from the City prior to sub-contracting with any entity or person to perform any of the work required under this Agreement. The Contractor may, upon request of the City, submit to the City a draft sub-contractor agreement for City review and approval prior to the execution of such an agreement. Any previously entered into sub-contractor agreement(s) are attached as Exhibit C. If the Contractor sub-contracts any of the services to be

performed under this Agreement, the sub-contractor agreement shall provide that the services to be performed under any such agreement shall not be sublet, sold, transferred, assigned or otherwise disposed of to another entity or person without the City's prior written consent. The Contractor shall be responsible for the accuracy and quality of any sub-contractor's work.

1.8 The Contractor shall cooperate fully with the City, other City contractors, other municipalities and local government officials, public utility companies, and others, as may be directed by the City. This shall include attendance at meetings, discussions and hearings as requested by the City. This cooperation shall extend to any investigation, hearings or meetings convened or instituted by OSHA relative to this Project, as necessary. Contractor shall cooperate with the City in scheduling and performing its Work to avoid conflict, delay in or interference with the work of others, if any, at the Project.

1.9 The Contractor acknowledges that it shall enforce and comply with all applicable Occupational Safety and Health Administration standards (OSHA) for this Project in effect as of the date of the execution of this Agreement, or as otherwise promulgated by OSHA in the future taking effect during the pendency of this Project. Contractor shall enforce all such standards and ensure compliance thereto as to its own agents and employees, and as to the agents and employees of any sub-contractor throughout the course of this Project. Contractor is solely responsible for enforcing and complying with all applicable safety standards and requirements on this Project, and is solely responsible for correcting any practices or procedures which do not comply with the applicable safety standards and requirements for this Project. Any Project specific safety requirements applicable to this Project must be followed by Contractor and any sub-contractor(s) on the Project. Additionally, all such safety requirements shall be made a part of any sub-contractor agreement.

1.10 The Contractor shall submit to the City a progress report each month this Agreement is in effect. The report shall include the following items:

- a) A summary of the Contractor's project activities, and any sub-contractor project activities that have taken place during the invoice period;
- b) A summary of the Contractor's project activities and any sub-contractor project activities, that shall take place during the next invoice period;
- c) A list of outstanding items due to or from the City; and
- d) A status of the Project schedule.

1.11 The Contractor shall perform the work required under this Agreement pursuant to high quality industry standards expected by the City. The Contractor shall apply for and receive all appropriate permits before performing any work in the City. The Contractor shall also provide the appropriate permit drawings for Building Permits to be issued for the Project, if said permits are obligated by the Project. The City will assist the Contractor with obtaining the appropriate building and right-of-way permits.

1.12 The Contractor shall provide drawings of record, in the following 3 electronic formats for all locations where equipment has been installed and/or work has been performed. The electronic formats required by this Section 1.12 are Auto Cad Version 2007, ArcView and PDF.

EXHIBIT N

1.13 Contractor recognizes that proper cleanup and removal of construction debris is an important safety consideration. The Contractor shall be solely responsible for daily construction site/area cleanup and removal of all construction debris in accordance with City-approved disposal practices. Contractor shall be solely responsible for identifying and removing at its expense all hazardous material and waste which it uses and generates.

1.14 To the extent that there is any conflict between a provision specified in this Agreement, with a provision specified in any of the other Contract Documents, as defined in Section 1.15, this Agreement shall control. The City and the Contractor may amend this Section 1.14 as provided by Section 15 herein.

The Contractor acknowledges and agrees that the City has no retained control over any of the Work done pursuant to this Agreement, and that the City is expressly exempt from the retained control exception as defined in the Restatement of Torts, Second, Section 414. This provision shall survive completion, expiration, or termination of this Agreement.

1.15 The Contract Documents for this Project consist of:

- a) This Agreement;
- b) The City's RFP/RFQ, and the plans, specifications, general conditions, drawings addenda, and modifications thereto;
- c) The Contractor's response to the RFP/RFQ/Bid;
- d) Other exhibits and schedules, if any, listed in this Agreement;
- e) Amendments or Other Contract Documents, if any; and
- f) Amendments/Modifications to this Agreement issued after execution thereof.

1.16 As a condition of receiving payment, Contractor must (i) be in compliance with the Agreement, (ii) pay its employees prevailing wages when required by law (Examples of prevailing wage categories include public works, printing, janitorial, window washing, building and grounds services, site technician services, natural resource services, security guard and food services). Contractor is responsible for contacting the Illinois Dept. of Labor 217-782-6206; <http://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx> to ensure compliance with prevailing wage requirements), (iii) pay its suppliers and sub-contractors according to the terms of their respective contracts, and (iv) provide lien waivers to the City upon request.

2 Standard Certifications

Contractor acknowledges and agrees that compliance with this section and each subsection for the term of the Agreement is a material requirement and condition of this Agreement. By executing this Agreement, Contractor certifies compliance with this section and each subsection and is under a continuing obligation to remain in compliance and report any non-compliance.

This section, and each subsection, applies to sub-contractors used on this Agreement.

Contractor shall include these Standard Certifications in any sub-contract used in the performance of the Agreement.

If this Agreement extends over multiple fiscal years, Contractor and its sub-contractors shall confirm compliance with this section in the manner and format determined by the City by the date specified by the City and in no event later than January 1 of each year that this Agreement remains in effect.

If the City determines that any certification in this section is not applicable to this Agreement, it may be stricken, subject to sole approval by the City, without affecting the remaining subsections.

2.1 As part of each certification, Contractor acknowledges and agrees that should Contractor or its sub-contractors provide false information, or fail to be or remain in compliance with the Standard Certification requirements, one or more of the following sanctions will apply:

- the Agreement may be void by operation of law,
- the City may void the Agreement, and
- Contractor and its sub-contractors may be subject to one or more of the following: suspension, debarment, denial of payment, civil fine, or criminal penalty.

2.2 By signing this Agreement, the Contractor certifies that it has not been barred from being awarded a contract with a unit of State or local Government as a result of bid rigging or bid rotating or similar offense, nor has it made any admission of guilt of such conduct that is a matter of public record. (720 ILCS 5/33 E-3, E-4).

2.3 In the event of the Contractor's noncompliance with any provision of Section 1-12-5 of the Evanston City Code, the Illinois Human Rights Act or any other applicable law, the Consultant may be declared non-responsible and therefore ineligible for future contracts or sub-contracts with the City, and the contract may be cancelled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation.

2.4 During the term of this Agreement, the Contractor agrees as follows:

- a) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, marital status, national origin or ancestry, or age or physical or mental disabilities that do not impair ability to work, and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization. Consultant shall comply with all requirements of City of Evanston Code Section 1-12-5.
- b) That, in all solicitations or advertisements for employees placed by it on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, sexual orientation, marital status, national origin, ancestry, or disability.

2.5 The Contractor certifies pursuant to the Illinois Human Rights Act (775 ILCS 5/2105 *et. seq.*), that it has a written sexual harassment policy that includes, at a minimum, the following information:

- a) The illegality of sexual harassment;
- b) The definition of sexual harassment under State law;
- c) A description of sexual harassment utilizing examples;
- d) The Contractor's internal complaint process including penalties;
- e) Legal recourse, investigation and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission, and directions on how to contact both; and
- f) Protection against retaliation as provided to the Department of Human Rights.

2.6 In accordance with the Steel Products Procurement Act (30 ILCS 565), Contractor certifies steel products used or supplied in the performance of a contract for public works shall be manufactured or produced in the U.S. unless the City grants an exemption.

2.7 Contractor certifies that it is properly formed and existing legal entity and as applicable has obtained an assumed name certificate from the appropriate authority, or has registered to conduct business in Illinois and is in good standing with the Illinois Secretary of State.

2.8 If Contractor, or any officer, director, partner, or other managerial agent of Contractor, has been convicted of a felony under the Sarbanes-Oxley Act of 2002, or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953, Contractor certifies at least five years have passed since the date of the conviction.

2.9 Contractor certifies that if more favorable terms are granted by Contractor to any similar governmental entity in any state in a contemporaneous agreement let under the same or similar financial terms and circumstances for comparable supplies or services, the more favorable terms will be applicable under this Agreement.

2.10 Contractor certifies that it is not delinquent in the payment of any fees, fines, damages, or debts to the City of Evanston.

2.11 The Contractor certifies that all Design Professionals performing the Work under this Agreement will ensure that the Project shall be designed in conformance with the Americans with Disabilities Act of 1990, 42 U.S.C. Section 12101, *et seq.*, and all regulations promulgated thereunder. Design Professional means any individual, sole proprietorship, firm, partnership, joint venture, corporation, professional corporation, or other entity that offers services under the Illinois Architecture Practice Act of 1989 (225 ILCS 305/), the Professional Engineering Practice Act of 1989 (225 ILCS 325/), the Structural Engineering Licensing Act of 1989 (225 ILCS 340/), or the Illinois Professional Land Surveyor Act of 1989 (225 ILCS 330/).

2.12 The Contractor shall comply with all federal, state and local laws, statutes,

ordinances, rules, regulations, orders or other legal requirements now in force or which may be in force during the term of this Agreement. The Contractor shall comply with the Illinois Human Rights Act, 775 ILCS 5/1-101 *et. seq.*, Title VII of the Civil Rights Act of 1964, and the Illinois Prevailing Wage Act, 820 ILCS 130/0.01 *et. seq.*

3 Additional Services/Change Orders

3.1 If the representative of the City responsible for the Project verbally requests the Contractor to perform additional services, the Contractor shall confirm in writing that the services have been requested and that such services are additional services. Failure of the City to respond to the Contractor's confirmation of said services within thirty (30) calendar days of receipt of the notice shall be deemed a rejection of, and refusal to pay for the additional services. Contractor shall not perform any additional services until City has confirmed approval of said additional services in writing. If authorized in writing by the City, the Contractor shall furnish, or obtain from others, additional services of the following types, which shall be paid for by the City as set forth in Section 9 of this Agreement:

- a) Additional Services due to significant changes in scope of the Project or its design, including, but not limited to, changes in size, complexity or character of construction, or time delays for completion of work when such delays are beyond the control of the Contractor;
- b) Revisions of previously approved studies, reports, design documents, drawings or specifications;
- c) Preparation of detailed renderings, exhibits or scale models for the Project;
- d) Investigations involving detailed consideration of operations, maintenance and overhead expenses for the preparation of rate schedules, earnings and expense statements, feasibility studies, appraisals and valuations, detailed quantity surveys of material and labor, and material audits or inventories required for certification of force account construction performed by the City;
- e) Services not otherwise provided for in this Agreement.

3.2 The City may, upon written notice, and without invalidating this Agreement, require changes resulting in the revision or abandonment of work already performed by the Contractor, or require other elements of the work not originally contemplated and for which full compensation is not provided in any portion of this Agreement. Any additional services, abandonment of services which were authorized by the City, or changes in services directed by the City which result in the revision of the scope of services provided for in Exhibits A, B, C, and D that cause the total Compensation due Contractor under this Agreement to exceed \$25,000 or more, or increase or decrease the contract duration by more than 30 days are subject to approval by the Evanston City Council. These actions must be addressed either in a written Change Order or in a written amendment to this Agreement approved by both parties.

3.3 Contractor acknowledges and agrees that the Public Works Construction Change Order Act, 50 ILCS 525/1 *et seq.* shall apply to all Change Orders for the Project. It is expressly understood and agreed to by Contractor that it shall not be entitled to any damages or Compensation

from the City on account of delay or suspension of all or any part of the Work. Contractor acknowledges that delays are inherent in construction projects and Contractor assessed that risk and fully included that risk assessment within its contract sum specified in its Response to the City Bid for this Project. The City shall not compensate Contractor for work that is more difficult than the contract sum specified in its Response would reflect. Delays to minor portions of the Work will not be eligible for extensions of time.

Delays to the Project caused by labor disputes or strikes involving trades not directly related to the Project, or involving trades not affecting the Project as a whole will not be eligible for an extension of time.

The City will not grant an extension of time for a delay by the Contractor's inability to obtain materials unless the Contractor first furnishes to the City documentary proof. The proof must be provided in a timely manner in accordance with the sequence of the Contractor's operations and accepted construction schedule.

In addition to any other changes requested by City (as described in Sections 3.1 and 3.2), the Company shall be entitled to request (and the City may grant) Change Orders with respect to:

- (a) The City-caused delays;
- (b) Change in Law;
- (c) Force Majeure Events.

The foregoing events shall entitle the Contractor to a change in the Compensation for this Project, if the Contractor demonstrates that it will unavoidably incur reasonable costs as a result thereof and the Contractor provides reasonable and detailed documentary support with respect to any such price impact.

The parties agree to reasonably confer regarding any such disputes with respect to the issuance of a Change Order.

Any payment for compensable delay will only be based upon actual costs excluding, without limitation, what damages, if any, the Contractor may have reasonably avoided. The Contractor understands that this is the sole basis for recovering delay damages and explicitly waives any right to calculate daily damages for office overhead, profit, or other purported loss.

All Contractor Change Orders authorized under this Section 3 shall be made in writing. In remitting a Change Order, the Contractor must first show in writing that:

- (a) The work was outside the scope of this Agreement,
- (b) The extra work was not made necessary due to any fault of Contractor;
- (c) The circumstances said to necessitate the change in performance were not reasonably foreseeable at the time the Agreement was signed;
- (d) The change is germane to the original Agreement; and
- (e) The Change Order is in the best interest of the City and authorized by law.

Any person who fails to first obtain the City's written authorization for a Change Order commits a Class 4 felony. The written determination and the written Change Order resulting from that determination shall be preserved in the contract's file which shall be open to the public for inspection.

The City reserves all rights and causes of action, at law or equity, to seek redress against entities or persons who violate the requirements of this Section 3. By initialing below, Contractor hereby acknowledges that it is bound by this Section 3.

Contractor's Initials: _____

3.4 The Contractor is required to include the City of Evanston as a reference whenever and wherever the Contractor provides references for similar projects for a period of one (1) year from the date of Final Acceptance by the City of the Work for this Project.

4 Bonds

4.1 Before the Scheduled Construction Commencement Date, the Contractor is required to furnish unconditional performance and payment bonds in the amount of 100% of the Compensation as security for the faithful performance and completion of all the Contractor's obligations under the Contract Documents and covering the payment of all materials used in the performance of this Agreement and for all labor and services performed under this Agreement. All Bonds shall be issued on a form acceptable to the City. The bonds must be for the entire term of the Agreement. Failure to provide these bonds shall constitute a breach of Contractor's obligations under this Agreement. Each surety providing the Bonds must have a Best's rating not less than A/X and be licensed in Illinois and shall be named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 as published in the Federal Register and available on the website of the U.S. Department of the Treasury, Financial Management Service, at www.fms.treas.gov/c570/c570.html. All Bonds signed by an agent must be accompanied by a certified copy of his or her authority to act. It shall be the duty of the Contractor to advise the surety or sureties of any Change Orders that result in an increase to the Compensation and to ensure that the amounts of the Bonds are updated to reflect and cover any such increases throughout the course of the Project. The cost of such Bonds shall be included within the Compensation.

4.2 If the surety behind any Bond furnished by the Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in the State or it ceases to meet any of the requirements of this Contract, the Contractor shall, within [5] five days thereafter, substitute another Bond of equivalent value and surety, both of which must be acceptable to the City. In addition, no further progress payments under the Agreement will be made by the City until the Contractor complies with the provisions of this Agreement. The Contractor shall furnish to the City proof of any required bonds and proof of required insurance as one of the conditions precedent to payment under the Agreement. Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment or performance of obligations arising under the Contract, the Contractor

shall promptly furnish a copy of the bonds or authorize a copy to be furnished. All surety Bonds provided for in this Section shall incorporate by reference this Agreement, and any language that may be in any such surety Bond which conflicts with the provisions of this Agreement that define the scope of the surety('s) duty(ies) shall be of no force and effect.

5 Liquidated Damages in the Event Contractor Fails to Complete the Work

5.1 The parties agree that failure of Contractor to timely complete the Work required by this Agreement constitutes a default. The parties agree that this default will result in damage and injury to City. The parties further agree, however, that actual damages incurred by City as result of such default is difficult if not impossible to ascertain with any degree of certainty or accuracy. Accordingly, the parties have negotiated and have agreed that for each calendar day after written notice is delivered to Contractor and Contractor fails to cure such default, that Contractor will pay City, as and for liquidated damages, and not as a penalty, the sum of **One Thousand Five Hundred Dollars per day**. Contractor shall reimburse the City for all costs, expenses and fees (including, without limitation, attorneys' fees), if any, paid by the City in connection with such written demand by City. Contractor stipulates and agrees that the sums payable by Contractor under this Section are reasonable under the circumstances existing as of the execution of this Agreement. This Section 5.1 is not intended to limit any direct damages that may be recoverable by City related to the Contractor's failure to complete the Work in accordance with this Agreement. There shall be no early completion bonus if the Work is completed before the substantial completion date. The City, at its option, may withhold liquidated damages from progress payments payable to Contractor before the substantial completion date.

6 The City's Responsibilities

6.1 The City may evaluate the Contractor's and any sub-contractor's performance (interim and final). Timeliness in meeting the Project schedule and the overall relationship with the Contractor are factors that will be considered in the Contractor's performance rating. An unfavorable performance rating may be a factor when future assignments are being considered.

6.2 The City makes no representation or warranty of any nature whatsoever as to the accuracy of information or documentation provided by the City to the Contractor which were generated or provided by third parties.

7 Period of Service

7.1 The Contractor shall commence work on the Project after supplying the City with the Contractor's performance and payment bonds and all required insurance documents before starting its Work on this Project. The City shall determine when the Contractor has completed the Work required pursuant to this Agreement, and shall determine the date of Final Acceptance. Contractor recognizes time is of the essence regarding its performance on this Project. Contractor shall continue to perform its obligations while any dispute concerning the Agreement is being resolved, unless otherwise directed by the City.

7.2 Each phase of the project shall be completed in accordance with the activities outlined in the City's Bid 22-23, Exhibit A. Project phases include:

7.2.1 As Specified in Special Provision

8 Payment for Services and Reimbursements

8.1 Within the first five (5) business days of each month, the Contractor shall invoice the City for Work completed during the previous month. The Contractor shall provide a detailed invoice that relates invoiced items to the Contractor's response to Bid 22-23 in both quantity and unit cost. Any discrepancies in the monthly invoice shall be promptly brought to the attention of the Contractor by the City Project Manager and efforts shall be made to promptly resolve said discrepancies between the City and Contractor. In the event the City and Contractor cannot resolve invoice discrepancies, items in dispute will be removed from the invoice and the City shall approve the remainder of the invoice. Payment will be made as soon as possible following the City Council meeting in which the item appeared on the bills list, and in accordance with all applicable laws and rules of the City of Evanston and the State of Illinois.

8.2 In the event of termination by the City of this Agreement pursuant to paragraph 9.1 after completion of any phase of the basic services, fees due the Contractor for services rendered through such phase shall constitute final payment for such services, and no further fees shall be due to the Contractor. In the event of such termination by the City during any phase of the basic services, the Contractor shall be paid for services rendered on the basis of the proportion of work completed on the phase to date of termination.

8.3 The City shall have the right to withhold payment to the Contractor due to the quality of a portion or all of the work performed hereunder which is not in accordance with the requirements of this Agreement, or which is unsatisfactory, or is due to the Contractor's failure or refusal to perform any of its obligations hereunder. Compensation in excess of the total contract amount specified in this Agreement will not be allowed unless justified in the City's sole judgment and authorized in advance as provided for in Section 3 of this Agreement. Compensation for improper performance by the Contractor is disallowed.

8.4 Upon completion of the Work performed by the Contractor, prior to the submission of a request for final payment, the City and Contractor shall perform a final acceptance test and review of the Work performed and/or equipment installed pursuant to the Agreement. A punch list of items outstanding will be jointly developed by the City and Contractor. In addition, the Contractor shall submit drawings of record for the Project for the City to approve. The Contractor shall promptly resolve all punch list items to the satisfaction of the City, and shall transmit to the City in writing confirmation that all punch list items have been resolved. The City will review, and the Contractor shall modify, as necessary, any drawings of record to the satisfaction of the City. Punch list items and drawings of record must be approved by the City prior to the Contractor submitting its final invoice for payment.

8.5 The Contractor shall submit an Affidavit and a final waiver of its lien, and all final waivers of liens of any sub-contractors, suppliers, and sub-sub-contractors, if applicable, with its final invoice, stating that all obligations incurred in performance of the professional services have been paid in full. The Affidavit will also include a statement stating that the professional services were performed in compliance with the terms of the Agreement. The Affidavit and all final lien waivers shall be on a form acceptable to the City.

8.6 All Project invoices shall be sent to:

City of Evanston *[Public Works Agency/ Capital Planning & Engineering]*
2100 Ridge Avenue
Evanston, Illinois 60201

with a copy to:

City of Evanston *[Sat Nagar, P.E.]*
Senior Project Manager
2100 Ridge Avenue
Evanston, Illinois 60201

9 Notice and Cure/Termination

9.1 In furtherance of Contractor's Work on this Project, the City and the Contractor agree that the following Notice and Cure provision in this Section 9.1 shall apply during the duration of Contractor's work on this Project, in addition to the reserved rights of the City enumerated in this Agreement as follows:

- 5.1 Liquidated Damages;
- 8.3 City's right to withhold payment;
- 16.2 Contractor's duty to revise and correct errors; and
- 16.3 Contractor's duty to respond to City's notice of errors and omissions.

The City may notify Contractor of its intent to terminate this Agreement within (7) seven calendar days of issuance by the City of written notice to Contractor's Project Manager regarding defects in the Project or in Contractor's Work. The City shall specify any such nonconforming Work or defects in the Project in its notice to Contractor under this Section 9.1. Contractor will have the opportunity to cure the non-conforming Work within (7) seven calendar days after receipt of the written notice issued by the City. All such curative work done shall be performed and completed to the City's satisfaction. Nothing in this Section 9.1 shall otherwise affect the City's right to exercise its rights in Section 9.2.

9.2 The City shall have the right to terminate this Agreement upon fifteen (15) days written notice for any reason. Mailing of such notice shall be equivalent to personal notice and shall be deemed to have been given at the time of receipt.

EXHIBIT N

Payments made by the City pursuant to this Agreement are subject to sufficient appropriations made by the City of Evanston City Council. In the event of termination resulting from non-appropriation or insufficient appropriation by the City Council, the City's obligations hereunder shall cease and there shall be no penalty or further payment required.

9.3 Within thirty (30) days of termination of this Agreement, the Contractor shall turn over to the City any documents, drafts, and materials, including but not limited to, outstanding work product, data, studies, test results, source documents, AutoCAD Version 2007, ArcView, PDF, Word, Excel spreadsheets, technical specifications and calculations, and any other such items specifically identified by the City related to the Work herein. Upon receipt of said items, the Contractor shall be paid for labor and expenses incurred to the date of termination as provided in Section 8.2. This Agreement is subject to termination by either party if either party is restrained by a state or federal court of competent jurisdiction from performing the provisions of this Agreement. Upon such termination, the liabilities of the parties to this Agreement shall cease, but they shall not be relieved of the duty to perform their obligations through the date of termination. No lien shall be filed by the Contractor in the event of a termination of this Agreement by the City.

9.4 If, because of death or any other occurrence, including, but not limited to, Contractor becoming insolvent, it becomes impossible for any principal or principals of the Contractor to render the services set forth in this Agreement, neither the Contractor, nor its surviving principals shall be relieved of their obligations to complete the professional services. However, in the event of such an occurrence, the City at its own option may terminate this Agreement if it is not furnished evidence that competent professional services can still be furnished as scheduled.

9.5 In the event of an emergency or threat to the life, safety or welfare of the citizens of the City, the City shall have the right to terminate this Agreement without prior written notice.

10 Insurance

10.1 The Contractor shall, at its own expense, secure and maintain in effect throughout the duration of this contract, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the Work hereunder by the Contractor, its agents, representatives, employees or sub-contractors. Contractor acknowledges and agrees that if it fails to comply with all requirements of this Section 10, the City may void the Agreement.

The Contractor must give to the City Certificates of Insurance identifying the City to be an Additional Insured for all Work done pursuant to this Agreement before City staff recommends award of the contract to City Council. Any limitations or modifications on the Certificate(s) of Insurance issued to the City in compliance with this Section that conflict with the provisions of this Section 10 shall have no force and effect.

After award of the Contract to Contractor (contracts over \$500,000 in value or if the project is deemed high risk) the Contractor **shall** give the City a certified copy (ies) of the insurance policy

EXHIBIT N

(ies) evidencing the amounts set forth in Section 10.2, and copies of the Additional Insured endorsement to such policy (ies) which name the City as an Additional Insured for all Work done pursuant to this Agreement before Contractor does any Work pursuant to this Agreement. Contractor's certificate of insurance shall contain a provision that the coverage afforded under the policy(s) will not be canceled or reduced without thirty (30) days prior written notice (hand delivered or registered mail) to the City. Contractor shall promptly forward new certificate(s) of insurance evidencing the coverage(s) required herein upon annual renewal of the subject policies.

The policies and the Additional Insured endorsement must be delivered to the City within two (2) weeks of the request. All insurance policies shall be written with insurance companies licensed or authorized to do business in the State of Illinois and having a rating of not less than A-VII according to the A.M. Best Company. Should any of the insurance policies be canceled before the expiration date, the issuing company will mail thirty (30) days written notice to the City. The Contractor shall require and verify that all sub-contractors maintain insurance meeting all of the requirements stated herein.

Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses.

10.2 Contractor shall carry and maintain at its own cost with such companies as are reasonably acceptable to City all necessary liability insurance (which shall include as a minimum the requirements set forth below) during the term of this Agreement, for damages caused or contributed to by Contractor, and insuring Contractor against claims which may arise out of or result from Contractor's performance or failure to perform the Services hereunder:

- a) Worker's compensation in statutory limits and employer's liability insurance in the amount of at least five hundred thousand dollars (\$500,000);
- b) Comprehensive general liability coverage which designates the City as an additional insured for not less than three million dollars (\$3,000,000) combined single limit for bodily injury, death and property damage, per occurrence;
- c) Comprehensive automobile liability insurance covering owned, non-owned, and leased vehicles for not less than one million dollars (\$1,000,000) combined single limit for bodily injury, death, or property damage, per occurrence; and

Contractor understands that the acceptance of Certificates of Insurance, policies, and any other documents by the City in no way releases the Contractor and its sub-contractors from the requirements set forth herein.

Contractor expressly agrees to waive its rights, benefits and entitlements under the "Other Insurance" clause of its commercial general liability insurance policy as respects the City. Contractor expressly agrees that its insurance coverage is required to be primary by this Agreement, that its insurance coverage shall be on a primary and non-contributory basis, and that it and its

insurance carrier are estopped from denying such coverage is primary. In the event Contractor fails to purchase or procure insurance as required above, the parties expressly agree that Contractor shall be in default under this Agreement, and that the City may recover all losses, attorney's fees and costs expended in pursuing a remedy, or reimbursement, at law or in equity, against Contractor.

11 Indemnification

11.1 The Contractor shall defend, indemnify and hold harmless the City and its officers, elected and appointed officials, agents, and employees from any and all liability, losses, or damages as a result of claims, demands, suits, actions, or proceedings of any kind or nature, including but not limited to costs, and fees, including attorney's fees, judgments or settlements, resulting from or arising out of any negligent or willful act or omission on the part of the Contractor or Contractor's sub-contractors, employees, agents or sub-contractors during the performance of this Agreement. Such indemnification shall not be limited by reason of the enumeration of any insurance coverage herein provided. This provision shall survive completion, expiration, or termination of this Agreement.

11.2 Nothing contained herein shall be construed as prohibiting the City, or its officers, agents, or employees, from defending through the selection and use of their own agents, attorneys, and experts, any claims, actions or suits brought against them. The Contractor shall be liable for the costs, fees, and expenses incurred in the defense of any such claims, actions, or suits. Nothing herein shall be construed as a limitation or waiver of defenses available to the City and employees and agents, including but not limited to the Illinois Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10/1-101 *et seq.*

At the City Corporation Counsel's option, Contractor must defend all suits brought upon all such Losses and must pay all costs and expenses incidental to them, but the City has the right, at its option, to participate, at its own cost, in the defense of any suit, without relieving Contractor of any of its obligations under this Agreement. Any settlement of any claim or suit related to this Project by Contractor must be made only with the prior written consent of the City Corporation Counsel, if the settlement requires any action on the part of the City.

To the extent permissible by law, Contractor waives any limits to the amount of its obligations to indemnify, defend, or contribute to any sums due under any Losses, including any claim by any employee of Contractor that may be subject to the Illinois Workers Compensation Act, 820 ILCS 305/1 *et seq.* or any other related law or judicial decision, including but not limited to, *Kotecki v. Cyclops Welding Corporation*, 146 Ill. 2d 155 (1991). The City, however, does not waive any limitations it may have on its liability under the Illinois Workers Compensation Act, the Illinois Pension Code or any other statute.

11.3 The Contractor shall be responsible for any losses and costs to repair or remedy work performed under this Agreement resulting from or arising out of any act or omission, neglect, or misconduct in the performance of its Work or its sub-contractors' work. Acceptance of the work by the City will not relieve the Contractor of the responsibility for subsequent correction of any such error, omissions and/or negligent acts or of its liability for loss or damage resulting therefrom.

11.4 All provisions of this Section 11 shall survive completion, expiration, or termination of this Agreement.

12 Drawings and Documents

12.1 Any drawings, survey data, reports, studies, specifications, estimates, maps, plans, computations, and other documents required to be prepared by the Contractor for the Project shall be considered Works for Hire and the sole property of the City.

12.2 The Contractor and its sub-contractor shall maintain for a minimum of three (3) years after the completion of this Agreement, or for three (3) years after the termination of this Agreement, whichever comes later, adequate books, records and supporting documents to verify the amounts, recipients and uses of all disbursements of funds passing in conjunction with the Agreement. The Agreement and all books, records and supporting documents related to the Agreement shall be available for review and audit by the City and the federal funding entity, if applicable, and the Contractor agrees to cooperate fully with any audit conducted by the City and to provide full access to all materials. Failure to maintain the books, records and supporting documents required by this Subsection shall establish a presumption in favor of the City for recovery of any funds paid by the City under the Agreement for which adequate books, records, and supporting documentation are not available to support their purported disbursement.

13 Successors and Assigns

13.1 The City and the Contractor each bind themselves and their partners, successors, executors, administrators, and assigns to the other party of the Agreement and to the partners, successors, executors, administrators, and assigns of such other party in respect to all covenants of this Agreement. Neither the City nor the Contractor shall assign, sublet, or transfer its interest in this Agreement without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public body, which may be a party hereto, nor shall it be construed as giving any right or benefits hereunder to anyone other than the City and the Contractor.

14 Force Majeure

14.1 Whenever a period of time is provided for in this Agreement for the Contractor or the City to do or perform any act or obligation, neither party shall be liable for any delays or inability to perform if such delay is due to a cause beyond its control and without its fault or negligence including, without limitation:

- a) Acts of nature;
- b) Acts or failure to act on the part of any governmental authority other than the City or Contractor, including, but not limited to, enactment of laws, rules, regulations, codes or ordinances subsequent to the date of this Agreement;
- c) Acts of war;
- d) Acts of civil or military authority;

- e) Embargoes;
- f) Work stoppages, strikes, lockouts, or labor disputes;
- g) Public disorders, civil violence, or disobedience;
- h) Riots, blockades, sabotage, insurrection, or rebellion;
- i) Epidemics or pandemics;
- j) Terrorist acts;
- k) Fires or explosions;
- l) Nuclear accidents;
- m) Earthquakes, floods, hurricanes, tornadoes, or other similar calamities;
- n) Major environmental disturbances; or
- o) Vandalism.

If a delay is caused by any of the *force majeure* circumstances set forth above, the time period shall be extended for only the actual amount of time said party is so delayed. Further, either party claiming a delay due to an event of *force majeure* shall give the other party written notice of such event within three (3) business days of its occurrence or it shall be deemed to be waived.

15 Amendments and Modifications

15.1 Except as otherwise provided herein, the nature and scope of Work specified in this Agreement may only be modified by a written Change Order, or a written amendment to this Agreement, approved by both parties. This Agreement may be modified or amended from time to time provided, however, that no such amendment or modifications shall be effective unless reduced to writing and duly authorized and signed by the authorized representatives of the parties.

16 Standard of Care & Warranty

16.1 The Contractor shall perform all of the provisions of this Agreement to the satisfaction of the City. The City shall base its determination of the Contractor's fulfillment of the scope of the work in accordance with generally accepted professional standards applicable to the Work for this Project. The Contractor shall perform all of the provisions of this Agreement with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar conditions.

16.2 The Contractor shall be responsible for the accuracy of its professional services under this Agreement and shall promptly make revisions or corrections resulting from its errors, omissions, or negligent acts without additional compensation. The City's acceptance of any of the Contractor's professional services shall not relieve the Contractor of its responsibility to subsequently correct any such errors or omissions. If a Contractor has provided the City with specifications for this Project which are determined to be incorrect or which require revision during the solicitation process (including but not limited to Requests for Proposals, Requests for Qualifications, or bids), the Contractor shall make such corrections or revisions to the specifications at no cost to the City. Further, upon receipt of an invoice from the City, the Contractor shall promptly reimburse the City for the reasonable costs associated with the preparation and dissemination of said corrections or revisions to appropriate parties, including but not limited to preparation of the corrected or revised

documents, and printing and distribution costs.

16.3 During the pendency of its Work on this Project, the Contractor shall respond to the City's notice of any errors or omissions within twenty-four (24) hours. The Contractor shall be required to promptly visit the Project site(s) if directed to by the City.

16.4 The Contractor shall comply with all federal, state, and local statutes, regulations, rules, ordinances, judicial decisions, and administrative rulings applicable to its performance under this Agreement.

16.5 Contractor guarantees and warrants to the City that:

- a) All materials and equipment furnished under this Agreement shall be of good quality and new, unless otherwise required or permitted by the Contract Documents;
- b) The Work of this Agreement shall be free from defects which are not inherent in the quality required; and
- c) The Work shall comply with the requirements set forth in the Contract Documents.

This warranty and guarantee shall be for a period of one (1) year from the date of completion and Final Acceptance of the Work by the City, or as otherwise provided in the Contract Documents.

If, within the one year warranty period, after the Contractor has received a final payment under this Agreement, any of the Work is found to be not be in accordance with the requirements of this Agreement, or where defects in materials or workmanship may appear, or be in need of repair, the Contractor shall correct non-conforming and/or defective work or materials promptly after receipt of written notice from the City. Contractor shall immediately at its own expense repair, replace, restore, or rebuild any such Work. This remedy is in addition to any other legal or equitable remedies the City may have under this Agreement or the law.

This guarantee and warranty shall not relieve Contractor of liability for latent defects, and shall be in addition to the City's rights under the law or other guarantees or warranties, express or implied.

16.6 The provisions of this Section 16 shall survive the completion, expiration or termination of this Agreement.

17 Savings Clause

17.1 If any provision of this Agreement, or the application of such provision, shall be rendered or declared invalid by a court of competent jurisdiction, or by reason of its requiring any steps, actions, or results, the remaining parts or portions of this Agreement shall remain in full force and effect.

18 Non-Waiver of Rights

18.1 No failure or delay by the City to exercise any power given to it hereunder or to insist upon strict compliance by Contractor with its obligations hereunder, nor any payment made by the City under this Agreement, shall constitute a waiver of the City's right to demand strict compliance with the terms hereof, unless such waiver is in writing and signed by the City.

19 Entire Agreement

19.1 This Agreement sets forth all the covenants, conditions and promises between the parties with regard to the subject matter set forth herein. There are no covenants, promises, agreements, conditions or understandings between the parties, either oral or written, other than those contained in this Agreement. This Agreement has been negotiated and entered into by each party with the opportunity to consult with its counsel regarding the terms therein. No portion of the Agreement shall be construed against a party due to the fact that one party drafted that particular portion as the rule of *contra proferentem* shall not apply.

20 Governing Law

20.1 This Agreement shall be construed in accordance with and subject to the laws and rules of the City of Evanston and the State of Illinois both as to interpretation and performance. Venue for any action arising out of or due to this Agreement shall be in Cook County, Illinois. The City shall not enter into binding arbitration to resolve any dispute related to this Agreement. The City does not waive tort immunity by entering into this Agreement.

21 Ownership of Contract Documents

21.1 Contractor is specifically prohibited from using in any form or medium, the name or logo of the City for public advertisement, unless expressly granted written permission by the City. Submission or distribution of documents to meet official regulatory requirements or for similar purposes in connection with this Project is not to be construed as publication in derogation of the City's reserved rights.

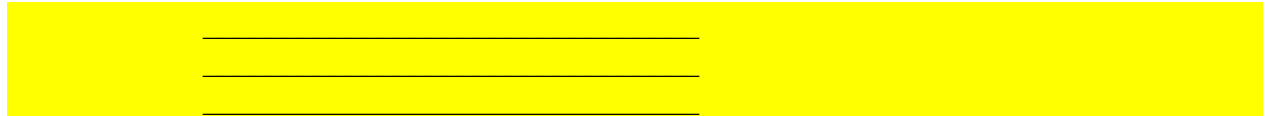
22 Notice

22.1 Any notice required to be given by this Agreement shall be deemed sufficient if made in writing and sent by certified mail, return receipt requested, or by personal service, to the persons and addresses indicated below or to such other addresses as either party hereto shall notify the other party of in writing pursuant to the provisions of this Subsection:

City of Evanston Project Manager, **Bid 22-23**
2100 Ridge Avenue
Evanston, Illinois 60201

if to the Contractor:

EXHIBIT N



22.2 Mailing of such notice as and when provided above shall be equivalent to personal notice and shall be deemed to have been given at the time of mailing.

23 Severability

23.1 Except as otherwise provided herein, the invalidity or unenforceability of any particular provision, or part thereof, of this Agreement shall not affect the other provisions, and this Agreement shall continue in all respects as if such invalid or unenforceable provision had not been contained herein.

24 Execution of Agreement

24.1 This Agreement shall be signed last by the City Manager.

25 Counterparts

25.1 For convenience, this Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original.

26 Authorizations

26.1 The Contractor's authorized representatives who have executed this Agreement warrant that they have been lawfully authorized by the Contractor's board of directors or its bylaws to execute this Agreement on its behalf. The City Manager affirms that he/she has been lawfully authorized to execute this Agreement. The Contractor and the City shall deliver upon request to each other copies of all articles of incorporation, bylaws, resolutions, ordinances, or other documents which evidence their legal authority to execute this Agreement on behalf of their respective parties.

27 Time of Essence

27.1 Time is of the essence with respect to each provision hereof in which time is a factor.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by their duly authorized representatives. The effective date of this Agreement will be the date this Agreement is signed by the City Manager.

CONTRACTOR

By: _____

Name: _____

Its: _____

Date: _____

CITY OF EVANSTON

By: _____

Kelley A. Gandurski

Its: Interim City Manager

Date: _____

Approved as to form:

By: _____

Nicholas E. Cummings

Its: Corporation Counsel

Revision: April 2021

EXHIBIT O

BID BOND SUBMITTAL LABEL

CUT AND ATTACH LABEL ON OUTSIDE OF SEALED BID BOND SUBMITTAL



BID SUBMITTAL NUMBER: _____

BID SUBMITTAL NAME: _____

BID SUBMITTAL DUE DATE/TIME: _____

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY TELEPHONE #: _____



If required by the bid documents, a scanned copy of the bid bond must be included with the bid electronic submission. The City is currently not able to accept a certified check, bank cashier's check or electronic bid bond at this time.

The original bid bond (in the amount of 5% of the original bid amount) must be mailed within ten (10) days after the bid due date, to the City of Evanston Purchasing Department, 2100 Ridge Avenue - Room 4200 Evanston, Illinois 60201 Attention Purchasing Manager using the USPS (certified or priority), UPS or FedEx mail options in order to have a tracking number; which sum shall be forfeited in case the successful bidder fails to enter into a binding contract and provide a properly executed contract and surety bond within 15 days after the date the contract is awarded by the City.

CITY OF EVANSTON

**2022 REBUILD IL /MFT Resurfacing Project
IDOT Section No. 22-00292-00-RS
Evanston Bid Number: 22-23**

TABLE OF CONTENTS

CONTRACT SPECIFICATIONS.....

LOCATION MAP.....

STREET LIST.....

SUPPLEMENTAL AND RECURRING SPECIAL PROVISION.....

IDOT ERRATA FOR ROAD AND BRIDGE CONSTRUCTION.....

CHECK SHEET FOR RECURRING SPECIAL PROVISION.....

BDE SPECIAL PROVISION.....

BLR 11310.....

PROJECT DESCRIPTION

COMPLETION DATES

MATERIAL TESTING/INSPECTION

SAW CUTS.....

FIBER OPTIC UTILITIES.....

LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC

PROSECUTION AND PROGRESS

MEASUREMENT AND PAYMENT.....

TREE PROTECTION

DISPOSAL OF EXCAVATED MATERIAL

TOPSOIL FURNISH AND PLACE.....

SODDING, SALT TOLERANT

AGGREGATE BASE COURSE.....

INCIDENTAL HOT-MIX ASPHALT SURFACING.....

TEMPORARY HOT-MIX ASPHALT

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT

PORTLAND CEMENT CONCRETE SIDEWALK

HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH).....

PAVEMENT PATCHING.....

FIBERGLASS FABRIC REPAIR SYSTEM.....

CATCH BASIN, MANHOLE, INLET, AND VALVE VAULT CONSTRUCTION, ADJUSTMENT
AND RECONSTRUCTION.....

FRAMES AND LIDS TO BE ADJUSTED, SPECIAL

ADJUSTING FRAMES AND GRATES OF CATCH BASIN, MANHOLE, INLET AND VALVE
VAULTS.....

FRAMES AND GRATES.....

CONCRETE CURB TYPE B AND CURB AND GUTTER TYPE B6.12.....

TRAFFIC CONTROL AND PROTECTION.....

STREET SWEEPING.....

REMOVE AND RESETTING PAVERS

CONSTRUCTION LAY OUT AND STAKING.....

REMOVING AND RESETTING STREET SIGNS

LAWN SPRINKLER SYSTEM REPAIRS

HOT MIX ASPHALT SURFACE PATCHES.....

REMOVE AND RESET EXISTING STREET LIGHT.....

ENVIRONMENTAL SOIL DISPOSAL OPTIONS.....

IDOT BDE SPECIAL PROVISIONS

EVANSTON FIBER NETWORK MAP.....

IDOT HIGHWAY STANDARDS

**STATE OF ILLINOIS
City of Evanston**

CONTRACT SPECIFICATIONS

**For
2022 REBUILD IL /MFT Resurfacing Project**

**IDOT Section No. 22-00292-00-RS
Evanston Bid Number: 22-23**

2022 REBUILD IL /MFT RESURFACING PROJECT

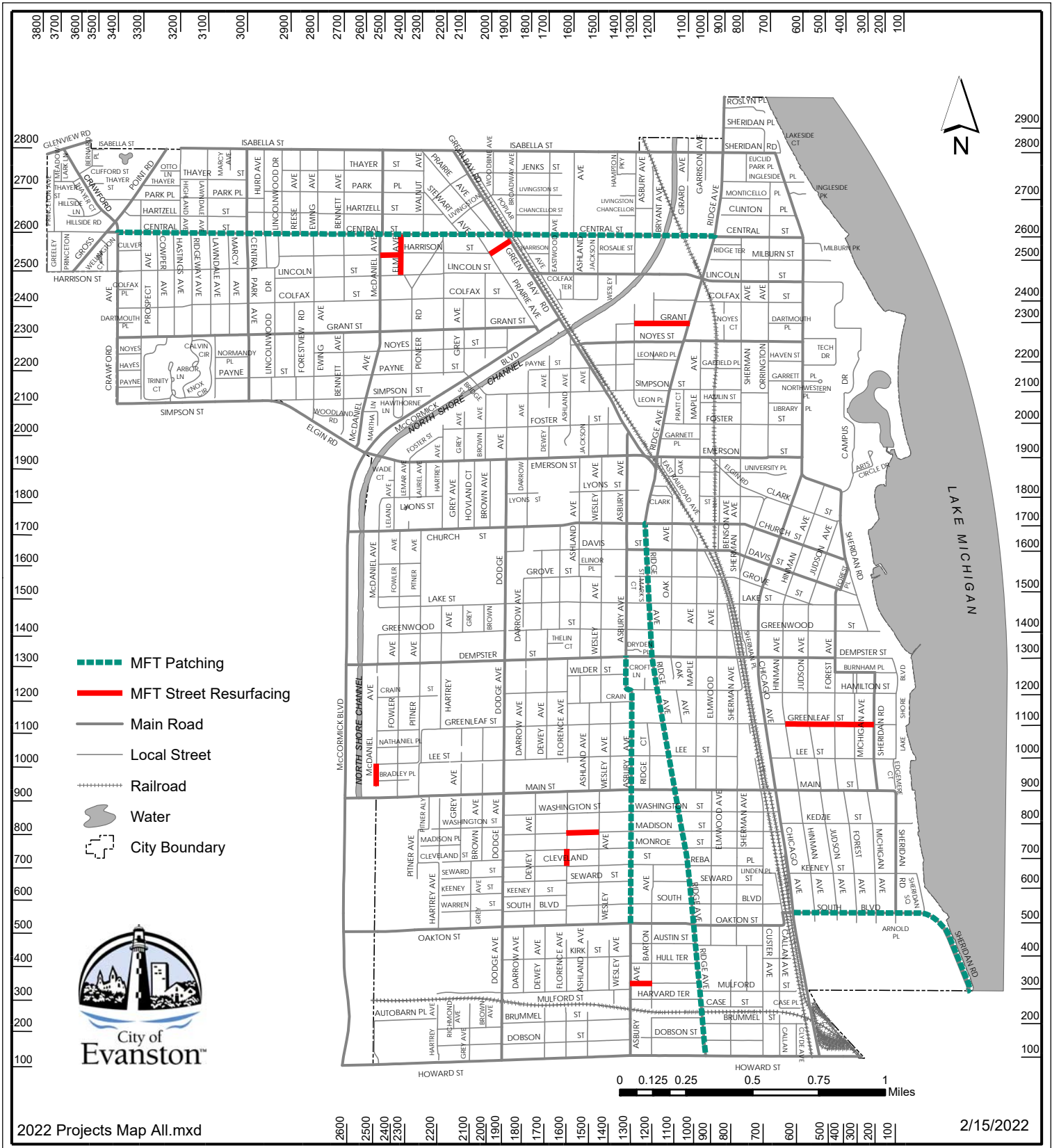
22-00292-00-RS

STREET	FROM	TO	LENGTH (FEET)	WIDTH (FEET)	REMARKS
ELM AVENUE	LINCOLN STREET	CENTRAL STREET	746	26	LOCAL
FLORENCE AVENUE	CLEVELAND STREET	MONROE STREET	392	30	LOCAL
GRANT STREET	ASBURY AVENUE	RIDGE AVENUE	1,053	24	LOCAL
GREENLEAF STREET	HINMAN AVENUE	SHERIDAN ROAD	1,638	30	LOCAL
HARRISON STREET	McDANIEL AVENUE	ELM AVENUE	366	26	LOCAL
HARRISON STREET	PRAIRIE AVENUE	GREEN BAY ROAD	437	29	LOCAL
MADISON STREET	FLORENCE AVENUE	WESLEY AVENUE	704	30	LOCAL
McDANIEL AVENUE	SOUTH DEAD END	LEE STREET	452	28	LOCAL
MULFORD STREET	ASBURY AVENUE	BARTON AVENUE	385	29	LOCAL
TOTAL			6,173		

(HMA SURFACE PATCHING)

ASBURY AVENUE	OAKTON STREET	DEMPSTER STREET	5,380	30 & 45	COLLECTOR
CENTRAL STREET	CRAWFORD AVENUE	RIDGE AVENUE	11,910	40 & 50	COLLECTOR
RIDGE AVENUE	HOWARD STREET	CHURCH STREET	10,640	36	COLLECTOR
SOUTH BOULEVARD	CHICAGO AVENUE	SOUTH CITY LIMIT	4,470	42	COLLECTOR

2022 Rebuild IL / MFT Resurfacing Project



This map is provided "as is" without warranties of any kind. See www.cityofevanston.org/mapdisclaimers.html for more information.

CITY OF EVANSTON

SPECIAL PROVISIONS

2022 REBUILD IL /MFT Resurfacing Project

The following Special Provisions supplement the “Standard Specifications for Road and Bridge Construction”, Adopted January 1, 2022, (herein after called “the Standard Specifications”), the latest edition of the “Watershed Management Ordinance” of the Metropolitan Water Reclamation District of Greater Chicago, the latest edition of the Standard Specifications for Water and Sewer Construction in Illinois, the latest edition of the “Manual of Uniform Traffic Control Devices for Streets and Highways”, and the “Manual of Test Procedures of Materials” in effect on the date of invitation of bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to the govern the construction of,

2022 REBUILD IL /MFT Resurfacing Project IDOT Section No. 22-00292-00-RS Evanston Bid Number: 22-23

and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

PROJECT DESCRIPTION

Work on this project includes the resurfacing of various streets with minor utility repairs, concrete curb and sidewalk replacement, and all incidental work including all materials, labor and equipment. The project also includes surface patching on various streets in City of Evanston.

COMPLETION DATES

Work is anticipated to commence no earlier than June 6, 2022 and shall be substantially complete within **40 Working days** or by **July 30, 2022**, whichever comes first. The contract award is scheduled for May 9, 2022. The contract has two separate phases to accommodate various neighborhood activities in City of Evanston.

Phase I – Florence, Greenleaf, Madison, McDaniel and Mulford and Surface Patching

Work is anticipated to commence no earlier than May 31, 2022 and shall be substantially completed within **20 working days** or by **June 30, 2022**, whichever comes first.

Phase II – Elm, Grant, Harrison/Elm and Harrison/Prairie

Work shall commence no earlier than the week of July 5, 2022 and shall be substantially completed within **20 working days** or by **July 27, 2022**, whichever comes first.

The surface patching work at various locations in City of Evanston must be completed during the period from June 6 to June 24, 2022.

Substantial completion shall be defined as completion of all items of work with the exception of punch list items and sod installation; preparation of the parkway area for sodding shall be complete. Additional preparation of the parkway area prior to sod installation after August 31 when temperatures allow will not be paid for separately but shall be considered as included in the contract. Concrete work will be required to be completed one side of the street at a time.

Final contract completion date (including punch list) is **September 16, 2022**. Only sod watering may occur after the contract completion date. The City reserves the right to assess deductions in the amounts as detailed in Article 108.09 of the Standard Specifications per Work Day for each day of overrun for each of the interim/substantial working day and/or completion dates listed above in bold.

MATERIAL TESTING/INSPECTION

Add the following paragraphs to Article 106.01:

All materials incorporated in this Contract are to be inspected according to IDOT's QC/QA programs per the Project Procedures Guidelines (PPG). The latest version is available on the IDOT website at: <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Materials/PPG.pdf>. All material incorporated into the work shall originate from IDOT approved sources (as required by PPG) and/or be accompanied by sufficient IDOT approved evidence of material inspection. All mix designs for PCC and HMA shall be submitted to the Engineer with QC Plans for review and approval.

SAW CUTS

Add the following paragraphs to Article 442.05:

The Contractor shall full-depth saw cut for the removal of existing curb, sidewalk, all structure work, and for all pavement patches. The concrete saw shall be equipped with a diamond blade of sufficient size to saw pavements full-depth and be capable of accurately maintaining cutting depth. All saw cuts shall be parallel or perpendicular to the curb & gutter, edge of sidewalk, or the edge of pavement, with straight, clean, edges, to the satisfaction of the ENGINEER. This item shall be included with curb & gutter, sidewalk, structure work, and pavement removal. **The slurry resulting from the saw cutting work shall be immediately washed away using water to prevent tracking by vehicles or pedestrians to the satisfaction of the ENGINEER.**

When removing pavement, curb and gutter, shoulder, and/or any other structures, the use of any type of concrete breakers which might damage the underground public or private utilities or property will not be permitted. **Pavement openings must be initiated with hydraulic impact/air hammers and the use of excavator buckets to strike and break pavement is strictly prohibited and will result in an immediate deficiency deduction.**

If additional surface is damaged or removed due to negligence on the part of the Contractor, the additional work will not be measured for payment but shall be done at the Contractor's expense. It is Contractor's responsibility to determine the thickness of the existing pavement and whether or not it contains reinforcement.

FIBER OPTIC UTILITIES

If the JULIE system locates a City of Evanston fiber optic communication utility, the Contractor/permit holder shall be required to visually expose fiber optic lines by hand digging within three (3) feet of either side of JULIE locate on all construction projects and permit work. This work will not be paid for separately. The cost of this work shall be included in the unit prices bid for various pay items.

LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC

Add the following paragraphs to Article 107.09:

"The Contractor shall identify and obtain, at their own expense, other sites for storage of materials and equipment. Sites shall be approved by the Owner and shall conform to City zoning and land use regulations.

Contractors shall confine all work activities to the public right-of-ways, except areas designated as tree protection zones. If, for their convenience, Contractors wish to conduct work activities outside public right-of-ways, including storage of equipment and materials, Contractors shall obtain written permission from affected property owners prior to proceeding with these work activities. Costs of obtaining permission, permits, easements, site preparation, site maintenance, site restoration, and all other expenses associated with work outside right-of-ways and easements shall be borne by the Contractors at no additional expense to the Owner.

Construction materials may not be placed or stored along City streets and other public areas more than five (5) calendar days prior to their planned incorporation into the Project. Excess materials to be incorporated into the Project, including pipe, backfill materials, and other construction materials, not incorporated into the Project shall be removed from the construction site by the end of each day and shall be disposed of in accordance with these Specifications. Temporary storage of materials shall not interfere with curb line storm drainage. Reclaimed construction materials shall be moved to the Contractor's storage areas. **Excess spoils shall be removed at the end of each day.**

Excess construction equipment not actively engaged in daily work operations shall be stored only in the Contractor's storage areas and not along City streets. Tracked construction equipment shall be moved from place to place in the City only on rubber-tired trailers. "Walking" of tracked equipment between construction areas is expressly prohibited. Refueling trucks shall not be parked on City streets and shall be returned to the Contractor's storage area when not in use. The Contractor shall provide off-street parking for personal vehicles belonging to his employees, supplier's employees, and subcontractor's employees. These vehicles may not be parked along City streets or in Work areas. **No trailers and/or connex containers will be allowed to be stored on/in the City of Evanston R.O.W.**

The Contractor shall provide receptacles as necessary at construction areas for depositing waste paper and garbage; and, shall empty these receptacles regularly. The Contractor shall keep the construction site and his storage sites neat and shall promptly clean up any debris that accumulates. All waste materials shall be hauled to a legal waste disposal site of the Contractor's choice.

The Contractor shall conduct his operations so that access to homes and other buildings is maintained at all times when Contractor is not working at that specific location. The Contractor shall cooperate in efforts to notify home and other building owners as to when direct vehicular access to their property will be curtailed and the approximate length of time of such curtailment. Written and/or vocal notification shall be given to affected residents or tenants of the properties not less than 24 hours prior to access curtailment. The Contractor shall maintain access for emergency vehicles to all parts of the construction area at all times.

The Contractor shall provide for and maintain the flow in all sewers, drains, building or inlet connections and all water-courses which may be met with during the progress of the Work. He shall not allow the contents of any sewer, drain, or inlet connection to flow into trenches, sewers, or other structures to be constructed under the Contract and shall immediately remove and cart away from the vicinity of the Work all offensive matter. The Contractor shall not disrupt the function of individual sanitary services for more than four continuous hours. If construction operations are anticipated to disrupt individual services for more than four hours, the Contractor shall provide for temporary sanitary service for the duration of the disruption.

The Contractor shall promptly notify the proper utility company and all other effected parties of any damage to water, gas, electric, telephone, sewer, and other utility lines and connections caused by the Contractor's operations. The damage shall be immediately repaired at the Contractor's expense. In the case of an accidental breaking of a water main or service line, the repairs of such a break shall have priority over all other operations. The parties whose services are affected by the break shall be notified at once and all assistance given to supply emergency water where necessary by temporary lines, tank truck, or other means. The Contractor shall maintain an appropriate inventory of the materials for emergency repairs. **In the case of an accidental breakage of a street light cable, the Contractor shall submit for approval a licensed electrical contractor to repair any and all damage to the existing street light cables.**

The Contractor shall not allow travel upon any street, park, roadway, or alley to be hindered or inconvenienced needlessly, nor shall the same be wholly obstructed without the written permission of the Owner thereof. No construction vehicles shall be driven through or shall be parked in alleys unless so approved by the Engineer. Construction traffic shall be routed on major City through-streets. Construction traffic on minor streets shall be limited as much as is practical. **All street closures must be approved by Engineer.**

When traffic must be obstructed, the Contractor shall provide proper traffic control as accepted by the Engineer and Owner by placing clearly worded signs announcing such fact with proper barricades, at the nearest cross-streets on each side of such obstructed portion, where travel can pass around the obstruction in the shortest and easiest way. "No parking" signs must be approved by the Engineer and must be POSTED AND DATED at least 48 hours before the intended date of use. "No Parking" signs are to be purchased from the Owner. If vehicles are still parked in "No Parking" areas identified by the Contractor, the Contractor shall notify the Engineer who will contact the Evanston Police to have the vehicles towed away. **No towing of vehicles shall be done by the Contractor.**

Driveways to fire department buildings, driveways to medical buildings, and driveways to businesses required for continuance of their commerce shall be kept open and maintained in passable conditions at all times unless modified by agreement between the Contractor and the property owner. All agreements between the Contractor and private property owners must be in writing to be considered binding. The Contractor shall give reasonable notice to the owners of all private driveways before interfering with them. Daily construction operations shall be terminated at such locations that the operations of driveways are not obstructed. Driveways shall be passable between the hours of 6:00 p.m. and 9:00 am.

Delete Article 107.18 and replace it with the following:

"107.18 Use of Fire Hydrants. If the Contractor desires to use water from hydrants, he shall fill out an application to the City of Evanston Utilities Department and shall conform to the municipal ordinances, rules, or regulations concerning their use. The Contractor shall obtain a use permit for each hydrant, and shall operate the hydrant properly. The Contractor is required to use an RPZ or appropriate back flow prevention device subject to approval of the City. There is a \$300 deposit on the fire hydrant and all borrowed equipment. Water shall be furnished from hydrants at no cost to the Contractor. However, the Contractor shall restore any damage to the hydrant caused by his use, including settlement.

Fire hydrants shall be accessible at all times to the Fire Department. No material or other obstructions shall be placed closer to a fire hydrant than permitted by municipal ordinances, rules or regulations, or within five (5) feet of a fire hydrant, in the absence of such ordinances, rules or regulations."

Existing roadways, driveways, sidewalks, curbs, utilities, structures, landscaping, site objects, and other site improvements not indicated to be removed and/or replaced as part of the Project which are damaged by Contractor's operations shall be repaired to a condition equal or better than that prior to the start of construction; or, if deemed un-repairable by the Owner, removed and replaced by the Contractor at no cost to the Owner in accordance with the terms of the Project specifications, Drawings, applicable codes, ordinances, and technical standards.

The correction of defects in the Work performed by the Contractor shall be done at no additional cost to the Owner and in accordance with the terms of the Project specifications, Drawings, applicable codes, ordinances, and technical standards.

Add the following paragraph to Article 107.25:

“Prior to commencement of construction operations, the Contractor shall prepare a written inventory of existing traffic control and other signage along the routes of construction. This inventory shall list the location, wording, and general condition of signage. This inventory shall be submitted to the Engineer upon completion and before any signage is removed for construction activities. The Contractor shall remove all existing traffic control signs, store these signs in a manner, which prevents damage, and reinstall them as soon as possible following installation of new sewers as coordinated by the Engineer.”

Delete Article 107.27 and replace it with the following:

Extension of Indemnification to Third Parties. In the event that some of the Work is to be completed on property that is not owned by the Owner, the Contractor shall provide the indemnification and save harmless protection to the owner of such property. The Contractor shall also provide the indemnification and save harmless protection to owners of adjacent properties that may be affected by his operations.

Claims and disputes by third parties arising from work on this Contract, including augering and directional drilling or excavation work, shall be resolved in accordance with the procedures hereinafter specified. This provision does not change, modify or alter the Contractor's responsibility to follow the insurance requirements of the Contract. Neither does this provision change, modify or alter the Contractor's responsibility to defend, indemnify and hold harmless the Owner and the Engineer from all types of claims that may arise out of or in consequence of the performance of this work by the Contractor or which may result in any way there from as that duty is stated in Section 107. Furthermore, this provision does not change, modify or alter the Contractor's responsibility to follow the provisions requiring a Contractor's Performance Bond.

The Contractor agrees to follow the procedure described following in resolving all property damage disputes that arise during the performance of the Work under the Contract. The Contractor agrees that the following procedure is the way the Contractor will hold the City of Evanston, MWRD and Engineer harmless for property damage claims:

i. Procedure for Resolving Property Damage Disputes

If the Contractor receives a claim for property damage allegedly caused by his performance of the Work under this Contract, the Contractor shall, within five (5) calendar days of receipt of such claims:

- Acknowledge the claim to the property owner.
- Send a copy of the said claim and acknowledgment to Engineer.
- If the claim is not settled (or the Contractor does not agree to settle the claim) within five (5)

calendar days, the Contractor shall:

- Forward the claim to the Contractor's insurance carrier.
- Require his insurance company to forward to Engineer an acknowledgment of receipt of the claim.

The Contractor **and** insurance carrier shall either settle or deny claims within sixty (60) calendar days of initial receipt of the claims. The insurance carrier and Contractor shall notify the Engineer of claims settled and denied, including the terms of the settlement or reasons for denial. The Contractor shall advise property owners of the decision to deny their claims and shall include in the Notice of Denial the name and address of the person authorized to accept service of process on behalf of the Contractor.

When a claim is allowed in any amount, Contractor shall, within thirty (30) calendar days of the award, pay to the property owner the amount of the award. If the Contractor does not make these payments to the property owner within the thirty (30) calendar day period, the Owner shall be authorized to make these payments for the Contractor and then deduct the amounts paid from the next payment due the Contractor under this Contract.”

Add the following paragraphs to Article 107.30:

“The Contractor assumes full responsibility for the safekeeping of all materials and equipment and for all unfinished work until final acceptance by the Owner, and if any of it is damaged or destroyed from any cause, the Contractor shall replace it at his own expense.

The Contractor shall indemnify and save harmless the Owner against any liens filed for nonpayment of his bills in connection with the Contract work. The Contractor shall furnish the Owner satisfactory evidence that all persons who have done work or furnished materials, equipment or service of any type under this Contract have been fully paid prior to the acceptance of the Work by the Owner.

The Contractor shall indemnify and hold harmless the Owner, the Owner's employees, the Engineer, and the Engineer's employees from any and all liability, loss, cost, damages and claims, and expense (including reasonable attorney's fees and court costs) resulting from, arising out of, or incurred by reason of any claims, actions, or suits based upon or alleging bodily injury, including death, or property damage arising out of, or resulting from the Contractor's operations under this Contract, whether such operations be by himself or by any subcontractor or by anyone directly or indirectly employed by either of them. The Contractor shall obtain insurance for this purpose, which shall insure the interests of the Owner and Engineer as the same may appear, and shall file with the Owner and Engineer certificates of such insurance.

The Contractor shall protect the Owner's property and adjacent property from injury or loss resulting from his operations. Objects sustaining such damage shall be replaced to the satisfaction of the Owner and Engineer; the cost of such repairs shall be borne by the Contractor.

The Contractor shall be completely responsible for protecting his work from vandalism. Any vandalized concrete shall be repaired and/or replaced as directed by the Engineer and at the Contractor's expense.”

Delete the second and fourth paragraphs of Article 107.35.

Add Article 107.37, which shall read as follows:

“107.37 Traffic Control and Protection. Special attention is called to the following Highway Standard Details and Section 701 relating to Traffic control:

STANDARDS
701301, 701501, 701801, 701901

If requested by Contractor, one-block-long road closures will be allowed by the Owner in areas deemed necessary by the Engineer. No more than one lane of other streets may be closed at any time. Traffic control shall be in accordance with the applicable sections of the Standard Specifications, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, any Special Provisions, any Supplemental Standard Specifications and any special details and Highway Standards contained herein.

At the Pre-Construction Meeting, the Contractor shall furnish the name, and a 24-hour telephone number of the individual in his direct employ, who is responsible for the installation and maintenance of the traffic control for the Project. In accordance with Article 108.01, if a subcontractor is to provide this aspect of the work, consent of the Engineer is required. This shall not relieve the Contractor of the foregoing requirement for an individual in his direct employ to superintend the implementation and maintenance of the traffic control.

The Contractor shall furnish, install, maintain, relocate, and remove all traffic cones, signs, barricades, warning lights and other devices which are to be used for the purpose of controlling pedestrian and vehicular traffic. The traffic control requirements presented in the Contract documents represent the minimum level of control which shall be provided. The Contractor is solely responsible for implementing all other traffic control measures required to fully protect pedestrians, vehicles, and his work forces.

The Contractor is responsible to ensure that all barricades, warning signs, lights and other devices installed for traffic control are in place and operational twenty-four hours each calendar day this Contract is in effect. In particular, the Contractor shall make sure that warning lights are functioning during night-time hours. Warning lights shall be checked each calendar day to verify functioning, replace batteries/bulbs, and/or replace light assemblies as necessary.

All areas of work shall be protected each night by Type II drum-type or sawhorse-type barricades at not greater than fifty (50) foot centers.

Drum-type and sawhorse barricades shall be equipped with working flashing lights and highly visible reflectors, reflective tape or reflective paint. At least six reflectors shall be visible from any viewing angle. Tape or paint shall cover at least 30 percent of the barricade from any viewing angle and shall conform to Section 700 of the Standard Specifications. Arrow boards shall be silent type powered by electricity or battery packs. No engine/generator-powered arrow boards are permitted.

The Contractor shall place "No Parking" signs a minimum of two (2) calendar days prior to curb replacement, patching or resurfacing operations. All "No Parking" signs must have the approval of, affixed, and displayed to the satisfaction of the Engineer. Posting of signs on trees shall be done in such a manner to facilitate removal; stapling or nailing of signs to trees is prohibited. Contractor shall keep a log of all posted "No Parking" signs and shall submit the log to the Engineer promptly upon request.

School busses and emergency vehicles shall have access to all premises at all times."

Add Article 107.38, which shall read as follows:

“107.38 Maintenance of Roads. Contractor shall maintain roads for all weather conditions and at all times in compliance with state and local regulations. Upon completion of construction, Contractor shall return all roads to their original condition as described in Section 442. With the Owner’s approval, roadways and drives may be closed temporarily in the immediate area of the work. However, roadways and driveways shall be reopened as soon as is practical following the completion of installation and/or restoration. All roadways shall be maintained open to local traffic between the hours of 6:00 p.m. and 9:00 am or at other times when Contractor is not actively engaged in sewer and/or water main installation. Roadways shall be open to through traffic whenever practical. Roadways shall be open to emergency vehicles at all times. Temporary pavements specified by Engineer or Owner shall be placed on the same day as sewer and/or water main work and shall be maintained as necessary until final roadway restoration. Contractor shall promptly remove all loose material spilled on roadways during the execution of the Work.

Temporary pavements for trenches crossing roadways and sewer and/or water main structures in through traffic lanes shall be hot mix when specified or as directed by Engineer. Temporary pavements around structures not located in through traffic lanes shall be aggregate surface course as specified or as directed by the Engineer.”

Add Article 107.39, which shall read as follows:

“107.39 Water Control. The Contractor shall perform grading and other operations to maintain site drainage. Surface water shall not be allowed to accumulate in excavations. The Contractor shall dispose of surface and subsurface water in a legal manner. He shall not allow mud, silt, or debris to flow into any surface water area or body other than in compliance with the State Water Quality Standards. Where the Contractor's operations disturb existing combined sewers, the Contractor shall provide temporary bulkheads and pumping facilities as necessary to maintain the combined sewers, connected building services and storm water inlet leads in full operation, including transport of the maximum dry-weather and wet-weather flow of which the existing sewer is capable. Combined wastewater shall not be permitted to flow along streets, public right-of-ways, private property, trench areas or inactive relief sewers. All earthwork, moving of equipment, water control of excavations, and other operations likely to create silting, shall be conducted so as to minimize pollution to watercourses or water storage areas. Under no circumstances shall the Contractor discharge pollutants into any watercourse or water storage area.”

Add Article 107.40, which shall read as follows:

“107.40 Overnight Protection of Work. The Contractor shall adequately backfill, cover with appropriate plates, or suitably fence and barricade all open excavations at the completion of each day's work. Open-cut excavations shall be reduced to a maximum length of thirty feet overnight. Excavations shall not block roadways or driveways. Open ends of sewers being installed shall be bulk-headed overnight with watertight plugs to prevent entrance of soils, entrance of groundwater, and/or entrance by the public. The Contractor shall protect all excavations from public access. All shafts for open-cut work shall be fully covered during non-working hours and during working hours when not being actively used for that day's construction.”

PROSECUTION AND PROGRESS

Delete the second paragraph of Article 108.03 and replace it with the following:

“The Contractor shall notify the Owner and Engineer at least 72 hours before beginning work. The Contractor shall give a minimum of 24 hour notice, not including Saturdays, Sundays or legal holidays, prior to suspension of construction activities for any non-weather related reason. Suspension of work for non-weather related reasons must be pre-approved by the Engineer. The Contractor must be in advance of the Controlling Item as indicated by his submitted Construction Schedule as a condition of the Engineer's granting of authorization to suspend work. In addition,

the suspension shall not affect the completion date of the Project. The Contractor shall notify the Engineer at least 24 hours, not including Saturdays, Sundays or legal holidays, prior to the resumption of work. The site must be left in a clean and neat manner, acceptable to the Engineer, prior to the authorization of the suspension.

The Contractor shall perform the Work in accordance with the following scheduling requirements:

- a. The Contractor will be required to discuss their operations and get verbal and / or written permission at least twenty-four (24) hours in advance in order to work on the following dates:

Friday, April 15, 2022	Good Friday
Saturday April 23, 2022	Last Day of Passover
Thursday, September 27, 2022	Rosh Hashana
Wednesday, October 5, 2022	Yom Kippur

Delete Article 108.04 and replace it with the following:

“108.04 Normal Work Hours. Normal work hours shall be Monday through Friday (excluding legal holidays) between 7:00 am and 4:00 p.m. local time during the calendar dates specified in Article 108.03. Except for work required to maintain warning lights, barricades and other safety/health-related systems no work shall be performed on Saturdays, Sundays, legal holidays, or between 4:00 pm and 7:00 am on other days without specific permission of the Owner. Any violation for working hours contractor will be fined \$500.00 for each occurrence.

No work, except maintenance of warning lights, barricades and other safety/health-related systems, may be performed unless the Engineer is available to observe/inspect construction activities. Owner will provide the services of the Engineer as needed for construction observation/inspection between the hours of 7:00 am and 4:00 p.m., Monday through Friday, except legal holidays, in accordance with the calendar dates specified in Article 108.03.

If at any time during the project the Contractor elects to work on a Saturday, they must obtain Written permission from the Capital Planning and Engineering Bureau, Senior Project Manager and/or City Engineer/Bureau Chief, Public Works Agency. Contractor shall request this at least twenty-four hours in advance of Saturday work. The contractor is required to estimate any Saturday work and include that in the bid amount.

MEASUREMENT AND PAYMENT

Delete Article 109.07 and replace it with the following:

“109.07 Partial Payments and Retainage. The Owner will pay the Contractor monthly for Work completed in accordance with the Contract Documents. Applications for Payment from the Contractor (and subcontractors) shall be prepared and submitted by the Contractor with all supporting documents to the Engineer. Supporting documents to be submitted with Applications for Payment shall include, but are not limited to:

Documents to be Submitted With Applications for Partial Payment

- (a) MBE/WBE/EBE Monthly Utilization Report
- (b) All delivery tickets for concrete and asphalt.

- (c) Lien Waivers
- (d) Certified payrolls for general contractor and sub-contractors

Failure to submit any of the above documents may cause the payment application to be rejected.

Lien waivers shall accompany each Application for Payment and shall reflect the amount paid to each subcontractor, and supplier, and their respective supporting lien waivers. Contractor's lien waivers submitted with interim Applications for Payment shall reflect all costs up to the date of the Application. Lien waivers from subcontractors, suppliers and others accompanying interim Applications for Payment may be submitted one month in arrears. Lien waivers submitted with the final Application for Payment shall reflect the full values of Contractor's efforts; and, all subcontracts, materials purchases, and other Project costs.

Applications for Payment shall be reviewed by the Engineer within ten (10) calendar days of the submittal and returned to the Contractor for correction or forwarded to the Owner for approval, as appropriate. Engineer and Contractor must agree to quantities forwarded to the Owner. Any disputed quantities not included in the Application for Payment must be resolved within thirty (30) calendar days with any adjustments from disputed quantities to be included on the following Application for Payment. Applications for Payment certified by the Engineer must be in the City offices by the close of business on the last working day of each month. The Owner will pay the Contractor within thirty (30) calendar days of receipt of Applications for Payment certified by the Engineer.

Delete the first, third, and fourth paragraphs of Article 109.08 and add the following:

“Final payment will be made within sixty (60) calendar days after the Work is fully completed, and accepted by the Owner and the Contract fully performed. Request for final payment shall be prepared by the Contractor and accompanied by the documentation hereinafter listed. Quantities for this Contract shall be subject to the contract unit price applied to final measured quantities.

Neither the final payment nor any part of the retained percentage shall become due until the Contractor delivers to the Owner a complete release of all liens arising out of this Contract, or receipts in full in lieu thereof, and in either case, an affidavit that so far as he has the knowledge or information, the releases and receipts include all the labor and material for which a lien could be filed, but the Contractor may, if any subcontractor refuses to furnish a release or receipt in full, furnish a bond satisfactory to the Owner, to indemnify the Owner against any lien. If any liens remain unsatisfied after all payments are made, the Contractor shall refund to the Owner all moneys that the Owner may be compelled to pay in discharging such liens, including all costs and Attorney's fees.

Add the following as the first two paragraphs of Article 109.09:

“The Contractor shall notify the Engineer immediately when the Contractor becomes aware of any circumstances which the Contractor believes may lead to a claim for extra cost. Where possible, the Contractor shall delay proceeding with work which may result in the claim for extra cost until the Engineer has had a reasonable opportunity to review the situation, unless such delay will materially disrupt the prosecution of the Work or unless immediate Contractor action is required to resolve an emergency which endangers life or property. The purposes of the Engineer's review are: to verify that a claim for extra cost may be warranted, to make modifications to the Work to avoid or minimize the extra cost, and/or to monitor the Contractor's performance of the work generating the extra cost. For those situations where the Engineer is not notified prior to the Contractor

performing work which causes the claim, the amount of extra cost to which the Contractor is entitled shall not include costs which, in the Engineer's sole opinion, could reasonably have been avoided if the Contractor had notified the Engineer prior to proceeding with the Work.

The Contractor shall submit, in writing, claims for extra cost to the Engineer as soon as possible after the occurrence of the event(s) giving rise to the claim, but not more than thirty (30) calendar days thereafter. Claims shall include appropriate supporting documentation as specified in following paragraphs to justify the extra cost claimed. This documentation shall include, as a minimum: a description of the circumstances which generated the claim, prior notifications provided to the Engineer, and a detailed breakdown of costs incurred by the Contractor. In the event that this documentation cannot be assembled within thirty (30) calendar days or if the extra cost is ongoing, the Contractor shall submit, in writing, whatever partial information is available to keep the Engineer informed of the Contractor's progress. Extra costs incurred by the Contractor solely because of the particular means and methods which the Contractor chooses to perform the Work will not be considered. Claims submitted more than thirty (30) calendar days after the occurrence of the event(s) giving rise to the claim will not be considered."

Delete the first, second and third paragraphs of Article 109.09 sub-paragraph (e) and replace them with the following:

"(e) Procedure. All claims and supporting documentation shall be submitted to the Engineer. The Engineer shall review each claim and advise the Owner of the Engineer's opinion of the relative merit of each claim and the dollar and/or time adjustment which the Engineer believes is warranted, if any. The Owner shall make a determination of the merit of each claim and the dollar and/or time adjustment, if any, which is appropriate for resolution of the claim. If Contractor is dissatisfied with the Owner's decision regarding merit, dollar adjustment, and/or time adjustment associated with a claim, the Contractor may request arbitration in accordance with the following:

- All claims, counter-claims, disputes and other matters in question between the Owner and the Contractor arising out of, or relating to this Agreement or the breach of it, will be decided by arbitration if the parties mutually agree, or in a court of competent jurisdiction within the State.
- Notice of the demand for arbitration shall be filed in writing with the other party to the Contract Documents and with the American Arbitration Association, and a copy shall be filed with the Engineer. Demand for arbitration shall in no event be made on any claim, dispute or other matter in question which would be barred by the applicable statute of limitations.
- The Contractor will carry on the Work and maintain the progress schedule during any arbitration proceedings, unless otherwise mutually agreed in writing."

TREE PROTECTION

Add the following paragraphs to Article 201.01:

Trees and shrubs damaged due to construction operations or removed without approval shall be replaced, at Contractor's expense, with trees or shrubs of like species and size, to a maximum trunk size of 6-inches diameter as directed by the Owner. If trees larger than 6-inches diameter are irreparably damaged or destroyed, the Contractor shall replace these trees with trees of like species 6-inches in diameter. Tree trimming, pruning, repair of wound surfaces, removal of trees and shrubs requested by Contractor, and replacement of trees and shrubs irreparably damaged shall be incidental to the items of work to which they pertain."

Parkway Tree Protection

Prospective contractors are advised that it is the express intent of the City of Evanston to minimize trimming of trees in the work corridors and to vigorously protect the quality of the urban forest. The equipment and methods used to perform any and all portions of the work must be the size and nature that results in the least disruption to the existing environment. The City of Evanston reserves the right to limit the size of the equipment used on the project.

The Contractor shall at all times demonstrate to the satisfaction of the City of Evanston that suitable precautions and due diligence are being observed to protect the natural and improved features of the area. Special and continuing attention will be paid to the maintenance of tree protection fencing and the appropriate observance of tree protection areas as delineated by the fencing.

To insure compliance with the City of Evanston's intent to minimize area disturbances, the following procedures and actions will be followed: When the Engineer determines that a deficiency exists, the Contractor shall be notified. If the contractor fails to rectify the deficiency immediately, the Engineer will impose a daily monetary deduction for each 24-hour period (or portion thereof) the deficiency exists. This time period will begin with the time of notification to the Contractor and end with the Engineer's acceptance of the corrections. The cost of the daily deduction will be \$250 per occurrence per calendar day. In addition, the Contractor will be liable and responsible for any and all corrective and remedial actions required to restore the area or item to comparable pre-project conditions as well as any additional fines and fees as stated in the tree protection requirements in these specifications.

Care of Existing Plant Material. If construction is to occur within the root zone of existing plant material, root pruning and special plant care will be required, as hereinafter specified. All pruning shall be performed by a professional arborist (someone whose principal occupation is the care and maintenance of trees).

The Contractor shall be responsible for taking measures to minimize damage to tree limbs, tree trunks, and tree roots at each work site. All such measures shall be included in the contract price for other work except that payment will be made for Temporary Fence and Root Pruning as separate pay items.

- A. Root Pruning:
 - 1. Whenever the proposed excavation falls within the drip-line of a tree, the contractor shall:
 - a. Root prune 6-inches behind and parallel to the proposed edge of trench a neat, clean vertical cut to a minimum depth directed by the City Arborist through all the affected tree roots.
 - b. Root prune to a maximum width of 4 inches using a "Vermeer" wheel matching the following criteria. The root pruner wheel shall be 60" diameter (188" circumference) carrying 28 pair (56 total) stump cutter teeth with tooth spacing at 6.7" on center. The cutting depth shall be 24" and shall utilize a 65hp tractor. Trenching machines will not be permitted.
 - c. Exercise care not to cut any existing utilities.
 - d. If during construction it becomes evident that additional tree roots will require root pruning, the City Arborist and the Contractor shall have the root pruning sub-contractor return to the site to properly root prune the tree at the location directed by

the City Arborist. The contractor will be paid for the additional root pruning as described below; however, no additional compensation will be made for remobilization to the construction site.

- e. For locations where root pruning is performed for the purpose of curb and gutter removal and replacement, the contractor shall root prune 6-inches behind the curbing so as to neatly cut the tree roots.
 - f. Depth of cut shall be 12 inches for curb removal and replacement and 24 inches for structural work. Any roots encountered at a greater depth shall be neatly saw-cut at no additional cost.
 - g. The Engineer or City Arborist will mark locations where earth saw cutting of tree roots is required in the field.
2. All root pruning cuts shall be immediately backfilled with material side cast from the earth-sawing procedure, so that the ground surface is even and no tripping potential exists.
 3. All root pruning work is to be performed through the services of a certified arborist to be approved by the City Arborist.

ROOT PRUNING shall be used to protect all trees within the public right-of-way of the project limits or as directed by the Engineer. This work will be paid for at the Contract unit price per FOOT for ROOT PRUNING measured in place.

The Contract unit price per FOOT for ROOT PRUNING shall be payment in full for all materials, labor and equipment required for: root pruning as shown on plan details; and all related work which is not included under other Payment Items.

B. Temporary Fence:

1. The Contractor shall erect a temporary fence around all trees within the construction area to establish a "tree protection zone", as established by City Arborist, before any work begins or any material is delivered to the jobsite. No work is to be performed (other than root pruning), materials stored, or vehicles driven or parked within the "tree protection zone" at any time during the course of construction.
2. The exact location and establishment of the "tree protection zone" fence shall be approved by the City Arborist prior to setting the fence. The fence shall be 48 inches high, plastic poly-type or any other type of highly visible barrier in an open-weave type pattern with large openings. The type, color and pattern of the fence shall be approved by the Engineer prior to erection. This fence shall be properly maintained in an upright manner and shall remain up until final restoration, unless the Engineer directs removal otherwise. Tree fence shall be supported using T-Post style fence posts with a maximum of 8' spacing. T-posts must be at least six feet in length, two feet of which must be set in the ground. The fence shall be attached to posts and secured with a minimum of three nylon locking ties per post. Utilizing re-bar as a fence post will not be permitted.
3. The fence shall be installed 18" behind and parallel to the curb and between the curb and sidewalk. Fence shall be erected on a minimum of three sides with the fourth sidewalk side being optional. Fence shall be installed at the drip-line of the tree or as listed in the following guidelines:
 - a. Establish the diameter of the tree at a point four and a half feet above the ground, (referred to as

diameter breast height or DBH)

- i. Trees with diameters 10 inches and under require root zone protection a minimum of five feet from the center of the tree.
- ii. Trees 10 to 19 inches in diameter shall have a minimum root zone protection of 10 feet from the center of the tree.
- iii. Trees greater than 19 inches in diameter shall have a minimum root zone protection of 15 feet from the center of the tree.

4. Parking or maneuvering of machinery, stockpiling of materials or any other use will not be allowed upon unpaved areas within 10 feet of the root protection zone of trees or plants designated to be protected.

5. Construction area is defined as all areas within 10 feet each side of roadway improvement location.

6. All work within the "tree protection zone" shall have the Engineer's prior approval. All slopes and other areas not re-graded should be avoided so that unnecessary damage is not done to the existing turf, tree root system or ground cover.

7. The grade within the "tree protection zone" shall not be changed unless approved by the Engineer prior to making said changes or performing the work.

TEMPORARY FENCE shall be used to protect all trees within the public right-of-way of the project limits or as directed by the Engineer. This work will be paid for at the Contract unit price per FOOT for TEMPORARY FENCE measured in place.

The Contract unit price per FOOT for TEMPORARY FENCE shall be payment in full for all materials, labor and equipment required for: providing snow fence as shown on plan details; and all related work which is not included under other Payment Items.

When improvements are required within the "tree protection zone", tree trunk protection will be required.

C. Tree Trunk Protection:

The Contractor shall provide 2 in. by 8 in. by 8 ft. boards banded continuously around each trunk to prevent scarring of trees shown on the plans or designated by the Engineer. For multi-stem trees, saplings, and shrubs to be protected within the area of construction, temporary fencing may be used for trunk protection

TREE PROTECTION shall be used to protect all trees within the public right-of-way of the project limits or as directed by the Engineer. This work will be paid for at the Contract unit price per EACH for TREE PROTECTION measured in place.

The Contract unit price per EACH for TREE PROTECTION shall be payment in full for all materials, labor and equipment required for: installation of trunk boards in accordance with Supplemental Standard Specifications; and all related work which is not included under other Payment Items.

D. Tree Pruning:

Tree pruning shall consist of pruning branches for aesthetic and structural enhancement or as directed by the Engineer. All pruning shall be done according to the current ANSI A300 (part 1)

pruning standard. Trees selected for pruning will be cleaned of dead, diseased, or broken branches, thinned appropriately to reduce density of branches, raised to provide vertical clearance for pedestrian and vehicular traffic, and if warranted by species tolerance and specimen needs limbs will be reduced to promote a central leader and good structure. Pruning to provide clearance over the street will be allowed up to 14 feet above the pavement. If additional clearance is needed a request in writing shall be submitted to the City Arborist. All branch pruning to American Elms and Oak trees shall be done between October 15 and April 15, when the trees are dormant. Under pruning to provide clearance over the street will be allowed up to 14 feet above the pavement. If additional clearance is needed a request in writing shall be submitted to the City Arborist.

TREE PRUNING will be paid for at the contract unit price per EACH for TREE PRUNING, which price shall include Under pruning branches the entire perimeter of the tree, for aesthetic and structural enhancement, of existing trees.

DISPOSAL OF EXCAVATED MATERIAL

This work shall consist of meeting IEPA requirements for the disposal of excavated material including, but not limited to, clean construction or demolition debris (CCDD), uncontaminated soil, and/or contaminated soil. **Excavated materials must be removed from the site by the end of each day.**

The Contractor will be responsible to provide CCDD and soil fill site operators with all testing information and fees as required by the IEPA and fill site operators. The City will provide the Contractor IEPA LPC documentation prior to the start of construction.

Excavated material identified by the City or during the course of construction as not conforming to CCDD requirements shall be sampled, analyzed, and screened for disposal site acceptance by the Contractor in accordance with Section 669 of the Standard Specifications. This work will be paid for at the contract unit price per Each as Soil Disposal Analysis for each test taken and at the contract unit price per Cubic Yard for Non-Special Waste Disposal.

TOPSOIL FURNISH AND PLACE

Add the following paragraph to Article 211.04:
Topsoil shall be pulverized.

Revise Article 211.07 of the Standard Specifications to read:
Topsoil furnish and place shall be that material obtained from outside the right-of-way and will be measured for payment by volume in cubic yards. Topsoil must be furnished from an inspected source with delivery tickets displaying the material volume delivered.

Revise Article 211.08 of the Standard Specifications to read:
This work will be paid for at the contract unit price per cubic yard for TOPSOIL FURNISH AND PLACE.

Topsoil used to backfill concrete work will not be paid for but shall be considered as included in the various contract items.

SODDING, SALT TOLERANT

Add the following paragraph to Article 252.01:
"All grassed areas disturbed by Contractor's operations shall be restored by sodding. To be acceptable, the sod shall be in a live, healthy condition and be knitted to the soil. Sod shall be

growing in place for forty-five (45) calendar days prior to measurement. Only living sod that is acceptable will be measured for payment.” approved by the Engineer.”

Add the following to Article 252.03:

“Sod bed preparation shall include the placement of top soil, including excavating and grading the areas to be sodded to a depth of at least 3-inches below a line connecting the top of the curb and the top of the sidewalk, disposing of the material removed and placing pulverized topsoil on the space so prepared, raked and ready for sodding. The topsoil shall be free from quack grass and weeds and shall be approved by the Engineer before placing. One rolling of the entire surface of the soil shall be made. Existing sidewalks, curbs and trees, and the like, which are not to be removed, shall be protected from damage during the placement of topsoil. Placement of topsoil shall be incidental to the cost of sodding and no separate payment shall be made.”

Add the following paragraph to Article 252.04:

“The Contractor is encouraged to refrain from placing sod during the months of July and August, when possible within the required construction schedule. No sod may be placed between November 1 and March 1 unless approved by the Engineer. Regardless of the time of placement and subsequent climatic conditions, the Contractor shall water sod sufficiently to maintain it in a healthy condition until accepted by the Owner. Sod shall be in a moist condition at the time of cutting and shall be kept in a moist condition until it is placed. Sod cut less than 24 hours before placement is preferred. Sod cut more than 48 hours before placement shall not be used.”

Add the following to Article 252.06:

“The placement of sodding shall consist of preparing the ground surface and furnishing, transporting, and placing sod and fertilizer required in the sodding operations. Fertilizer having an analysis of 10-6-4 or having a different analysis but still meeting the 5-3-2 ratio requirements, shall be applied at such a rate that each acre to be sodded shall receive a total of 160 pounds of the three nutrients specified in Article 1081.08. The fertilizer nutrient will not be paid separately but shall be incidental to the cost of sod placement.”

Delete the first paragraph of Article 252.08 and replace it with the following paragraphs:

“Within eight hours after sod has been placed five gallons of water per square yard shall be applied and the entire surface of sod rolled. Thereafter, on days designated by the Engineer, additional water shall be applied to sodded areas at the rate of three gallons per square yard. The number of additional applications shall not exceed ten and these applications will be required within a forty-five (45) calendar day growing period after the sod has been placed. The cost of this watering program shall be incidental to the cost of sodding.

The Contractor shall perform additional watering to maintain sod in a healthy condition. The cost of **additional watering** will be paid separately per UNIT of SUPPLEMENTAL WATERING. Any sodding that does not survive will be replaced by the Contractor at his own expense.”

This work will be paid for at the Contract unit price per SQUARE YARD for SODDING, SALT TOLERANT measured in place for the quantity actually installed within the pay limits shown on the Drawings, as hereinafter specified, or as directed by Engineer. Grassed areas to be restored by SODDING include parkways and all other turf areas which have been disturbed by construction activities.

AGGREGATE BASE COURSE

Section 351 shall apply with the following modifications:

The Contractor shall furnish and place 4 inches or greater coarse aggregate conforming to Article 1004.04 and Article 311.05 (Type B) with a gradation number of CA-6 for use as the base course for driveways and curb and gutter, as shown on the Drawings and as directed by the Engineer. Aggregate base course for pavement patching, driveways, and sidewalk is incidental to the various contract pay items. Base course shall be placed on the prepared sub-grade. **The coarse aggregate shall be gravel, crushed gravel, crushed stone, or crushed concrete. Crushed slag and grindings from PCC or HMA surface removal operations will NOT be allowed.**

INCIDENTAL HOT-MIX ASPHALT SURFACING

This work shall consist of the preparation of the base, the application of bituminous priming material and the construction of the Hot-Mix Asphalt surface for driveway pavements and **speed humps**.

The Hot-Mix Asphalt for the Incidental Hot-Mix Asphalt surface shall meet the requirements of Section 406 of the Standard Specifications for Road and Bridge Construction. Areas where the Incidental Hot-Mix Asphalt surfacing will be placed shall have the base primed. The rate of application of prime and fine aggregate will be specified by the Engineer.

The Hot-Mix Asphalt mixture may be spread and finished by approved hand methods or a finishing machine approved by the Engineer.

The Hot-Mix Asphalt mixture shall be rolled and compacted to the satisfaction of the Engineer with tandem roller meeting the requirements of Article 1101.01 of the Standard Specifications for Road and Bridge Construction.

This work will be paid for at the contract unit price per ton for "INCIDENTAL HOT-MIX ASPHALT SURFACING", which price shall include all labor, materials and equipment necessary to complete the work.

The cost of Bituminous Materials (Tack Coat) will not be paid for separately but shall be incidental to the unit price per ton for INCIDENTAL HOT-MIX ASPHALT SURFACING.

TEMPORARY HOT-MIX ASPHALT

This work shall consist of the placement of hot-mix asphalt surface course (typically 2-inches thickness) within all utility trenches to finished grade by the end of each day or to ramp frames or curb ramps for construction staging, maintenance, and the removal of the HMA at a later date in preparation for final pavement patching.

This work will be paid for per Ton for Temporary Hot-Mix Asphalt which shall include all work, equipment, and materials necessary to construct, maintain, and remove and disposal the hot-mix asphalt surface to the limits as directed by the Engineer.

Note: Removal of temporary stone in preparation for final pavement patching shall be considered as included in the contract unit price bid for Aggregate for Temporary Access.

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT

Add the following paragraphs to Article 423.01:

"Materials: - Materials for concrete shall be in accordance with Section 420 as applicable. Class SI concrete shall be used. Forms shall be a minimum of 2" x 8" lumber or its approved equal, held in place by stakes or braces with the top edges true to line and grade. The aggregate base course shall be four (4") inches thick constructed in accordance with Section 351 of the Standard

Specifications. The driveway pavement shall be six (6") inches or eight (8") inches thick. Three-quarter (3/4") inch thick expansion joint material shall be placed between the curb and the full width of the proposed driveway. Contraction joints shall be provided.

Curing and Protection: Curing shall be in accordance with Article 1022.01. Curing compound shall be Type III. Protect all surfaces from sun. During hot weather, keep temperature of concrete below 90 degrees Fahrenheit. During cold weather, keep temperature of concrete between 50 degrees F and 70 degrees F for 3 to 5 days. Protect from frost and rapid drying for 6 days. The Contractor shall be solely responsible for protecting his work from vandalism.

All vandalized concrete work shall be removed and replaced at the Contractor's expense."

This work will be paid for at the Contract unit price per SQUARE YARD for PORTLAND CEMENT CONCRETE (PCC) DRIVEWAY PAVEMENT, of the thickness specified, measured in place. Payment shall be made for the quantity of pavement actually installed within the pay limits shown on the Drawings or as directed by Engineer.

The Contract unit price for PCC DRIVEWAY PAVEMENT shall be payment in full for all materials, labor, and equipment required for: aggregate base course for grading; reinforcement, if required; pavement placement, curing, and protective coating; and all related work required to complete the installation which is not included under other Payment Items. Earth excavation and/or addition of coarse aggregate to driveway subgrade and final grading will not be paid for separately but shall be considered as included in the contract unit price for concrete driveways.

Backfilling of driveway work will not be paid for separately but shall be considered as included in the contract unit price for concrete work.

PORTLAND CEMENT CONCRETE SIDEWALK

Add the following sentences to Article 424.01:

All sidewalk removed shall be formed within 3 working days of removal. New sidewalk shall be poured within 1 working day of being formed. The forms shall be removed within 1 working day after the concrete pour and the restoration adjacent to new sidewalk shall be done with 24 hours after removal of the forms. All low areas shall be filled in to match the surrounding grades within 72 hours of the sidewalk being poured.

Backfilling of sidewalk work will not be paid for separately but shall be considered as included in the contract unit price for concrete work.

Add the following sentences to Article 424.04:

Earth excavation and/or addition of coarse aggregate to sidewalk subgrade and final grading will not be paid for separately but shall be considered as included in the contract unit price for concrete sidewalk.

Add the following paragraphs to Article 424.06:

"Concrete placement will be permitted if air temperature is 40 degrees Fahrenheit or higher. Concrete pours shall be ended at expansion or control joints. Partial slabs shall not be allowed. The surface shall be divided by control joints extending to the depth of the slab. Control joints shall be tooled first, saw-cut to proper depth and shall be spaced at 5-foot or other uniform intervals as directed by the Engineer. All edges and intermediate joints of sidewalks shall be shaped with an edging tool having a 1/2 inch radius. Surfaces of sidewalks shall have a light broom finish, except handicapped ramps at intersections, which shall be finished as shown on the Drawings.

Curing shall be in accordance with Article 1022.01. Curing compound shall be Type III. Protect all surfaces from sun. During hot weather, keep temperature of concrete below 90 degrees Fahrenheit. During cold weather, keep temperature of concrete between 50 degrees F and 70 degrees F for 3 to 5 days. Protect from frost and rapid drying for 6 days. The Contractor shall be solely responsible for protecting his work from vandalism. **All vandalized concrete work shall be removed and replaced at the Contractor's expense.**

Add the following paragraphs to Article 424.09:

"The product used for detectable warnings shall be Prefabricated Detectable Warning Panels (Red Brick) manufactured by one of the following:

- > Access Products, Inc. (888-679-4022)/ Supplier (630-689-7574)
- > Armorcast Products Company (818-982-3600)
- > Detectable Warning Systems, Inc. (866-999-7452)
- > www.TUFTILE.com (888-960-8897)."

HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)

In addition to the requirements of Section 440 of the Standard Specifications, the Specifications shall be modified to include the following:

This work shall consist of removing the existing bituminous surface and underlying HMA base, PCC base, brick base, or aggregate base at varying depths from 2" to 4" (**nominal depth of 3"**) to the limits specified on the plans and/or as directed by the Engineer in accordance with the applicable portions of Section 440 of the Standard and Supplemental Specifications. The provisions of Article 440.03 of the Standard Specification should be modified to include the following:

Pavement patching shall be completed after the pavement is milled. The ENGINEER will inspect the milled pavement and identify the areas which will require pavement patching. If new curb and gutter is part of the project, the curb and gutter shall be constructed prior to the start of the milling operation.

HMA Surface Removal, Variable Depth shall include any additional passes of the milling machine required to remove an existing quarter crown and establish the proposed/uniform pavement cross slope as directed by the Engineer. These operations shall be considered incidental to the work, and no separate payment shall be made."

This work will be paid for at the Contract unit price per SQUARE YARD for HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH outside of the standard trench width, but within the payment limits for full-width street resurfacing shown on the Drawings and/or as directed by the Engineer.

Basis of Payment: This work will be paid for at the Contract unit price per square yard for HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, which price shall include all labor, material and equipment necessary to perform the work as specified herein

PAVEMENT PATCHING

Add the following paragraph to Article 442.01:

"Class C (also called Type B on the Drawings) patches shall conform to Section 353-Portland Cement Concrete Base Course and Class D (also called Type D on the Drawings) patches shall conform to Section 355 – Hot-Mix Asphalt (HMA) Base Course. Existing pavement is to be

removed and replaced in accordance with the Drawings. The quantification sub-types: I, II, III, and IV, shall not apply.”

Delete Note 1 of Article 442.02 and replace with the following:

“Note 1. For Class C pavement patches, Early Strength Patching Mixture as specified in Article 1020.05(g)(1) shall be utilized.”

Add the following sentences to the first paragraph of Article 442.05:

“The Contractor shall saw-cut existing pavements to full depth, along the line of the maximum allowable trench width as showing on the Drawings. All excavated material including paving bricks shall be properly disposed of off-site. No drop hammer and/or guillotine-type concrete breakers/cutters shall be utilized for pavement removal. **No earth saw shall be utilized to saw-cut pavement.**”

Add the following sub-paragraph to Article 442.06 Paragraph (a) Subparagraph (2):

“On streets having a concrete base and HMA overlay, PCC concrete base patches will be 2 inches below existing pavement surface.

This work will be paid for at the Contract unit price per SQUARE YARD for CLASS C PATCHES, SPECIAL, 9” and CLASS D PATCHES, SPECIAL, 9”, measured in place. Payment shall be made for the quantity of patch actually installed within the pay limits shown on the Drawings or as directed by Engineer.

These Contract unit prices shall be payment in full for all materials, labor and equipment required for: saw-cutting (full depth), removal, and disposal of existing pavement and sub-base to proposed subgrade; furnishing, placement and final grading of aggregate base course, new paving materials and installation; furnishing and installing contraction joints, dowel bars, and expansion joints as required; finishing and additional reinforcement where required for concrete pavement; and related work required to complete the installation which is not included in other Payment Items.

FIBERGLASS FABRIC REPAIR SYSTEM

Add the following to Article 444.01 of the Standard Specifications:

The fiberglass fabric shall be placed in strips 12-inches wide to be placed over joints and cracks in the pavement at locations as directed by the Engineer prior to placement of leveling binder. **One-way traffic shall be maintained during installation using 2 flagmen** and shall be considered as included in the cost for this pay item.

This work will be paid for at the contract unit price per square yard for Fiberglass Fabric Repair System, which includes preparation of existing pavement and other incidentals necessary to place the system.

CATCH BASIN, MANHOLE, INLET, AND VALVE VAULT CONSTRUCTION, ADJUSTMENT AND RECONSTRUCTION

Delete Article 602.01 and replace it with the following:

“**602.01 Description.** This work, as shown on the Drawings, shall consist of:

- (a) Removing and disposing of existing manholes, inlets and catch basins designated to be abandoned.
- (b) Replacing existing manholes, catch basins, inlets, and valve vaults.
- (c) Adjusting or partially reconstructing existing manholes, catch basins, inlets, or valve vault structures in order to rehabilitate the utility structure and/or establish the utility

- structures at final finished grades.
- (d) Constructing new valve vaults, including bases, barrel sections, transition cone sections or flat slab tops (if required), and required frames and lids.
 - (e) Constructing new combined sewer and relief sewer manholes, catch basins and inlets, including placing precast reinforced concrete sections together with flat slab tops (if required), transition sections, precast monolithic bases, frames and lids.
 - (f) Installing new frames/lids on existing utility structures to meet grades shown on the Drawings, to match existing grades, or as directed by Engineer.”

Add the following paragraph and subparagraphs to Article 602.02:

“In addition to the requirements of the Standard Specifications previously cited, manhole catch basin, inlet and valve vaults materials shall conform to the following additional requirements, which, in case of conflict, shall take precedence over the Standard Specifications:

- (a) **Materials for Reconstructing Existing Structures.** Concrete brick or precast reinforced concrete sections.
- (b) **Materials for Constructing New Structures.** Precast reinforced concrete sections only.
- (c) **Final Grade Adjustments for Structures.** Tapered precast reinforced concrete adjustment rings shall be used for final grade adjustment of existing and new structures. Adjustment rings shall be laid on a full bed of mortar. A minimum of one and a maximum of two rings shall be used for final grade adjustment at each structure. The total height of final adjustment shall not exceed 11-inches for any structure. The use of brick for final structure adjustment is not permitted.
- (d) Frames, covers and grates shall conform to Frames & Grates special provision.
- (e) **Inlets.** Inlets shall be precast reinforced concrete conforming to INLET, TYPE A – IDOT STANDARD 602301 with the following exceptions: 1) Instead of a 16” depth, the depth shall be 34” unless otherwise specified on the drawings. 2) Instead of the 3” Sand Cushion, a minimum 6” deep granular material (CA-11) base will be required.

Shop drawings for system components shall be submitted for approval as soon as possible, but not less than thirty (30) calendar days prior to the time when the components are intended to be installed.”

Delete Article 602.03 in its entirety.

Delete Article 602.07 and replace it with the following:

“602.07 Precast Reinforced Concrete Sections. Base, barrel, cone and top sections shall be set as shown on the Drawings. The joints between precast concrete base sections, barrel sections, cone sections, and top slab sections in manholes, vaults, catch basins and inlets shall be sealed with two rings of 100 percent butyl gasket in rope form having a square cross-section of 1-inch nominal size. Adjusting rings and frames shall be set in full-width beds of cement mortar.

All lift holes on precast elements for manholes, vaults, catch basins, and inlets shall be completely filled with mortar and sealed with a bitumastic material.”

Add the following to Article 602.11:

“(d) All existing frames, lids, grates and inlets reclaimed during construction are the property of the City of Evanston. These frames lids and grates shall be moved to a suitable place on the job for storage and made available for removal by the Owner.

(e) All manhole frame castings placed shall be set in full mortar beds composed of one part masonry cement to two parts sand by volume, based on dry materials, with no admixtures. Castings must be set accurately to the finished elevation so that no subsequent adjustment will be required. All frames will be adjusted to final grade by means of concrete adjusting rings. No brickwork to produce an adjustment ring will be accepted or permitted to adjust any structure to grade. Where manholes are located in roadways, paved alleys or paved driveways, casings shall be set to match the longitudinal slope and cross-slope of the pavement.

(f) Existing frames and lids must not be used as temporary covers during construction.”

Delete the second paragraph of Article 602.13 and replace it with the following:

“The space between the sides of the excavation and the outer surfaces of the structures shall be filled with CA-11 material as shown on the Drawings.”

This work will be paid for at the Contract unit price per EACH for CATCH BASINS, MANHOLES, INLETS, and VALVE VAULTS, of the types and sizes specified, measured in place. These Contract unit prices shall be payment in full for all materials, labor, and equipment required for: site preparation, including removal, replacement and/or repair of fences and other site objects; trench excavation, including removal and disposal of existing sewer pipes, structures, and excess excavated materials; protection, support and repair of damage to existing utilities; support of trench walls; shoring and bracing; dewatering of trenches; temporary pumping of combined sewer flows; new structures; bedding; sewer connection; frames, lids and other castings; flexible check valves; abandonment of existing sewers where called out on the Drawings, including filling and placement of required plugs; supply, placement, compaction, and compaction testing of material, infiltration/exfiltration and other testing/inspection; correction of defects; and, other related work required to complete the installation which is not included under other Payment Items.

Frames and lids/grates on structures to be reconstructed will be paid for separately.

This item shall not include the cost of pavement, sidewalk, driveway, and curb/gutter removal and disposal within the pay limits shown on the Drawings. Roadway, sidewalk, driveway, and curb/gutter removal/ replacement within pay limits or as directed by the Engineer shall be paid for in accordance with the appropriate Pay Items.

CATCH BASIN, MANHOLE, INLET, DRAINAGE STRUCTURE AND VALVE VAULT CONSTRUCTION

Delete Article 602.01 and replace it with the following:

“**602.01 Description.** This work, as shown on the Drawings, shall consist of:

- (a) Removing and disposing of existing manholes, inlets and catch basins designated to be abandoned.
- (b) Replacing existing manholes, catch basins, inlets, and valve vaults.

- (c) Adjusting or partially reconstructing existing manholes, catch basins, inlets, or valve vault structures in order to rehabilitate the utility structure and/or establish the utility structures at final finished grades.
- (d) Constructing new valve vaults, including bases, barrel sections, transition cone sections or flat slab tops (if required), and required frames and lids.
- (e) Constructing new combined sewer and relief sewer manholes, catch basins and inlets, including placing precast reinforced concrete sections together with flat slab tops (if required), transition sections, precast monolithic bases, frames and lids.
- (f) Installing new frames/lids on existing utility structures to meet grades shown on the Drawings, to match existing grades, or as directed by Engineer.”

Add the following paragraph and subparagraphs to Article 602.02:

“In addition to the requirements of the Standard Specifications previously cited, manhole catch basin, inlet and valve vaults materials shall conform to the following additional requirements, which, in case of conflict, shall take precedence over the Standard Specifications:

- (a) **Materials for Reconstructing Existing Structures.** Concrete brick or precast reinforced concrete sections.
- (b) **Materials for Constructing New Structures.** Precast reinforced concrete sections only.
- (c) **Final Grade Adjustments for Structures.** Tapered precast reinforced concrete adjustment rings shall be used for final grade adjustment of existing and new structures. Adjustment rings shall be laid on a full bed of mortar. A minimum of one and a maximum of two rings shall be used for final grade adjustment at each structure. The total height of final adjustment shall not exceed 11-inches for any structure. The use of brick for final structure adjustment is not permitted.
- (d) Frames, covers and grates shall conform to Section 604.
- (e) **Inlets.** Inlets shall be precast reinforced concrete conforming to INLET, TYPE A – IDOT STANDARD 602301 with the following exceptions: 1) Instead of a 16” depth, the depth shall be 34” unless otherwise specified on the drawings. 2) Instead of the 3” Sand Cushion, a minimum 6” deep granular material (CA-11) base will be required.
- (f) **Catch Basins.** Type A catch basins shall be precast reinforced concrete conforming to CATCH BASIN TYPE A – IDOT STANDARD 602001 with the following exceptions: 1) Instead of a 34” sump, a 48” sump will be required. 2) Instead of the 3” sand cushion, a minimum 6” deep granular material (CA-11) base will be required.
- (g) **Valve Vaults.** Valve vault sections shall be precast reinforced concrete conforming to ASTM C-478. All top sections for precast reinforced concrete valve vaults shall be precast reinforced concrete concentric cones or slab tops of the same quality as the barrel of the vault. Valve vaults shall be supplied with factory-formed openings to accommodate the various size water mains such that a minimum 12 inches of

clearance between the top of the vault base and bottom of the main can be provided. Bases for replacement vaults on existing water mains shall be separate, one-piece precast units having a minimum thickness of 6 inches. No slab or split bottom shall be used. Valve vaults for new valves shall be 4-foot, 5-foot, or 6-foot diameter.

- (h) **Manholes.** Storm, sanitary, combined, and relief sewer manhole barrel sections shall be precast reinforced concrete conforming to the requirements of ASTM C-478. Pipe connections shall conform to ASTM C-923. No steps shall be installed in manholes. All top sections for precast reinforced concrete manholes shall be precast reinforced concrete eccentric cones or slab tops of the same quality as the manhole barrel. Except where otherwise indicated on the drawings, manholes shall have a precast monolithic base with a factory-installed bench and otherwise be in conformance with Illinois Department of Transportation Highway Standards MANHOLE TYPE A – IDOT STANDARD 602401. Where indicated on the drawings, manholes supplied for 48" and larger pipes shall be of a "T"-pipe base-style fabrication. The pipeline portion of the base "T" section shall conform to ASTM C-76 and be of the same pipe class as connected sewer pipe. The riser section shall conform to ASTM C-478.
- (i) **Gasket Materials for Joints Between Precast Concrete Sections.** 100 percent butyl rubber rope-type gasket having a square cross-section of 1-inch nominal size conforming to the physical properties of Federal Specifications SS-S00210 as sold under the trade name E-Z Stik or equal.

Shop drawings for system components shall be submitted for approval as soon as possible, but not less than thirty (30) calendar days prior to the time when the components are intended to be installed."

Delete Article 602.03 in its entirety.

Delete Article 602.07 and replace it with the following:

602.07 Precast Reinforced Concrete Sections. Base, barrel, cone and top sections shall be set as shown on the Drawings. The joints between precast concrete base sections, barrel sections, cone sections, and top slab sections in manholes, vaults, catch basins and inlets shall be sealed with two rings of 100 percent butyl gasket in rope form having a square cross-section of 1-inch nominal size. Adjusting rings and frames shall be set in full-width beds of cement mortar.

For valve vault reconstruction, the precast bottom slab should be placed directly on level, undisturbed earth. Sand may be used for final leveling off the bottom of the excavation, but thickness shall be kept to a practical minimum. In no case, shall the thickness of sand used for leveling exceed 1-inch. The purpose of requiring the base slab to be set on undisturbed earth and limiting the use of sand for leveling is to minimize post-construction settlement of the replacement valve vault and resulting damage to the existing water main. The Contractor shall bear the cost of repairing existing water mains damaged by vault settlement.

All lift holes on precast elements for manholes, vaults, catch basins, and inlets shall be completely filled with mortar and sealed with a bitumastic material."

Add the following to Article 602.11:

"(d) All existing frames, lids, grates and inlets reclaimed during construction are the property of

the City of Evanston. These frames lids and grates shall be moved to a suitable place on the job for storage and made available for removal by the Owner.

(e) All manhole frame castings placed shall be set in full mortar beds composed of one part masonry cement to two parts sand by volume, based on dry materials, with no admixtures. Castings must be set accurately to the finished elevation so that no subsequent adjustment will be required. All frames will be adjusted to final grade by means of concrete adjusting rings. No brickwork to produce an adjustment ring will be accepted or permitted to adjust any structure to grade. Where manholes are located in roadways, paved alleys or paved driveways, casings shall be set to match the longitudinal slope and cross-slope of the pavement.

(f) Existing frames and lids must not be used as temporary covers during construction.”

Delete the second paragraph of Article 602.13 and replace it with the following:

“The space between the sides of the excavation and the outer surfaces of the structures shall be filled with CA-11 material as shown on the Drawings.”

Delete Article 602.16 and replace it with the following:

“This work will be paid for at the Contract unit price per EACH for CATCH BASINS, MANHOLES, INLETS, and VALVE VAULTS, of the types and sizes specified, measured in place. These Contract unit prices shall be payment in full for all materials, labor, and equipment required for: site preparation, including removal, replacement and/or repair of fences and other site objects; trench excavation, including removal and disposal of existing sewer pipes, structures, and excess excavated materials; protection, support and repair of damage to existing utilities; support of trench walls; shoring and bracing; dewatering of trenches; temporary pumping of combined sewer flows; new structures; bedding; sewer connection; frames, lids and other castings; flexible check valves; abandonment of existing sewers where called out on the Drawings, including filling and placement of required plugs; supply, placement, compaction, and compaction testing of material, infiltration/exfiltration and other testing/inspection; correction of defects; and, other related work required to complete the installation which is not included under other Payment Items.

Roadway, sidewalk, driveway, and curb/gutter removal/replacement outside the pay limits shown on the Drawings required for completion of the work or for Contractor’s purposes shall be incidental to combined sewer, relief sewer, storm sewer, and sanitary sewer construction and no separate payment shall be made.”

REMOVING OR FILLING (ABANDONING) EXISTING MANHOLES, CATCH BASINS AND INLETS

Add the following sentences to Article 605.01:

“This work shall also consist of all work necessary to remove or fill existing valve vaults so designated on the Drawings. The terms “fill”, “remove”, and “abandon” shall be interchangeable and shall consist of removing the upper portion of an existing structure, filling unused pipes, sealing pipe connections, and filling the remainder of the structure with Trench Backfill sand (FA-6), compacted to the satisfaction of the Engineer.”

Articles 605.03 and 605.04 shall apply with the following modifications:

“The Contractor shall make his own investigation to determine the existence, nature and location of all sewers and appurtenances thereto within the limits of the improvement. The Contractor shall be held responsible for any damage to existing sewers. All pavements will be sawed to a full depth

prior to any casting replacement/adjustment, structure removal, or filling operation. Connecting pipes shall be cut one joint from the existing structure to be removed/filled. Structures in private paved areas, parkways and other grassed areas shall be removed a minimum of 2-feet below final grade and structures in public streets shall be removed a minimum of 6-feet below final grade. Pipes connected to these structures shown to be abandoned and shall be filled with CLSM materials in accordance with Article 550.05. Remaining portions of existing structures may be filled with Case I trench backfill material in accordance with Section 208 or may be filled with CLSM material in accordance with Article 550.05, at Contractor's option. Structures shall be pumped out and cleaned of all mud and debris before the fill material is placed. The remainder of the excavation shall be backfilled in accordance with Section 208."

Delete Article 605.06 and replace it with the following:

"This work will be paid for at the Contract unit price per EACH for catch basins, inlets, valve vaults, valve boxes, and manholes that are to be abandoned, filled, or removed, as counted in the field. These Contract unit prices shall be payment in full for all materials, labor, and equipment required for: site preparation, including removal, replacement and/or repair of fences and other site objects; excavation, including removal and disposal of existing sewer pipes, structures, and excess excavated materials; protection, support and repair of damage to existing utilities; saw-cutting, removal and disposal of existing pavement; excavation, removal and disposal of removal wastes; supply, placement, compaction, and compaction testing of backfill, stockpiling reclaimed castings; and all related work required. For items abandoned, the price shall include the cost of removal of frames/covers, adjusting collars and structure down to 24-inches below existing grassed surface or 72-inches below existing pavement as applicable, disposal of wastes, concrete bulkheads, and filling of remaining structure as specified."

FRAMES AND LIDS TO BE ADJUSTED, SPECIAL

Add the following to Article 603.03 of the Standard Specifications:

The contractor shall adjust the structures to the finished pavement elevation no more than 5 calendar days prior to placement of the final lift of surface unless approved by the Engineer.

Add the following to Article 603.09 of the Standard Specifications:

Removing frames and lids on drainage and utility structures in the pavement prior to milling, and adjusting to final grade prior to placing the surface course, will be paid for at the contract unit price each for FRAMES AND LIDS TO BE ADJUSTED, SPECIAL.

This work will **not be paid for separately** when drainage and utility structures are specified for payment as reconstructions or new manholes but shall be considered as included in the unit price bid for structure reconstructions or manholes.

ADJUSTING FRAMES AND GRATES OF DRAINAGE AND UTILITY STRUCTURES

Delete Article 603.08 and replace it with the following:

"603.08 Adjusting Rings. Drainage and utility structure frames shall be adjusted to grade by removal of the frame and adjustment from the structure, preparing the top of the structure to receive the new adjustment, installing the proper height precast concrete adjusting rings and reinstalling the frame, all in accordance with applicable provisions of Section 602. The use of cast iron adjusting rings is prohibited."

FRAMES AND GRATES

Add the following to Article 604.02:

"(f) Frames and grates furnished under this Contract shall be Gray Iron Castings conforming to the Specifications for Gray Iron Castings, ASTM A-48, Class 35. Circular lids for manholes and

vaults shall have large (2.5 inch nominal) pick holes. Circular lids for closing catch basins shall have large (2.5 inch nominal) pick holes:

(g) Frames and grates on structures shall be as follows (or approved equal):

Existing inlets and catch basins; new catch basins and inlets on Combined Sewer system:

- Neenah Type R-1712 (390 lbs.) Frame, Open Lid Grate (116 lbs.) with large (2.5 inch nominal) pick holes or equal.

New catch basins and type A inlets for Storm/Relief Sewer work:

- Neenah Type R-3031-B Frame, Sinusoidal Grate,
- Neenah Type R-3036-B Frame, Sinusoidal Grate (for Depressed Curb)

Manholes and vaults:

- Neenah Type R-1712 (390 lbs.) Frame and Extra Heavy Duty Cover (150 lbs.) with large (2.5 inch nominal) pick holes or equal. Valve Vault covers shall be lettered "WATER".

High Capacity Inlet, Type A

- Neenah Type R-3067-L Frame, Vane Grate

New frames and grates may be requested by the Engineer during adjustment of existing structures."

These items shall not include the costs of pavement, sidewalk, driveway, and curb/gutter removal and disposal necessary for installation of new frames and grates/lids. Roadway, sidewalk, driveway, and curb/gutter removal/replacement shall be paid for in accordance with the appropriate Payment Items.

Frames and grates or closed lids placed on new structures and/or reconstructions will be considered incidental to the cost of the new structures and/or reconstructions and will be paid for under the appropriate Pay Items for new structures.

Removed frames and grates shall remain the property of the city and shall be stored in a secured area for pickup by the city.

CONCRETE CURB TYPE B AND CURB AND GUTTER TYPE B6.12

Delete Article 606.01 and replace it with the following:

"606.01 Description. This work shall consist of concrete curb type B, combination concrete curb and gutter type B-6.12 and B-6.12 modified, and removal/replacement of existing medians."

All curb and gutter removed shall be formed within 2 working days of removal. New curb and gutter shall be poured within 1 working day of being formed. The forms shall be removed within 1 working day after the concrete pour and the restoration behind the new curb shall be done with 24 hours after removal of the forms. All low areas shall be filled in to match the surrounding grades within 72 hours of the curb being poured.

Add the following Subparagraphs to Article 606.02:

"(g) Base. A minimum of four (4") inches compacted thickness of aggregate base course shall be placed on the subgrade prior to construction of the proposed concrete curb and gutter.

(h) **Forms.** The use of a slip-form or curb machine is allowed, but the Contractor is advised that variable face height curb is required in many parts of the Project to match existing curbs, roadways and parkway grading. Additional pavement patching, restoration or excavation beyond the requirements of this proposal, as required for or resulting from the use of such a machine, will not be considered for additional payment and should be considered incidental to its use. **Excavation to accommodate the installation of concrete forms or use of slip-form shall be limited to 12 inches from back of proposed curb. Hand forming shall be required in the vicinity of specific trees where the root zones are near and/or have overgrown the existing curb line. These locations will be determined by the City Arborist.**

(i) **Curing.** Curing shall be in accordance with Article 1022.01. Curing compound shall be Type III. Protect all surfaces from sun. During hot weather, keep temperature of concrete below 90 degrees Fahrenheit. During cold weather, keep temperature of concrete between 50 degrees F and 70 degrees F for 3 to 5 days. Protect from frost and rapid drying for 6 days. The Contractor shall be solely responsible for protecting his work from vandalism. **All vandalized concrete work shall be removed and replaced at the Contractor's expense."**

Add the following sentence to Article 606.06 - Placing Concrete.

"The transition from full height curb to depressed curb shall be made at a maximum rate of three (3) inches per foot of length."

Delete the last sentence of the first paragraph of Article 606.07.

Add the following paragraphs to Article 606.07:

"Expansion joints consisting of pre-molded bituminous expansion joint filler, one-half inch in thickness and two greased 1-inch diameter dowel bars with expansion caps shall be placed at 50-foot intervals. When curb and gutter is constructed adjacent to flexible pavement, a 1-inch thick preformed expansion joint, conforming to the cross-section of the curb and gutter, shall be installed at points of curvature for short-radius curves and at construction joints.

Contraction joints shall be placed between expansion joints at distances not to exceed twenty-five (25) feet. Contraction joints shall be formed using steel templates one-eighth inch in thickness, equal to the width of the gutter or curb, and penetrating at least two (2) inches below the surface of the curb and gutter; using three-quarter ($\frac{3}{4}$) inch thick preformed expansion joint filler placed fully across the curb or gutter; or by sawing to a depth of at least two (2) inches after the concrete is four-hours, but not more than twenty-four hours old. If steel templates are used, they shall be left in place until the concrete has set sufficiently to hold its shape but shall be removed while the forms are still in place. Template-formed or sawed joints shall be sealed in accordance with Article 420.12.

Hand removal and hand forming of the curb and gutter shall be required in the vicinity of specific trees and their root zones. These individual locations shall be determined, in the field, by the City Arborist. These operations shall be considered incidental to the work, and no separate payment shall be made. Excavation to accommodate the installation of concrete forms or use of slip-form shall be limited to 12 inches from back of proposed curb.

Longitudinal joint tie bars are NOT required.

Backfilling of curb or curb and gutter will not be paid for separately but shall be considered as included in the contract unit price for concrete work.

TRAFFIC CONTROL AND PROTECTION

Delete Article 701.20 and replace it with the following:

This work will be paid for at the Contract LUMP SUM price for TRAFFIC CONTROL AND PROTECTION. This lump sum price shall be payment in full for all materials, labor and equipment required for: handling, furnishing, transporting, installing, maintaining, relocating and removing all traffic control devices and signage required for to fully protect construction operations and the general public; including implementing any detour plans shown on the Drawings. This lump sum price shall also include all materials, labor and equipment required for: furnishing, installing, relocating and removing steel plates and other temporary bridging over trenches, auger pits, receiving pits and other areas disturbed by construction activities. The salvage value of the materials removed shall be reflected in the price bid for this Item. Progress payments for traffic control will be made in direct proportion to the value of work completed. Contractor shall also refer to the IDOT Highway Standards and District One Details included herein for additional traffic control measures. The Contractor is advised that specific liquidated damages apply for failure to maintain traffic control devices.

TRAFFIC CONTROL AND PROTECTION shall be paid monthly in an amount equal to the lump sum price bid multiplied by the overall percentage completion of other Contract Payment Items.

STREET SWEEPING

Add the following paragraphs to Article 107.15:

“The Contractor shall utilize a mechanical street sweeper to clean streets affected by the Contractor's operations, including haul routes, at least twice per week and additionally as directed by the Engineer. Liquidated Damages shall be assessed as outlined in the Bid Form if the Contractor fails to utilize a mechanical street sweeper to the satisfaction of the Engineer. The street-sweeper shall be a full-sized, municipal-type sweeper having dust collection and street washing capabilities. If, in the opinion of the Engineer, dust becomes a problem despite the normal cleanup measures of street sweeping, the Contractor shall wash down the pavement, spread calcium chloride as a palliative, or re-sweep streets as necessary, all at no additional cost to the Owner. The Contractor shall keep sufficient quantities of calcium chloride on site, for use as directed by the Engineer for dust control. The contractor shall provide cleanings twice per week and additionally as directed by the Engineer.

Street sweeping will be measured for payment for each trip no matter the number of street cleaned during each trip.

This work will be paid for at the Contract unit price per EACH for STREET SWEEPING, which price shall be payment in full for labor, equipment and materials required to complete the work.

REMOVE AND RESETTING PAVERS

This work shall consist of the removal of existing brick/concrete paver, stone and/or any type of specialty sidewalk or driveway and replacement with the same material in kind to the same or better condition as was prior to the removal at locations and to the limits as directed by the Engineer.

The contractor will be required to furnish materials damaged during construction, surplus material for cutting or needed to replace sidewalk or driveway surfaces to the same dimensions. It is the sole responsibility of the contractor to determine the extent of work necessary prior to contract bidding and no additional compensation shall be provided.

Method of Measurement

Replacement of specialty sidewalk or driveway will be measured in place, and the area computed in square feet. Furnishing and placing sand and other replacement materials matching the existing surface will not be measured for payment, but shall be considered as included in the unit price bid.

Basis of Payment

This work will be paid for at the contract unit price per square foot for REMOVE AND RESETTING PAVERS.

CONSTRUCTION LAYOUT AND STAKING

This work shall consist of surveying local control points to establish horizontal and vertical control required for construction of concrete curb, sidewalks, and related contract items of work. These stakes or markings must be maintained throughout construction. The survey foreman will be responsible for the review of stakes and marking with the Engineer prior to the final placement of any materials.

This work will be measured and paid for at the contract unit price LUMP SUM as CONSTRUCTION LAYOUT AND STAKING, which price includes all labor, material and equipment necessary to survey control points, lines, establish stakes and marking, and the review of all such stakes and markings with the Engineer.

The limits of concrete construction contract items will be provided by the Engineer.

DETECTOR LOOP REPLACEMENT

The following Traffic Signal Special Provisions and the "District 1 Standard Traffic Signal Design Details" supplement the requirements of the State of Illinois "Standard Specifications for Road and Bridge Construction".

The intent of this Special Provision is to prescribe the materials and construction methods commonly used to replace traffic signal detector loops and replace magnetic signal detectors with detector loops during roadway resurfacing, grinding and patching operations. Loop detector replacement will not require the transfer of traffic signal maintenance from the District Electrical Maintenance Contractor to this contract's electrical contractor. The locations and the details of all installations shall be as indicated on the Plans or as directed by the Engineer.

The work to be provided under this contract consists of furnishing and installing all traffic signal work as specified on the Plans and as specified herein in a manner acceptable and approved by the Engineer.

DETECTOR LOOP REPLACEMENT. This work shall consist of replacing existing detector loops which are destroyed during grinding, resurfacing, or patching operations.

If damage to the detector loop is unavoidable, replacement of the existing detection system will be necessary. This work shall be completed by an approved Electrical Contractor as directed by the Engineer.

Replacement of the loops shall be accomplished in the following manner: The Engineer shall mark the location of the replacement loops. The Contractor may reuse the existing conduit (duct) located between the existing handhole and the pavement if it hasn't been damaged. All burrs shall be removed from the edges of the existing conduit which may cause damage to the new detector loop during installation. If the existing conduit is damaged beyond repair, or if it

cannot be located, or if additional conduits are required to provide one lead-in duct for each proposed loop; the Contractor shall be required to drill through the existing pavement into the appropriate handhole, and install 25 mm (1") unit duct conduit. This work and the required materials shall not be paid for separately but shall be included in the pay item Detector Loop Replacement. Upon establishment of the duct, the loop may be cut, installed, sealed and spliced to the twisted-shielded controller cable in the handhole.

Detector loop measurements shall include the saw-cut and the length of the loop lead-in leading to the edge of pavement. Unit duct, splicing, trench and backfill, and drilling of pavement or handholes shall be incidental to detector loop quantities.

All loops installed in new asphalt pavement shall be installed in the binder course and not in the surface course. The edge of pavement or the curb shall be cut with a 6.3 mm (1/4") deep x 100 mm (4") saw-cut to mark location of each loop lead-in.

Loop detectors shall be installed according to the requirements of the "District 1 Standard Traffic Signal Design Details." Saw-cuts from the loop to the edge of pavement shall be made perpendicular to the edge of pavement when possible in order to minimize the length of the saw-cut unless directed otherwise by the Engineer or as shown on the plan.

The detector loop cable insulation shall be labeled with the cable specifications.

Each loop detector lead-in wire shall be labeled in the handhole using a Panduit 250W175C water proof tag or approved equal secured to each wire with nylon ties. The lead-in wire, including all necessary connections for proper operation, from the edge of pavement to the handhole, shall be incidental to the price of the detector loop.

Loop sealant shall be a two-component thixotropic chemically cured polyurethane either Chemque Q-Seal 295, Percol Elastic Cement A/C Grade or an approved equal. The sealant shall be installed 3 mm (1/8") below the pavement surface, if installed above the surface the overlap shall be removed immediately.

Round loop(s) 1.8 m (six foot) diameter may be substituted for 1.8 m (six foot) by 1.8 m (six foot) square loop(s) and shall be paid for as 7.2 m (24 feet) of detector loop.

Resistance to ground shall be a minimum of 100 megohms under any conditions of weather or moisture.

Heat shrink splices shall be used according to the "District 1 Standard Traffic Signal Design Details."

Drilling handholes, sawing the pavement, furnishing and installing unit-duct to the appropriate handhole, cable splicing to provide a fully operable detector loop, testing and all trench and backfill shall be included in this item.

Detector loop replacement shall be measured along the sawed slot in the pavement containing the loop and lead-in, rather than the actual length of the wire in the slot.

Basis of Payment. Detector Loop Replacement shall be paid for at the contract unit price per foot (meter) of DETECTOR LOOP REPLACEMENT.

LAWN SPRINKLER SYSTEM REPAIRS

This work shall consist of repairing lawn sprinkler systems damaged by construction operations to the full extent. The Contractor shall remove and properly dispose of damaged system materials and furnish and install sprinkler system replacement lines, fittings, and heads of the same or better quality as approved by the Engineer.

Sprinkler system repairs shall be made by an experienced contractor specializing in lawn sprinkler system installation, maintenance, and repair able to provide proof of past experience upon request. The sprinkler system repair contractor will be considered a qualified contractor as determined by the Engineer. The contractor shall coordinate all repairs with the individual sprinkler system owners in order to access controls for flushing and testing and under no circumstance shall the City take responsibility for scheduling repairs. The City will not make payment for system repairs until individual system owners have indicated in writing that their system has been satisfactorily repaired.

Basis of Payment

This work will be paid for at the contract unit price per foot for LAWN SPRINKLER SYSTEM REPAIRS.

This work will only be paid for when the damaged materials are within 1-foot of a proposed improvement. Damages that occur outside of 1-foot from proposed improvements shall be replaced by the Contractor at his/her own expense.

Payment shall include all types and sizes of sprinkler system materials. Fitting, heads, and all other components necessary to make system repairs to the full extent will not be paid for separately but shall be considered as included in the contract unit prices for LAWN SPRINKLER SYSTEM REPAIRS.

HOT-MIX ASPHALT SURFACE PATCHES: ASBURY AVENUE, CENTRAL STREET, RIDGE AVENUE AND SOUTH BOULEVARD.

Add following paragraph to article 442.01 and 406.01

This work shall consist of grinding existing bituminous surface to a depth of 2" at locations directed by Engineer, in accordance with the applicable portions of section 440 of the Standard and Supplemental Specifications. All milled area shall be thoroughly cleaned, before applying necessary prime coat. Immediately after that Hot Mix Asphalt Surface Course shall be placed and compacted in accordance with the section 406 of the Standard Specifications. Also necessary short term markings shall be applied as directed by Engineer. Contractor will be required to post "No Parking Signs" at various locations as necessary. All other necessary traffic control shall be provided to safely perform grinding and paving operations.

There are existing traffic signal detector loops at most of the signalized intersections. It is anticipated that traffic signal detector loops will be damaged during the patching work. Contractor will be required to re install damaged loops. City of Evanston will provide whatever existing plans are available. Contractor will be required to figure out some of the loops in field by their crew.

It is estimated that 75% of the surface patches will have a minimum width of six feet and remaining 25% of patches shall varies in width from two feet to six feet. Contractor shall complete paving of all milled surface by end of the work day.

Method of Measurement:

Hot Mix Asphalt Surface Removal will be measured in Square Yard and Thermoplastic Pavement Markings will be measured in feet. Bituminous Materials (Tack Coat) and Short Term Pavement Markings will be considered incidental to various items. Also all required traffic control will NOT be measured separately.

Basis of Payment:

This work will be paid for at the contract unit prices for HOT MIX ASPHALT SURFACE REMOVAL, HOT MIX ASPHALT SURFACE COURSE and, THERMOPLASTIC PAVEMENT MARKINGS LINE, which price shall include all labor, materials and equipment required to complete the work.

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2022

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

No ERRATA this year.

SUPPLEMENTAL SPECIFICATIONS

Std. Spec. Sec.

Page No.

No Supplemental Specifications this year.

BDE SPECIAL PROVISIONS
For the April 29, 2022 and June 17, 2022 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 BD&E. An * indicates a new or revised special provision for the letting.

File Name	#		Special Provision Title	Effective	Revised
	80099	1	<input type="checkbox"/> Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
*	80274	2	<input type="checkbox"/> Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	<input type="checkbox"/> Automated Flagger Assistance 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	
	50261	8	<input type="checkbox"/> Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50481	9	<input type="checkbox"/> Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50491	10	<input type="checkbox"/> Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50531	11	<input type="checkbox"/> Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
	80384	12	<input type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
	80198	13	<input type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
	80199	14	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80293	15	<input type="checkbox"/> Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
	80311	16	<input type="checkbox"/> Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
	80261	17	<input type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	18	<input type="checkbox"/> Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
	80029	19	<input type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
	80229	20	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80433	21	<input type="checkbox"/> Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80422	22	<input type="checkbox"/> High Tension Cable Median Barrier	Jan. 1, 2020	Jan. 1, 2022
*	80443	23	<input type="checkbox"/> High Tension Cable Median Barrier Removal	April 1, 2022	
*	80444	24	<input type="checkbox"/> Hot-Mix Asphalt – Patching	April 1, 2022	
	80442	25	<input type="checkbox"/> Hot-Mix Asphalt – Start of Production	Jan. 1, 2022	
	80438	26	<input type="checkbox"/> Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	Sept. 2, 2021
	80411	27	<input type="checkbox"/> Luminaires, LED	April 1, 2019	Jan. 1, 2022
	80045	28	<input type="checkbox"/> Material Transfer Device	June 15, 1999	Jan. 1, 2022
	80418	29	<input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	Nov. 1, 2020
	80430	30	<input type="checkbox"/> Portland Cement Concrete – Haul Time	July 1, 2020	
	34261	31	<input type="checkbox"/> Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80395	32	<input type="checkbox"/> Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
	80340	33	<input type="checkbox"/> Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	34	<input type="checkbox"/> Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	35	<input type="checkbox"/> Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	36	<input type="checkbox"/> Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	37	<input type="checkbox"/> Submission of Payroll Records	April 1, 2021	
	80435	38	<input type="checkbox"/> Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2022
	80410	39	<input type="checkbox"/> Traffic Spotters	Jan. 1, 2019	
	20338	40	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80318	41	<input type="checkbox"/> Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
	80429	42	<input type="checkbox"/> Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	43	<input type="checkbox"/> Vehicle and Equipment Warning Lights	Nov. 1, 2021	
	80440	44	<input type="checkbox"/> Waterproofing Membrane System	Nov. 1, 2021	
	80302	45	<input type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80427	46	<input type="checkbox"/> Work Zone Traffic Control Devices	Mar. 2, 2020	
	80071	47	<input type="checkbox"/> Working Days	Jan. 1, 2002	

The following special provisions are in the 2022 Standard 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>
80425	Cape Seal	Sections 405, 1003	Jan. 1, 2020	Jan. 1, 2021
80387	Contrast Preformed Plastic Pavement Marking	Articles 780.08, 1095.03	Nov. 1, 2017	
80402	Disposal Fees	Article 109.04(b)	Nov. 1, 2018	
80378	Dowel Bar Inserter	Articles 420.03, 420.05, 1103.20	Jan. 1, 2017	Jan. 1, 2018
80421	Electric Service Installation	Articles 804.04, 804.05	Jan. 1, 2020	
80415	Emulsified Asphalts	Article 1032.06	Aug. 1, 2019	
80423	Engineer's Field Office and Laboratory	Section 670	Jan. 1, 2020	
80417	Geotechnical Fabric for Pipe Underdrains and French Drains	Articles 1080.01(a), 1080.05	Nov. 1, 2019	
80420	Geotextile Retaining Walls	Article 1080.06(d)	Nov. 1, 2019	
80304	Grooving for Recessed Pavement Markings	Articles 780.05, 780.14, 780.15	Nov. 1, 2012	Nov. 1, 2020
80416	Hot-Mix Asphalt – Binder and Surface Course	Sections 406, 1003, 1004, 1030, 1101	July 2, 2019	Nov. 1, 2019
80398	Hot-Mix Asphalt – Longitudinal Joint Sealant	Sections 406, 1032	Aug. 1, 2018	Nov. 1, 2019
80406	Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT)	Sections 406, 1030	Jan. 1, 2019	Jan. 2, 2021
80347	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Sections 406, 1030	Nov. 1, 2014	July 2, 2019
80383	Hot-Mix Asphalt – Quality Control for Performance	Sections 406, 1030	April 1, 2017	July 2, 2019
80393	Manholes, Valve Vaults, and Flat Slab Tops	Articles 602.02, 1042.10	Jan. 1, 2018	Mar. 1, 2019
80424	Micro-Surfacing and Slurry Sealing	Sections 404, 1003	Jan. 1, 2020	Jan. 1, 2021
80428	Mobilization	Article 671.02	April 1, 2020	
80412	Obstruction Warning Luminaires, LED	Sections 801, 822, 1067	Aug. 1, 2019	
80359	Portland Cement Concrete Bridge Deck Curing	Articles 1020.13, 1022.03	April 1, 2015	Nov. 1, 2019
80431	Portland Cement Concrete Pavement Patching	Articles 701.17(e)(3)b, 1001.01(d), 1020.05(b)(5)	July 1, 2020	
80432	Portland Cement Concrete Pavement Placement	Article 420.07	July 1, 2020	
80300	Preformed Plastic Pavement Marking Type D - Inlaid	Articles 780.08, 1095.03	April 1, 2012	April 1, 2016
80157	Railroad Protective Liability Insurance (5 and 10)	Article 107.11	Jan. 1, 2006	
80306	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Section 1031	Nov. 1, 2012	Jan. 2, 2021
80407	Removal and Disposal of Regulated Substances	Section 669	Jan. 1 2019	Jan. 1, 2020
80419	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Articles 280.02, 280.04, 1080.02, 1080.03, 1081.15	Nov. 1, 2019	July 1, 2021
80408	Steel Plate Beam Guardrail Manufacturing	Article 1006.25	Jan. 1, 2019	
80413	Structural Timber	Article 1007.03	Aug. 1, 2019	
80298	Temporary Pavement Marking	Section 703, Article 1095.06	April 1, 2012	April 1, 2017
80409	Traffic Control Devices – Cones	Article 701.15(a), 1106.02(b)	Jan. 1, 2019	
80288	Warm Mix Asphalt	Sections 406, 1030, 1102	Jan. 1, 2012	April 1, 2016
80414	Wood Fence Sight Screen	Article 641.02	Aug. 1, 2019	April 1, 2020

The following special provisions require additional information from the designer. The additional information needs to be submitted as a separate document. The Project Coordination and Implementation section will then include the information in the applicable special provision.

- Bridge Demolition Debris
- Building Removal - Case I
- Building Removal – Case II
- Building Removal - Case III
- Building Removal-Case IV
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

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 ^{1/}	600-749	2002
	750 and up	2006
June 1, 2011 ^{2/}	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006
June 1, 2012 ^{2/}	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

HOT-MIX ASPHALT – PATCHING (BDE)

Effective: April 1, 2022

Replace Article 442.08(b) of the Standard Specifications with the following:

“(b) Density. The density of the compacted HMA shall be according to Articles 1030.06, 1030.09(b), 1030.09(c), and 1030.09(f).”

80444

PORTLAND CEMENT CONCRETE – HAUL TIME (BDE)

Effective: July 1, 2020

Revise Article 1020.11(a)(7) of the Standard Specifications to read:

"(7) Haul Time. Haul time shall begin when the delivery ticket is stamped. The delivery ticket shall be stamped no later than five minutes after the addition of the mixing water to the cement, or after the addition of the cement to the aggregate when the combined aggregates contain free moisture in excess of two percent by weight (mass). If more than one batch is required for charging a truck using a stationary mixer, the time of haul shall start with mixing of the first batch. Haul time shall end when the truck is emptied for incorporation of the concrete into the work. The maximum haul time shall be as follows.

Concrete Temperature at Point of Discharge, °F (°C)	Maximum Haul Time ^{1/} (minutes)	
	Truck Mixer or Truck Agitator	Nonagitator Truck
50 - 64 (10 - 17.5)	90	45
> 64 (> 17.5) - without retarder	60	30
> 64 (> 17.5) - with retarder	90	45

1/ To encourage start-up testing for mix adjustments at the plant, the first two trucks will be allowed an additional 15 minutes haul time whenever such testing is performed.

For a mixture which is not mixed on the jobsite, a delivery ticket shall be required for each load. The following information shall be recorded on each delivery ticket: (1) ticket number; (2) name of producer and plant location; (3) contract number; (4) name of Contractor; (5) stamped date and time batched; (6) truck number; (7) quantity batched; (8) amount of admixture(s) in the batch; (9) amount of water in the batch; and (10) Department mix design number.

For concrete mixed in jobsite stationary mixers, the above delivery ticket may be waived, but a method of verifying the haul time shall be established to the satisfaction of the Engineer."

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.”

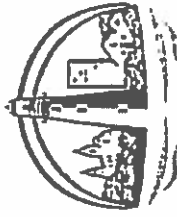
WORKING DAYS (BDE)

Effective: January 1, 2002

The Contractor shall complete the work within 40 working days.

80071

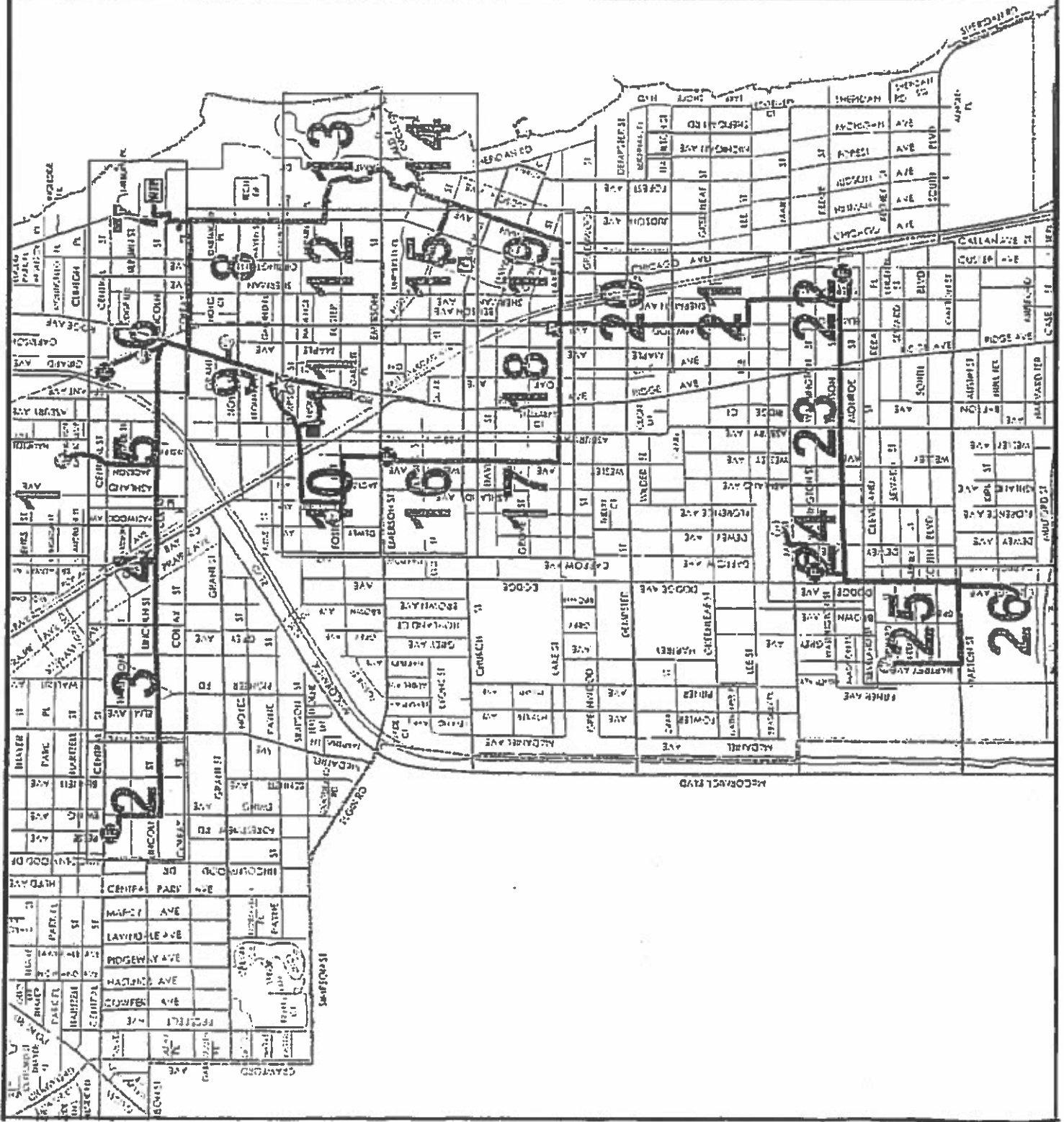
City of Evanston Fiber Network Booklet



City of
Evanston
Geographic Information
System Division

—●— Evanston Conduit
—●— NU Conduit

1,100 Feet



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.

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.

Test	Asphalt Grade GTR 70-28	Asphalt Grade GTR 64-28
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:

Sieve Size	Percent Passing
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 ± 0.40 percent.”

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 ^{1/2/}
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 ^{1/2/}
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 ± 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.”

FRICITION AGGREGATE (D1)

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

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

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

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

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

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

DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)

Effective: January 1, 1985

Revised: January 5, 2016

886.02TS

The following Traffic Signal Special Provisions and the "District 1 Standard Traffic Signal Design Details" supplement the requirements of the State of Illinois "Standard Specifications for Road and Bridge Construction" Sections 810, 886, 1079 and 1088.

The intent of this Special Provision is to prescribe the materials and construction methods commonly used to replace traffic signal detector loops and replace magnetic signal detectors with detector loops during roadway resurfacing, grinding and patching operations. Loop detector replacement will not require the transfer of traffic signal maintenance from the District Electrical Maintenance Contractor to this contract's electrical contractor. Replacement of magnetic detector will require wiring revisions inside the control cabinet and therefore the transfer of maintenance will be required. All material furnished shall be new. The locations and the details of all installations shall be as indicated on the Plans or as directed by the Engineer.

The work to be provided under this contract consists of furnishing and installing all traffic signal work as specified on the Plans and as specified herein in a manner acceptable and approved by the Engineer.

Notification of Intent to Work.

Contracts such as pavement grinding or patching which result in the destruction of traffic signal detection require a notification of intent to work and an inspection. A minimum of seven (7) working days prior to the detection removal, the Contractor shall notify the:

- Traffic Signal Maintenance and Operations Engineer at (847)705-4424
- IDOT Electrical Maintenance Contractor at (773) 287-7600

at which time arrangements will be made to adjust the traffic controller timing to compensate for the absence of detection.

Failure to provide proper notification may require the District's Electrical Maintenance Contractor to be called to investigate complaints of inadequate traffic signal timing. All costs associated with these expenses will be paid for by the Contractor at no additional expense to the Department according to Section 109 of the "Standard Specifications."

Acceptance of Material.

The Contractor shall provide:

1. All material approval requests shall be submitted a minimum of seven (7) days prior to the delivery of equipment to the job site, or within 30 consecutive calendar days after the contract is awarded, or within 15 consecutive calendar days after the preconstruction meeting, whichever is first.
2. Four (4) copies of a letter listing the vendor's name and model numbers of the proposed equipment shall be supplied. The letter will be reviewed by the Traffic Design Engineer to determine whether the equipment to be used is approved. The

letters will be stamped as approved or not approved accordingly and returned to the Contractor.

3. One (1) copy of material catalog cuts.
4. The contract number, permit number or intersection location must be on each sheet of the letter and material catalog cuts as required in items 2 and 3.

Inspection of Construction.

When the road is open to traffic, except as otherwise provided in Section 801 and 850 of the Standard Specifications, the Contractor must request a turn-on and inspection of the completed detector loop installation at each separate location. This request must be made to the Traffic Signal Maintenance and Operations Engineer at (847)705-4424 a minimum of seven (7) working days prior to the time of the requested inspection.

Acceptance of the traffic signal equipment by the Department shall be based upon inspection results at the traffic signal "turn on." If approved, traffic signal acceptance shall be verbal at the "turn on" inspection followed by written correspondence from the Engineer. If this work is not completed in time, the Department reserves the right to have the work completed by others at the Contractor's expense.

All cost of work and materials required to comply with the above requirements shall be included in the pay item bid price, under which the subject materials and signal equipment are paid, and no additional compensation will be allowed. Materials and signal equipment not complying with the above requirements will be subject to removal and disposal at the Contractor's expense.

Restoration of Work Area.

Restoration of the traffic signal work area due to the detector loop installation and/or replacement shall be included in the cost of this item. All roadway surfaces such as shoulders, medians, sidewalks, pavement shall be replaced as shown in the plans or in kind. All damage to mowed lawns shall be replaced with an approved sod, and all damage to unmowed fields shall be seeded.

Removal, Disposal and Salvage of Existing Traffic Signal Equipment.

The removal, disposal, and salvage of existing traffic signal equipment shall be included in the cost of this item. All material and equipment removed shall become the property of the Contractor and disposed of by the Contractor outside the State's right-of-way. No additional compensation shall be provided to the Contractor for removal, disposal or salvage expense for the work in this contract.

DETECTOR LOOP REPLACEMENT.

This work shall consist of replacing existing detector loops which are destroyed during grinding, resurfacing, or patching operations.

If damage to the detector loop is unavoidable, replacement of the existing detection system will be necessary. This work shall be completed by an approved Electrical Contractor as directed by the Engineer.

Replacement of the loops shall be accomplished in the following manner: The Engineer shall mark the location of the replacement loops. The Traffic Signal Maintenance and Operations Engineer shall be called to approve loop locations prior to the cutting of the pavement. The

Contractor may reuse the existing coilable non-metallic conduit (CNC) located between the existing handhole and the pavement if it hasn't been damaged. CNC meeting the requirements of NEC Article 353 shall be used for detector loop raceways to the handholes. All burrs shall be removed from the edges of the existing conduit which could cause damage to the new detector loop during installation. If the existing conduit is damaged beyond repair, if it cannot be located, or if additional conduits are required for each proposed loop; the Contractor shall be required to drill through the existing pavement into the appropriate handhole, and install 1" (25 mm) CNC. This work and the required materials shall not be paid for separately but shall be included in the pay item Detector Loop Replacement. Once suitable CNC raceways is established, the loop may be cut, installed, sealed and spliced to the twisted-shielded lead-in cable in the handhole. All loops installed in new asphalt pavement shall be installed in the binder course and not in the surface course. The edge of pavement or the curb shall be cut with a 1/4" (6.3 mm) deep x 4" (100 mm) saw-cut to mark location of each loop lead-in.

A minimum of seven (7) working days prior to the Contractor cutting loops, the Contractor shall have the proposed loop locations marked and contact the Traffic Signal Maintenance and Operations Engineer (847)705-4424 to inspect and approve the layout.

Loop detectors shall be installed according to the requirements of the "District 1 Standard Traffic Signal Design Details." Saw-cuts from the loop to the edge of pavement shall be made perpendicular to the edge of pavement when possible in order to minimize the length of the saw-cut unless directed otherwise by the Engineer or as shown on the plan.

The detector loop cable insulation shall be labeled with the cable specifications.

Each loop detector lead-in wire shall be labeled in the handhole using a water proof tag, from an approved vendor, secured to each wire with nylon ties. The lead-in wire, including all necessary connections for proper operation, from the edge of pavement to the handhole, shall be included in the detector loop pay item.

Loop sealant shall be a two-component thixotropic chemically cured polyurethane. The sealant shall be installed 1/8" (3 mm) below the pavement surface. If installed above the surface the excess shall be removed immediately.

Round loop(s) 6 ft (1.8 m) diameter may be substituted for 6 ft (1.8 m) by 6 ft (1.8 m) square loop(s) and shall be paid for as 24 feet (7.2 m) of detector loop.

Resistance to ground shall be a minimum of 100 mega-ohms under any conditions of weather or moisture. Inductance shall be more than 50 and less than 700 microhenries. Quality readings shall be more than 5.

Heat shrink splices shall be used according to the "District 1 Standard Traffic Signal Design Details."

Detector loop replacement shall be measured along the sawed slot in the pavement containing the loop cable up to the edge of pavement, rather than the actual length of the wire in the slot. Drilling handholes, sawing the pavement, furnishing and installing CNC to the appropriate

handhole, cable splicing to provide a fully operable detector loop, testing and all trench and backfill shall be included in this item.

Basis of Payment.

Detector Loop Replacement shall be paid for at the contract unit price per foot (meter) of DETECTOR LOOP REPLACEMENT.

MAGNETIC DETECTOR REMOVAL AND DETECTOR LOOP INSTALLATION.

This work shall consist of the removal of existing magnetic detectors, magnetic detector lead-in cable and magnetic detection amplifiers and related control equipment wiring, installation of detector lead-in cable, detector loops, detector amplifiers and related equipment wiring. The detector loop, cable, and amplifier shall be installed according to the applicable portions of the "Standard Specifications" and the applicable portions of the Special Provision for "Detector Loop Replacement." All drilling of handholes, furnishing and installing CNC, cable splicing, trench and backfill, removal of equipment, and removing cable from conduit shall be included in this item.

Basis of Payment.

Magnetic Detector Removal and Detector Loop Installation shall be paid for at the contract unit price per foot (meter) for DETECTOR LOOP, TYPE I, per each for INDUCTIVE LOOP DETECTOR, and foot (meter) for ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR.

DRAINAGE AND INLET PROTECTION UNDER TRAFFIC (BDED1)

Effective: April 1, 2011

Revised: April 2, 2011

Add the following to Article 603.02 of the Standard Specifications:

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

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

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

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

Revise Article 603.07 of the Standard Specifications to read:

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

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

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

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

Placement shall be according to the manufacturer's specifications.

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

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.”

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)

Effective: November 1, 2019

Revised: December 1, 2021

Revise Article 1004.03(c) to read:

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

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

1/ CA 16 or CA 13 may be blended with the CA 11.

2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.

4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve.”

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

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

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

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

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

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

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

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

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

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

1/ Based on percent of total aggregate weight.

2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with 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 ^{1/}		18.5			
SMA-12.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
SMA-9.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
IL-19.0L	13.5				
IL-9.5L	15.0				

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

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

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

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

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

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

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 ^{1/}	V _D , P, T _B , 3W, O _T , O _B	V _S , T _B , T _F , O _T	As specified in Section 1030
IL-4.75 and SMA _{3/4/}	T _B , 3W, O _T	T _F , 3W	As specified in Section 1030
Mixtures on Bridge Decks ^{2/}	T _B	T _F	As specified in Articles 582.05 and 582.06.

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

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

“The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design’s G_{mb}.”

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

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

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

“When a test strip is constructed, the Contractor shall collect and split the mixture according to the document “Hot-Mix Asphalt Test Strip Procedures”. The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document “Hot-Mix Asphalt Mixture Design Verification Procedure” Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production.”

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.”

STATUS OF UTILITIES (D1)

Effective: June 1, 2016

Revised: January 1, 2020

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

UTILITIES TO BE ADJUSTED

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

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

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

Pre-Stage: _____ Days Total Installation

Stage 1: _____ Days Total Installation

Stage 2: _____ Days Total Installation

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

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

UTILITIES TO BE WATCHED AND PROTECTED

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

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

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

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

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

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

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

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

EROSION & SEDIMENT CONTROL ITEMS

Cleaving & Grading Limits		PR
Dike		PR
Erosion Control Fence		PR
Perimeter Erosion Barrier		PR
Temporary Fence		PR
Catch Check Temporary		PR
Outlet Check Permanent		PR
Inlet & Pipe Protection		PR
Sequencer Basin		PR
Erosion Control Blanket		PR
Fabric Formed Concrete Assessment Mat		PR
Turf Reinforced eroded Mat		PR
Mulch Temporary		PR
Mulch Method 1		PR
Mulch Method 2 Stabilized		PR
Mulch Method 3 Hydraulic		PR
Appas Index Line		EX
Appas Intermediate Line		EX
Index Contour		EX
Intermediate Contour		EX

NON-HIGHWAY IMPROVEMENT ITEMS

Noise Abn./Screen		EX
Field Line		EX
Fence		EX
Gate of Fence		EX
Mailbox		PR
Stumps Mailboxes		PR
Pay Telephone		PR
Advertising Sign		PR
ITS Camera		PR
Wind Turbine		PR
Cellular Tower		PR
Intelligent Transportation Systems		PR
Contour Hounding Line		EX
Fence		EX
Fence Post		EX
Shrubs		EX
Mowline		EX
Perennial Plants		EX
Seeding Class 2		EX
Seeding Class 2A		EX
Seeding Class 4		EX
Seeding Class 4 & 5 Combined		EX

EXISTING LANDSCAPING ITEMS (contd.)

Seeding Class 3		PR
Seeding Class 7		PR
Seedlings Type 1		PR
Seedlings Type 2		PR
Seeding		PR
Herestake warning		PR
Tree Trunk Protection		PR
Ereogreen fire		PR
Shrub Tree		PR
Duct		EX
Conduit		EX
Electrical Aerial Cable		EX
Electrical Billed Cable		EX
Controller		EX
Underpass Luminaire		EX
Power Pole		EX

LIGHTING

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
(Sheet 3 of 9)

STANDARD 000001-08

Illinois Department of Transportation

PROJECT NO. 11-1-01

DATE: 11-1-01

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

SCALE: AS SHOWN

LIGHTING
(contd.)

Pub. Point

Handhole

Heavy Duty Handhole

Handhole Bar

Light Unit Canopy

Electrical Ground

Traffic Flow Arrow

High Mast Pole (Half Size)

Light Unit-1

EX



PR



PAVEMENT (MISC.)

Eyed Long. Joint

Eyed Long. Joint w/Flt Bars

Sawed Long. Joint w/Flt Bars

Blunt-topped Shoulder

Blunt-topped Taper

Stabilized Driveway

Widening

EX



PAVEMENT MARKINGS

Handicap Symbol

PR Crossing

Raised Marker Amber 1 Way

Raised Marker Amber 2 Way

Raised Marker Crystal 1 Way

Two Way Turn Left

Shoulder Diag. Pattern

SLIP-DASH White

SLIP-DASH Yellow

Stop Line

Solid Line

Double Centerline

Dotted Lines

EX



PR



Missouri Department of Transportation
 Project No. _____
 Contract No. _____
 Sheet No. _____
 Date _____

**STANDARD SYMBOLS,
 ABBREVIATIONS
 AND PATTERNS**
(Sheet 4 of 5)
STANDARD 000001-00

PAVEMENT MARKINGS
(cont'd.)

CL 2x2 2Way
R1P14 112 3 mil 107 111

CL 2x4 2Way
R1P14 87 124.4 mil 107 111

CL Multiple Div.
R1P14 47 112 3 mil 107 111

CL Multiple Div.
R1P14 87 124.4 mil 107 111

CL Multiple Div., Div.
R1P14 87 124.4 mil 107 111

CL Multiple Line

Two Way Turn Left Line

Urban Combination Left

Urban Combination Right

Urban Left Turn Arrow

Urban Right Turn Arrow

Urban Left Turn Only

Urban Right Turn Only

Urban Thru Only

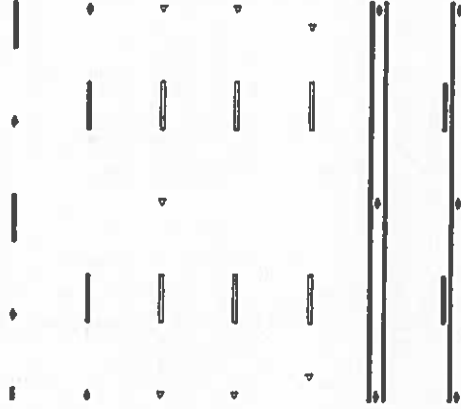
Urban LT & RT Turn Arrow

Urban Thru Arrow

NAME: <u>W.P. Kelly</u> COUNTY: <u>Worcester</u> DISTRICT: <u>1st</u> OFFICE: <u>State Representative</u>	DATE: <u>11-17</u> YEAR: <u>2011</u> SIGNATURE: <u>W.P. Kelly</u> TITLE: <u>State Representative</u>

EX

PR



RAILROAD ITEMS

Abandoned Railroad

Railroad

Railroad Point

Control Box

Curving Gate

Flashing Signal

Railroad Cent. Mast Arm

Crestback

REMOVAL ITEMS

Removal T/C

Blunt-nosed Removal

Health Pattern

Tree Removal Single

RIGHT OF WAY ITEMS

Future ROW Center Monument

ROW Marker

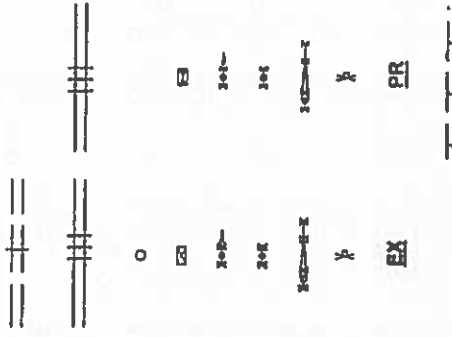
ROW Line

Entrance

Temporary Easement

EX

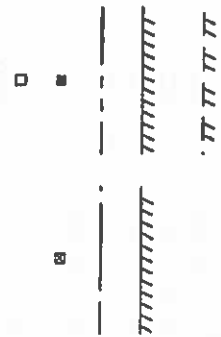
PR



0

EX

PR



**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**
(Sheet 2 of 3)

STANDARD 000001-08

RIGHT OF WAY ITEMS (contd.)	EX	PR	ROADWAY PROFILES	EX	PR	SIGNING ITEMS (contd.)	EX	PR
Access Control Line	---	---				Reverse Left W1-4L (Half Size)		
Access Control Line & ROW	--- AC ---	--- AC ---				Reverse Right W1-4R (Half Size)		
Access Control Line & ROW with fence	--- AC --- --- AC ---	--- AC --- --- AC ---				Two Way Traffic Sign W6-3 (Half Size)		
Excess ROW Line	--- XS ---	---				Opening Ahead W20-2(0) (Half Size)		
ROADWAY PLAN ITEMS								
Cable Barrier						Left Lane Closed Ahead W20-5(1)(H) (Half Size)		
Concrete Barrier						Right Lane Closed Ahead W20-5(1)(H) (Half Size)		
Edge of Pavement	---	---				Road Closed Ahead W20-3(1)(H) (Half Size)		
BI Shoulders, Medians and C&G Line	---	---				Road Construction Ahead W20-1 (0) (Half Size)		
Aggregate Shoulder	---	---				Single Lane Ahead (Half Size)		
Sidewalks, Driveways	---	---				Transition Left W6-2L (Half Size)		
Guardrail	---	---				Transition Right W6-2R (Half Size)		
Guarded Post	---	---				STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS <small>(Sheet 1 of 9)</small> STANDARD 000001-08		
Traffic Sign								
Compacted Median								
Inport Attenuator								
Train Arrow with District Office (Half Size)								
March Line	---	---						
Slope Limit Line	---	---						
Typical Cross-Section Line	---	---						

State Department of Transportation
 DATE: 11-97
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 PROJECT NO: [Number]
 SHEET NO: [Number]

TRAFFIC SIGNAL ITEMS (cont'd.)

Detector Battery		PR
Aluminum Mast Arm		
Steel Mast Arm		
Veh. Detector Magnetic		
Control Light		
Controller		
Guidance Illumination		
Wood Pole		
Temp. Signal Head		
Handhole		
Double Handhole		
Heavy Duty Handhole		
Junction Box		
Pod Photoluminescent		
Pod Signal Head		
Power Pole Service		
Priority Veh. Detector		
Signal Head		
Signal Head w/Backplate		
Signal Post		
Closed Circuit TV		
Video Detector System		

UNDERGROUND UTILITY ITEMS

Cable TV		PR	ABANDONED
Electric Cable			
Fiber Optic			
Gas Pipe			
Oil Pipe			
Sanitary Sewer			
Telephone Cable			
Water Pipe			

UTILITIES ITEMS

Controller		EX	PR
Double Handhole			
File Hydrant			
Guywire or Deadman Anchor			
Handhole			
Heavy Duty Handhole			
Junction Box			
Light Pole			
Manhole			
Monitoring Well (Gasoline)			
Pyrotec Warning Sign			
Power Pole			
Power Pole with Light			
Sanitary Sewer Cleanout			
Splice Box Above Ground			
Telephone Splice Box Above Ground			
Telephone Pole			

UTILITY ITEMS (cont'd.)

Traffic Signal		EX	PR
Traffic Signal Control Box			
Water Meter			
Water Meter Valve Box			
Profile Line			
Aerial Power Line			

VEGETATION ITEMS

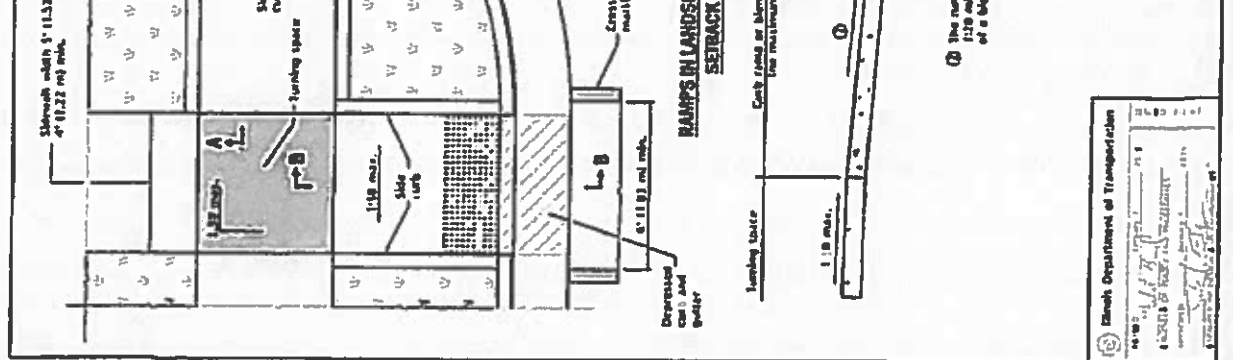
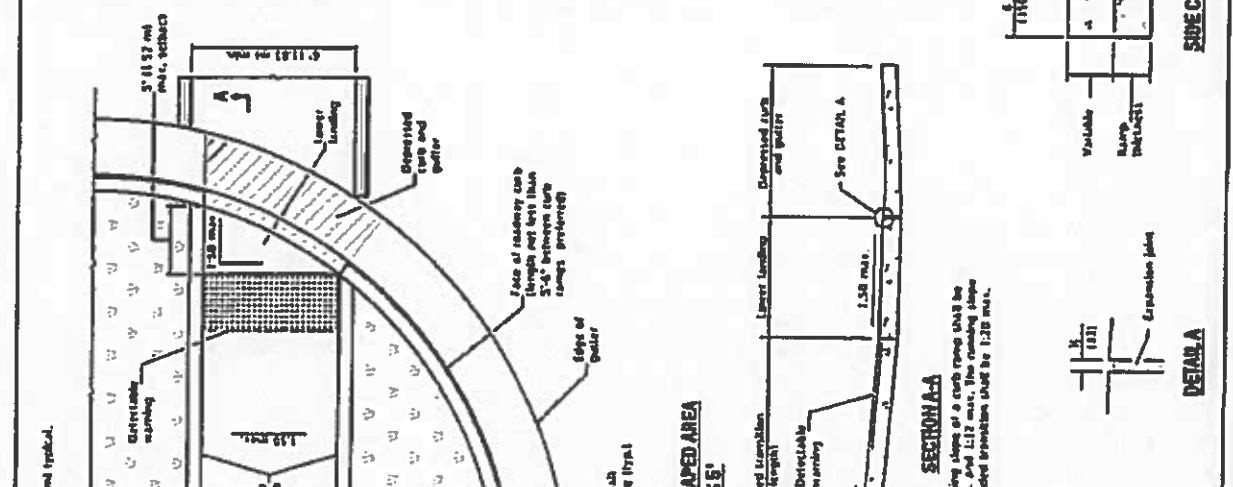
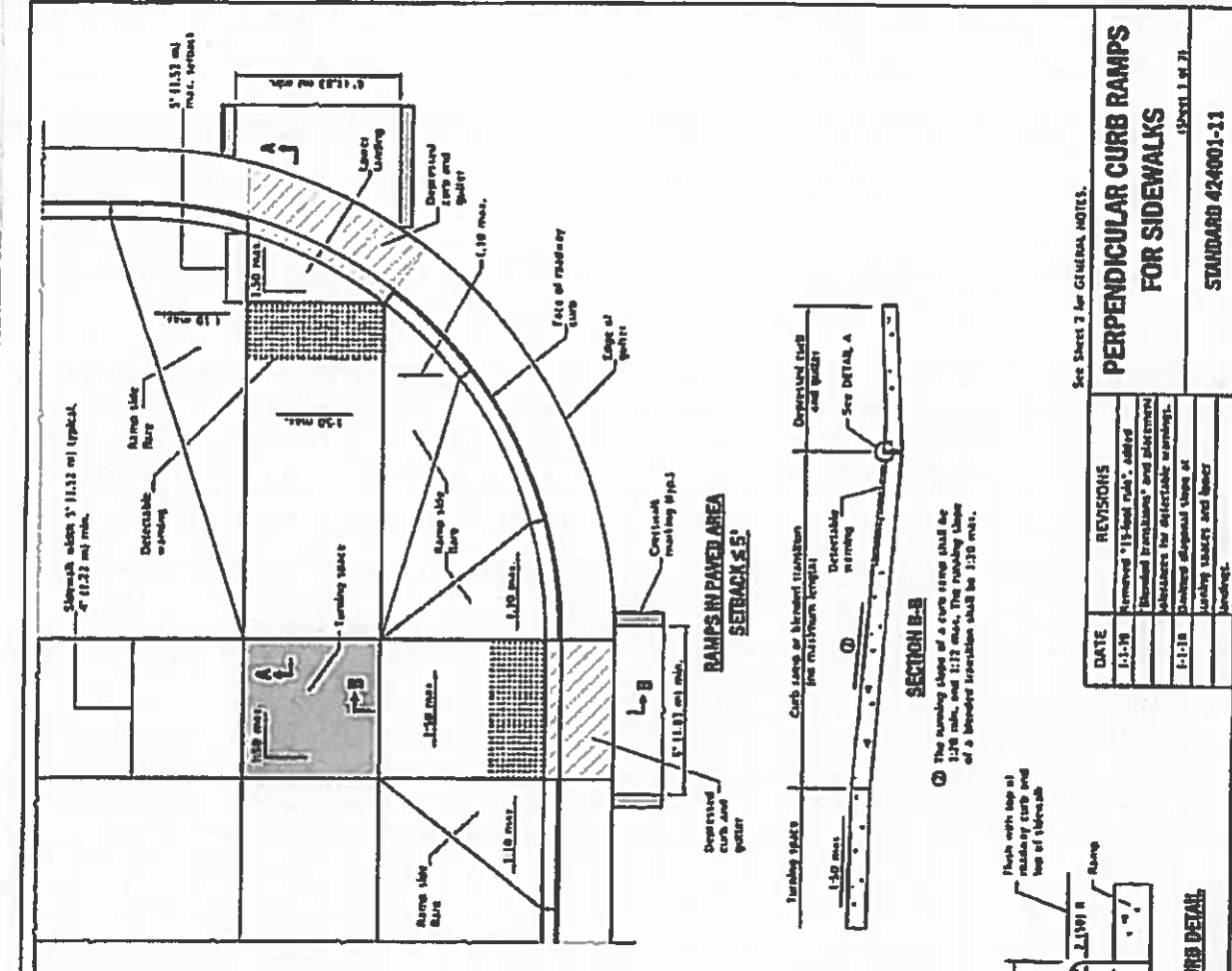
Deciduous Tree		EX	PR
Bark or Shrub			
Evergreen Tree			
Shrub			
Orchard/Hurricane Line			
Vegetation Line			
Woods & Bush Line			

WATER FEATURE ITEMS

Stream or Drainage Ditch		EX	PR
Water's Edge			
Water Surface Ingreaser			
Water Point			
Dispersing Ditch			
Marsh			
Marsh/Swamp Boundary			

Missouri Department of Transportation
 MISSOURI HIGHWAY DEPARTMENT
 DIVISION OF HIGHWAY AND TRANSPORTATION
 PROJECT NO. 100-1000001-08
 SHEET NO. 11 OF 31

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 (Sheet 11 of 31)
 STANDARD 000001-08



PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 (Sheet 1 of 2)
 STANDARD 424001-11

See Sheet 2 for GENERAL NOTES.

DATE	REVISIONS
1-1-19	Removed '15-lane rule', added 'Blended Transitions' and placement instructions for detectable markings.
1-1-18	Change diagonal lines of leading safety and linear bedding.

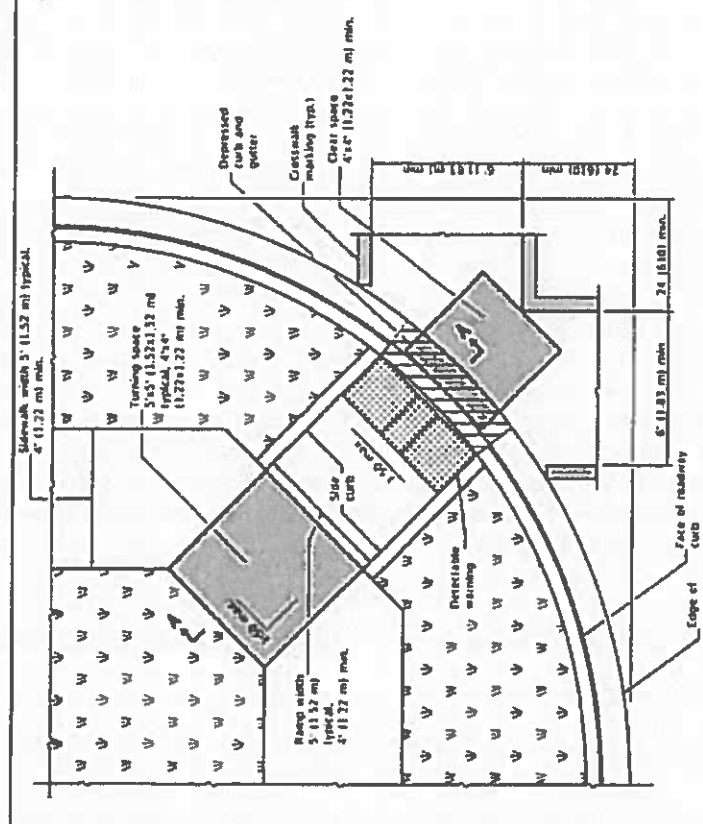
SECTION A-A
 The running slope of a curb zone shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 min.

SECTION B-B
 The running slope of a curb zone shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 min.

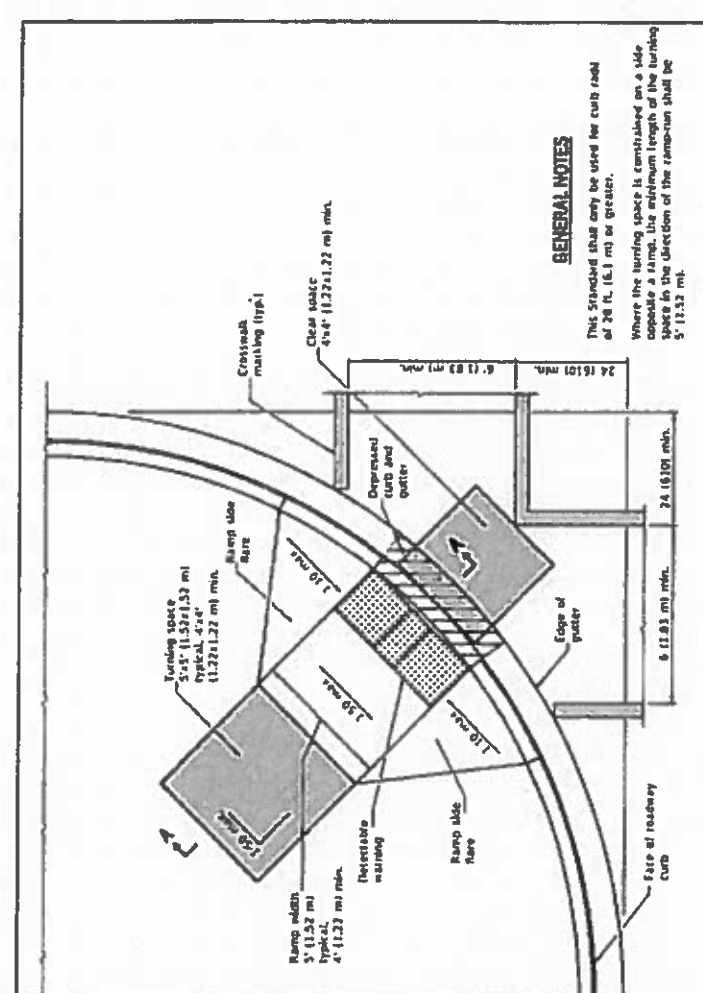
DETAIL A
 Expansion joint

DETAIL B
 Expansion joint

State Department of Transportation
 DIVISION OF HIGHWAYS
 TRANSPORTATION ENGINEERING
 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 SECTION 100 - PAVEMENTS
 PART 100.01 - PERPENDICULAR CURB RAMPS FOR SIDEWALKS



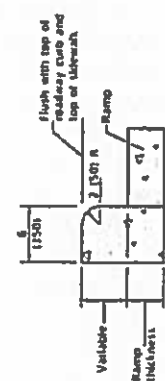
RAMP IN LANDSCAPED AREA



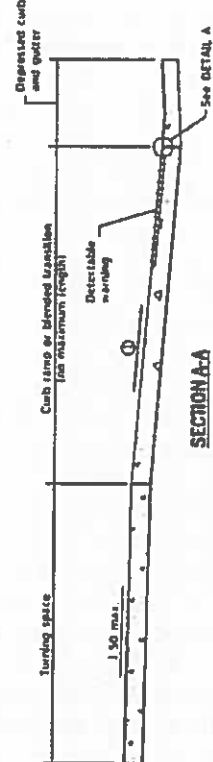
RAMP IN PAVED AREA

GENERAL NOTES

- This Standard shall only be used for curb radii of 24 ft. (7.31 m) or greater.
- Where the turning space is comprised of a side curb, the minimum length of the turning space in the direction of the ramp-run shall be 5'-11.33 ft.
- Where 1:50 maximum slope is shown, 1:64 is preferred.
- Detectable warnings are shown in their ideal sections, but the following placement tolerances are allowed.
- Side Curb: - Detectable warnings should extend the full width of the riding surface (including sloped sides) but a border along each side up to 2 in. (50 mm) in which is allowed.
- Curb Setback: - Detectable warnings located at the base of curb should extend along with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.
- All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- See Standard 600001 for details of depressed curb adjacent to curb ramp.
- All dimensions are in inches (millimeters) unless otherwise shown.

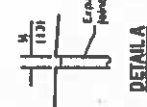


SIDE CURB DETAIL



SECTION A-A

① The running slope of a curb ramp shall be 1.25 min. and 1.17 max. The running slope of a blended transition shall be 1.25 max.



DETAIL A

Illinois Department of Transportation	
PROJECT NO. 1-1-11	REVISED 1-1-11
DESIGNED BY: [Signature]	CHECKED BY: [Signature]
DRAWN BY: [Signature]	DATE: [Signature]
PROJECT TITLE: CURB RAMP	

DATE	REVISIONS
1-1-11	Checked minimum crest width and location.
1-1-11	Revised "15-foot rule" added "blended transition" and clearance tolerances for detectable warnings.

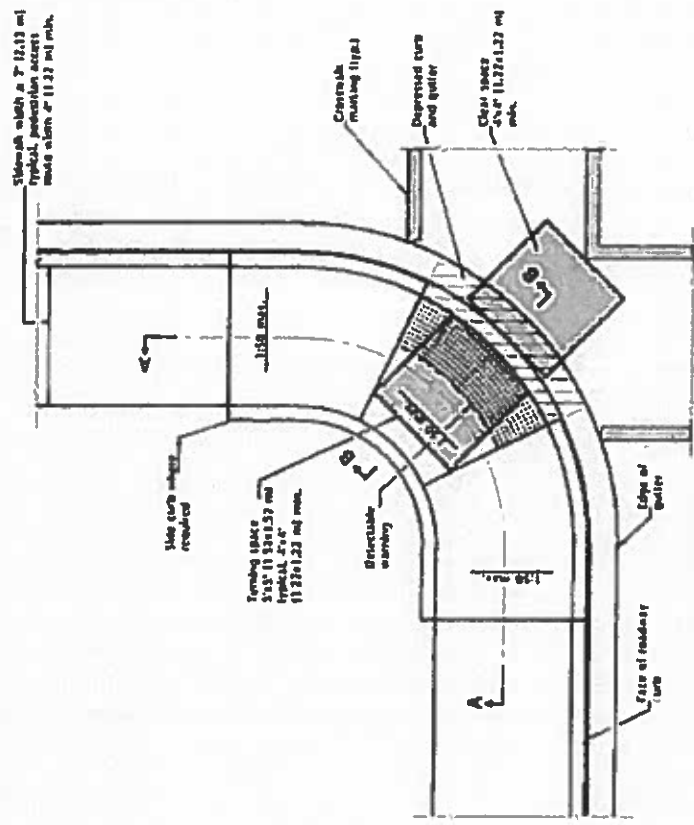
DIAGONAL CURB RAMP FOR SIDEWALKS

STANDARD 424008-05

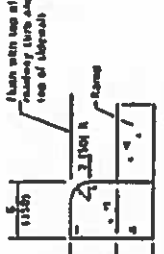
Should width of 7' (2.13 m) typical, penetration across road along 2' (1.22 m) min.



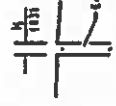
SECTION B-B



CORNER PARALLEL CURB RAMP



SIDE CURB DETAIL



DETAIL A

GENERAL NOTES

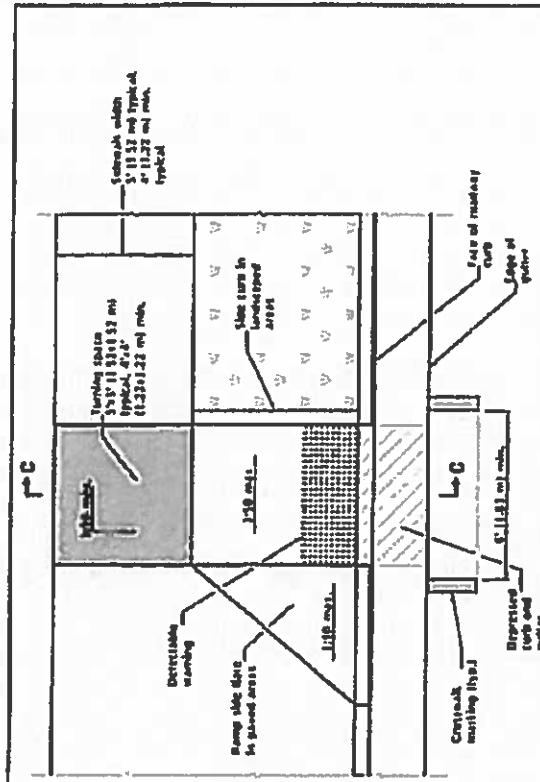
- All slope values are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- Where the warning (slope) is considered as a side expansion ramp, the maximum length of the warning space in the direction of the expansion shall be 5' (1.52 m).
- Where 1:20 maximum slope is shown, 1:41 is preferred.
- Detachable warnings are shown in their local locations in the following statement (wherever applicable):
- Side Ramps - Detachable warnings should extend the full width of the warning surface (including flared skirts) but a barrier along each side up to 2 ft, 150 mm, is allowed.
- Curb Stop(s) - Detachable warnings located at the ends of curbs should clearly align with the curb stop. A gap up to 6 ft, 180 mm, behind the curb is allowed.
- See Standard 424013 for details of depressed curb adjacent to curb ramp.
- All elevations are in feet (meters) unless otherwise shown.

Illinois Department of Transportation
 11/18/18
 11/18/18
 11/18/18
 11/18/18

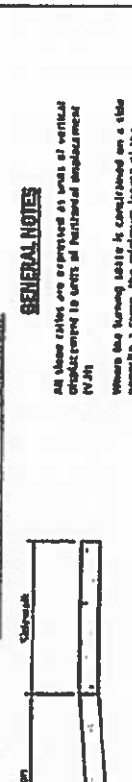
DATE	REVISIONS
11-18-18	Revised per meeting, added
	detachable transition and detachable
	warning (barrier).
11-17-18	Revised sidewalk width to
	include 24" (610 mm) barrier
	section curb.

CORNER PARALLEL CURB RAMP FOR SIDEWALKS

STANDARD 424013-04



PARALLEL MID-BLOCK CURB RAMP



PERPENDICULAR MID-BLOCK CURB RAMP



SECTION A-A

SECTION B-B

SECTION C-C

① The running slope of a curb ramp shall be 1:12 max, and 1:12 max for the running slope of a bladed transition shall be 1:20 max.

GENERAL NOTES
 All these rates are expressed in units of vertical construction to units of horizontal displacement (V/H).
 Where the running slope is conditioned on a side slope, the maximum length of the running slope in the direction of the ramp-out shall be 5' (1524 mm).
 Where a 50 maximum slope is shown, 1:50 is preferred.
 Detectable warnings are shown in their ideal locations but the following alternative tolerances are allowed:
 1. The length - Detectable warnings should extend the full width of the walking surface (including flared sides) but a barrier along each side up to 2 in. (50 mm) is, which is allowed.
 2. Curbs - Detectable warnings located at the curb shall be clearly aligned with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.
 See Standard Details for details of approved curb ramps to curb ramps.
 All dimensions are in inches unless otherwise noted.

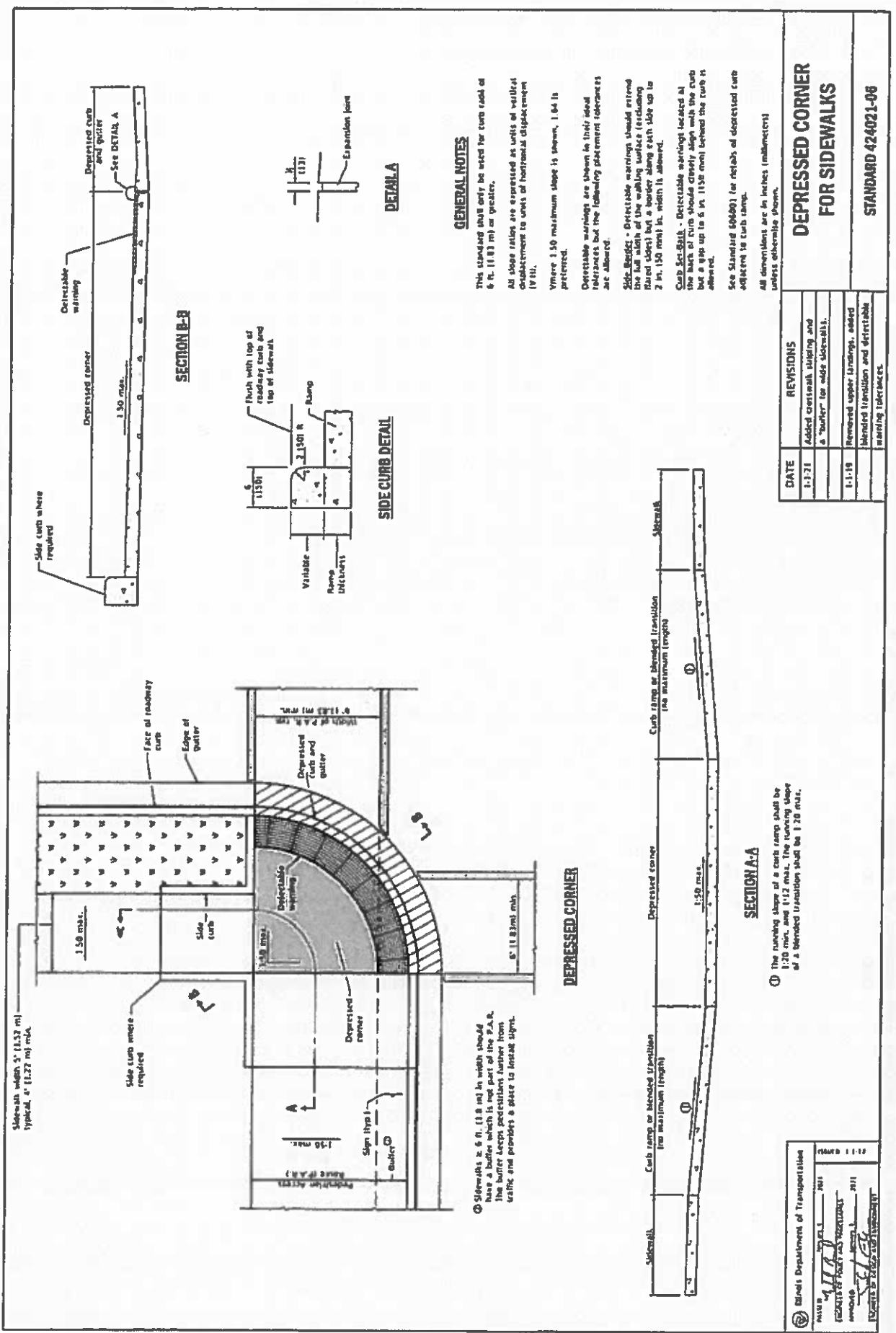
State Department of Transportation
 DIVISION OF HIGHWAYS
 SECRETARY OF TRANSPORTATION
 PROJECT NO. 111111
 SHEET NO. 111111

DATE	REVISIONS
11-18	Revised upper landing, added detectable warnings and detectable warning length.
11-18	Revised diagram sheet 41
	Upper landing and upper landing.



STANDARD 424016-05

MID-BLOCK CURB RAMPS FOR SIDEWALKS



GENERAL NOTES

This standard shall only be used for curb radii of 6 ft. (1.83 m) or greater.
 All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
 Where 1:50 maximum slope is shown, 1:64 is preferred.
 Detectable warnings are shown in their ideal tolerances but the following placement tolerances are allowed:
 Side Barriers - Detectable warnings should extend the full width of the walking surface (including flared sides) but a barrier flange may extend up to 2 in. (50 mm) in width if allowed.
 Curb Scribble - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 5 in. (125 mm) behind the curb is allowed.
 See Standard 60600 for details of depressed curb adjacent to curb ramps.
 All dimensions are in inches (millimeters) unless otherwise shown.

DEPRESSED CORNER FOR SIDEWALKS

STANDARD 424021-06

DATE	REVISIONS
1-3-21	Added crosswalk guiding and a "batter" for side sidewalks.
1-1-19	Revised upper linings, added blended transition and detectable warning tolerances.

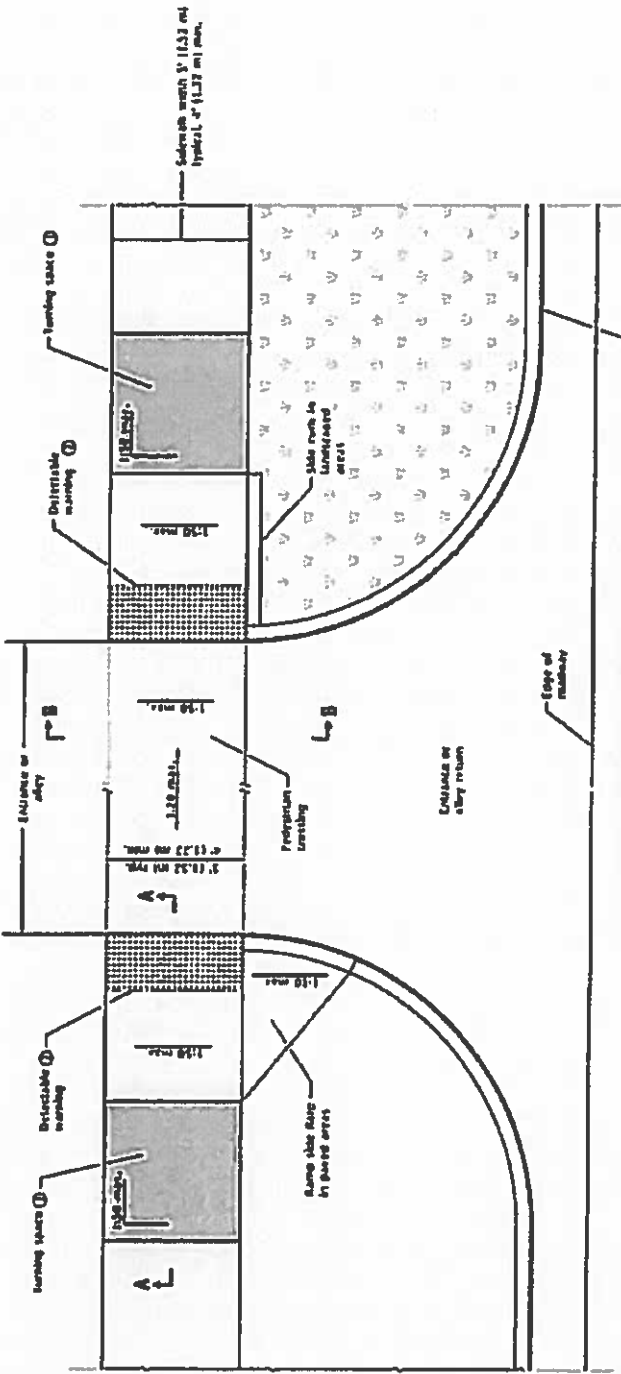
DEPRESSED CORNER

① Sidewalk 2.6 ft. (0.8 m) in width should be used where it is not part of the P.A.R. The barrier height shall be determined from traffic and provide a clear to inside signal.

SECTION A-A

① The running slope of a curb ramp shall be 1:20 max. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

Illinois Department of Transportation
 DIVISION OF TRANSPORTATION
 PROJECT NO. 11-11-11
 SHEET NO. 111
 DATE: 11/11/11
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 IN CHARGE: [Signature]



ENTRANCE / ALLEY PEDESTRIAN CROSSING

GENERAL NOTES

All slope ratios are expressed as units of vertical measurement to units of horizontal displacement (V:H).

Unless otherwise shown, 1:50 maximum slope is shown. 1:54 is preferred.

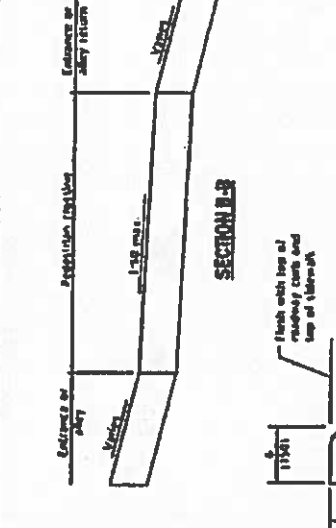
Detectable warnings are shown in their ideal location but the following placement tolerances are allowed:

Side Ramps: - Detectable warnings should extend the full width of the existing surface (including future side) but a buffer along each side up to 3 ft (90 mm) in width is allowed.

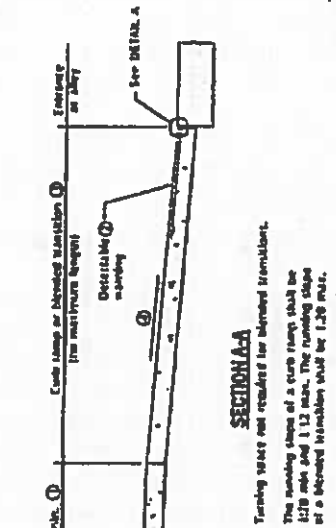
Curbs: - Detectable markings located at the back of curb should clearly show with the curb but a gap up to 6 ft (180 mm) behind the curb is allowed.

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

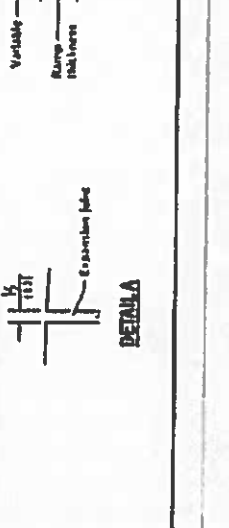
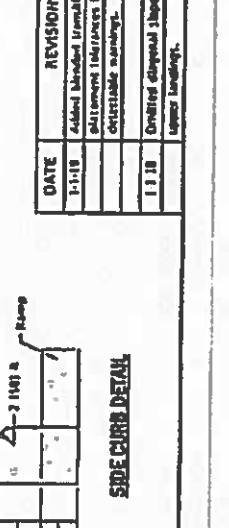
ENTRANCE / ALLEY PEDESTRIAN CROSSING



ENTRANCE / ALLEY PEDESTRIAN CROSSING

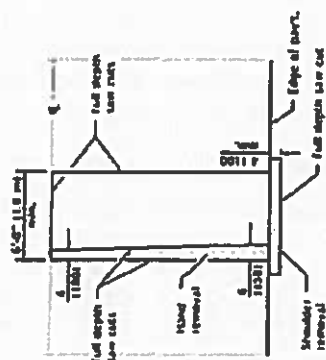


ENTRANCE / ALLEY PEDESTRIAN CROSSINGS	
DATE	REVISIONS
1-1-18	Added blended transitions and placement tolerances for detectable warnings.
1-1-18	Corrected diagonal slope #1 upper landing.

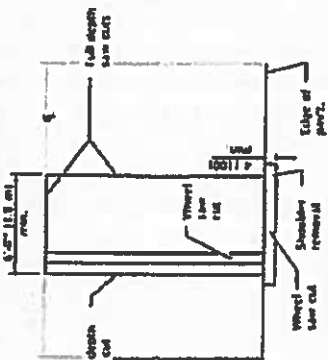


ENTRANCE / ALLEY PEDESTRIAN CROSSINGS	
DATE	REVISIONS
1-1-18	Added blended transitions and placement tolerances for detectable warnings.
1-1-18	Corrected diagonal slope #1 upper landing.

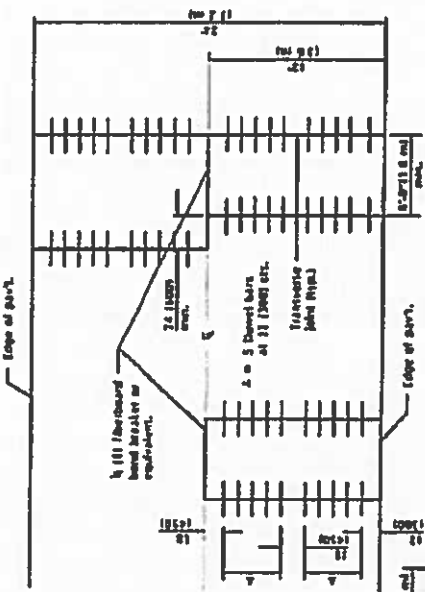
State Department of Transportation
 11/18
 11/18
 11/18



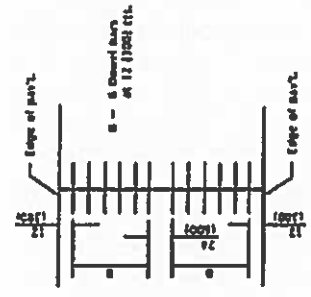
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



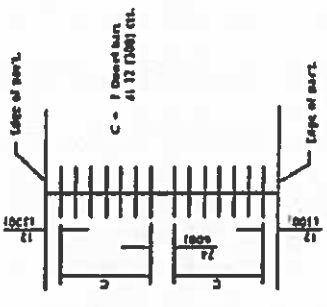
ALTERNATE SAWING DETAIL
(PCC SHOULDER)



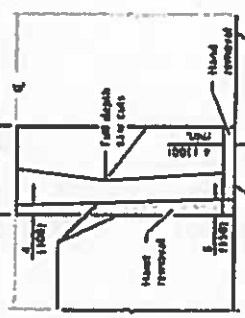
12' (3.8 m) WIDE LANES



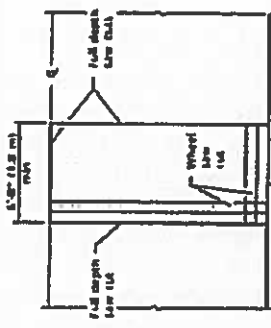
14' (4.2 m) WIDE RAMP



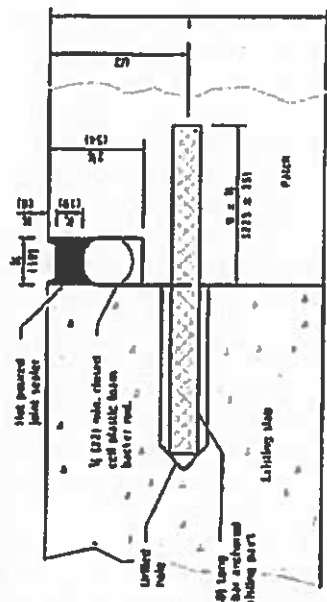
16' (4.8 m) WIDE RAMP



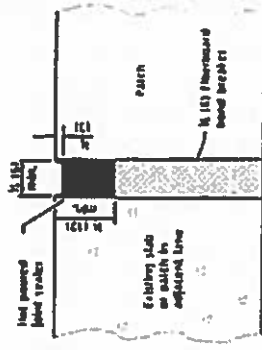
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



ALTERNATE SAWING DETAIL
(PCC SHOULDER)



TRANSVERSE JOINT



CENTERLINE JOINT

DOWEL BAR TABLE	
PAVEMENT THICKNESS	DOWEL BAR DIA. (IN)
10 (230) or greater	1 1/2 (40)
8 (200) thru 9.75 (250)	1 1/4 (32)
Less than 8 (200)	1 (25)
	1 1/2 (38)

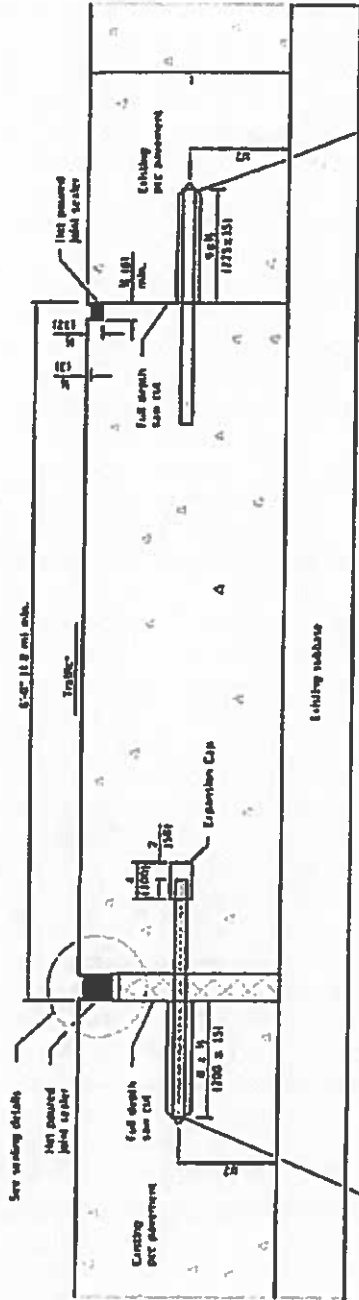
GENERAL NOTES
The transverse joints for CLASS B patches shall align with joints or cracks in the adjacent lane whenever possible.
See Standard 429103 for details of welded wire reinforcement.
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-10	Revised drawings to Standard 429103 in General Notes.
1-1-10	Revised DOWEL BAR TABLE.

CLASS B PATCHES
(Sheet 1 of 2)
STANDARD 442101-09

Illinois Department of Transportation
Project: I-55/US-40
Contract: 15-01-01-01
Drawing: 442101-09
Date: 1-1-10
Scale: As Shown

TRANSVERSE EXPANSION JOINTS



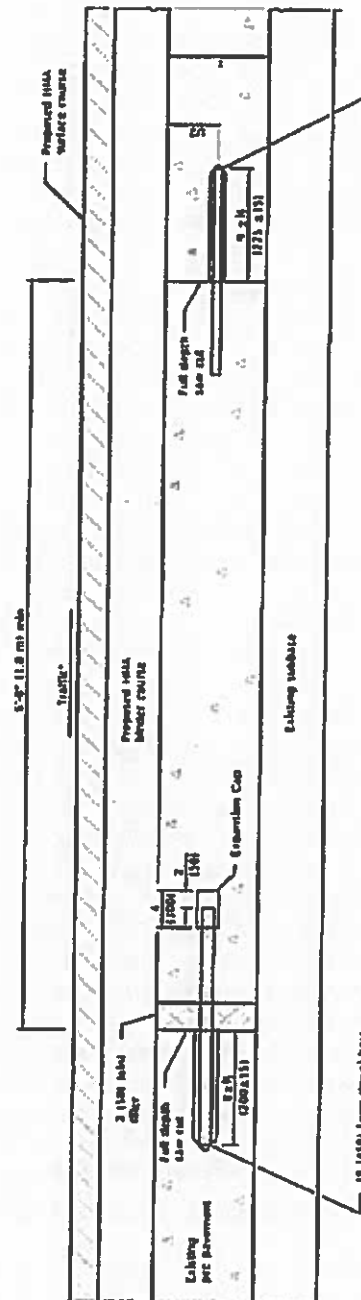
See welding details
Hot poured joint sealer
Full depth saw cut
Curing PCC placement
Expansion Cap
Existing subbase
TABLE
6'-0\"/>

10 (1045) Long steel bars anchored into existing pavement at 12 (1200) c/c.

10 (1045) Long steel bars anchored into existing pavement at 12 (1200) c/c.

10 (1045) Long steel bars anchored into existing pavement at 12 (1200) c/c.

METHOD I
(Pavement Reinforcement)



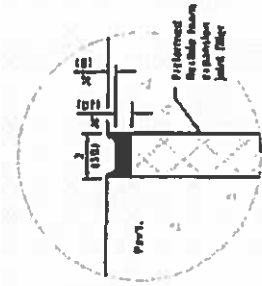
Prepared HMA surface course
Full depth saw cut
Curing PCC placement
Expansion Cap
Existing subbase
TABLE
6'-0\"/>

10 (1045) Long steel bars anchored into existing pavement at 12 (1200) c/c.

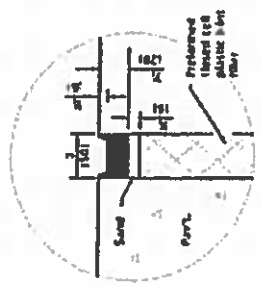
10 (1045) Long steel bars anchored into existing pavement at 12 (1200) c/c.

10 (1045) Long steel bars anchored into existing pavement at 12 (1200) c/c.

METHOD II
(New Reinforcement)



SEALING DETAIL



SEALING DETAIL

NOTE

When re-establishing a transverse expansion joint on a two-lane, two-way road, remove the elevation of the abutment bars with respect to traffic for abutment bars. The bars must rest on the subgrade such that the joint will be continuous across both lanes.

Missouri Department of Transportation

Project No. 442101-09

Sheet No. 2 of 21

DATE: 10/10/10

DESIGNED BY: [Signature]

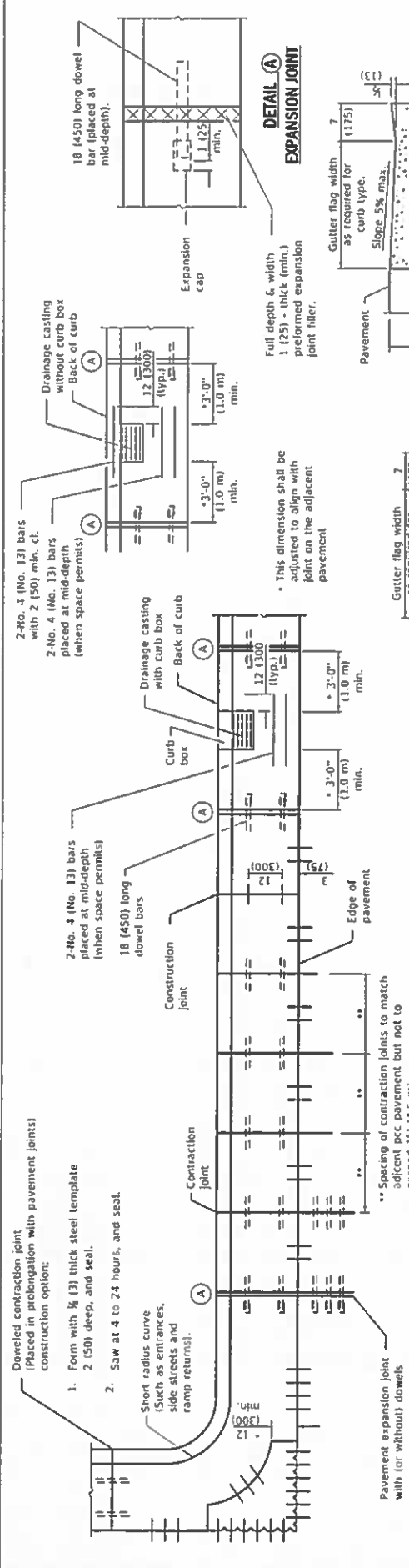
CHECKED BY: [Signature]

APPROVED BY: [Signature]

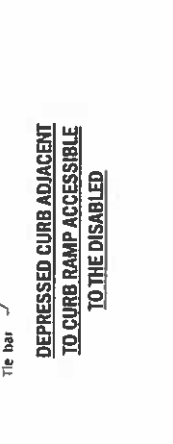
CLASS B PATCHES

(Sheet 2 of 21)

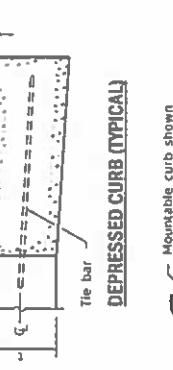
STANDARD 442101-09



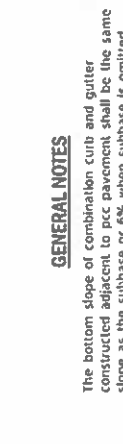
PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE



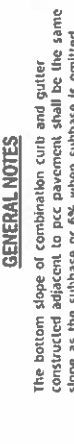
DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



DEPRESSED CURB (TYPICAL)



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING

TABLE OF DIMENSIONS BARRIER CURB

TYPE	A	B	C	D	R ₁	R ₂
B-6.06*	6	1	6	6	1	2
B-6.12	12	1	6	6	1	2
B-15.30	13	1	6	6	1	2
B-15.45	14	1	6	6	1	2
B-6.24	24	1	6	6	1	2
B-9.12	12	2	5	9	1	2
B-22.30	13	1	6	6	1	2
B-22.45	14	1	6	6	1	2
B-9.24	24	1	6	6	1	2
B-22.60	16	1	6	6	1	2

TABLE OF DIMENSIONS MOUNTABLE CURB

TYPE	A	B	C	D	R ₁	R ₂
M-2.06	6	2	4	2	3	2
M-5.15	11	2	4	2	3	2
M-2.12	12	2	4	2	3	2
M-5.30	13	2	4	2	3	2
M-4.06	6	4	3	4	3	NA
M-10.15	11	4	3	4	3	NA
M-4.12	12	4	3	4	3	NA
M-10.30	13	4	3	4	3	NA
M-4.18	18	4	3	4	3	NA
M-10.45	14	4	3	4	3	NA
M-4.24	24	4	3	4	3	NA
M-10.60	16	4	3	4	3	NA
M-5.15	11	5	3	4	3	NA
M-15.15	11	5	3	4	3	NA
M-6.18	18	6	2	6	2	NA
M-15.45	14	6	2	6	2	NA
M-6.24	24	6	2	6	2	NA
M-15.60	16	6	2	6	2	NA

* For corner islands only.

Illinois Department of Transportation
 ISSUED 1-1-91
 PROJECT: *Michael Bond*
 DRAWN BY: *Michael Bond*
 APPROVED: *Michael Bond*
 CHECKED: *Michael Bond*
 DESIGNED BY: *Michael Bond*
 ENGINEER: *Michael Bond*

GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

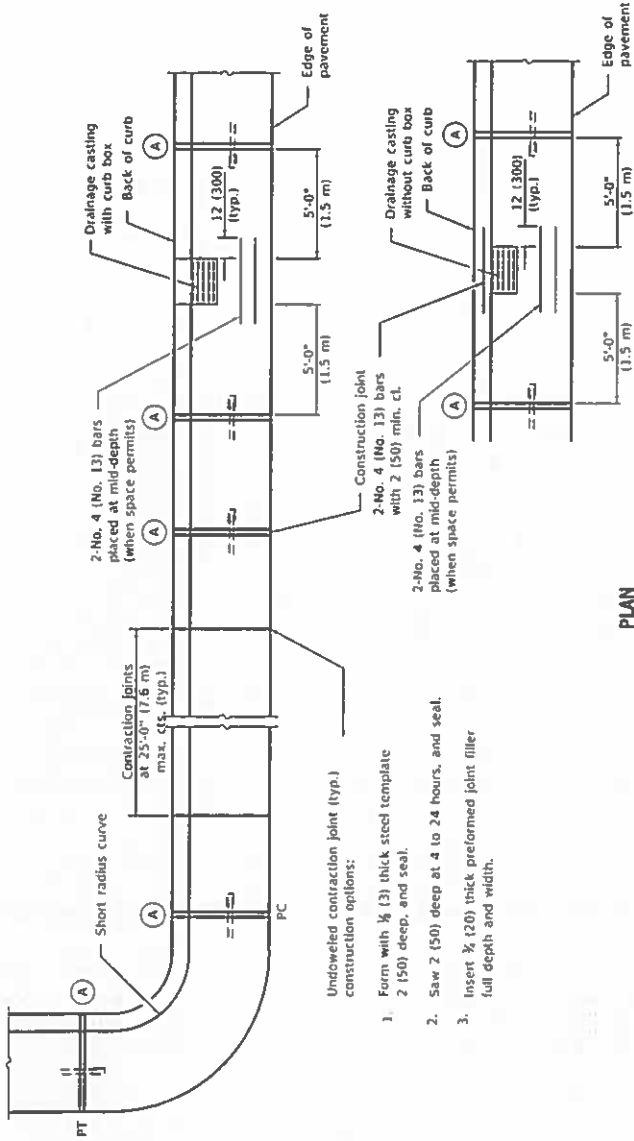
All dimensions are in inches (millimeters) unless otherwise shown.

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
 (Sheet 1 of 2)

REVISIONS

DATE	REVISIONS
1-1-22	Revised contraction joint spacing adjacent to pcc pavement.
1-1-18	Revised General Note for tie bar spacing to 36 (900) cts.

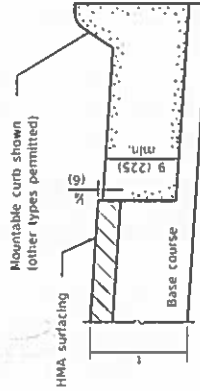
STANDARD 606001-08



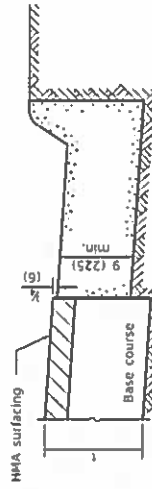
Undoweled contraction joint (typ.) construction options:

1. Form with $\frac{1}{2}$ (3) thick steel template 2 (50) deep, and seal.
2. Saw 2 (50) deep at 4 to 24 hours, and seal.
3. Insert $\frac{1}{2}$ (20) thick preformed joint filler full depth and width.

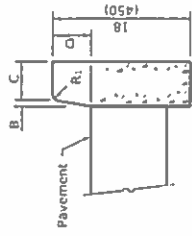
PLAN



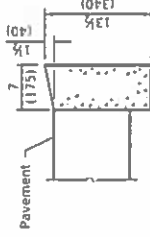
ON DISTURBED SUBGRADE



ON UNDISTURBED SUBGRADE



BARRIER CURB



DEPRESSED CURB

ADJACENT TO FLEXIBLE PAVEMENT



BARRIER CURB



DEPRESSED CURB

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

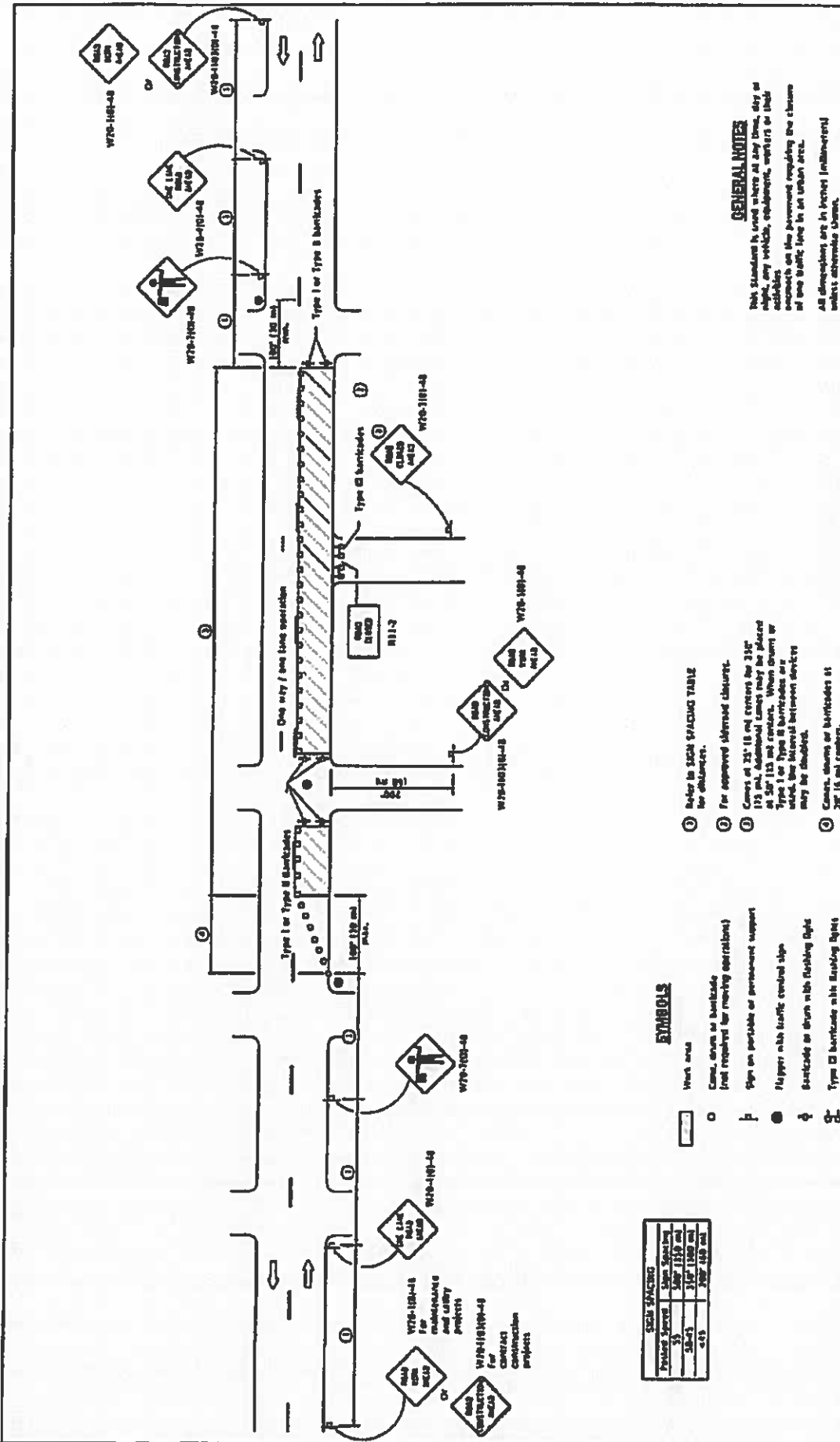
ADJACENT TO FLEXIBLE PAVEMENT

ON UNDISTURBED SUBGRADE

ON DISTURBED SUBGRADE

**CONCRETE CURB TYPE B
AND COMBINATION
CONCRETE CURB AND GUTTER**
(Sheet 2 of 2)
STANDARD 606001-08

Illinois Department of Transportation
 PASSED: _____ SHEET 1 OF 2
 DESIGNED: _____ 1-1-97
 CHECKED: _____
 APPROVED: _____
 ENGINEER OF DESIGN AND ENVIRONMENT



GENERAL NOTES
 This standard is used where all day, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.
 All dimensions are in feet (millimeters) unless otherwise noted.

- 1 Refer to SIGN SPACING TABLE for dimensions.
- 2 For approved alternate closures.
- 3 Cases of 25' 10" or greater for 25' 10" alternate cases may be placed at 50' 10" intervals from start or end of work area. Signs shall be placed at intervals between devices may be double.
- 4 Cases, signs or barricades of 20' 10" or greater.

SYMBOLS

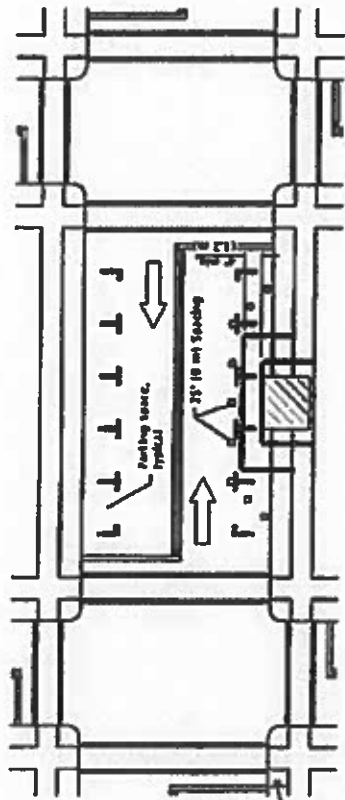
- Work area
- Case, sign or barricade (not required for moving operations)
- Sign on portable or permanent support
- Signer with traffic control sign
- Barricade or sign with flashing light
- Type II barricade with flashing light

SIGN SPACING	
Project Speed	Sign Spacing
35	150' 150 min
50-75	210' 150 min
>75	250' 150 min

Missouri Department of Transportation
 Project No. 011
 District of
 Date
 Designer
 Checker
 Engineer

DATE	REVISIONS
1-1-71	Revised Support sign.
1-1-79	Switched words to English format.
	Corrected sign No. 2.

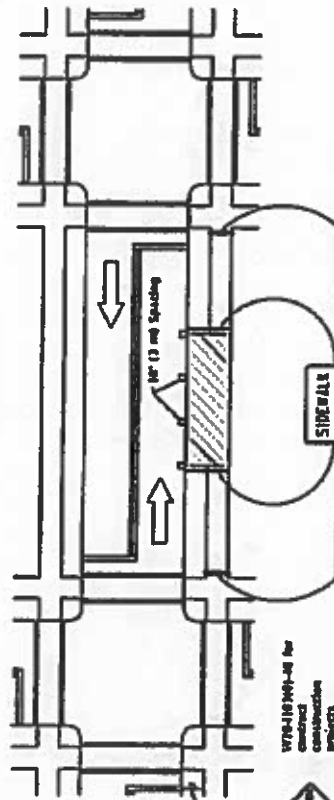
**URBAN LANE CLOSURE,
 2L, 2W, UNDIVIDED**
 STANDARD 701601-08



W78-101-02 for construction projects

W78-101-02 for maintenance and utility projects

SIDEWALK DIMENSION



W78-101-02 for construction projects

W78-101-02 for maintenance and utility projects

SIDEWALK CLOSURE

GENERAL NOTES

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

This Standard must be used in conjunction with other Traffic Control & Protection Standards which regulate traffic & access.

Temporary facilities shall be detectable and accessible.

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

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

Type II barriers and B11-101-02 signs shall be provided in areas to be closed TO ALL TRAFFIC under Standard 701001.

All dimensions are in inches unless otherwise specified.

DATE	REVISIONS
6-1-10	Standard except safety signs from standard as they are covered in the vol. spec.
1-1-12	Added SIDEWALK DIMENSION.
	Checked appearance of joint with: Revisions 504.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

Sheet 1 of 21

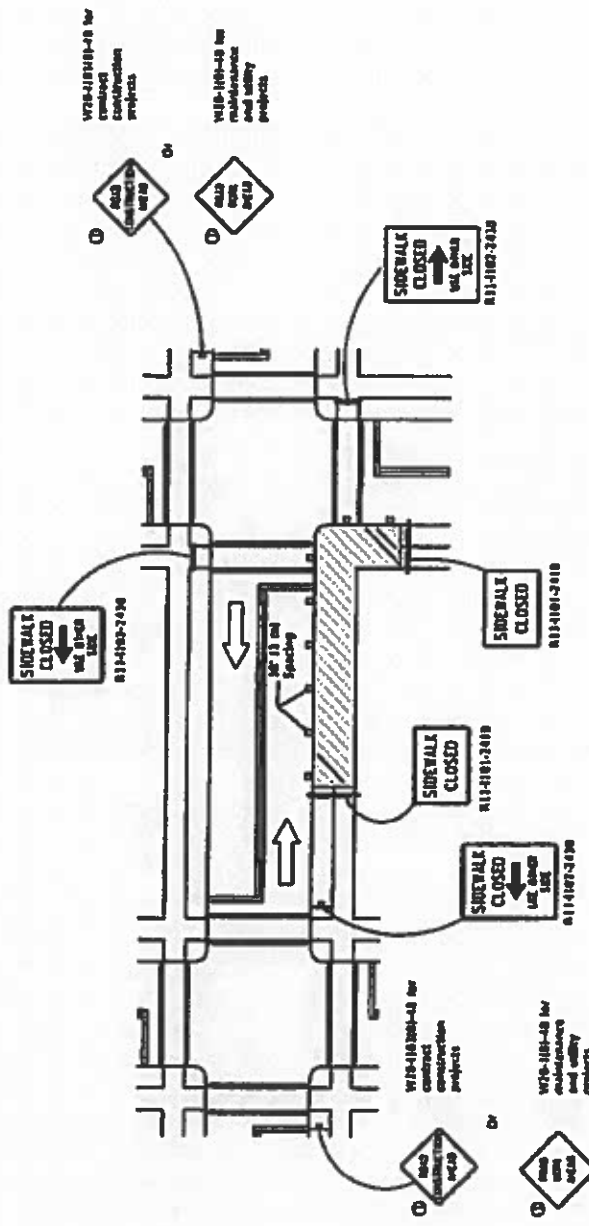
STANDARD 701001-06

Illinois Department of Transportation

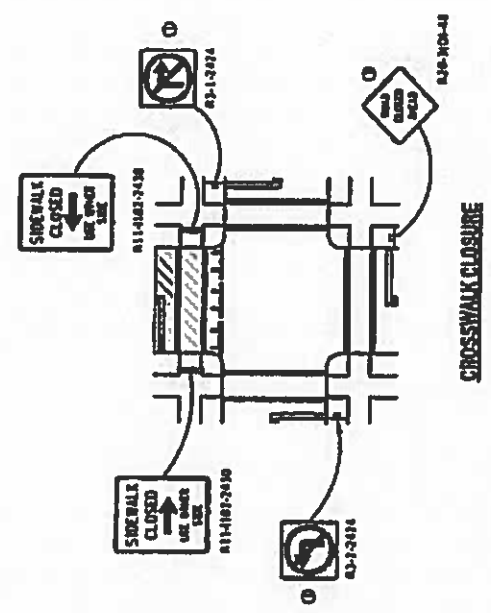
 DIVISION OF TRANSPORTATION

 TRANSPORTATION ENGINEERING

 DATE: 6-1-10



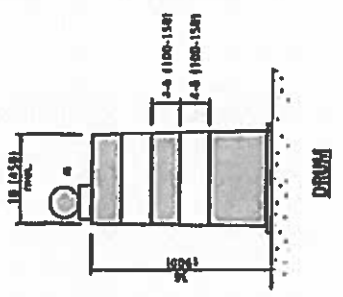
CORNER CLOSURE



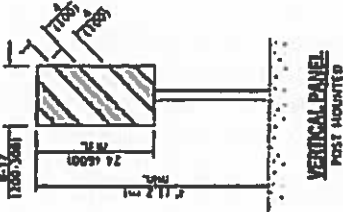
CROSSWALK CLOSURE

SIDEWALK, CORNER OR CROSSWALK CLOSURE
 Sheet 2 of 2
 STANDARD 702001-06

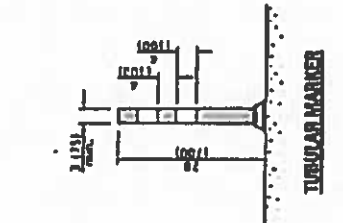
Illinois Department of Transportation
 DATE: 11/11/11
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 PROJECT: [Signature]



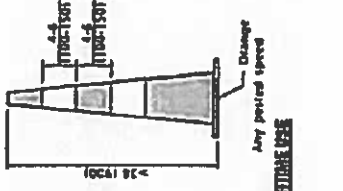
DRUM



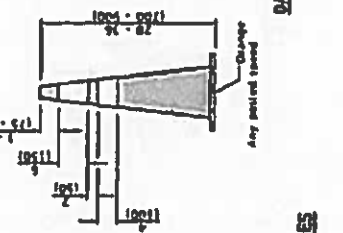
VERTICAL PANEL POST MOUNTED



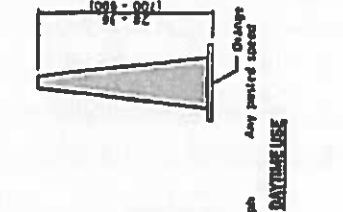
TUBULAR MARKER



DAY OR NIGHTTIME USE



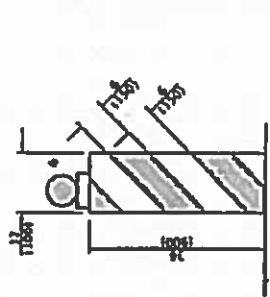
CONES



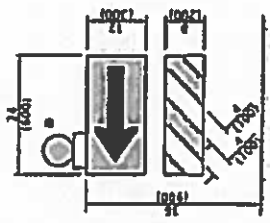
DAYTIME USE



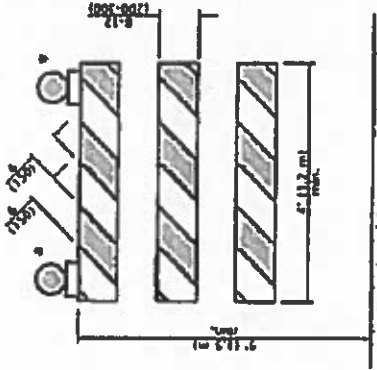
CONES



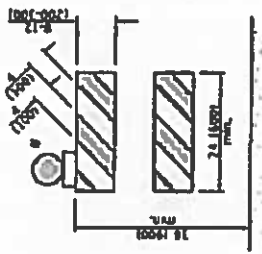
VERTICAL BARRICADE



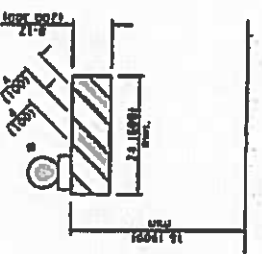
DIRECTION INDICATOR BARRICADE



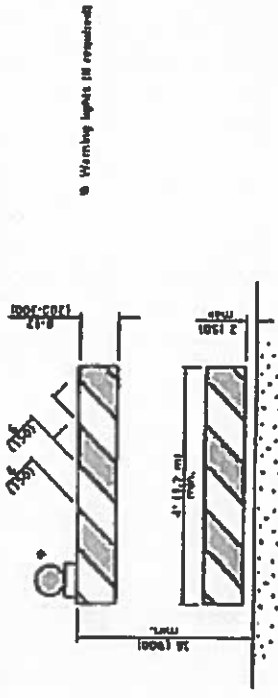
TYPE III BARRICADE



TYPE II BARRICADE



TYPE I BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZED BARRICADE

Warning lights are required

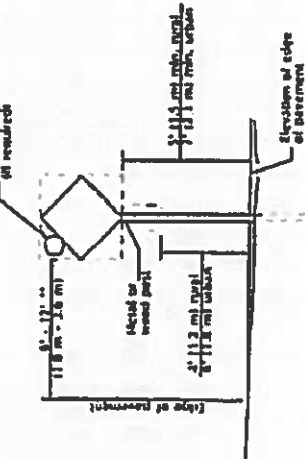
GENERAL NOTES

All heights shown shall be measured above the pavement surface.
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-10	Revised cone shape and added chart > 24" (600) in height.
1-1-10	Revised ERO WIDTH 24" (600) in height.
	SPEED LIMIT sign from orange to white background.

TRAFFIC CONTROL DEVICES
Sheet 1 of 2
STANDARD 701901-08

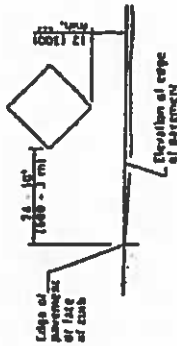
Illinois Department of Transportation
 Approved: _____ Date: _____
 Prepared by: _____
 Checked by: _____
 Drawn by: _____



5' 11.5 m (18 ft) embedment

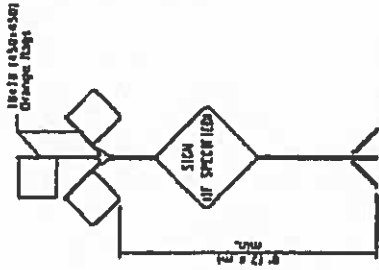
POST MOUNTED SIGNS

** When curb or paved shoulder are present sign dimensions shall be 24 (680) in the face of curb or 5' 11.8 m (18 ft) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

*** When soil operations exceed four days, this dimension shall be 5' 11.5 m (18 ft), if located behind other devices, the height dimension shall be taken completely above the devices.



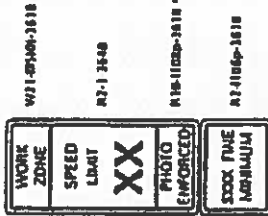
HIGH LEVEL WARNING DEVICE

ROAD CONSTRUCTION NEXT 2 MILES
G20-1101-0216

END CONSTRUCTION
G20-1101-0072

This signing is required for all projects 2 miles (3200 m) or more in length.
ROAD CONSTRUCTION NEXT 2 MILES sign shall be placed 300 (100 m) in advance of project limit.
END CONSTRUCTION sign shall be erected at the project limit and shall be visible for 1/2 mile within 2 miles (3200 m).
Dual sign assemblies shall be utilized on multi-lane highways.

WORK LIGHT SIGNING



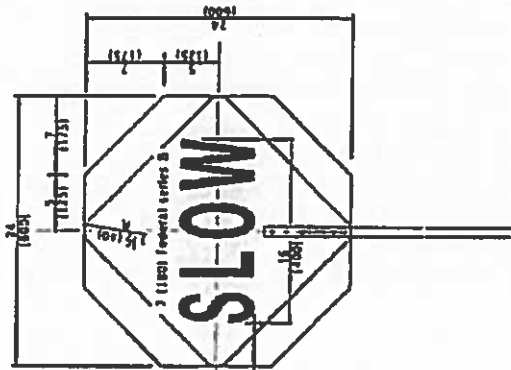
Sign assembly as shown on Standards or as shown by District Consultant.

END WORK ZONE SPEED LIMIT
G20-1101-0076

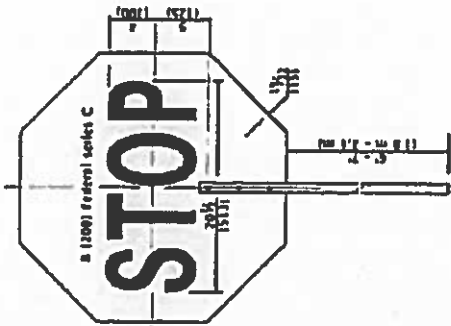
This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

*** R10-1000 shall only be used above roadways under the jurisdiction of the State.



REVERSE SIDE



FRONT SIDE



W12-1103-1030

WIDTH RESTRICTION SIGN

24'-100" when used in miles are optional.

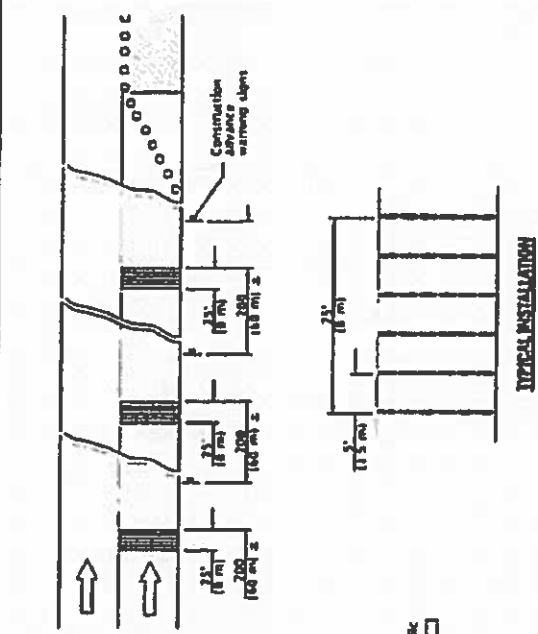
State Department of Transportation
 PROJECT: _____ DATE: _____
 DRAWING NO: W12-1103-1030
 SHEET NO: _____ OF _____
 APPROVED: _____
 DESIGNED: _____

FLAGGED TRAFFIC CONTROL SIGN

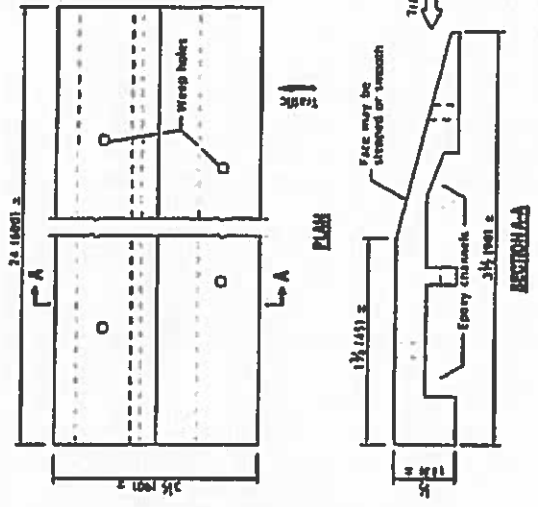
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

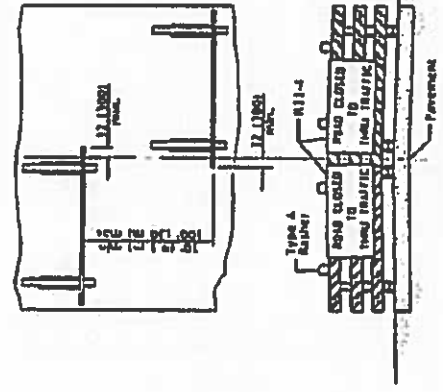
STANDARD 701901-08



TYPICAL INSTALLATION

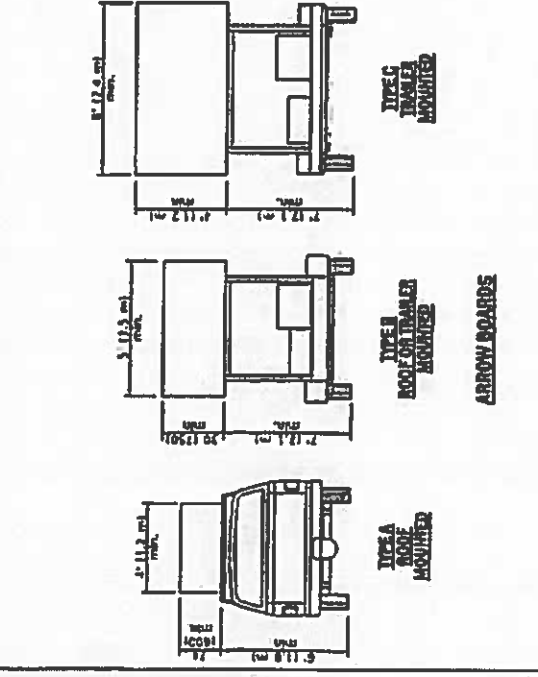


TEMPORARY RUMBLE STRIPS

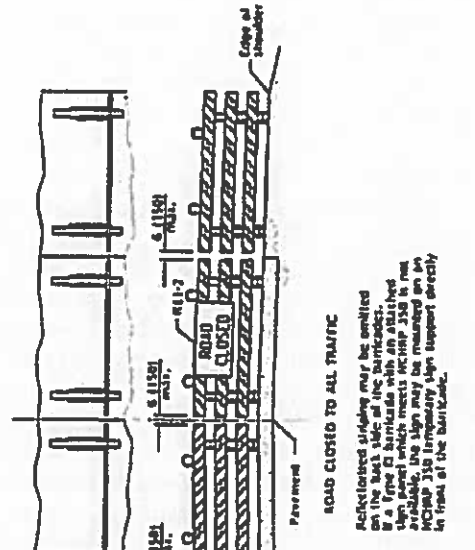


ROAD CLOSED TO THRU TRAFFIC

Reflected sliding shall appear on both sides of the barricade. In a Type II barricade with an attached sign panel which meets NCHRP 358 H sign panel requirements, the sign panel on NCHRP 358 temporary sign supports shall be mounted directly in front of the barricade.



ARROW BOARDS



ROAD CLOSED TO ALL TRAFFIC

Reflected sliding may be omitted on the back side of the barricade. In a Type II barricade with an attached sign panel which meets NCHRP 358 H sign panel requirements, the sign panel on NCHRP 358 temporary sign supports shall be mounted directly in front of the barricade.

TYPICAL APPLICATIONS OF TYPE II BARRICADES CLOSING A ROAD

Missouri Department of Transportation
 Missouri State Highway Patrol
 Missouri State Police
 Missouri State Sheriff's Office
 Missouri State Jail System
 Missouri State Prison System
 Missouri State Corrections Institute
 Missouri State Technical College
 Missouri State Community College
 Missouri State University
 Missouri State Technical School
 Missouri State Community School
 Missouri State Vocational School
 Missouri State Trade School
 Missouri State Business School
 Missouri State Law School
 Missouri State Medical School
 Missouri State Dental School
 Missouri State Veterinary School
 Missouri State Agricultural School
 Missouri State Forestry School
 Missouri State Engineering School
 Missouri State Architecture School
 Missouri State Nursing School
 Missouri State Pharmacy School
 Missouri State Teacher Education School
 Missouri State Music School
 Missouri State Art School
 Missouri State Design School
 Missouri State Journalism School
 Missouri State Public Administration School
 Missouri State Social Work School
 Missouri State Counseling School
 Missouri State Health Services School
 Missouri State Environmental Science School
 Missouri State Energy School
 Missouri State Transportation School
 Missouri State Information Technology School
 Missouri State Computer Science School
 Missouri State Mathematics School
 Missouri State Science School
 Missouri State History School
 Missouri State Literature School
 Missouri State Language School
 Missouri State Foreign Language School
 Missouri State Music School
 Missouri State Art School
 Missouri State Design School
 Missouri State Journalism School
 Missouri State Public Administration School
 Missouri State Social Work School
 Missouri State Counseling School
 Missouri State Health Services School
 Missouri State Environmental Science School
 Missouri State Energy School
 Missouri State Transportation School
 Missouri State Information Technology School
 Missouri State Computer Science School
 Missouri State Mathematics School
 Missouri State Science School
 Missouri State History School
 Missouri State Literature School
 Missouri State Language School
 Missouri State Foreign Language School

CONCRETE JOINT REINFORCEMENT

REINFORCEMENT SHALL BE PLACED IN THE JOINT AS SHOWN IN THE DRAWING. THE REINFORCEMENT SHALL BE PLACED IN THE JOINT AS SHOWN IN THE DRAWING. THE REINFORCEMENT SHALL BE PLACED IN THE JOINT AS SHOWN IN THE DRAWING.

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LISTING

1. SEE DRAWING FOR REINFORCEMENT
2. SEE DRAWING FOR REINFORCEMENT
3. SEE DRAWING FOR REINFORCEMENT
4. SEE DRAWING FOR REINFORCEMENT
5. SEE DRAWING FOR REINFORCEMENT

DETAILS OF MILLING

THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING. THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING. THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING.

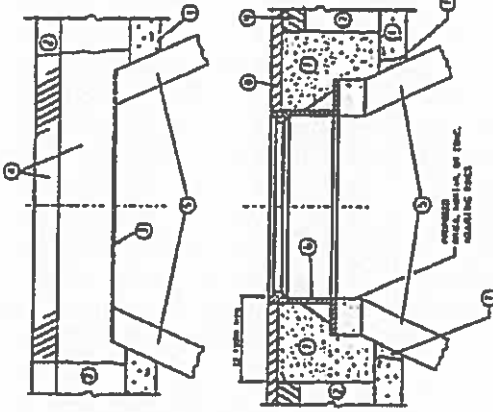
DETAILS OF MILLING

THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING. THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING. THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING.

DETAILS OF MILLING

THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING. THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING. THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

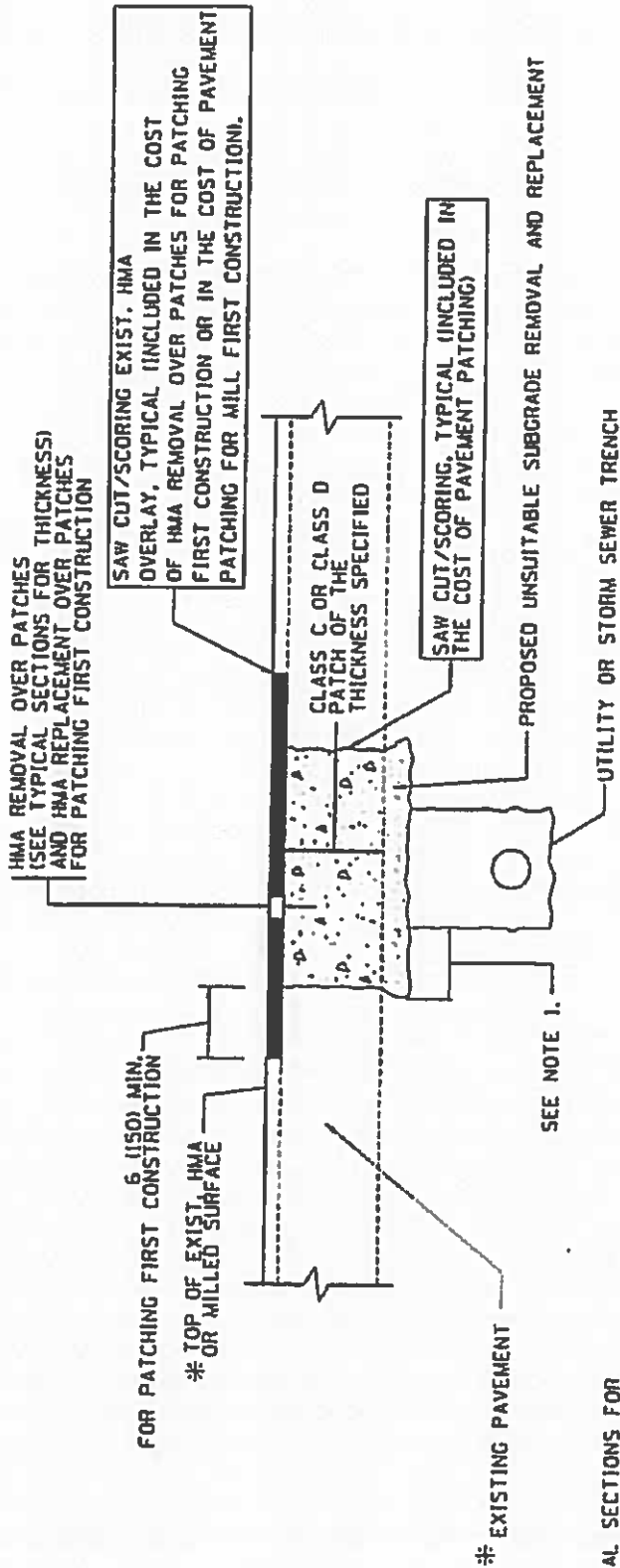


NOTES

1. THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING. THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING. THE MILLING SHALL BE PERFORMED AS SHOWN IN THE DRAWING.

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1/4" = 1'-0"	DATE: 11/11/11	PROJECT: I-55/US-40
DESIGNED BY: [Name]	CHECKED BY: [Name]	APPROVED BY: [Name]	DATE: 11/11/11
SHEET NO. 1 OF 1		TOTAL SHEETS: 1	



NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

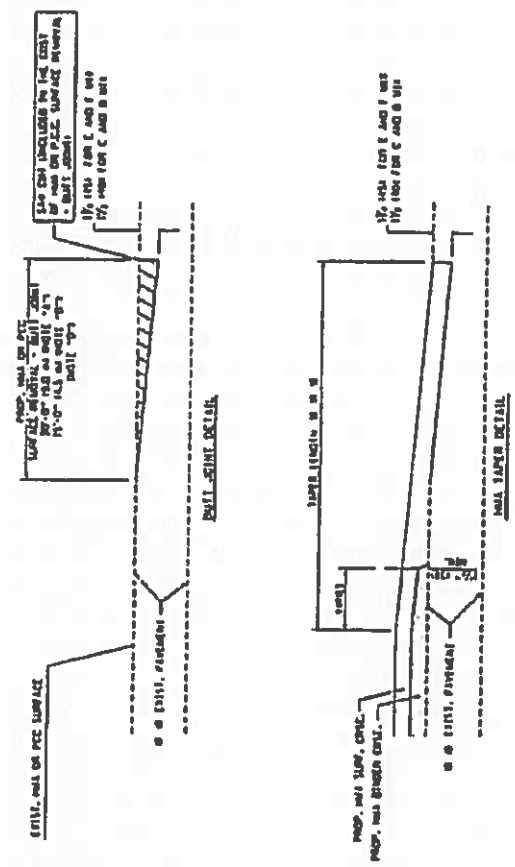
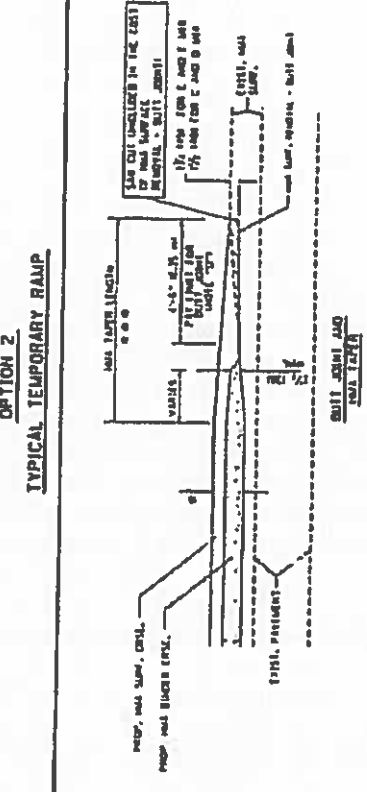
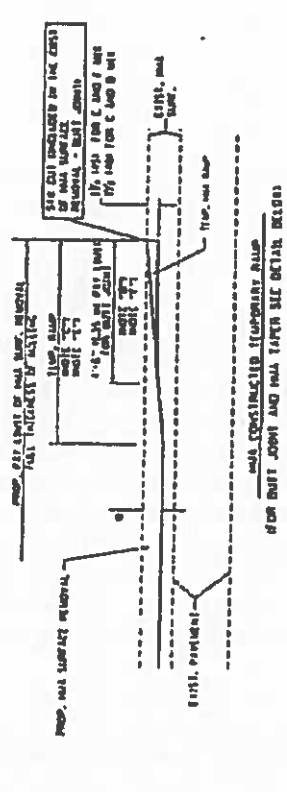
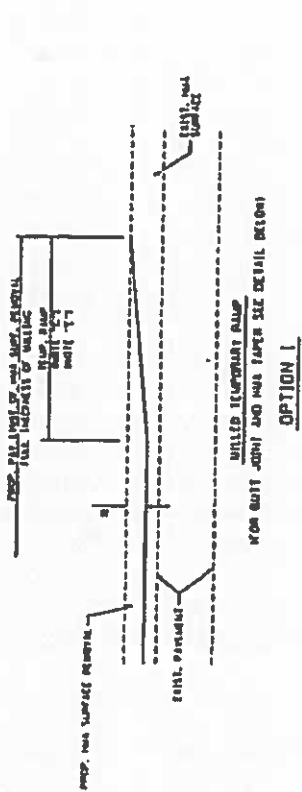
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

DATE	BY	CHECKED	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER	DATE	BY	SCALE

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

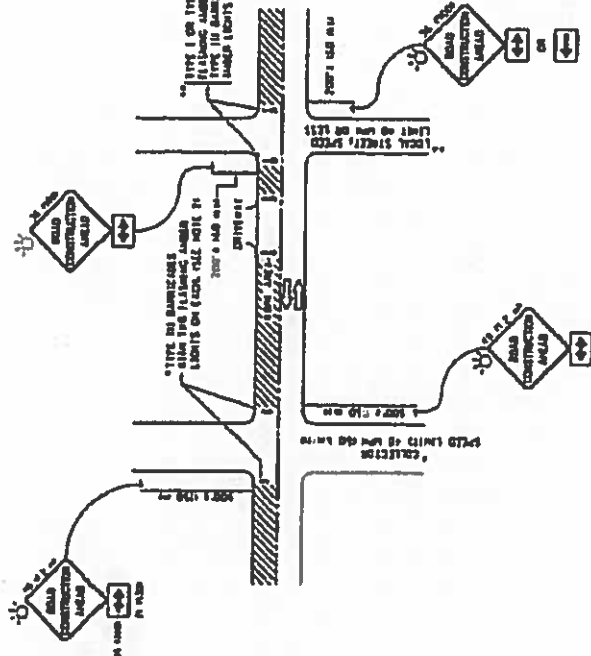
- 1. MILLING TEMPORARY RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING MILL SURFACE.
- 2. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING MILL SURFACE.
- 3. UPON THE TEMP. RAMP AT A RATE OF 2" PER 100' AND PER 1/2" PER 10' OF EXISTING SURFACE.
- 4. INSTALLATION AND REMOVAL OF THE TEMP. RAMP SHALL BE INCLUDED IN COST OF THE SURFACE REPAIR - BUTT JOINT.
- 5. SEE DETAIL SECTION FOR THE SIGNING AND CONSTRUCTION FOR THIS AND OTHER SURFACE REPAIRS - BUTT JOINT.
- 6. SEE SPEC. SECTION FOR OTHER DETAILS.

NOTE: SEE DETAIL SECTION FOR THE SIGNING AND CONSTRUCTION FOR THIS AND OTHER SURFACE REPAIRS - BUTT JOINT.

DATE	BY	CHECKED	DATE

STATE OF ALABAMA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.			



NOTES:

1. THE ROAD WITH A SPEED LIMIT OF 40 MPH OR MORE ON LITS 41 SHALL BE THE CONTROL AND IS CONTROLLED BY THE DISCRETEION OF THE ROAD CONSTRUCTION AHEAD SIGN AS A REQUIREMENT WITH A ROAD CLOSED SIGN ON IT APPROXIMATELY 200' OR IN ADVANCE OF THE ROAD AHEAD.
2. THE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH AND AHEAD AS SHOWN ON THE SIGNAGE AND IS CONTROLLED BY THE SIGNAGE.
3. THE ROAD CONSTRUCTION AHEAD SIGN AS A 40 MPH OR A 45 MPH IS TO BE USED IN ADVANCE OF THE ROAD AHEAD SIGN APPROXIMATELY 175' OF THE ROAD AHEAD.
4. THE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH AND AHEAD AS SHOWN ON THE SIGNAGE AND IS CONTROLLED BY THE SIGNAGE.
5. THE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH AND AHEAD AS SHOWN ON THE SIGNAGE AND IS CONTROLLED BY THE SIGNAGE.
6. THE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH AND AHEAD AS SHOWN ON THE SIGNAGE AND IS CONTROLLED BY THE SIGNAGE.
7. THE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH AND AHEAD AS SHOWN ON THE SIGNAGE AND IS CONTROLLED BY THE SIGNAGE.
8. THE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH AND AHEAD AS SHOWN ON THE SIGNAGE AND IS CONTROLLED BY THE SIGNAGE.
9. THE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH AND AHEAD AS SHOWN ON THE SIGNAGE AND IS CONTROLLED BY THE SIGNAGE.
10. THE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH AND AHEAD AS SHOWN ON THE SIGNAGE AND IS CONTROLLED BY THE SIGNAGE.

10. (continued) 10. (continued) 10. (continued)

SECTION	DATE	BY
SECTION	DATE	BY
SECTION	DATE	BY

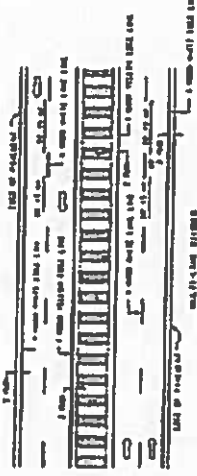
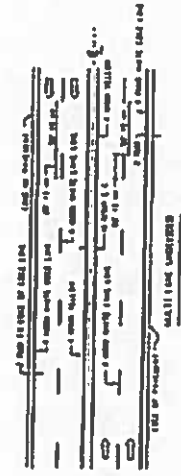
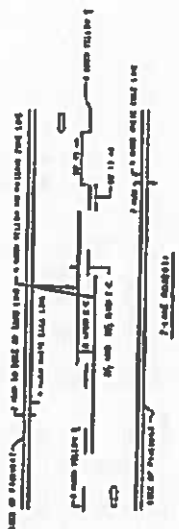
TRAFFIC CONTROL AND PROTECTION FOR ROAD MAINTENANCE, CONSTRUCTION, AND OBSTRUCTIONS

STATE OF ALABAMA DEPARTMENT OF TRANSPORTATION

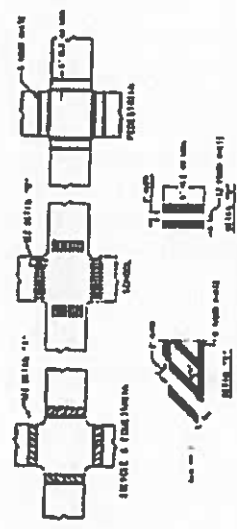
REVISED	DATE	BY
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DATE	BY	FOR
DATE	BY	FOR
DATE	BY	FOR

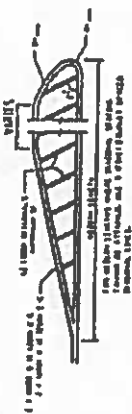
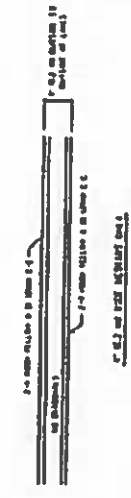
10. (continued) 10. (continued) 10. (continued)



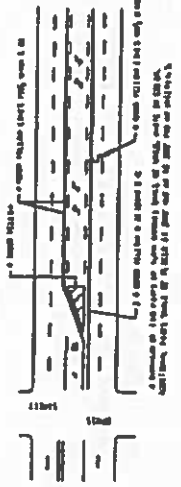
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



TYPICAL ISLAND MARKING



TYPICAL PAINTED MEDIAN MARKING



TYPICAL TURN LANE MARKING

TYPE OF MARKING	SYMBOLS	POSITION	WIDTH	SPACING	HEIGHT	REMARKS
EDGE OF ROAD MARKING	---	Edge of road	4 in.	10 ft.	1 1/2 in.	Use white paint on asphalt and concrete. Use yellow paint on gravel.
LANE MARKING	---	Center of lane	4 in.	10 ft.	1 1/2 in.	Use white paint on asphalt and concrete. Use yellow paint on gravel.
ISLAND MARKING	---	Center of island	4 in.	10 ft.	1 1/2 in.	Use white paint on asphalt and concrete. Use yellow paint on gravel.
MEDIAN MARKING	---	Center of median	4 in.	10 ft.	1 1/2 in.	Use white paint on asphalt and concrete. Use yellow paint on gravel.
TURN LANE MARKING	---	Center of turn lane	4 in.	10 ft.	1 1/2 in.	Use white paint on asphalt and concrete. Use yellow paint on gravel.
CROSSWALK MARKING	---	Center of crosswalk	4 in.	10 ft.	1 1/2 in.	Use white paint on asphalt and concrete. Use yellow paint on gravel.

NOTES: 1. All markings shall be applied in accordance with the specifications for the 1977 Uniform Manual.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

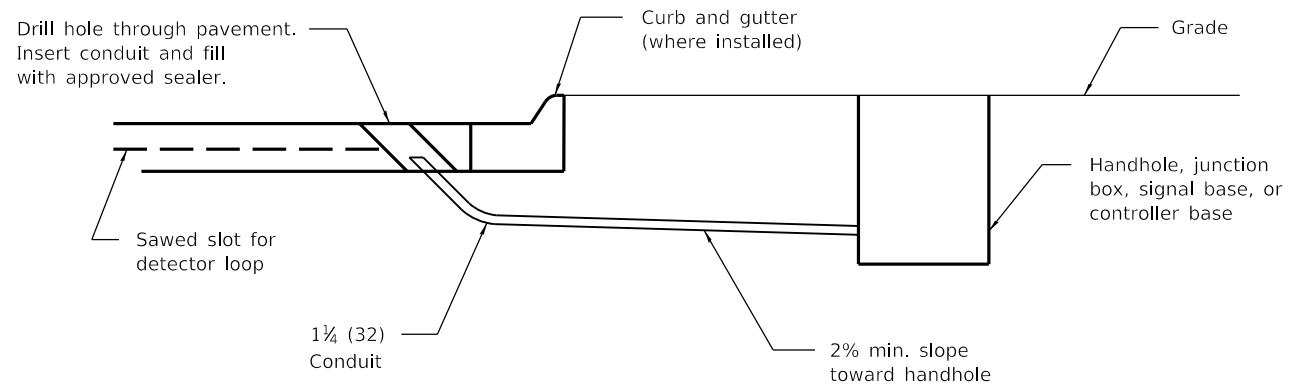
PROJECT NO. 101-1-1011-1111 1111 1111 1111 1111

DATE: 11/11/11

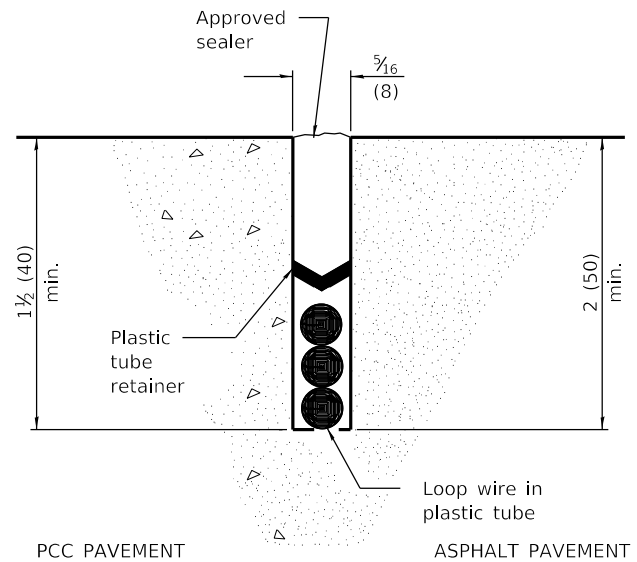
BY: [Signature]

FOR THE DIRECTOR: [Signature]

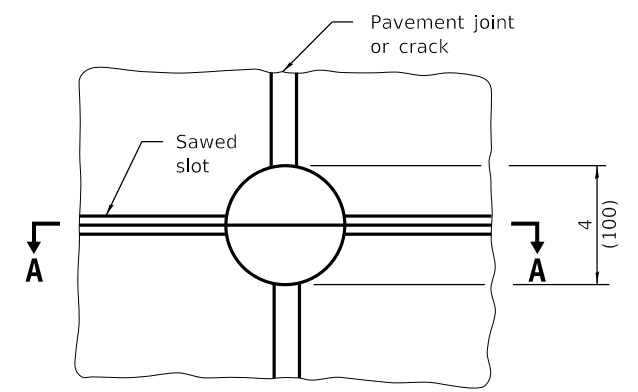
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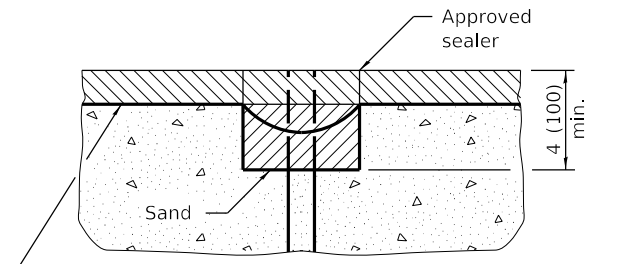
DETECTOR LOOP LEAD-IN



DETECTOR LOOP INSTALLATION



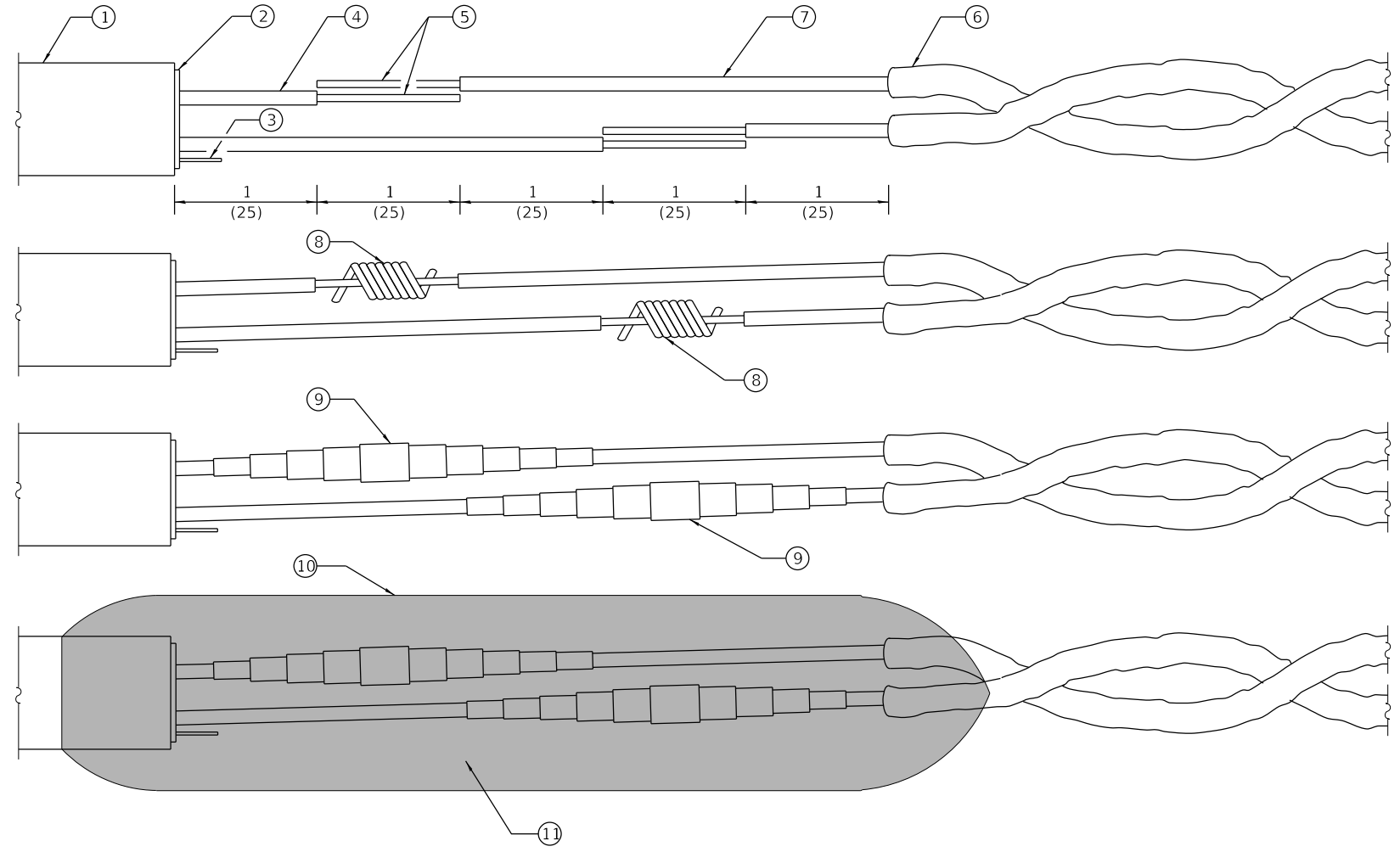
PLAN



SECTION A-A

NOTE
Loop wire shall follow saw cut to bottom, forming slack section at joint.

DETECTOR LOOP AT PAVEMENT JOINT OR PAVEMENT CRACK



LOOP WIRE AND LEAD-IN CABLE SPLICE

- ① = Lead-in cable (single pair or multipair)
- ② = Lead-in cable shield
- ③ = Lead-in cable shield drain-wire
- ④ = Lead-in cable insulated conductor
- ⑤ = Bare conductor
- ⑥ = Loop wire in tube
- ⑦ = Loop wire insulated conductor
- ⑧ = Twisted and resin soldered conductor
- ⑨ = Electrical tape insulated splice
- ⑩ = Rigid mold
- ⑪ = Waterproof and dielectric resin

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

Illinois Department of Transportation

PASSED January 1, 2009
[Signature]
 ENGINEER OF OPERATIONS

APPROVED January 1, 2009
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-02

DATE	REVISIONS
1-1-09	Switched units to English (metric)
1-1-02	Renum. Standard 846001.

DETECTOR LOOP INSTALLATIONS

STANDARD 886001-01

Cook County Prevailing Wage Rates posted on 1/6/2022

Trade Title	Rg	Type	C	Base	Foreman	Overtime				H/W	Pension	Vac	Trng	Other Ins
						M-F	Sa	Su	Hol					
ASBESTOS ABT-GEN	All	ALL		45.90	46.90	1.5	1.5	2.0	2.0	16.55	14.71	0.00	0.90	
ASBESTOS ABT-MEC	All	BLD		38.85	41.96	1.5	1.5	2.0	2.0	14.42	12.61	0.00	0.82	
BOILERMAKER	All	BLD		52.61	57.34	2.0	2.0	2.0	2.0	6.97	22.34	0.00	1.40	
BRICK MASON	All	BLD		48.56	53.42	1.5	1.5	2.0	2.0	11.70	21.06	0.00	1.03	
CARPENTER	All	ALL		50.86	52.86	1.5	1.5	2.0	2.0	11.79	24.76	0.00	0.79	
CEMENT MASON	All	ALL		47.50	49.50	2.0	1.5	2.0	2.0	16.75	20.74	0.00	1.00	
CERAMIC TILE FINISHER	All	BLD		42.80	42.80	1.5	1.5	2.0	2.0	11.45	14.27	0.00	0.94	
COMMUNICATION ELECTRICIAN	All	BLD		46.26	49.06	1.5	1.5	2.0	2.0	11.60	13.83	1.25	1.55	0.50
ELECTRIC PWR EQMT OP	All	ALL		56.55	62.05	1.5	1.5	2.0	2.0	12.94	19.11	0.00	3.17	
ELECTRIC PWR GRNDMAN	All	ALL		44.11	62.05	1.5	1.5	2.0	2.0	10.10	14.91	0.00	2.48	
ELECTRIC PWR LINEMAN	All	ALL		56.55	62.05	1.5	1.5	2.0	2.0	12.94	19.11	0.00	3.17	
ELECTRICIAN	All	ALL		51.00	54.00	1.5	1.5	2.0	2.0	16.49	17.82	1.25	1.87	1.50
ELEVATOR CONSTRUCTOR	All	BLD		60.42	67.97	2.0	2.0	2.0	2.0	15.87	19.31	4.83	0.64	
FENCE ERECTOR	All	ALL		45.67	47.67	1.5	1.5	2.0	2.0	13.68	16.39	0.00	0.65	
GLAZIER	All	BLD		47.73	49.23	1.5	2.0	2.0	2.0	14.99	23.42	0.00	1.43	
HEAT/FROST INSULATOR	All	BLD		51.80	54.91	1.5	1.5	2.0	2.0	14.42	15.36	0.00	0.82	
IRON WORKER	All	ALL		54.51	56.51	2.0	2.0	2.0	2.0	15.40	25.06	0.00	0.44	
LABORER	All	ALL		45.90	46.65	1.5	1.5	2.0	2.0	16.55	14.71	0.00	0.90	
LATHER	All	ALL		50.86	52.86	1.5	1.5	2.0	2.0	11.79	24.76	0.00	0.79	
MACHINIST	All	BLD		50.68	53.18	1.5	1.5	2.0	2.0	8.93	8.95	1.85	1.47	
MARBLE FINISHER	All	ALL		37.00	50.10	1.5	1.5	2.0	2.0	11.70	19.10	0.00	0.93	
MARBLE MASON	All	BLD		47.71	52.48	1.5	1.5	2.0	2.0	11.70	20.53	0.00	1.02	
MATERIAL TESTER I	All	ALL		35.90		1.5	1.5	2.0	2.0	16.55	14.71	0.00	0.90	
MATERIALS TESTER II	All	ALL		40.90		1.5	1.5	2.0	2.0	16.55	14.71	0.00	0.90	
MILLWRIGHT	All	ALL		50.86	52.86	1.5	1.5	2.0	2.0	11.79	24.76	0.00	0.79	
OPERATING ENGINEER	All	BLD	1	53.60	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	BLD	2	52.30	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	BLD	3	49.75	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	BLD	4	48.00	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	BLD	5	57.35	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	BLD	6	54.60	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40	

OPERATING ENGINEER	All	BLD	7	56.60	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40
OPERATING ENGINEER	All	FLT	1	59.35	59.35	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15
OPERATING ENGINEER	All	FLT	2	57.85	59.35	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15
OPERATING ENGINEER	All	FLT	3	51.50	59.35	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15
OPERATING ENGINEER	All	FLT	4	42.80	59.35	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15
OPERATING ENGINEER	All	FLT	5	60.85	59.35	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15
OPERATING ENGINEER	All	FLT	6	41.00	59.35	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15
OPERATING ENGINEER	All	HWY	1	51.80	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40
OPERATING ENGINEER	All	HWY	2	51.25	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40
OPERATING ENGINEER	All	HWY	3	49.20	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40
OPERATING ENGINEER	All	HWY	4	47.80	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40
OPERATING ENGINEER	All	HWY	5	46.60	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40
OPERATING ENGINEER	All	HWY	6	54.80	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40
OPERATING ENGINEER	All	HWY	7	52.80	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40
ORNAMENTAL IRON WORKER	All	ALL		52.13	54.63	2.0	2.0	2.0	2.0	14.23	23.99	0.00	1.25
PAINTER	All	ALL		49.30	55.46	1.5	1.5	1.5	2.0	13.01	14.74	0.00	1.87
PAINTER - SIGNS	All	BLD		40.74	45.75	1.5	1.5	2.0	2.0	3.04	3.90	0.00	0.00
PILEDRIVER	All	ALL		50.86	52.86	1.5	1.5	2.0	2.0	11.79	24.76	0.00	0.79
PIPEFITTER	All	BLD		52.00	55.00	1.5	1.5	2.0	2.0	11.60	21.85	0.00	2.92
PLASTERER	All	BLD		45.50	48.23	1.5	1.5	2.0	2.0	16.75	19.04	0.00	1.25
PLUMBER	All	BLD		52.80	55.95	1.5	1.5	2.0	2.0	16.45	16.75	0.00	1.47
ROOFER	All	BLD		46.70	50.70	1.5	1.5	2.0	2.0	11.58	14.56	0.00	0.96
SHEETMETAL WORKER	All	BLD		47.50	51.30	1.5	1.5	2.0	2.0	12.90	27.64	0.00	0.95
SIGN HANGER	All	BLD		34.07	36.80	1.5	1.5	2.0	2.0	6.45	4.30	0.00	0.00
SPRINKLER FITTER	All	BLD		52.25	55.00	1.5	1.5	2.0	2.0	14.20	18.60	0.00	0.75
STEEL ERECTOR	All	ALL		54.51	56.51	2.0	2.0	2.0	2.0	15.40	25.06	0.00	0.44
STONE MASON	All	BLD		48.56	53.42	1.5	1.5	2.0	2.0	11.70	21.06	0.00	1.03
TERRAZZO FINISHER	All	BLD		44.54	44.54	1.5	1.5	2.0	2.0	11.45	16.64	0.00	0.97
TERRAZZO MASON	All	BLD		48.38	51.88	1.5	1.5	2.0	2.0	11.45	18.10	0.00	1.00
TILE MASON	All	BLD		49.75	53.75	1.5	1.5	2.0	2.0	11.45	17.98	0.00	1.02
TRAFFIC SAFETY WORKER	All	HWY		38.50	40.10	1.5	1.5	2.0	2.0	8.90	8.90	0.00	0.90
TRUCK DRIVER	E	ALL	1	39.25	39.90	1.5	1.5	2.0	2.0	11.40	14.70	0.00	0.15
TRUCK DRIVER	E	ALL	2	39.50	39.90	1.5	1.5	2.0	2.0	11.40	14.70	0.00	0.15
TRUCK DRIVER	E	ALL	3	39.70	39.90	1.5	1.5	2.0	2.0	11.40	14.70	0.00	0.15
TRUCK DRIVER	E	ALL	4	39.90	39.90	1.5	1.5	2.0	2.0	11.40	14.70	0.00	0.15
TRUCK DRIVER	W	ALL	1	39.88	40.43	1.5	1.5	2.0	2.0	10.20	13.86	0.00	0.15

TRUCK DRIVER	W	ALL	2	40.03	40.43	1.5	1.5	2.0	2.0	10.20	13.86	0.00	0.15	
TRUCK DRIVER	W	ALL	3	40.23	40.43	1.5	1.5	2.0	2.0	10.20	13.86	0.00	0.15	
TRUCK DRIVER	W	ALL	4	40.43	40.43	1.5	1.5	2.0	2.0	10.20	13.86	0.00	0.15	
TUCKPOINTER	All	BLD		48.25	49.25	1.5	1.5	2.0	2.0	8.79	20.47	0.00	1.01	

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 COOK COUNTY

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

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

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

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all

sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

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

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

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

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician;

Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin

Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY

Effective November 30, 2018, the description of the traffic safety worker trade in this County is as follows: Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary, non-temporary or permanent lane, pavement or roadway markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turntrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turntrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

Registering for DemandStar



We are pleased to announce our membership in the DemandStar network. DemandStar is an online marketplace that connects our suppliers directly to the bids, quotes and RFPs that matter to them.

DemandStar is open and accessible to all businesses and provides instant access to our solicitations. By registering for your complimentary DemandStar account, you will receive:

- **Instant** access to bids, quotes and RFPs
- **Automatic** notifications, right to you inbox, of bids that match the commodity codes you select
- The ability to **quickly view** the contractual terms and scope of work
- All the **forms and documents** you need in one place
- Access to **more government bids** in neighboring cities, counties and states

It's EASY! Get started with these 3 easy steps!

1 REGISTER

Go to:

<https://www.demandstar.com/registration>

Create an Account with DemandStar

You are one step away from picking your free government agency

Email Address

Company Name

I accept the DemandStar [Terms of Use](#) and [Privacy Policy](#)

Next



2 CHOOSE YOUR FREE AGENCY

Type in the name of the government agency you'd like to add, for example "City of Metropolis" in the Search Box

3 CHECK OUT

Check out with your **FREE AGENCY** Registration by clicking "Skip for now" on the page where it gives you options to add additional counties and States

← Choose Your Free Agency

Receive full access to the government agency of your choice and receive advance notifications of new opportunities.

City of Metropolis ✕

Narrow down your search by selecting a state and county.

State	County
Select State ▼	Select County ▼

- City of Metropolis – Board of Commisioners
- City of Metropolis Purchasing
- Metropolis Technical College

You have chosen **Metropolis Technical College** as your free agency.
Add additional government agencies below for \$25 per County,
Statewide and National subscriptions available.

My Subscriptions  [0]

Nation (0)

States (0)

Counties (0)

		Your Current Rate
Total	(0 subscriptions)	\$0/year

Proceed to Checkout

Skip for Now

SIGN UP

Visit www.demandstar.com





DEMANDSTAR

B u i l d i n g C o m m u n i t i e s .

(E-bidding) Electronic Bidding Instructions

Introduction

To submit a bid electronically (e-bidding) on DemandStar

- The project **MUST** be setup for e-bidding by the government agency advertising the opportunity

Bid Identifier	Agency Name	Bid Status	Broadcast Date	Date Due ▼	Name	Actions
RFP-2019-01-0-2019/df	Town of Malabar	Active	5/15/2019	5/31/2019	Malabar Parks and Recreation Board Memorial Wall Project	Planholders, Download/Order, Details
EBID-20190077-0-2019/HF	City of Port St. Lucie, Procurement Management Department	Active	4/25/2019	5/31/2019	Purchase Breaching "Backpack Gas Masks and Gas Mask Cartridges for the Police Department JAG Grant Funded	E-Bidding, Planholders, Download/Order, Details



How to check if it is an e-bidding opportunity

- Not all opportunities posted on DemandStar by government are available for e-bidding
- Those that are available for you to electronically bid will list "e-bidding" as an available "ACTION" when you look at the project details

In order to do
e-bidding

1. Click on “E-bidding” in
the actions column

Bid Identifier	Agency Name	Bid Status	Broadcast Date	Date Due ▼	Name	Actions
RFP-2019-01-0-2019/df	Town of Malabar	Active	5/15/2019	5/31/2019	Malabar Parks and Recreation Board Memorial Wall Project	Planholders, Download/Order, Details
EBID-20190077-0-2019/HF	City of Port St. Lucie, Procurement Management Department	Active	4/25/2019	5/31/2019	Purchase Breaching “Backpa Gas Masks and Gas Mask Cartridges for the Police Department JAG Grant Funded	E-Bidding, Planholders, Download/Order, Details



In order to do
e-bidding

2. Enter your contact information and enter in all required fields

Note: You **MUST** put a number of the “BID AMOUNT” box. However, that number can be 0 so as to allow for a more detailed description of your bid through your uploaded documents.

Contact Information

**indicates required fields*

Company Name *

Address 1 *

Address 2

City *

State *

Postal Code *

Phone *

Fax

Country *

Bid Amount *

Alternate Bid Amount

Notes



In order to do e-bidding

- In the agency required documents section – check the documents you intend on uploading and fulfilling. By checking these boxes this is **ONLY** an acknowledgement of how you will fulfill the requirement. You still have to upload the documents.

Required Documents



The following documents are required by the agency for this project. Please select which documents you will be submitting electronically (online) and which ones you will submit directly to the agency (offline).

Agency Required Documents

Document	None	Online/ Electronic	Offline/ Manual	Not submitting
-	❗	✓	📄	•
Bid Reply	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Checklist	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subcontractor List	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current Workload, List of Projects and Completion Dates	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Questionnaire	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drug Free Workplace Form	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In order to do e-bidding

Upload your response documents in an accepted file format

Make sure that you have covered and uploaded all the required documents

E-Bid Response Documents

Agency Name	City of Port St. Lucie, Procurement Management Department
Bid Number	EBID-20190077-0-2019/HF
Bid Name	Purchase Breaching "Backpack" Kits, Gas Masks and Gas Mask Cartridges for the Police Department JAG Grant Funded
Bid Due Date	5/31/2019 3:00:00 PM Eastern time
Bid Opening	14 days, 21 hours, 45 minutes, 5 seconds

No response documents uploaded

Agency Accepted File Formats



Formats

Adobe Acrobat (*.PDF)
Microsoft Excel (*.XLS)
Microsoft Excel (*.XLSX)
Microsoft PowerPoint (*.PPT)
Microsoft Word (*.DOC)
Microsoft Word (*.DOCX)

Upload Electronic Documents

** indicates required fields*



Document Title *

Specify Upload Document *

Choose File No file chosen

(Type the path of the document, or click the Browse button.)


Upload

In order to do e-bidding

Once you decide you've uploaded all your documents that you would like to submit, make sure you click the **NEXT** button at the bottom of the screen

E-Bid Response Documents

Agency Name City of Port St. Lucie, Procurement Management Department
Bid Number EBID-20180218-0-2018/jer
Bid Name Sculpture on Lawn at City Hall Temporary Art Installation
Bid Due Date 1/9/2019 2:00:00 PM Eastern time
Bid Opening 100 days, 1 hour, 20 minutes, 11 seconds

	Document Title	Format	Size	Uploaded	Status	Action
1	 E-Bidding for Suppliers	Microsoft Word	12 Kb	10/1/2018 9:39:50 AM	Complete	View , Remove

Agency Accepted File Formats

Formats
Adobe Acrobat (*.PDF)
Microsoft Excel (*.XLS)
Microsoft Excel (*.XLSX)
Microsoft PowerPoint (*.PPT)
Microsoft Word (*.DOC)
Microsoft Word (*.DOCX)

Upload Electronic Documents

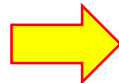
* indicates required fields

Document Title *

Specify Upload Document *

(Type the path of the document, or click the Browse button.)

Your document has successfully uploaded but your response is not yet complete. You must still click 'Submit Response' on Bid Response Details page in order to complete your response and receive a confirmation



Completing your e-bid submittal

- Please **VERIFY** that you have attached **ALL** the required documents
- Click on the **Submit Response** button to complete your e-bid

Agency Required Documents

EDIT

1. **Bid Reply** (Electronic/Online) ✓
2. **Checklist** (Electronic/Online) ✓
3. **Subcontractor List** (Electronic/Online) ✓
4. **Current Workload, List of Projects and Completion Dates** (Electronic/Online) ✓
5. **Questionnaire** (Electronic/Online) ✓
6. **Drug Free Workplace Form** (Electronic/Online) ✓
7. **Current Certificate of Insurance** (Electronic/Online) ✓
8. **License/Certification to do Described Work** (Electronic/Online) ✓
9. **Reference Check Form** (Electronic/Online) ✓
10. **E-Bid Reply Excel Spreadsheet** (Electronic/Online) ✓
11. **E-Bid Bond** (Electronic/Online) ✓
12. **Vendor Code of Ethics** (Electronic/Online) ✓
13. **W-9 form** (Electronic/Online) ✓

Uploaded Documents

EDIT

1. test document upload to ensure e-bidding active

E-Bid Confirmation

After clicking "Submit Response" the following process will begin:

- We will verify that your response is complete as entered.
- You will see a confirmation page with your confirmation number and date/time stamp of your upload.
- You will receive a confirmation e-mail indicating a successful response submittal.
- You may track your response submission under the View Responses page.

If you do not receive any of the above, please call Supplier Services at (206) 940-0305.

<< Return

Submit Response

Confirmation of Response

- When you complete you will receive a confirmation
- This is a confirmation that what you uploaded will be visible to the agency when the bid closes, **this is not** a confirmation that all your documents were fill out or submitted correctly

E-Bid Response Details

Agency Name City of Port St. Lucie, Procurement Management Department

Bid Number EBID-20180218-0-2018/er

Bid Name **Sculpture on Lawn at City Hall Temporary Art Installation**

Bid Due Date 1/9/2019 2:00:00 PM Eastern time

Bid Opening 100 days, 1 hour, 6 minutes, 46 seconds

Response # 15104

Results Your bid response is submitted.

<< Return

Post Submission Edits

If you feel like you missed something or need to make a change you can go back to your submittal response and edit your e-bid. By clicking on “DETAILS” then “EDIT” the section you wish

Bid Identifier	Agency Name	Bid Status	Broadcast	Date Due ▼	Name	Status	Actions
EBID-20190077-0-2019/HF	City of Port St. Lucie, Procurement Management Department	Active	4/25/2019	5/31/2019	Purchase Breaching “Backpack” Kits, Gas Masks and Gas Mask Cartridges for the Police Department JAG Grant Funded	Incomplete	Details, Bid, History

Contact Information

[EDIT](#)

Company Name Sample DBE Company
Address 1 509 Olive Way
Address 2
City Seattle
State Washington
Postal Code 98101
Phone 2063739233
Fax 2063739233
Country United States of America
Bid Amount \$0.00
Alternate Bid Amount
Notes



Agency Required Documents

[EDIT](#)

1. Bid Reply (Electronic/Online) ✓



DemandStar E-Bidding: Frequently Asked Questions

- Do suppliers need to be registered with DemandStar to participate in e-bidding?
Yes. But if they don't already have an account with DemandStar, they can sign up and either
 - Be a subscriber for only your agency, at no charge, and be able to download documents at no charge and then receive notifications that match their commodity codes
 - Be a "basic supplier" for free - who researches on our platform and then pays \$5 to download all documents, thus becoming a plan holder
 - Be a paid subscriber for a county, state, national and receive notifications from all included agencies
- Can suppliers respond with document uploads or do they simply fill in forms?
Yes, they may respond with document uploads that are available to you via the DemandStar platform.
- What type of E-Bidding Documents can be uploaded?
Acceptable file formats for sending back documents that the city will accept:

E-Bidding Documents

Document Types	Bidding Documents - Exhibits Pricing Bid Bond
File Formats	Adobe Acrobat (*.PDF) Microsoft Excel (*.XLS) Microsoft Excel (*.XLSX) Microsoft PowerPoint (*.PPTX) Microsoft PowerPoint (*.PPT) ZIP Compressed Archive (*.ZIP)

- Is there a maximum file size that I can upload?
Vendors can simply upload a single file or multiple documents as long as it doesn't exceed 100 MBs (single or multiple files)
- After a bid opening, what document(s) are made public by DemandStar?
None. Only the agency can see the vendor responses so you are the only ones who will determine what you want to download and make public.
- Who do I call if I have questions or problems with the DemandStar?
The City strongly encourages each respondent to setup their account and to explore the eBidding module at least a couple of days before the bid due date.

If you have questions or issues creating your account, accessing the eBidding module or submitting your bid prior to the bid due date, please contact DemandStar at 866.273.1863 or by email at hello@demandstar.com.
