City of La Salle

La Salle County, Illinois

City Offices – 745 Second Street – La Salle, Illinois 61301-2501

Bus: 815-223-3755 Fax: 815-223-9508 www.lasalle-il.gov

August 28, 2025

Project: Malcolm, Creve Coeur & Gunn Avenue Emergency Water Main Replacement – 2025

To All Perspective Bidders:

To develop a plan-holders list and to be able to send out Addenda, if necessary, any perspective bidder **shall** complete the following and email to b.brown@lasalle-il.gov.

Name of Company: _____

Address of Company: _____

Name of Contact: _____

Contact Phone #: _____

Contact email: _____

Please feel free to contact me if you have any questions or comments.

Sincerely,

Brian D. Brown, PE
La Salle City Engineer
745 2nd Street
La Salle, Illinois 61350
815.223.7041

CITY OF LASALLE

PROPOSAL FOR:

MALCOLM, CREVE COEUR & GUNN AVENUE EMERGENCY WATER MAIN REPLACEMENTS 2025

BID DATE: SEPTEMBER 12, 2025
BID TIME: 10:00 AM

MAYOR:

JEFF GROVE

ALDERMEN:

BOB THOMPSON
JAMES "DIZ" DEMES
JOHN LAVIERI
JORDAN CRANE

JERRY RENOLDS
TOM PTAK
JOSEPH JEPPSON
T. BOO HERNDON

NOTICE TO BIDDERS

1. Notice is hereby given that the City of LaSalle, LaSalle, Illinois acting through the City Engineer, will receive sealed bids at City Hall, 745 Second Street, LaSalle, Illinois until Friday September 12, 2025 at 10:00 a.m., local time for the project "City of LaSalle, Malcolm, Creve Coeur & Gunn Avenue Emergency Water Main Replacement - 2025", at which time the bids will be publicly opened and read. Bids will be reviewed and acted upon by the Mayor and City Council at the September 15, 2025 City Council meeting.

2. The proposed work is officially known as "City of LaSalle, Malcolm, Creve Coeur & Gunn Avenue Emergency Water Main Replacement - 2025", and further described as the installation of 1527' of 6" PVC Water Main, 3 Fire Hydrants, 10 Tees, 7 Valves, 21 Water Service Line Installations, 17 Water Main Bends, 76' of Water Main Casing, 116' of Water Quality Storm Sewer, 43 SY Driveway Replacement, 480' Concrete Curb & Gutter R & R, 989 SY of Pavement Replacement, including all other work as further described in the plans and specifications for said work prepared by the City of LaSalle.

3. Plans and specifications are on file at the office of the City Clerk or the City Engineer, 745 Second Street, LaSalle, IL 61301. Prospective bidders and suppliers may download the plans and specifications from the city's website under the Engineering page at http://www.lasalle-il.gov/departments/engineering.

4. All bid proposals must be accompanied by a bid bond, certified check, bank cashier's check or bank draft payable to the City of LaSalle for Five percent (5%) of the amount of the bid as provided in the proposal. No proposals or bids will be considered unless accompanied by such bond, check or draft. Said security shall be maintained until the bid is rejected or accepted or until a performance bond is substituted therefore.

5. Not less than the prevailing rate of wages found by the City of LaSalle or the Department of Labor or determined by a court of review shall be paid to all laborers, workmen, and mechanics performing work under any contract for the proposed construction. If the prevailing wage rates are revised by the Illinois Department of Labor at any time during the term of the contract, the revised prevailing wage rates shall apply to work performed pursuant to the contract, and all contractors and subcontractors shall pay their employees in accordance with the revised prevailing wage rates.

6. The successful bidder for the construction of the improvements will be required to enter into a bond equal to 100% of the amount of the bid with sureties to be approved by the Mayor and City Council, when entering into the contract for construction of the improvements, which shall be conditioned upon the proper and faithful performance by the contractor of the work specified in accordance with the plans and specifications thereof.

7. The City of LaSalle through the City Engineer reserves the right to defer the Award of the Contract for a period not to exceed 60 calendar days after the date bids are to be received, and to accept or reject any or all proposals and to waive technicalities.

City of LaSalle, Illinois

By: *Jeffrey Grove*
Jeffrey Grove, Mayor

PROPOSAL

TO THE OWNER, City of LaSalle

1. Proposal of _____
(Name and Address of Bidder)

_____

for the improvement, designated in Paragraph 2 below, by the City of LaSalle, Malcolm, Creve Coeur & Gunn Avenue Emergency Water Main Replacement – 2025.

2. The plans for the proposed improvement are those prepared by the City of LaSalle, which plans are designated as "City of LaSalle, Malcolm, Creve Coeur & Gunn Avenue Emergency Water Main Replacement - 2025". The specifications herein referred to are the "Standard Specifications for Road and Bridge Construction", Illinois Department of Transportation, adopted January 1, 2022, as amended, "The Standard Specifications for Water and Sewer Construction in Illinois, Current Edition and the enclosed Special Provisions.

3. In submitting this proposal, the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein; and that the proposal is made without collusion with any other person, firm or corporation.

4. The undersigned further declares that he has carefully examined the proposal, plans, specifications, form of contract and contract bond and special provisions, that he has inspected in detail the site of proposed work, that he has familiarized himself with all of the local conditions affecting the contract and the detailed requirements of construction, and understands that in making this proposal he waives all rights to plead any misunderstanding regarding the same.

5. The undersigned further understands and agrees that if this proposal is accepted he is to furnish and provide all necessary machinery, tools, apparatus and other means of construction, and to do all of the work, and to furnish all of the materials specified in the contract, in the manner and at the time therein prescribed, and in accordance with the requirements therein set forth.

6. The undersigned declares that he understands that the quantities mentioned are approximate only and that they are subject to increase or decrease; that he will take in full payment therefore the amount and the summation of the actual quantities, as finally determined multiplied by the unit price shown in the schedule of prices contained herein. The City of LaSalle reserves the right to add or delete work from the contract, not to exceed 25% of the total quantities.

7. The undersigned further agrees that if the Owner decides to alter the improvement by extras or deductions, including the elimination of any one or more items, as provided in the specifications, he will perform the work as altered, increased or decreased at a price to be negotiated between Owner and Contractor as provided in the specifications.

8. The undersigned further agrees that the unit prices submitted herewith are for the purpose of obtaining a gross sum, and for use in computing the value of extras and deductions; that if there is a discrepancy between the gross sum bid and that bid resulting from the summation of quantities multiplied by their respective unit prices, the latter shall apply.

9. The undersigned further agrees that if the Owner decides to extend or shorten the improvement, or otherwise alter it by extras or deductions, including the elimination of any one or more items, as provided in the specifications, he will perform the work as altered, increased or decreased at the contract unit prices.

10. The undersigned further agrees that the Engineer may at any time during the progress of the work covered by this contract order other work and materials incidental thereto and that all such work and materials as do not appear in the proposal or contract as a specified item accompanied by a unit price, and which are not included under the bid price for other items of this contract, shall be performed as extra work, and that he will accept as full compensation therefore the actual cost plus fifteen percent (15%), the actual cost to be determined as provided in the specifications.

11. The undersigned further agrees to execute a contract for this work and present the same to the Owner within fifteen (15) days after the notice of the award of the contract to him.

12. The undersigned further agrees that he and his surety will execute and present to the Owner within fifteen (15) days after the date of notice of the award of the contract, a contract bond satisfactory to and in the form prescribed by the Owner, in the penal sum of one hundred (100%) percent of the full amount of the contract, guaranteeing the faithful performance of the work in accordance with the terms of the contract, and for the payment of all persons performing labor and furnishing material in connection with this contract.

13. The undersigned further agrees to begin work not later than ten (10) days after the execution and approval of the contract and contract bond, unless otherwise provided, and to prosecute the work in such manner and with sufficient materials, equipment, and labor as will insure it's completion within the time limit specified herein, it being understood and agreed that completion within the time limit is an essential part of the contract. In case of failure to complete the work within the time named herein or within such extra time as may have been allowed by extensions, the undersigned agrees that the Owner shall withhold from such sums as may be due him under the terms of the contract, the costs set forth in the specifications, which costs shall be considered and treated not as a penalty but as damages due the Owner from the undersigned by reason of and other items which have caused an expenditure of public funds resulting from the failure of the undersigned to complete the work within the time specified in the contract.

14. In consideration of the mutual covenants and agreements herein contained, and other good and valuable consideration received and to be received, the Contractor hereby agrees as follows:

A. To comply with all applicable laws, regulations and rules promulgated by any Federal, State, County, Municipal and/or other governmental unit or regulatory body now in effect or which may be in effect during the performance of the work. Included within the scope of the laws, regulations and rules referred to in this paragraph but in no way to operate as a limitation, are all forms of traffic regulations, public utility and Intrastate and Interstate Commerce Commission regulations, Workmen's Compensation laws, Prevailing Wage laws, the Social Security Act of the Federal Government and any of its titles, FEPC or FEOC statutory provisions and rules and regulations.

B. To protect, indemnify, hold and save harmless and defend the City against any and all claims, costs, causes, actions, and expenses, including but not limited to attorney's fees incurred by reason of a lawsuit or claim for damages or compensation arising in favor of any person, corporation or other entity, including the employees or officers or independent contractors or subcontractors of the contractor or City, on account of personal injuries or death, or damages to property occurring, growing out of, incident to, or resulting directly or indirectly from the performance by the Contractor or subcontractor of their officers, agents or employees hereunder, whether such loss, damage injury or liability is contributed to be the negligence of the City, its officers, agents, employees, independent contractors, or by premises themselves or any equipment thereon whether latent or patent, or from other causes whatsoever, except that the contractor shall have no liability or damages or the costs incident thereto caused by the sole negligence of the City.

C. To keep in force, to the satisfaction of the City, at all times during the performance of the work referred to above, Broad Form, Public Liability Insurance including contractual liability and

Automobile Liability Insurance with Bodily Injury each with limits of not less than $1,000,000 Broad Form Property Damage Insurance with limits of not less than $500,000 and workers compensation and related insurance coverage at amount required by statute. The Contractor agrees that at any time upon the demand of the City, proof of such insurance coverage will be submitted to the City. There shall be no additional charge for said insurance to the City. At the request of the City the Contractor will furnish certificates of insurance for the insurance coverage required herein, naming the City as an additional insured and providing that such policies may not be canceled or amended without ten days' prior written notice having been given to the City.

D. To furnish any affidavit or certificate, in connection with the work covered by this agreement as provided by law.

E. To indemnify the City for any loss it may sustain by theft or other cause from the acts or negligence of the employees of the Contractor or of the subcontractors.

F. Whenever in this Agreement the term City is used with regard to the obligation of the Contractor to indemnify, hold harmless or defend, the word City shall include the officers, employees and independent contractors of the City. It is mutually understood and agreed that the Contractor shall have full control of the ways and means of performing the work referred to above and that the Contractor or his/its employees, representatives or subcontractors are in no sense employees of the City, it being specifically agreed that in respect to the City, the Contractor and any party employed by the Contractor bears the relationship of an independent contractor.

15. Accompanying this proposal is a bid bond, bank draft, bank cashier's check, or certified check complying with the requirements of the specifications, made payable to the City of LaSalle. The amount of the bond, draft, or check is $_____.

If this proposal is accepted and the undersigned shall fail to execute a contract and contract bond as required herein, it is hereby agreed that the amount of the bond, draft, or check shall become the property of the Owner, and shall be considered as payment of damages due to delay and other causes suffered by the Owner because of the failure to execute said contract and contract bond; otherwise said bond, draft or check shall be returned to the undersigned.

ATTACH BID BOND, BANK DRAFT, BANK CASHIER'S CHECK
OR CERTIFIED CHECK HERE.

BID PROPOSAL

The undersigned submits herewith his summary schedule and individual schedule of prices covering the work to be performed under this contract for each division; he understands that he must show in the individual division schedules the unit prices for which he proposes to perform each item of work, that the extensions must be made by him, and that if not so done his proposal may be rejected as irregular.

SUMMARY SCHEDULE

NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	BASE BID				
1	REMOVAL AND DISPOSAL OF UNSUITABLE EXCAVATION	30	CU YD		
2	TRENCH BACKFILL	574	CU YD		
3	AGGREGATE FOR TEMPORARY ACCESS	35	TON		
4	EXPLORATION TRENCH, SPECIAL	6	HOUR		
5	INLET FILTERS	15	EACH		

6	PAVEMENT REPLACEMENT, 4"	989	SQ YD		
7	CUT AND CAP 4"	3	EACH		
8	CUT AND CAP 6"	2	EACH		
9	6" PVC DR-18 (C-900) WATER MAIN	1527	FOOT		
10	FIRE HYDRANT TO BE REMOVED	1	EACH		
11	FIRE HYDRANT (COMPLETE)	3	EACH		
12	6" CUT-IN SLEEVE	6	EACH		
13	6" X 6" TEE	10	EACH		
14	6" GATE VALVE AND BOX	7	EACH		
15	CORPORATION STOP AND SADDLE	21	EACH		
16	CURB STOP (BUFFALO BOX)	21	EACH		
17	1" TYPE K WATER SERVICE INSTALLATION	423	FOOT		
18	6" 11.25 DEGREE BEND	1	EACH		
19	6" 22.5 DEGREE BEND	4	EACH		
20	6" 45 DEGREE BEND	12	EACH		
21	6" CAP	1	EACH		
22	15" PVC DR-18 (C-900) CASING (OPEN CUT)	76	FOOT		
23	ABANDON EXISTING 4" VALVE, REMOVE BOX	5	EACH		
24	ABANDON EXISTING 6" VALVE	1	EACH		
25	REMOVE EXISTING VALVE VAULT	2	EACH		
26	10" PVC SDR-26 WATER QUALITY STORM SEWER	39	FOOT		
27	12" PVC SDR-26 WATER QUALITY STORM SEWER	77	FOOT		
28	PC CONCRETE DRIVE, 7" REMOVE & REPLACE	43	SQ YD		
29	CONNECT PROPOSED 10" STORM SEWER TO EXISTING STRUCTURE	2	EACH		
30	CONNECT PROPOSED 12" STORM SEWER TO EXISTING STRUCTURE	6	EACH		
31	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 R & R	480	FOOT		
				TOTAL BASE BID (A)	
	ALTERNATE				
	ADD				
32	BITUMINOUS MATERIALS (TACK COAT)	2000	POUNDS		
33	HMA BINDER COURSE, MIX B, N50, IL-19.0	551	TON		
34	HMA SURFACE COURSE, MIX C, N50, IL-9.5FG	310	TON		
35	HMA SURFACE REMOVAL, 3"	4425	SQ YD		
	DEDUCT				
6	PAVEMENT REPLACEMENT, 4"	989	SQ YD		
				TOTAL ALTERNATE (B)	
				TOTAL BASE BID (A) + ALTERNATE (B)	

Corporate Seal

or

Notary Public Required

Company Name: _____

Company Officer: _____

Title: _____

NOTICE OF AWARD

TO:

Project Description: City of LaSalle, Malcolm, Creve Coeur & Gunn Avenue Emergency Water Main Replacement - 2025.

The OWNER has considered the Bid submitted by you for the above-described WORK in response to its Invitation for Bids dated September 12, 2025.

You are hereby notified that your Bid has been accepted for items in the amount of
$_____or at the Bid Unit Prices.

You are required by the Invitation for Bids to execute the CONTRACT and furnish the required CONTRACTOR'S CONTRACT Bond and certificates of insurance within fifteen (15) calendar days from the date of this Notice to you.

If you fail to execute said CONTRACT and to furnish said Bond within fifteen (15) days from the date of this Notice, said OWNER will be entitled to consider all your rights arising out of the OWNER'S acceptance of your Bid as abandoned and as a forfeiture of your Bid Bond. The OWNER will be entitled to such rights as may be granted by law.

You are required to return an acknowledged copy of this Notice of Award to the OWNER.

Dated this ____ day of _____, 2025.

City of La Salle, IL
(OWNER)

BY__Brian D. Brown, PE_____

City Engineer

TITLE

ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged by _____

this the _____ day of_____ , 20 _____ .

By _____

Title _____

CONTRACT

1. THIS AGREEMENT, made and executed this _____day of _____ 20_25___, between the City of La Salle acting by and through the City Council known as the OWNER,_____ his/their executors, administrators, successors, or assigns, known as the CONTRACTOR..

2. WITNESSETH: That for and in consideration of the payments and agreements mentioned in the Bid Documents hereto attached, to be made and performed by the OWNER, and according to the terms expressed in the Bond referring to these present, the CONTRACTOR agrees with the OWNER at his/their own proper cost and expense to do all the WORK furnish all materials and all labor necessary to complete the WORK in accordance with the Plans and Specifications hereinafter described and in full compliance with all of the plans of this agreement and the requirements of the ENGINEER under it.

3. And it is also understood and agreed that the Invitation for Bids, Addenda, General Conditions, Special Conditions, Special Provisions, Bid, Plans and Specifications, Notice of Award, Notice to Proceed, and Contract Performance and Payment Bonds hereto attached, for City of LaSalle, Malcolm, Creve Coeur & Gunn Avenue Emergency Water Main Replacement - 2025.
__August 28___, 20_25___, are all essential documents of this Contract and are a part hereof.

4. IN WITNESS WHEREOF: The said parties have executed these presents on the date above mentioned.

For the OWNER _____City of LaSalle_____.

By _____
Jeff Grove, Mayor

For the CONTRACTOR

(If a Corporation)

Corporate Name _____

Attest:

By _____
(President)

_____/s/
(Clerk or Notary Public)

(If a Co-Partnership)

_____ /s/

_____/s/

_____ /s/

(Secretary)

_____ /s/

CONTRACT BOND

KNOWN ALL MEN BY THESE PRESENT, That we _____ _____ a co-partnership, of _____ _____ as Principal, and _____ _____ a corporation organized and existing under the laws of the State of _____ with authority to do business in the State of Illinois as Surety, are held and firmly bound unto the City of La Salle, 745 Second Street, LaSalle, IL 61301.

State of Illinois, in the penal sum of _____ Dollars ($_____), lawful money of the United States, well and truly to be paid unto said _____, for the

payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly, severally, and firmly by these presents.

THE CONDITION OF THE FOREGOING OBLIGATIONS IS SUCH that whereas, the said Principal has entered into a written contract with the OWNER which is _____ _____ and act through _____ for the construction of the WORK designated as City of LaSalle, Malcolm, Creve Coeur & Gunn Avenue Emergency Water Main Replacement - 2025, which CONTRACT is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said WORK in accordance with the terms of said CONTRACT, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such WORK and has further agreed to pay all direct and indirect damages to any person, firm, company, or corporation suffered or sustained on account of the performance of such WORK during the time thereof and until such WORK is completed and accepted; and has further agreed that this Bond shall insure to the benefit of any person, firm, company or corporation, to whom any money may be due from the Principal, subcontractor or otherwise, for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such Bond by any such person, firm, company, or corporation, for the recovery of any such money.

CONTRACT BOND (continued)

NOW THEREFORE, if the said Principal shall well and truly perform said WORK in accordance with the terms of said CONTRACT, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to him for the purpose of constructing such WORK, and shall commence and complete the WORK within the time prescribed in said CONTRACT, and shall pay and discharge such WORK during the time of the performance thereof and until the said WORK shall have been accepted, and shall hold the aforesaid OWNER and its or his agents, harmless on account of any such damages, and shall in all respects fully and faithfully comply with all the provisions, conditions, and requirements of said CONTRACT, then this obligation to be void; otherwise to remain in full force and effect.

Approved this _____ day of _____, A.D., 20____

_____
City of LaSalle

By _____
Jeff Grove, Mayor

Attest:
For _____
City of LaSalle

By _____
Liz Bishop, City Clerk

MUNICIPAL OR CORPORATE SEAL

State of _____

County of _____ ss.

In WITNESS WHEROF, We have duly executed the foregoing Obligation this _____ day of _____ A.D., 20_____.

_____/s/

_____/s/

_____/s/

Partners doing business under the firm name of _____

_____/s/

Surety _____/s/

By _____/s/
(Attorney In Fact)

By _____/s/
(Attorney In Fact)

I, _____, Notary Public in and for said county in the State aforesaid, do hereby certify that_____ _____, who are each personally known to me to be co-partners in the partnership firm doing business under the name and style of _____ _____ and also personally known to me to be the same persons who signed the above and foregoing instrument as the Principal therein appeared before me this day in person and acknowledged that they, as such partners in said firm, signed for the said co-partnership, the above and foregoing instruments as and for the free and voluntary act of the said co-partnership firm for the uses and purposes therein set forth.

Given under my hand and notarial seal, this _____ day of _____, A.D.20____.

_____
(Notary Public)

State of _____

County of _____ss.

I, _____, a Notary Public in and for said county, in the State aforesaid, do hereby certify that _____ _____, who is personally known to me to be the same person who signed the above and foregoing instrument as the Attorney in Fact for _____ thereto, as his Principal, and his own name as Attorney in Fact, as the free and voluntary act of his said Principal for the uses and purposes therein set forth, and that .he executed the said instrument under authority given him by his said Principal.

Given under my hand and notarial seal, this _____ day of _____, A.D.20____.

_____
(Notary Public)

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2025

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

ERRATA Standard Specifications for Road and Bridge Construction
(Adopted 1-1-22) (Revised 1-1-25)

SUPPLEMENTAL SPECIFICATIONS

RECURRING SPECIAL PROVISIONS

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

LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

Table of Contents

State of Illinois
Department of Transportation

ERRATA
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

Adopted: January 1, 2022
Revised: January 1, 2025

Page viii Table of Contents. Change “SECTION 586. SAND BACKFILL FOR VAULTED ABUTMENTS” to “SECTION 586. GRANULAR BACKFILL FOR STRUCTURES”.

Page 2 Article 101.01. In the list of abbreviations, add the following after “OSHA”:

“ Product Eval & Audit”	“ Product Evaluation and Audit Solutions”

Page 170 Article 352.18(b)(3). Change “unstable and/or unsuitable material” to “unsuitable material”.

Page 170 Article 352.18(b)(4). Change “unstable and/or unsuitable material” to “unsuitable material”.

Page 170 Article 352.19(c). Change “unstable and/or unsuitable material” to “unsuitable material”.

Page 170 Article 352.19(d). Change “unstable and/or unsuitable material” to “unsuitable material”.

Page 267 Article 441.04. In Note 1/, change “unstable” to “unsuitable”.

Page 269 Article 441.05. In the last paragraph, change “Unsuitable or unstable material” to “Unsuitable material”.

Page 270 Article 441.10. In the second paragraph, change “unstable” to “unsuitable”.

Page 273 Article 442.05. In the fourth paragraph, change “unsuitable and unstable materials” to “unsuitable materials”.

Page 282 Article 442.08(b). Change “Articles 1030.05(d)(3), (d)(4), and (d)(7).” to “Articles 1030.09(b), 1030.09(c), and 1030.09(f).”

Page 308 Article 502.12(b). In the last sentence of the first paragraph, change “unstable and/or unsuitable material” to “unsuitable material”.

Page 310 Article 502.13. In the first sentence of the fourth paragraph, change “unstable and/or unsuitable material” to “unsuitable material”.

Page 310 Article 502.13. In the second sentence of the fourth paragraph, change “unstable and/or unsuitable material” to “unsuitable material”.

Page 444 Article 522.15(b). In the eighteenth paragraph, change “unstable and/or unsuitable material” to “disposal of unsuitable material”.

Page 446 Article 522.16. In the sixteenth paragraph, change “unstable and/or unsuitable material” to “unsuitable material”.

Page 450 Article 540.07(b). In the last paragraph, change “unstable and/or unsuitable material” to “unsuitable material”.

Page 450 Article 540.08. In the last paragraph, change “unstable and/or unsuitable material” to “unsuitable material”.

Page 599 Section 672. In the section title, change “AVANDONED” to “ABANDONED”.

Page 654 Article 780.04. In the sixth paragraph, change “Article 780.14” to “Article 780.15”.

Page 656 Article 780.08. In the last sentence of the 3rd paragraph, change “Contractor shall not install” to “Contractor shall install.”

Page 699 Article 818.02(b). In the Article/Section reference, change “1066.03(a)(3)” to “1066.03(b)”.

Page 749 Article 1001.01(d)(1). Change “maximum final set” to “minimum final set”.

Page 780 Article 1006.06(b). In the last sentence, change “AASHTO ASTM A 775 (A 775M)” to “ASTM A 775 (A 775M)”.

Page 788 Article 1006.25. In the third paragraph, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 805 Article 1008.05. In the first sentence of the second paragraph, change “National Transportation Product Evaluation Program (NTPEP)” to “AASHTO Product Eval & Audit”.

Page 805 Article 1008.05. In the second sentence of the second paragraph, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 806 Article 1008.05(b). In the Article title, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 808 Article 1008.05(f)(1). In the first sentence, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 817 Section 1018. In the section title, change “MORTOR” to “MORTAR”.

Page 869 Article 1030.01. In the last sentence of the second paragraph, change “specificly” to “specifically”.

Page 891 Article 1030.09(e)(1). In the sixth line of the first paragraph, change “contine” to “continue”.

Page 894 Article 1030.09(i). In the second to last paragraph, change “aggegate” to “aggregate”.

Page 919 Article 1040.04(a). In the first sentence, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 919 Article 1040.04(b). In the first sentence, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 951 Article 1062.02. Change the Article title from “1062.02 Lighting Protection” to “1065.02 Lighting Protection”.

Page 1034 Article 1080.01(a)(3). In Note 2/, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 1035 Article 1080.02. In Note 1/, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 1035 Article 1080.02. In Note 2/, change all “NTPEP” to “AASHTO Product Eval & Audit”.

Page 1036 Article 1080.03. In Note 1/, change all “NTPEP” to “AASHTO Product Eval & Audit”.

Page 1036 Article 1080.04. In the fourth sentence of the first paragraph, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 1036 Article 1080.04. In the fifth sentence of the first paragraph, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 1037 Article 1080.05. In Note 1/, change all “NTPEP” to “AASHTO Product Eval & Audit”.

Page 1039 Article 1080.06(d). In Note 1/, change “NTPEP” to “AASHTO Product Eval & Audit”.

Page 1060 Article 1083.01. In the second sentence of the first paragraph, change “NTPEP” to “AASHTO Product Eval & Audit”.

Check Sheet for Recurring Special Provisions

Local Public Agency	County	Section Number
City of La Salle	LaSalle	N/A

☐ **Check this box for lettings prior to 01/01/2025**

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

Recurring Special Provisions

Check Sheet #			Page No.
1	☐	Additional State Requirements for Federal-Aid Construction Contracts	79
2	☐	Subletting of Contracts (Federal-Aid Contracts)	82
3	☐	EEO	83
4	☐	Specific EEO Responsibilities Non Federal-Aid Contracts	93
5	☐	Required Provisions - State Contracts	98
6	☐	Asbestos Bearing Pad Removal	104
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Local Public Agency	County	Section Number
City of La Salle	LaSalle	25-00000-00-GM

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

Local Roads And Streets Recurring Special Provisions

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

SPECIAL PROVISION FOR INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

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

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

City of La Salle and City of La Salle Employees

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

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

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

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

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

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

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

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

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

Density Verification Method	
☐	Cores
☐	Nuclear Density Gauge (Correlated when paving ≥ 3,000 tons per mixture)

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

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

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

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

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

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

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

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

SPECIAL PROVISION FOR EMULSIFIED ASPHALTS

Effective: January 1, 2007
Revised: February 7, 2008

All references to Sections and Articles in this Special Provision shall be construed to mean specific Sections and Articles in the Standard Specifications for Road and Bridge Construction adopted by the Department of Transportation.

Replace the table after Note 2 in Article 403.02 with the following:

Type of Construction	Bituminous Materials Recommended for Weather Conditions Indicated	
	Warm [15 °C to 30 °C]* [(60 °F to 85 °F)]*	Hot [30 °C Plus]* [(85 °F Plus)]*
Prime	MC-30, PEP	MC-30, PEP
Cover Coat and Seal Coat	RS-2, CRS-2, RC-800, RC-3000, MC-800, MC-3000, SC-3000, HFE-90, HFE-150, HFE-300, HFRS-2, PEA**	RS-2, CRS-2, RC-800, RC-3000, MC-800, MC-3000, SC-3000, PG46-28, PG52-28, HFE-90, HFE-150, HFE-300, HFRS-2, PEA**

* Temperature of the air in the shade at the time of application.
** PEA is only allowed on roads with low traffic volumes

Replace the table after Note 2 in Article 406.02 with the following:

Type of Construction	Bituminous Materials Recommended
Prime (tack) on Brick, Concrete, or Bituminous Bases (Note 3)	SS-1, SS-1h, CSS-1, CSS-1h, HFE-90, RC-70
Prime on Aggregate Bases (Note 4)	MC-30, PEP
Mixture for Cracks, Joints, and Flangeways	PG58-22, PG64-22

Note 3. When emulsified asphalts are used, they shall be diluted with an equal volume of potable water. HFE emulsions shall be diluted by the manufacturer. The diluted material shall be thoroughly agitated within 24 hours of application and show no separation of water and emulsion. The diluted material shall not be returned to an approved emulsion storage tank.

Note 4. Preparation of the bituminous PEP shall be as specified in Article 403.05.

Replace the table in Article 1032.04 with the following:

Spraying Application Temperature Ranges		
Type and Grade of Bituminous Material	Temperature Ranges	
	°F min. - max.	°C min. - max.
PEP	60 - 130	15 - 55
PEA	140 - 190	60 -88
MC-30	85 - 190	30 - 90
MC-70, RC-70, SC-70	120 - 225	50 - 105
MC-250, SC-250	165 - 270	75 - 130
MC-800, SC-800	200 - 305	95 - 150
MC-3000, SC-3000	230 - 345	110 - 175
PG46-28	275 - 385	135 - 195
PG52-28	285 - 395	140 - 200
RS-2, CRS-2	110 - 160	45 - 70
SS-1, SS-1h, CSS-1, CSS-1h	75 - 130	25 - 55
SS-1hP, CSS-1hP	75 - 130	25 - 55
HFE-90, HFE-150, HFE-300	150 - 180	65 - 80
HFP, CRSP, HFRS-2	150 - 180	65 - 80
E-2	85 - 190	30 - 90
E-3	120 - 225	50 - 105
E-4	165 - 270	75 - 130

Add subparagraph (g) to Article 1032.06:

(g) Penetrating Emulsified Asphalt (PEA). The penetrating emulsified asphalt shall meet the following requirements when tested according to AASHTO T59:

Viscosity, Saybolt Fural @ 25°C (77°F),	sec:	20 - 500
Sieve Test, retained on 850 μm (No. 20) sieve, maximum,	%:	0.10
Storage Stability Test, 1 day, maximum,	%:	1
Float Test @ 60°C (140°F), minimum,	sec:	150
Stone Coating Test, 3 minutes,	:	Stone Coated Thoroughly
Particle Charge	:	Negative
pH, minimum	:	7.3
Distillation Test:		
Distillation to 260°C (500°F) Residue, minimum	%:	65
Oil Distillate by Volume, maximum	%:	3
Test on residue from distillation:		
Penetration @ 25°C (77°F), 100 g, 5 sec, minimum	dmm:	300

Replace the last sentence and table of Article 1032.06 with the following:

The different grades are, in general, used for the following.

Grade	Use
SS-1, SS-1h, CSS-1, CSS-1h, HFE 90, SS-1hP, CSS-1hP	Tack or fog seal
PEP	Bituminous surface treatment prime
RS-2, HFE 90, HFE 150, HFE 300, CRSP, HFP, CRS-2, HFRS-2, PEA	Bituminous surface treatment
CSS-1h Latex Modified	Microsurfacing

LaSalle County Prevailing Wage Rates posted on 8/15/2025

						Overtime										
Trade Title	**Rg**	**Type**	**C**	**Base**	**Foreman**	**M-F**	**Sa**	**Su**	**Hol**	**H/W**	**Pension**	**Vac**	**Trng**	**Other Ins**	**Add OT 1.5x owed**	**Add OT 2.0x owed**
ASBESTOS ABT-GEN	All	ALL		42.54	44.54	1.5	1.5	2.0	2.0	9.75	21.87	0.00	0.80	0.00	3.75	7.50
ASBESTOS ABT-MEC	All	BLD		42.02	45.38	1.5	1.5	2.0	2.0	16.44	16.64	0.00	0.92		3.37	6.73
BOILERMAKER	All	BLD		45.23	48.23	1.5	1.5	2.0	2.0	7.07	24.29	0.00	2.19	0.00	0.00	0.00
BRICK MASON	All	BLD		45.01	46.01	1.5	1.5	2.0	2.0	12.86	18.63	0.00	1.33	0.00	0.00	0.00
CARPENTER	All	BLD		39.00	42.90	1.5	1.5	2.0	2.0	12.26	24.36	0.00	0.89		0.00	0.00
CARPENTER	All	HWY		40.28	42.03	1.5	1.5	2.0	2.0	12.89	25.12	0.00	0.94	0.00	0.00	0.00
CEMENT MASON	All	ALL		43.35	47.69	1.5	1.5	2.0	2.0	13.38	22.46	0.00	0.80	0.00	0.00	0.00
CERAMIC TILE FINISHER	All	BLD		41.66		1.5	1.5	2.0	2.0	12.45	14.27	0.00	1.25	0.00	0.00	0.00
COMMUNICATION TECHNICIAN	All	BLD		46.00	50.60	1.5	1.5	2.0	2.0	17.54	18.15	0.00	0.75	2.37	0.00	0.00
ELECTRIC PWR EQMT OP	All	ALL		57.47	68.20	1.5	1.5	2.0	2.0	9.22	16.09	0.00	0.57		0.00	0.00
ELECTRIC PWR GRNDMAN	All	ALL		39.05	68.20	1.5	1.5	2.0	2.0	8.67	10.93	0.00	0.39	0.00	0.00	0.00
ELECTRIC PWR LINEMAN	All	ALL		63.97	68.20	1.5	1.5	2.0	2.0	9.42	17.91	0.00	0.64	0.00	0.00	0.00
ELECTRIC PWR TRK DRV	All	ALL		40.98	68.20	1.5	1.5	2.0	2.0	8.73	11.48	0.00	0.41	0.00	0.00	0.00
ELECTRICIAN	N	BLD		55.60	60.60	1.5	1.5	2.0	2.0	18.13	22.92	0.00	1.35	5.40	0.00	0.00
ELECTRICIAN	S	BLD		48.10	52.91	1.5	1.5	2.0	2.0	8.85	12.70	0.00	0.72	0.00	1.08	2.16
ELEVATOR CONSTRUCTOR	All	BLD		57.99	65.24	2.0	2.0	2.0	2.0	16.27	21.36	4.64	0.80		0.00	0.00
GLAZIER	All	BLD		41.24	43.24	1.5	1.5	1.5	2.0	15.87	11.51	0.00	1.40	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		56.02	59.38	1.5	1.5	2.0	2.0	16.44	19.88	0.00	0.92		4.99	9.97
IRON WORKER	All	ALL		49.40	54.34	2.0	2.0	2.0	2.0	14.61	26.15	0.00	1.10	0.00	0.00	0.00
LABORER	All	ALL		40.54	42.54	1.5	1.5	2.0	2.0	9.75	21.87	0.00	0.80	0.00	3.75	7.50
LABORER, SKILLED	All	ALL		40.54	42.54	1.5	1.5	2.0	2.0	9.75	21.87	0.00	0.80	0.00	3.75	7.50
LATHER	All	BLD		39.00	42.90	1.5	1.5	2.0	2.0	12.26	24.36	0.00	0.89		0.00	0.00
MACHINIST	All	BLD		60.39	64.39	1.5	1.5	2.0	2.0	11.43	9.95	1.85	1.47	0.00	0.00	0.00
MARBLE FINISHER	All	BLD		41.66		1.5	1.5	2.0	2.0	12.45	14.27	0.00	1.25	0.00	0.00	0.00
MARBLE MASON	All	BLD		45.01	46.01	1.5	1.5	2.0	2.0	12.45	15.90	0.00	1.30	0.00	0.00	0.00
MILLWRIGHT	All	BLD		51.09	56.20	1.5	1.5	2.0	2.0	12.53	20.25	0.00	0.83		0.00	0.00

LaSalle County Prevailing Wage Rates posted on 8/15/2025

MILLWRIGHT	All	HWY		51.09	56.20	1.5	1.5	2.0	2.0	12.53	20.25	0.00	0.83		0.00	0.00
OPERATING ENGINEER	All	BLD	1	63.00	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	2	61.70	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	3	59.15	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	4	57.40	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	5	65.00	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	6	66.00	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	7	64.00	67.00	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	1	63.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	2	62.45	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	3	60.40	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	4	59.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	5	57.80	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	6	66.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	7	64.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
PAINTER	All	ALL		42.40	44.40	1.5	1.5	1.5	2.0	15.45	12.00	0.00	1.50	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		46.76	52.53	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIVER	All	BLD		39.25	43.18	1.5	1.5	2.0	2.0	12.26	24.36	0.00	0.89		0.00	0.00
PILEDRIVER	All	HWY		41.28	43.03	1.5	1.5	2.0	2.0	12.89	25.12	0.00	0.94		0.00	0.00
PIPEFITTER	All	BLD		58.50	61.50	1.5	1.5	2.0	2.0	15.15	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		43.35	47.69	1.5	1.5	2.0	2.0	13.38	22.46	0.00	0.80	0.00	0.00	0.00
PLUMBER	All	BLD		60.50	64.15	1.5	1.5	2.0	2.0	19.10	17.94	0.00	1.98		0.00	0.00
ROOFER	All	BLD		39.50	42.00	1.5	1.5	2.0	2.0	12.20	14.61	0.00	0.67	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		50.36	53.89	1.5	1.5	2.0	2.0	12.42	24.15	0.00	1.34	0.00	0.00	0.00
SPRINKLER FITTER	All	BLD		50.51	53.76	1.5	1.5	2.0	2.0	12.40	17.31	0.00	0.54	0.00	0.00	0.00
STONE MASON	All	BLD		45.01	46.01	1.5	1.5	2.0	2.0	12.86	18.63	0.00	1.33	0.00	0.00	0.00
TERRAZZO FINISHER	All	BLD		41.66		1.5	1.5	2.0	2.0	12.45	14.27	0.00	1.25	0.00	0.00	0.00
TILE LAYER	All	BLD		39.00	42.90	1.5	1.5	2.0	2.0	12.26	24.36	0.00	0.89		0.00	0.00
TILE MASON	All	BLD		45.01	46.01	1.5	1.5	2.0	2.0	12.45	15.90	0.00	1.30	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	45.29	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00

LaSalle County Prevailing Wage Rates posted on 8/15/2025

TRUCK DRIVER	All	ALL	2	45.88	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	46.15	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	46.54	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	5	47.64	49.65	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	1	36.23	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	2	36.70	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	3	36.92	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	4	37.23	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	5	38.11	39.72	1.5	1.5	2.0	2.0	17.11	8.06	0.00	0.25	0.00	0.00	0.00
TUCKPOINTER	All	BLD		45.01	46.01	1.5	1.5	2.0	2.0	12.86	18.63	0.00	1.33	0.00	0.00	0.00

Legend

Rg Region
Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers
C Class
Base Base Wage Rate
OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.
OT Sa Overtime pay required for every hour worked on Saturdays
OT Su Overtime pay required for every hour worked on Sundays
OT Hol Overtime pay required for every hour worked on Holidays
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 LASALLE COUNTY

ELECTRICIANS (NORTH) - Townships of Mendota, Meriden, Earl, Adams, Troy Grove, Ophir, Northville, Freedom, Serena, Mission, Dimmick, Waltham, Wallace, Dayton, Rutland, Miller, Manlius, Peru, LaSalle, Utica, Ottawa, South Ottawa, Eden, Vermilion, Deer Park, Farm Ridge.

MILLWRIGHTS (EAST) - The Eastern 1/3 of the county (approx.).

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.

LaSalle County Prevailing Wage Rates posted on 8/15/2025

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.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

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, MARBLE FINISHER, TERRAZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

COMMUNICATIONS TECHNICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice, sound and vision production and reproduction, telephone and telephone interconnect, facsimile, equipment and appliances used for domestic, commercial, educational and entertainment purposes, pulling of wire through conduit but not the installation of conduit.

LABORER, SKILLED - BUILDING AND HIGHWAY

The skilled laborer building (BLD) and heavy & highway (HWY) classification shall encompass the following types of work, irrespective of the site of the work: flagging, caisson worker plus depth, gunnite nozzle men, lead man on sewer work, welders, cutter burners and torchmen, chain saw operator, paving breaker, jackhammer and drill operators, layout man and/or drainage tile layer, steel form setter - street and highway, air tamping hammerman, signal man on crane, concrete saw operator, concrete saw operator walk behind, screenman on asphalt pavers, front end man on chip spreader, laborers tending masons with hot material or where foreign materials are used, multiple concrete duct - leadman, luteman, asphalt raker, curb asphalt machine operator, ready mix scalemen (permanent, portable or temporary plant), laborers handling masterplate or similar materials, laser beam operator, coring machine operator, plaster tenders, underpinning and shoring of buildings, material selector when working with fire-brick or castable material, fire watch, signaling of all power equipment, tree topper or trimmer when in connection with construction, and diver tender.

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

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MATERIAL TESTER/INSPECTOR 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 ENGINEERS - BUILDING

Class 1. Mechanic; Asphalt Plant; Asphalt Spreader; Autograde; Backhoes w/Caisson attachment; Batch Plant; Benoto (require 2 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 Paver over 27E cu. ft.; Concrete Paver 27E cu.ft. and under; Concrete Placer; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes Hammerhead; 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; Lubrication Technician; Manipulators; Motor Patrol; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Squeeze Cretes - Screw Type Pumps; Gypsum Bulker and Pump; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tieback Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Brick Forklift servicing seven (7) or more Brick Masons; 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 Freight Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Hydro Excavating (excluding hose work); Laser Screed; Rock Drill (self-propelled); Non Self-Loading Ejection Dump; Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressors; Combination - Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators - (Rheostat Manual Controlled); Hoists, Inside Elevators; Hydraulic Power Units (Pile Driving and Extracting); Lowboys; Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Brick Forklift; Boom Trucks (Residential); Hoists, Inside Elevators push button with automatic doors; Oilers; Skidsteer Loaders; Vacuum Trucks (excluding hose work).

Class 5. Assistant Craft Foreman

Class 6. Mechanics and Welders

Class 7. Gradall

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; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete

Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower 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; Heavy Duty Self-Propelled Transporter or Prime Mover; Hoists, One, Two and Three Drum; Hydraulic Backhoes; Locomotives, All; Backhoes with Shear Attachments; 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; 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; Tractor with Boom; Tractaire with Attachments; Transfer Barrier Transfer Machine; Trenching Machine; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machine; 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; Forklifts; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster (requires 2 operators; one being Class 4); Hydro Excavating (excluding hose work); Laser Screed; Locomotives, Dinky; Oil Distributor; 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; Scraper - Prime Mover in Tandem; Tractors, Push, Pulling Sheeps Foot, Disc, Compactor, etc.; Tug Boats; Mechanic Welders working in permanent shop.

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.; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machine; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than asphalt; Seed and Straw Blower; Steam Generators; Stump Machine Heaters, Mechanical; Winch Trucks with "A" Frame; Work Boats; Tamper - Form - Motor Driven.

Class 4. Air Compressor; Brick Forklifts (Servicing Seven (7) or more Brick Masons; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Hydro-Blaster (requires 2 operators - one being class 2); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Tractaire; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Brick Forklifts; Oilers; Skidsteer Loaders (All).

Class 6. Field Mechanics and Field Welders.

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

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TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vactor trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.

Class 4. Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connectin with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

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.

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BDE SPECIAL PROVISIONS
For the August 1 and September 19, 2025 Lettings

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

File Name	#		Special Provision Title	Effective	Revised
80099	1	☐	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
80274	2	☐	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
80192	3	☐	Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
80173	4	☐	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
80426	5	☐	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
* 80241	6	☐	Bridge Demolition Debris	July 1, 2009	
* 5053I	7	☐	Building Removal	Sept. 1, 1990	Aug. 1, 2022
* 5026I	8	☐	Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
80460	9	☑	Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar	Jan. 1, 2025	
80384	10	☑	Compensable Delay Costs	June 2, 2017	April 1, 2019
* 80198	11	☐	Completion Date (via calendar days)	April 1, 2008	
* 80199	12	☐	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80461	13	☐	Concrete Barrier	Jan. 1, 2025	
80453	14	☐	Concrete Sealer	Nov. 1, 2023	
80261	15	☐	Construction Air Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2025
* 80029	16	☐	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2025
80467	17	☐	Erosion Control Blanket	Aug. 1, 2025	
80229	18	☐	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80452	19	☐	Full Lane Sealant Waterproofing System	Nov. 1, 2023	
80447	20	☐	Grading and Shaping Ditches	Jan. 1, 2023	
80433	21	☐	Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
80456	22	☑	Hot-Mix Asphalt	Jan. 1, 2024	Jan. 1, 2025
80446	23	☐	Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
80438	24	☐	Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
80450	25	☐	Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	Aug. 1, 2025
80464	26	☐	Pavement Marking Inspection	April. 1, 2025	
80468	27	☐	Pavement Patching	Aug. 1, 2025	
80441	28	☑	Performance Graded Asphalt Binder	Jan. 1, 2023	
80459	29	☐	Preformed Plastic Pavement Marking	June 2, 2024	
* 3426I	30	☐	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
80455	31	☑	Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
80445	32	☑	Seeding	Nov. 1, 2022	
80457	33	☐	Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
80462	34	☐	Sign Panels and Appurtenances	Jan. 1, 2025	April 1, 2025
80469	35	☐	Slope Wall	Aug. 1, 2025	
80448	36	☐	Source of Supply and Quality Requirements	Jan. 2, 2023	
80340	37	☐	Speed Display Trailer	April 2, 2014	Jan. 1, 2022
80127	38	☐	Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
80397	39	☐	Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	40	☐	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
80463	41	☐	Submission of Bidders List Information	Jan. 2, 2025	Mar. 2, 2025
80437	42	☐	Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
80435	43	☐	Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
80465	44	☐	Surveying Services	April 1, 2025	
80466	45	☐	Temporary Rumble Strips	April 1, 2025	
80470	46	☐	Traffic Signal Backplate	Aug. 1, 2025	
* 20338	47	☐	Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
80429	48	☐	Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
80439	49	☑	Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
80458	50	☐	Waterproofing Membrane System	Aug. 1, 2024	
80302	51	☐	Weekly DBE Trucking Reports	June 2, 2012	Jan. 2, 2025

	80454	52	☐	Wood Sign Support	Nov. 1, 2023	
	80427	53	☐	Work Zone Traffic Control Devices	Mar. 2, 2020	Jan. 1, 2025
*	80071	54	☑	Working Days	Jan. 1, 2002	

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

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

The following special provisions are in the 2025 Supplemental Specifications and Recurring Special Provisions.

File Name	Special Provision Title	New Location(s)	Effective	Revised
80434	Corrugated Plastic Pipe (Culvert and Storm Sewer)	Articles 542.03, 550.03, 1040.03, 1040.04(b), 1040.04(d) & 1040.08	Jan. 1, 2021	
80443	High Tension Cable Median Barrier Removal	Section 632	April 1, 2022	
80045	Material Transfer Device	Articles 406.03, 406.06(f), 406.13(b), 406.14 & 1102.02	Nov 15, 1999	Jan. 1, 2022
80410	Traffic Spotters	Article 701.13	Jan. 1, 2019	

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

Effective: January 1, 2025

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

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

Revise Article 302.02 of the Standard Specifications to read:

"**302.02 Materials.** Materials shall be according to the following.

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

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

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

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

"(c) Cement .....1001"

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

"(i) Ground Granulated Blast Furnace (GGBF) Slag .....1010"

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

"**312.09 Proportioning and Mix Design.** At least 60 days prior to start of placing CAM II, the Contractor shall submit samples of materials to be used in the work for proportioning and testing.

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

Revise Article 352.02 of the Standard Specifications to read:

"**352.02 Materials.** Materials shall be according to the following.

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

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

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

Revise Article 404.02 of the Standard Specifications to read:

"**404.02 Materials.** Materials shall be according to the following.

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

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

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

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

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

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

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

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

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

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

Revise Article 583.01 of the Standard Specifications to read:

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

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

"(a) Cement .....1001"

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

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

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

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

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

"The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($Na_2O + 0.658K_2O$) of 0.90 percent or greater."

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

"The ASTM C 1293 test shall be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($Na_2O + 0.658K_2O$) of 0.80 percent or greater."

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

"The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($Na_2O + 0.658K_2O$) of 0.90 percent or greater."

Revise Article 1017.01 of the Standard Specifications to read:

"**1017.01 Requirements.** The mortar shall be high-strength according to ASTM C 387 and shall have a minimum 80.0 percent relative dynamic modulus of elasticity when tested by the Department according to Illinois Modified AASHTO T 161 or AASHTO T 161 when tested by an independent lab. The high-strength mortar shall have a water-soluble chloride ion content of less than 0.40 lb/cu yd (0.24 kg/cu m). The test shall be performed according to ASTM C 1218, and the high-strength mortar shall have an age of 28 to 42 days at the time of test. The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. Mixing of the high-strength mortar shall be according to the manufacturer's specifications. The Department will maintain a qualified product list."

Revise the fourth sentence of Article 1018.01 of the Standard Specifications to read:

"The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department."

Revise Article 1019.02 of the Standard Specifications to read:

"**1019.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002

(c) Fine Aggregate for Controlled Low-Strength Material (CLSM) 1003.06
(d) Fly Ash 1010
(e) Ground Granulated Blast Furnace (GGBF) Slag 1010
(f) Admixtures (Note 1)

Note 1. The air-entraining admixture may be in powder or liquid form. Prior to approval, a CLSM air-entraining admixture will be evaluated by the Department. The admixture shall be able to meet the air content requirements of Mix 2. The Department will maintain a qualified product list."

Revise Article 1019.05 of the Standard Specifications to read:

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

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

Mix 2	
Cement	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (173-248 L)
Air Content	15-25 %

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

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

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

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

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

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

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

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

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

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

Revise the third sentence of the second paragraph of Article 1020.05(b)(5) of the Standard Specifications to read:

"The qualified product lists of concrete admixtures shall not apply."

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

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

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

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

"c. The minimum portland cement content in the mixture shall be 375 lbs/cu yd (222 kg/cu m). When the total of organic processing additions, inorganic processing additions, and limestone addition exceed 5.0 percent in the cement, the minimum portland cement content in the mixture shall be 400 lbs/cu yd (237 kg/cu m). For a drilled shaft, foundation, footing, or substructure, the

minimum portland cement may be reduced to as low as 330 lbs/cu yd (196 kg/cu m) if the concrete has adequate freeze/thaw durability. The Contractor shall provide freeze/thaw test results according to AASHTO T 161, and the relative dynamic modulus of elasticity of the mix design shall be a minimum of 80 percent. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. Freeze/thaw testing will not be required for concrete that will not be exposed to freezing and thawing conditions as determined by the Engineer."

Revise Article 1021.01 of the Standard Specifications to read:

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

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

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

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

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

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

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

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

Revise Article 1021.03 of the Standard Specifications to read:

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

(a) Retarding admixtures shall be according to AASHTO M 194, Type B (retarding) or Type D (water-reducing and retarding).

(b) Water-reducing admixtures shall be according to AASHTO M 194, Type A.

(c) High range water-reducing admixtures shall be according to AASHTO M 194, Type F (high range water-reducing) or Type G (high range water-reducing and retarding)."

Revise Article 1021.05 of the Standard Specifications to read:

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

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

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

Revise Article 1021.06 of the Standard Specifications to read:

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

Revise Article 1021.07 of the Standard Specifications to read:

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

(a) Calcium Nitrite. Corrosion inhibitors shall contain a minimum 30 percent calcium nitrite by weight (mass) of solution and shall comply with either the requirements of AASHTO M 194, Type C (accelerating) or the requirements of ASTM C 1582. The corrosion inhibiting performance requirements of ASTM C 1582 shall not apply.

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

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

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

Add Article 1021.08 of the Standard Specifications as follows:

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

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

Revise Article 1024.01 of the Standard Specifications to read:

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

Materials for the grout shall be according to the following.

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

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

"Note 1. Nonshrink grout shall be according to Illinois Modified ASTM C 1107.

The nonshrink grout shall have a water-soluble chloride ion content of less than 0.40 lb/cu yd (0.24 kg/cu m). The test shall be performed according to ASTM C 1218, and the grout shall have an age of 28 to 42 days at the time of test. The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. Mixing of the nonshrink grout shall be according to the manufacturer's specifications. The Department will maintain a qualified product list."

Revise Article 1029.02 of the Standard Specifications to read:

"**1029.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Fly Ash	1010
(c) Ground Granulated Blast Furnace (GGBF) Slag	1010
(d) Water	1002
(e) Fine Aggregate	1003
(f) Concrete Admixtures	1021
(g) Foaming Agent (Note 1)	

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

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

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

Revise the first two sections of Check Sheet #11 of the Supplemental Specifications and Recurring Special Provisions to read:

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

Materials. Materials shall be according to the following Articles of Division 1000 - Materials of the Standard Specifications:

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

Revise the third paragraph of Materials Note 2 of Check Sheet #28 of the Supplemental Specifications and Recurring Special Provisions to read:

"The Department will maintain a qualified product list of synthetic fibers, which will include the minimum required dosage rate. For the minimum required fiber dosage rate based on the Illinois Modified ASTM C 1609 test, a report prepared by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete shall be provided. The report shall show results of tests conducted no more than five years prior to the time of submittal."

80460

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017
Revised: April 1, 2019

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(1) When adverse weather prevents work on the controlling item.

(2) When job conditions due to recent weather prevent work on the controlling item.

(3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.

(4) When delays caused by utility or railroad adjustments prevent work on the controlling item.

(5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.

(6) When any condition over which the Contractor has no control prevents work on the controlling item."

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

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

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

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

Add the following to Section 109 of the Standard Specifications.

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

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

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

(a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.

(b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.

(1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

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

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

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

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

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

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

80384

HOT-MIX ASPHALT (BDE)

Effective: January 1, 2024
Revised: January 1, 2025

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

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

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

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

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

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

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

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

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

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

"Production is not required to stop after a test strip has been constructed."

80456

PERFORMANCE GRADED ASPHALT BINDER (BDE)

Effective: January 1, 2023

Revise Article 1032.05 of the Standard Specifications to read:

"**1032.05 Performance Graded Asphalt Binder.** These materials will be accepted according to the Bureau of Materials Policy Memorandum, "Performance Graded Asphalt Binder Qualification Procedure." The Department will maintain a qualified producer list. These materials shall be free from water and shall not foam when heated to any temperature below the actual flash point. Air blown asphalt, recycle engine oil bottoms (ReOB), and polyphosphoric acid (PPA) modification shall not be used.

When requested, producers shall provide the Engineer with viscosity/temperature relationships for the performance graded asphalt binders delivered and incorporated in the work.

(a) Performance Graded (PG) Asphalt Binder. The asphalt binder shall meet the requirements of AASHTO M 320, Table 1 "Standard Specification for Performance Graded Asphalt Binder" for the grade shown on the plans and the following.

Test	Parameter
Small Strain Parameter (AASHTO PP 113) BBR, ΔTc, 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	-5 °C min.

(b) Modified Performance Graded (PG) Asphalt Binder. The asphalt binder shall meet the requirements of AASHTO M 320, Table 1 "Standard Specification for Performance Graded Asphalt Binder" for the grade shown on the plans.

Asphalt binder modification shall be performed at the source, as defined in the Bureau of Materials Policy Memorandum, "Performance Graded Asphalt Binder Qualification Procedure."

Modified asphalt binder shall be safe to handle at asphalt binder production and storage temperatures or HMA construction temperatures. Safety Data Sheets (SDS) shall be provided for all asphalt modifiers.

(1) Polymer Modification (SB/SBS or SBR). Elastomers shall be added to the base asphalt binder to achieve the specified performance grade and shall be either a styrene-butadiene diblock, triblock copolymer without oil extension, or a styrene-butadiene rubber. The polymer modified asphalt binder shall be smooth, homogeneous, and be according to the requirements shown in Table 1 or 2 for the grade shown on the plans.

Table 1 - Requirements for Styrene-Butadiene Copolymer (SB/SBS) Modified Asphalt Binders		
Test	Asphalt Grade SB/SBS PG 64-28 SB/SBS PG 70-22	Asphalt Grade SB/SBS PG 64-34 SB/SBS PG 70-28 SB/SBS PG 76-22 SB/SBS PG 76-28
Separation of Polymer ITP, "Separation of Polymer from Asphalt Binder" Difference in °F (°C) of the softening point between top and bottom portions	4 (2) max.	4 (2) max.
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	60 min.	70 min.

Table 2 - Requirements for Styrene-Butadiene Rubber (SBR) Modified Asphalt Binders		
Test	Asphalt Grade SBR PG 64-28 SBR PG 70-22	Asphalt Grade SB/SBS PG 64-34 SB/SBS PG 70-28 SBR PG 76-22 SBR PG 76-28
Separation of Polymer ITP, "Separation of Polymer from Asphalt Binder" Difference in °F (°C) of the softening point between top and bottom portions	4 (2) max.	4 (2) max.
Toughness ASTM D 5801, 77 °F (25 °C), 20 in./min. (500 mm/min.), in.-lbs (N-m)	110 (12.5) min.	110 (12.5) min.
Tenacity ASTM D 5801, 77 °F (25 °C), 20 in./min. (500 mm/min.), in.-lbs (N-m)	75 (8.5) min.	75 (8.5) min.
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	40 min.	50 min.

(2) Ground Tire Rubber (GTR) Modification. GTR modification is the addition of recycled ground tire rubber to liquid asphalt binder to achieve the specified performance grade. GTR shall be produced from processing automobile and/or truck tires by the ambient

grinding method or micronizing through a cryogenic process. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall not contain free metal particles, moisture that would cause foaming of the asphalt, or other foreign materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois Modified AASHTO T 27 "Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates" or AASHTO PP 74 "Standard Practice for Determination of Size and Shape of Glass Beads Used in Traffic Markings by Means of Computerized Optical Method", a 50 g sample of the GTR shall conform to the following gradation requirements.

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

GTR modified asphalt binder shall be tested for rotational viscosity according to AASHTO T 316 using spindle S27. GTR modified asphalt binder shall be tested for original dynamic shear and RTFO dynamic shear according to AASHTO T 315 using a gap of 2 mm.

The GTR modified asphalt binder shall meet the requirements of Table 3.

Table 3 - Requirements for Ground Tire Rubber (GTR) Modified Asphalt Binders		
Test	Asphalt Grade GTR PG 64-28 GTR PG 70-22	Asphalt Grade GTR PG 76-22 GTR PG 76-28 GTR PG 70-28
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	60 min.	70 min.

(3) Softener Modification (SM). Softener modification is the addition of organic compounds, such as engineered flux, bio-oil blends, modified vegetable oils, glycol amines, and fatty acid derivatives, to the base asphalt binder to achieve the specified performance grade. Softeners shall be dissolved, dispersed, or reacted in the asphalt binder to enhance its performance and shall remain compatible with the asphalt binder with no separation. Softeners shall not be added to modified PG asphalt binder as defined in Articles 1032.05(b)(1) or 1032.05(b)(2).

An Attenuated Total Reflectance-Fourier Transform Infrared spectrum (ATR-FTIR) shall be collected for both the softening compound as well as the softener modified

asphalt binder at the dose intended for qualification. The ATR-FTIR spectra shall be collected on unaged softener modified binder, 20-hour Pressurized Aging Vessel (PAV) aged softener modified binder, and 40-hour PAV aged softener modified binder. The ATR-FTIR shall be collected in accordance with Illinois Test Procedure 601. The electronic files spectral files (in one of the following extensions or equivalent: *.SPA, *.SPG, *.IRD, *.IFG, *.CSV, *.SP, *.IRS, *.GAML, *.[0-9], *.IGM, *.ABS, *.DRT, *.SBM, *.RAS) shall be submitted to the Central Bureau of Materials.

Softener modified asphalt binders shall meet the requirements in Table 4.

Table 4 - Requirements for Softener Modified Asphalt Binders	
Test	Asphalt Grade SM PG 46-28 SM PG 46-34 SM PG 52-28 SM PG 52-34 SM PG 58-22 SM PG 58-28 SM PG 64-22
Small Strain Parameter (AASHTO PP 113) BBR, ΔTc, 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	-5°C min.
Large Strain Parameter (Illinois Modified AASHTO T 391) DSR/LAS Fatigue Property, Δ|G*|peak τ, 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	≥ 54 %

The following grades may be specified as tack coats.

Asphalt Grade	Use
PG 58-22, PG 58-28, PG 64-22	Tack Coat”

Revise Article 1031.06(c)(1) and 1031.06(c)(2) of the Standard Specifications to read:

“(1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin ABR shall not exceed the amounts listed in the following table.

HMA Mixtures - RAP/RAS Maximum ABR % 1/ 2/			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface 3/
30	30	30	10
50	25	15	10
70	15	10	10
90	10	10	10

1/ For Low ESAL HMA shoulder and stabilized subbase, the RAP/RAS ABR shall not exceed 50 percent of the mixture.

2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

3/ The maximum ABR percentages for ground tire rubber (GTR) modified mixes shall be equivalent to the percentages specified for SBS/SBR polymer modified mixes.

(2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the following table.

HMA Mixtures - FRAP/RAS Maximum ABR % 1/ 2/			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface 3/
30	55	45	15
50	45	40	15
70	45	35	15
90	45	35	15
SMA	- -	- -	25
IL-4.75	- -	- -	35

1/ For Low ESAL HMA shoulder and stabilized subbase, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.

2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

3/ The maximum ABR percentages for GTR modified mixes shall be equivalent to the percentages specified for SBS/SBR polymer modified mixes."

Add the following to the end of Note 2 of Article 1030.03 of the Standard Specifications.

"A dedicated storage tank for the ground tire rubber (GTR) modified asphalt binder shall be provided. This tank shall be capable of providing continuous mechanical mixing throughout and/or recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ±0.40 percent."

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2024
Revised: April 1, 2024

Revise the first paragraph of Article 669.04 of the Standard Specifications to read:

"**669.04 Regulated Substances Monitoring.** Regulated substances monitoring includes environmental observation and field screening during regulated substances management activities. The excavated soil and groundwater within the work areas shall be managed as either uncontaminated soil, hazardous waste, special waste, or non-special waste.

As part of the regulated substances monitoring, the monitoring personnel shall perform and document the applicable duties listed on form BDE 2732 "Regulated Substances Monitoring Daily Record (RSMDR)"."

Revise the first two sentences of the nineteenth paragraph of Article 669.05 of the Standard Specifications to read:

"The Contractor shall coordinate waste disposal approvals with the disposal facility and provide the specific analytical testing requirements of that facility. The Contractor shall make all arrangements for collection, transportation, and analysis of landfill acceptance testing."

Revise the last paragraph of Article 669.05 of the Standard Specifications to read:

"The Contractor shall select a permitted landfill facility or CCDD/USFO facility meeting the requirements of 35 Ill. Admin. Code Parts 810-814 or Part 1100, respectively. The Department will review and approve or reject the facility proposed by the Contractor based upon information provided in BDE 2730. The Contractor shall verify whether the selected facility is compliant with those applicable standards as mandated by their permit and whether the facility is presently, has previously been, or has never been, on the United States Environmental Protection Agency (U.S. EPA) National Priorities List or the Resource Conservation and Recovery Act (RCRA) List of Violating Facilities. The use of a Contractor selected facility shall in no manner delay the construction schedule or alter the Contractor's responsibilities as set forth."

Revise the first paragraph of Article 669.07 of the Standard Specifications to read:

"**669.07 Temporary Staging.** Soil classified according to Articles 669.05(a)(2), (b)(1), or (c) may be temporarily staged at the Contractor's option. All other soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) shall be managed and disposed of without temporary staging to the greatest extent practicable. If circumstances beyond the Contractor's control require temporary staging of these latter materials, the Contractor shall request approval from the Engineer in writing.

Topsoil for re-use as final cover which has been field screened and found not to exhibit PID readings over daily background readings as documented on the BDE 2732, visual staining or

odors, and is classified according to Articles 669.05(a)(2), (a)(3), (a)(4), (b)(1), or (c) may be temporarily staged at the Contractor's option."

Add the following paragraph after the sixth paragraph of Article 669.11 of the Standard Specifications.

"The sampling and testing of effluent water derived from dewatering discharges for priority pollutants volatile organic compounds (VOCs), priority pollutants semi-volatile organic compounds (SVOCs), or priority pollutants metals, will be paid for at the contract unit price per each for VOCS GROUNDWATER ANALYSIS using EPA Method 8260B, SVOCS GROUNDWATER ANALYSIS using EPA Method 8270C, or RCRA METALS GROUNDWATER ANALYSIS using EPA Methods 6010B and 7471A. This price shall include transporting the sample from the job site to the laboratory."

Revise the first sentence of the eight paragraph of Article 669.11 of the Standard Specifications to read:

"Payment for temporary staging of soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) to be managed and disposed of, if required and approved by the Engineer, will be paid according to Article 109.04."

80455

SEEDING (BDE)

Effective: November 1, 2022

Revise Article 250.07 of the Standard Specifications to read:

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

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

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

Class – Type		Seeds	lb/acre (kg/hectare)
4	Native Grass 2/ 6/	*Andropogon gerardi* (Big Blue Stem) 5/	4 (4)
		Schizachyrium scoparium (Little Blue Stem) 5/	5 (5)
		Bouteloua curtipendula (Side-Oats Grama) 5/	5 (5)
		Elymus canadensis (Canada Wild Rye) 5/	1 (1)
		Panicum virgatum (Switch Grass) 5/	1 (1)
		Sorghastrum nutans (Indian Grass) 5/	2 (2)
		Annual Ryegrass	25 (25)
		Oats, Spring	25 (25)
		Perennial Ryegrass	15 (15)
4A	Low Profile Native Grass 2/ 6/	*Schizachyrium scoparium* (Little Blue Stem) 5/	5 (5)
		Bouteloua curtipendula (Side-Oats Grama) 5/	5 (5)
		Elymus canadensis (Canada Wild Rye) 5/	1 (1)
		Sporobolus heterolepis (Prairie Dropseed) 5/	0.5 (0.5)
		Annual Ryegrass	25 (25)
		Oats, Spring	25 (25)
		Perennial Ryegrass	15 (15)
4B	Wetland Grass and Sedge Mixture 2/ 6/	Annual Ryegrass	25 (25)
		Oats, Spring	25 (25)
		Wetland Grasses (species below) 5/	6 (6)

Species:	% By Weight
Calamagrostis canadensis (Blue Joint Grass)	12
Carex lacustris (Lake-Bank Sedge)	6
Carex slipata (Awl-Fruited Sedge)	6
Carex stricta (Tussock Sedge)	6
Carex vulpinoidea (Fox Sedge)	6
Eleocharis acicularis (Needle Spike Rush)	3
Eleocharis obtusa (Blunt Spike Rush)	3
Glyceria striata (Fowl Manna Grass)	14
Juncus effusus (Common Rush)	6
Juncus tenuis (Slender Rush)	6
Juncus torreyi (Torrey's Rush)	6
Leersia oryzoides (Rice Cut Grass)	10
Scirpus acutus (Hard-Stemmed Bulrush)	3
Scirpus atrovirens (Dark Green Rush)	3
Bolboschoenus fluviatilis (River Bulrush)	3
Schoenoplectus tabernaemontani (Softstem Bulrush)	3
Spartina pectinata (Cord Grass)	4

Class – Type		Seeds	lb/acre (kg/hectare)
5	Forb with Annuals Mixture 2/ 5/ 6/	Annuals Mixture (Below) Forb Mixture (Below)	1 (1) 10 (10)

Annuals Mixture - Mixture not exceeding 25 % by weight of any one species, of the following:

Coreopsis lanceolata (Sand Coreopsis)
Leucanthemum maximum (Shasta Daisy)
Gaillardia pulchella (Blanket Flower)
Ratibida columnifera (Prairie Coneflower)
Rudbeckia hirta (Black-Eyed Susan)

Forb Mixture - Mixture not exceeding 5 % by weight PLS of any one species, of the following:

Amorpha canescens (Lead Plant) 4/
Anemone cylindrica (Thimble Weed)
Asclepias tuberosa (Butterfly Weed)
Aster azureus (Sky Blue Aster)
Symphyotrichum leave (Smooth Aster)
Aster novae-angliae (New England Aster)
Baptisia leucantha (White Wild Indigo) 4/
Coreopsis palmata (Prairie Coreopsis)
Echinacea pallida (Pale Purple Coneflower)
Eryngium yuccifolium (Rattlesnake Master)
Helianthus mollis (Downy Sunflower)
Heliopsis helianthoides (Ox-Eye)
Liatris aspera (Rough Blazing Star)
Liatris pycnostachya (Prairie Blazing Star)
Monarda fistulosa (Prairie Bergamot)
Parthenium integrifolium (Wild Quinine)
Dalea candida (White Prairie Clover) 4/
Dalea purpurea (Purple Prairie Clover) 4/
Physostegia virginiana (False Dragonhead)
Potentilla arguta (Prairie Cinquefoil)
Ratibida pinnata (Yellow Coneflower)
Rudbeckia subtomentosa (Fragrant Coneflower)
Silphium laciniatum (Compass Plant)
Silphium terebinthinaceum (Prairie Dock)
Oligoneuron rigidum (Rigid Goldenrod)
Tradescantia ohiensis (Spiderwort)
Veronicastrum virginicum (Culver's Root)

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

Notes:

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

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

80445

VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)

Effective: November 1, 2021
Revised: November 1, 2022

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

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

80439

WORKING DAYS (BDE)

Effective: January 1, 2002

The Contractor shall complete the work within 60 working days.

80071

SPECIAL PROVISIONS
MALCOLM, CREVE COEUR & GUNN AVENUE
EMERGENCY WATER MAIN REPLACEMENTS - 2025

The following Special Provisions supplement the "Standard Specifications for the Road and Bridge Construction", adopted January 1, 2022, (hereinafter referred to as the Standard Specifications); the "Manual of Test Procedures for Materials" in effect on the date of the invitation for bids; the "Standard Specifications for Water and Sewer Main Construction in Illinois", Latest edition; and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein apply to and govern the construction of this project and in case of conflict with any part or parts of said specifications, the said special provisions shall take precedence and shall govern.

JURISDICTION

Jurisdiction of this improvement will be vested in the Mayor and City Council of the City of La Salle, La Salle County, Illinois. The City of La Salle City Engineer is the duly authorized Engineer for this construction.

SCOPE OF WORK

This project shall consist of the installation of 1527' of 6" PVC Water Main, 3 Fire Hydrants, 10 Tees, 7 Valves, 21 Water Service Line Installations, 17 Water Main Bends, 76' of Water Main Casing, 116' of Water Quality Storm Sewer, 43 SY Driveway Replacement, 480' Concrete Curb & Gutter R & R, 989 SY of Pavement Replacement, including all other work as further described in the plans and specifications for said work prepared by the City of La Salle.

BASE BID/ALTERNATE BID

This project will have a Base Bid, which includes all work necessary for water main installation, including pavement patching and an Alternate Bid for pavement resurfacing in lieu of patching within the project limits. Contractor shall submit both the Base Bid and Alternate Bid. Bids will be reviewed for reward as a Base Bid and/or Combined Bid. Alternate Bid will not be awarded separately. The City of La Salle reserves the right to reject any or all Bids or to waive any informalities in the bidding.

EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS AND SITE OF WORK

The bidder shall comply with Section 2-3 of the Standard Specifications for Water and Sewer Construction in Illinois, Current Edition relative to examination of plans, specifications, special provisions, and site of work and hereby is advised that due to the nature of the contract, he should place special emphasis on inspection in detail of the site of the proposed work and familiarization with all local conditions, traffic, and otherwise, affecting the contract and the detailed requirements for construction.

SUBMITTALS

The Contractor shall provide four (4) identical sets of submittal information to the Engineer for review and approval at least one (1) week prior to commencement of construction activities. Submittal information generally includes product information, catalog pages, manufacturer's instruction, product warranties, specifications, samples, shop drawings, and proposed substitutions. At a minimum, the following items shall require submittal to the Engineer:

- Project Schedule – The Contractor shall submit an initial project schedule. This schedule, along with percentage of completion, shall be revised and submitted along with each application for payment.
- Major Components – Specifications for all major components such as water main pipe & fittings, service line materials and fire hydrants.

If a substitution is proposed, materials or equipment of other supplies may be accepted by the Engineer if sufficient information is submitted by the Contractor to allow the Engineer to determine that the material or equipment proposed is equivalent or equal to that named. However, the burden of proof as to the type, function, and quality of any such substitute material or equipment shall reside with the Contractor.

COMPLETION DATE

The contract completion date of the Project shall be within 60 days of the start of construction. Liquidated Damages shall be in accordance with section 108.09 of the "Standard Specifications for Road and Bridge Construction".

PUBLIC CONSTRUCTION ACT, 30 ILCS 557/1

Public Construction Act 30 ILCS 557/1 shall be applicable to this contract.

WAGE RATES

This contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq*. ("the Act"). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the "prevailing rate of wages" (hourly cash wages plus fringe benefits) in the county where the work is performed. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor's website at https://labor.illinois.gov/content/dam/soi/en/web/idol/laws-rules/conmed/documents/fy26/20250815/La Salle.pdf.
All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage, notice and record keeping duties.

PREFERENCE TO VETERANS

Attention is called to assure compliance with Illinois Revised State Chapter 126 Section 23. Preference to veterans upon public works: "In the employment and appointment to fill positions in the construction, addition to, or alteration of all public works undertaken or contracted for by the state, or by any political subdivision thereof, preference shall be given to persons who were engaged in the military or naval service of the United States in time of war.

GUARANTEE

All materials and equipment shall be guaranteed for a period of one (1) year from the date of acceptance by the City. Upon receipt of notice from the City of failure of any part of the system during the guarantee period, new replacement parts shall be furnished and installed by the Contractor at no additional cost to the City of La Salle.

INSURANCE COVERAGE

In accordance with Section 107 "Legal Regulations and Responsibility to the Public", IDOT Standard Specifications for Road and Bridge Construction, adopted January 1, 2022, the contractor must obtain a Certificate of Insurance for "General Public Liability and Property Damage Insurance" naming the City of LaSalle and The City of LaSalle Employees as additionally insured. This certificate is to be issued to the City Engineer for approval prior to the start of construction (or within 10 days after execution of the contract). This certificate is in addition to any company policies the contractor may have.

TRAFFIC CONTROL

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

Special attention is called to Articles 107.09 and 107.14 of the Standard Specifications for Road and Bridge Construction and the following Highway Standards relating to traffic control:

701006 701301 701801 701901

The Contractor shall obtain, erect, maintain, and remove all signs, barricades, flagmen, and other traffic control devices as may be necessary for the purpose of regulating, warning or guiding traffic. Placement and maintenance of all traffic control devices shall be in accordance with the applicable parts of Article 107.14 of the Standard Specifications and the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways and the attached special provisions.

If the contract does not include a pay item for Traffic Control and Protection, it will be considered incidental to the contract.

STORM WATER POLLUTION PREVENTION PLAN

During the course of the construction, the Contractor must comply with the National Pollution Discharge Elimination System Storm Water Rules and Regulations. Contactor must comply with these regulations and any other rules set forth by the USEPA and IEPA including required inspections, maintenances and reporting. This work will not be paid for separately but shall be considered incidental to the contract.

DUST CONTROL

The contractor shall be responsible for controlling the dust and air-borne dirt generated by his/her construction activities.

The implementation of dust control procedures shall be required if wind and dry soil conditions reduce visibility on adjacent roads and property. Concerns for health and safety to the public using adjacent facilities will be grounds for the implementation of a dust control plan. When circumstances warrant, a specific dust control plan shall be developed. The contractor and the engineer shall review the nature and extent of dust generating activities and cooperatively develop specific types of control techniques appropriated to that specific situation. Sample techniques that may warrant consideration include such measures as:

1. Minimize track out of soil onto nearby publicly traveled roads.
2. Reduce vehicle speed on unpaved surfaces.
3. Cover haul vehicles.
4. Apply chemical dust suppressants or water to exposed surfaces, particularly to surfaces on which construction vehicles travel.

Dust control measures, as directed by the engineer, shall be readily available for use on the project site. The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed.

AS-BUILT DRAWINGS

The contractor will be responsible for providing one copy of red-lined drawings showing field lengths, rim and invert elevations and locations for all appurtenances installed as part of this contract. Distances should be given to each utility item from existing visible landmarks (surface) identified on the design plans for this project. This work shall not be paid for separately but shall be incidental to the contract.

ESTIMATED BUDGET

The City of La Salle has a projected budget for the construction of this project. It is recognized that the cost to complete the work within these special provisions and the contract documents may vary from the budgeted amount. Bidders are hereby notified that the City of La Salle reserves the right to add or delete line items at its sole discretion to keep the construction cost near the estimated budget. It shall be understood and agreed that the contract unit prices shall prevail regardless of changes to the contract quantities which may be made subsequent

to the contract award. By submitting a bid, the successful bidder agrees to be bound by said unit prices and will not make claims for adjustments due to work which may be added or deleted from the project.

SAW CUT JOINTS

The removal and/or replacement of any driveways, pavement, curb, sidewalk, etc. shall be accomplished by means of a saw cut joint, at the direction of the Engineer. This work will not be paid for separately, but shall be included in the unit price bid for the various items.

MATERIALS

All materials used in construction will be certified as to type and quantity by ticket, invoice or other written means from the source of supply, and a copy of such supplied to the Engineer upon delivery of the material. All materials to be used shall be submitted for approval to the engineer prior to beginning of construction. No work shall begin until approval for materials is obtained from the engineer.

STORAGE OF MATERIAL AND EQUIPMENT

At no time shall the Contractor store material and equipment in areas other than specified by the Engineer. Any damage to sidewalks, curbs and parkways not scheduled for replacement under this contract, due to the negligence of the Contractor, shall be restored by the Contractor at his own expense.

The Contractor shall maintain, during the entire construction period, barricades and warning lights at all material storage areas and around construction equipment if located near traffic areas.

EXISTING UTILITIES

The Contractor shall call JULIE at telephone number (800) 892-0123 for location of underground public utilities prior to beginning of construction so that buried services in the locations of the construction may be located and staked out. Where adjustments of the utility frames or removal of utilities are necessary, the Contractor shall contact the respective utility company and make arrangements for their adjustment or removal.

The Contractor shall also notify the City of La Salle, Water Department, prior to the start of construction at any location. Any damage by the Contractor to the water and sewer services shall be repaired or replaced by the Contractor at his expense. Contractor shall avoid operating heavy equipment and/or trucks directly over water valves and shutoffs.

The Contractor shall make his own investigation to determine the existence, nature, and location of all utility lines and appurtenances within the limits of the improvement.

The Contractor shall be held responsible for any damage to existing utility lines and appurtenances resulting from the operations of his equipment or workers. The Contractor shall, at his own expense, restore the damaged utility line or appurtenances to a condition equal to that existing before such damage was done by repairing, rebuilding, or replacing it as directed by the Engineer in accordance with the applicable provisions of Section 107.31 of the Standard Specifications. No extra compensation will be allowed to the Contractor for any expense incurred because of delays, inconveniences, or interruptions to his work resulting from compliance with the above requirements.

WORK HOURS

The following work hours shall be kept unless written permission is received from the City of La Salle. The Contractor may prosecute work between the hours of 7:00 a.m. and dusk each workday. However, no work will be permitted between dusk and 7:00 a.m., on Sundays, or on holidays, without prior written permission of the City of La Salle.

PAYMENTS TO CONTRACTOR

Payments shall be made monthly. Pay requests need to be submitted to the City Engineer four (4) days prior to a City Council meeting, which are posted on the City's website. Contractor shall submit Partial Lien Waivers for all sub-contractors and suppliers for each pay request and Final Lien Waivers for final Pay Request.

RE-STOCKING FEES & LEFTOVER MATERIALS

Any leftover materials not used in the Work, at the completion of the project, shall be removed from the site by the Contractor at no additional cost to the City of La Salle.

The Contractor shall be responsible for the payment of any re-stocking fee associated with the return of an item.

In no case shall the City of La Salle be responsible to reimburse the Contractor for re-stocking fee or excess materials that cannot be returned to the supplier.

VIDEO RECORDING CONSTRUCTION SITE

Prior to the start of any construction, the contractor shall video record the area of the construction route. The video recording shall be supplied on a DVD-ROM Disc or thumb drive, for playback on a standard DVD player and/or computer and viewing on a television or computer. The contractor shall supply the engineer with two copies of the DVD/thumb drive prior to starting construction.

The contractor shall also narrate the video recording with reference to the location (station) the video recording is being produced from. The video recordings shall also supply a continuous audio record of the location, all anticipated problem areas, items, and features for the complete area to be affected by the construction.

The format of recording and type of recording used shall remain the same throughout the project. The video recording shall produce a clear, stable image with a resolution of not less than 1080p. When the recorded information is replayed and reviewed, it shall be free of electrical interference.

The audio portion of the composite signal shall be sufficiently free of electrical interference, background noise, and heavy foreign or regional accents to provide an oral report that is clear and complete and easily discernible. The audio portion of the video recording report shall be recorded by the operating technician as they are being produced and shall include references to the street address and type of construction to be performed at the site as specified in the plans. Audio comments pertaining to special circumstances, which may arise during the excavation, shall also be included. Dubbing the audio information onto the video tract after the video recording is completed will not be permitted.

The cost of video recording and log preparation shall not be compensated for separately but shall be considered incidental to the contract.

PUBLIC AND RESIDENT NOTIFICATION

If the Contractor is required to shutoff existing utility service (i.e., water, sanitary, power, communications, and gas) for any reason during the course of this project, the Contractor shall provide 24 hour advance written notice to: 1) the City of La Salle of the scheduled work, 2) those residents with connections to the utility sections affected by the work, and 3) any other residents or business that may potentially be adversely affected by the construction operations. The notification shall be of a form and method as approved by the City of La Salle.

PERMITS

The Contractor is hereby notified that permits will be secured by the City of La Salle. The Contractor shall not begin work until permits are secured. The Contractor will be responsible for completing all work in accordance with the requirement set forth in those permits, as well as the provisions of this contract. Any costs associated

with insurance and bonding requirements for these agencies will not be paid separately but will be considered incidental to the contract.

TREE PRESERVATION

The contractor shall note the existing trees and bushes to remain within the project area. Any potential conflicts with existing vegetation shall be brought to the engineer's attention for resolution. The contractor shall be responsible for protecting trees and bushes and to minimize the potential for damage to these. Trees or bushes determined by the City of La Salle to be sufficiently damaged by the contractor's work shall be replaced to the satisfaction of the City of La Salle without any additional compensation. Species and sizes of replacement trees and/or bushes shall be as similar as possible to those damaged by the work.

The cost of compliance with this requirement shall not be compensated for separately but shall be considered incidental to the contract.

STREET SIGN REMOVAL AND REINSTALLATION

Before construction begins, Contractor shall remove and store in a dry secure location, all street signs or other signs designated by the Engineer to be removed. Mailboxes that interfere with construction shall be relocated during construction and reinstalled as soon as restoration in the construction area has begun. After completion of improvement, Contractor will reinstall street signs or other signs at locations designated by the Engineer. Contractor shall be responsible for any damage caused to signs or mailboxes and shall repair or replace at his expense. If sign replacement is required, contractor shall follow IDOT Highway standard drawings included.

Payment for removal and reinstallation of signs and mailboxes shall be incidental to the construction.

EXCESS MATERIAL

Excess material from the improvements and all other materials shall be disposed of properly by the Contractor and is considered to be incidental to the Contract.

WATER USE

The Contractor desiring to use water from municipal hydrants will be required to contact the City of La Salle, and if the request is granted, he shall conform with the ordinances and/or requirements of the City, as well as with the rules and regulations of the Water Department, and will be held responsible for all damages to hydrants and water pipe used for the purposes of securing water.

When additional water from fire hydrants is necessary to avoid delay in normal work procedures, the water shall be conserved and not used unnecessarily. No fire hydrant shall be obstructed in case of a fire in the area served by the hydrant.

TRENCH BACKFILL

All materials used for trench backfill under and within two feet (2') of paved areas, including streets, curbs, sidewalks and driveways shall meet the requirements of Article 1003.04 of the Standard Specifications.

All trench widths shall be kept to a minimum during construction operations. The Contractor shall take great care while jetting and tamping during backfilling operations to ensure proper compaction of materials, including areas under unpaved surfaces. All trenches shall be backfilled to the proper subgrade elevation in accordance with Section 208 of the Standard Specifications.

If trench settlement occurs, the Contractor shall, at his own expense, perform all additional work, including further jetting, tamping and/or placement of additional aggregate, necessary to ensure both proper compaction of the trench and proper safety for motorists and pedestrians. Should trench settlement occur after surface restoration, the Contractor shall, at his own expense, remove and replace the newly constructed pavement, driveway, curb

and/or sidewalk (by straight saw cut joint) and perform all work required to properly compact the trench and prevent further settling. Restoration of the parkway and additional sodding/hydroseeding shall also be performed.

Paved areas to be disturbed during the construction of culverts, sanitary sewers, structures, and other incidental construction are clearly indicated in the plans.

The cost for furnishing, transporting, placing and compacting the trench backfill materials required as a part of this project will be paid for at the contract unit price per CUBIC YARD of TRENCH BACKFILL. No additional consideration will be given to over-excavation resulting from the use of trench boxes

AGGREGATE FOR TEMPORARY ACCESS

This work shall consist of furnishing and placing crushed stone with a gradation number of CA 6, conforming to Article 1004.01 of the Standard Specifications, at locations noted in the plans or as directed by the Engineer for the purpose of maintaining access to private property during the construction period.

When the use of the temporary roads and approaches is discontinued, the aggregate placed in its construction and maintenance shall be removed and utilized in the permanent construction areas as directed by the Engineer, or otherwise disposed of as specified in Article 202.03.

This work will be paid for at the contract unit price per TON for AGGREGATE FOR TEMPORARY ACCESS, which price shall include all costs of furnishing, placing, removing and disposing of aggregate used in the construction of temporary roads and approaches. This aggregate will only be paid for once, regardless of the number of times it is used for temporary access.

EXPLORATION TRENCH, SPECIAL

This work shall consist of constructing a trench for the purpose of verifying clearances and locations of existing utilities and storm sewers. The exploration trench shall be constructed at the locations directed by the Engineer.

The depth of the trench shall be variable. The width of the trench shall be sufficient to allow proper investigation of the entire trench.

After the trench has been inspected by the Engineer, the excavated material shall be used to backfill the trench in a manner satisfactory to the Engineer. Any excess materials shall be disposed of according to Article 202.03 of the Standard Specifications.

This work shall be paid for at the contract unit price per HOUR for EXPLORATION TRENCH, SPECIAL.

PAVEMENT REPLACEMENT, 4”

Where existing pavement is to be removed due to the installation of water main, it shall be removed to a straight sawed joint and restored with twelve inches (12") of Aggregate Base Course Type B, an application of Bituminous Materials (Prime Coat) at a rate of 0.05 pounds per square foot, two and one-half inches (2 1/2") of Hot-Mix Asphalt Binder IL-19mm, an application of Bituminous Materials (Tack Coat) at a rate of 0.025 pounds per square foot and one and one-half inches (1 1/2") of Hot-Mix Asphalt Surface Course, Mix C, N50. The replacement pay width shall be no greater than that allowed the typical maximum water main trench widths (i.e. 18" to 36" greater than the outside diameter of the pipe), plus 1 foot either side or as directed by the Engineer. Aggregate base course will only be required to be replaced above the water main trench area only and not the 1' additional width outside the trench, assuming no contamination occurs during excavation operations.

Pavement replacement shall be measured in place and the areas computed in square yards. The area measured shall be the actual areas required as ordered by the Engineer. If additional pavement is removed or damaged due

to the negligence on the part of the Contractor, the additional quantities shall not be measured for payment but shall be done at the Contractor's expense.

Pavement replacement will be paid for at the contract unit price per SQUARE YARD for PAVEMENT REPLACEMENT, 4", which price will be payment in full for all labor, materials and equipment necessary for the aggregate base course, bituminous material (prime coat), hot-mix asphalt surface course replacement, and disposing of the unsuitable material, all as directed by the Engineer and as specified herein.

CUT AND CAP, 4" & 6"

The Contractor shall install the water main as shown on the plans and completely flush and chlorinate said main. The Contractor shall then be required to disconnect the house services from the old main and connect new services to the new main at locations as shown on the plan and as directed by the Engineer. This connection of services shall not be accomplished until a satisfactory chlorination and Bacteria report is received on the new main in that area.

After all water services have been reinstated, the contractor shall abandon the existing water main in place by installing caps at the locations indicated in the plans or as directed by the Engineer, assisted by the Public Works Department, performing appropriate valve closings as necessary. The cost for any caps or plugs installed including all labor and material required will be paid for at the contract unit price bid per EACH for CUT AND CAP, 4" & 6".

6" PVC DR-18 (C-900) WATER MAIN

This work shall consist of the construction of PVC water main at locations indicated on the plans or as directed by the Engineer. Polyvinyl Chloride Solid Wall Pipe (Pressure Class 150, DR 18), blue in color, conforming to AWWA C900 (AWWA Standard for Polyvinyl Chloride [PVC] Pressure Pipe and Fabricated Fittings, 4 in. through 12 in., for Water Distribution) with elastomeric gasketed joints meeting the requirements of AWWA C907 (Injection-Molded Polyvinyl Chloride [PVC] Pressure Fittings, 4 in. Through 12 in., for Water Distribution), unless otherwise directed by the Engineer. All pipe must be certified to CSA B137.3 "Rigid Poly Vinyl Chloride (PVC) Pipe for Pressure Applications". Each PVC pipe length and fitting shall be clearly marked with the following:

1. Manufacturer's Name
2. Nominal Pipe Size
3. Cell Classification
4. Minimum Pipe Stiffness

The Contractor shall take great care not to scratch, indent, puncture or otherwise damage the PVC pipe during installation. All pipe materials used shall be inspected and approved by the Engineer before and during installation.

If a pipe section has been damaged in any way before or during installation, it shall be removed and replaced with a pipe section acceptable to the Engineer. Pipe installation shall strictly conform to the manufacturers recommendations. A detectable metallic tracing and warning tape of a type approved by the Engineer shall be installed. This work shall consist of burying of metallic tape in the trench running along the centerline of each water main. The tape shall be laid in the trench at a depth recommended by the manufacturer after backfilling is completed and the backfill is allowed to settle. The tape shall be 2" wide and read "CAUTION – BURIED WATER MAIN BELOW". This work shall be considered incidental and merged into the pay item for water main.

Measurement shall be made along the centerline of water main installed. The cost for furnishing all labor, materials and equipment necessary for excavation, construction of the new water main, installation of metallic

tracing and warning tape and backfilling will be paid for at the contract unit price per FOOT for 6" PVC DR-18 (C-900) WATER MAIN.

PRESSURE TEST OF WATER MAIN

The water main shall be pressure tested at 150 psi with zero loss for a period not less than 2 hours. This work will not be paid for separately but shall be considered incidental to the contract.

FIRE HYDRANTS TO BE REMOVED

This item of work where indicated on the plans shall be in accordance with Article 564 of the Standard Specifications for Road and Bridge Construction adopted January 1, 2022.

Existing hydrants and auxiliary valves shall be carefully disconnected from the existing water main, delivered to the public works garage, and remain the property of the City of La Salle. This work will be paid for at the contract unit price per EACH for FIRE HYDRANTS TO BE REMOVED.

FIRE HYDRANT COMPLETE

This work shall consist of the installation of new hydrants, auxiliary valves, valve boxes, tees and associated pipe and fittings at the locations indicated in the plans or as directed by the Engineer. Hydrants shall be Clow Medallion or equal as approved by the La Salle Public Works Department. The cost for pipe, if any, needed for offsetting the hydrant from the water main shall be incidental to the hydrant construction.

All hydrants shall be painted as directed by the City of La Salle Public Works Department. All work shall be in accordance with the Standard Specifications for Water and Sewer Main Construction in Illinois", latest edition. The cost for this work will be paid for at the contract unit price bid per EACH for FIRE HYDRANT COMPLETE.

6" X 6" CUT-IN SLEEVE

Mechanical cut-in sleeves shall be Mueller H-840 cast iron or approved equal. Flange fasteners shall be 304-grade stainless steel.

The contractor must provide a Manufacturer's catalog cuts showing materials meet the specifications.

This work will be paid for at the contract unit price per EACH for 6" X 6" CUT-IN SLEEVE. The cost of this item shall include fittings, gaskets, and the provision and proper installation of all gland nuts and bolts and all other work required to complete the tapping sleeve installation.

MECHANICAL JOINT RESTRAINTS

All mechanical joint restraints shall be incorporated in the design of a follower gland. The gland shall be manufactured of ductile iron conforming to ASTM A-536. Dimensions of the gland shall be such that it can be used with the standardized mechanical joint bell and tee-head bolts conforming to AWWA C111 and C153.

The restraint mechanism shall consist of numerous individually activated gripping surfaces to maximize restraint capability. The gripping surfaces shall be sedges designed to spread the bearing surfaces on the pipe. Twist-off nuts, sized same as tee-head bolts, shall be used to insure proper actuating of restraining devices. When the nut is sheared off, a standard hex nut shall remain. The mechanical joint restraint device for ductile iron pipe shall have a working pressure of at least 250 psi with a minimum safety factor of 2. Gasket material identical to that described above shall be utilized at all joints and fittings.

The mechanical joint restraint devices shall be EBAA Iron, Inc. MegaLug 1100 series, Uni-Flange Series 1400, or engineer-approved equal.

All design associated with mechanical joint restraints shall be completed by the contractor and his supplier. Design calculations shall be submitted to the Engineer for review and approval prior to the ordering of materials. The cost for designing, materials, and labor for furnishing, installing, adjusting, and testing of mechanical joint restraints will not be compensated for separately but shall be considered incidental to the contract. No additional compensation will be given for the weights of the mechanical joint restraint. The contractor shall not include the weights of the mechanical joint restraints in the fitting weights when submitting invoices.

FITTINGS

All fittings shall be made from ductile iron and furnished with mechanical joint ends. All fittings shall have a pressure rating of 250 psi and shall be wrapped with an 8-mil thick polyethylene material per AWWA Standard C105. At locations indicated on the plans or as directed by the Engineer, the water main shall be constructed around existing utility structures or other obstacles by use of tees, bends or other appropriate fittings. Gasket material identical to that described above shall be utilized at all joints and fittings.

The cost for all fittings, excluding that incidental to the hydrant and tapping sleeve and sleeve installations, will be paid at the contract unit price per EACH for the type of fitting required.

STANDARD WATER MAIN T-HEAD BOLTS AND SACRIFICIAL NUTS

Standard T-head bolts and half of the nuts shall be Cor-Ten A meeting ASTM A242 and be in compliance with ANSI/AWWA C111/A21.11. The remaining half of the nuts shall be sacrificial nut modules that are made from a special high-grade zinc (99.99% pure), conforming to ASTM Standard B-418, Type II.

GATE VALVE AND BOX

All 12 inches and smaller valves shall be American Flow Control, Mueller, Clow or approved equal resilient wedge type abiding to AWWA C509 and AWWA C550.

The cost for each valve shall be included in the appropriate valve and valve box unit price.

WATER SERVICE INSTALLATION

This item shall include the installation of new water services, augured or open cut beneath the roadway, and all necessary appurtenances from the new water main to the property line. Existing utility elevations shall be confirmed by the contractor prior to commencing the operation. The water service installation shall start from the property line with a 1" corporation stop. The contractor shall install new connection fittings, 1" k-copper pipe (or approved equal), 1" roundway, curb box (Minneapolis Pattern 1½" screw on), connection fittings to 1" fittings, excavation, bedding, and trench backfill with CA-7 as required within the installation limits. The removal and abandonment of the existing curb box shall also be included in this item of work.

Corporation stops will be a Mueller H-15000, McDonald 4701 or equal. Curb stops shall be the screw on Minneapolis Pattern type. They shall be installed in the parkway and in no case shall be positioned in a sidewalk or driveway or buried underground. A cement or brick block shall be placed under each curb stop to ensure stability.

All material shall be as approved by the City's Public Works Department prior to installation. This work will be paid for at the contract price per EACH for CORPORATION STOP AND SADDLE, per EACH for CURB STOP (BUFFALO BOX) and per FOOT of 1" TYPE K WATER SERVICE INSTALLATION. Trench backfill for these services shall be as indicated on the plans.

15", PVC DR-18 (C-900) CASING (OPEN CUT)

This work shall consist of furnishing a 15" PVC DR-18 (C-900) at the location shown on the plans or as directed by the Engineer. Casing shall be extend at least ten feet (10') beyond the outer edge sewer pipe, as indicated in the detail drawings, unless otherwise approved by the Engineer.

After installation of the casing is completed, the proposed water main shall be constructed in place within the casing. The water main shall be inserted and centered by use of model CCS stainless steel casing spacers as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL or approved equal at a maximum spacing of five (5) feet. Casing spacers shall be bolt on style with a two-piece shell made from T-304 stainless steel of a minimum 14-gauge thickness. Each shell section shall have bolt flanges formed with ribs for added strength. Each connecting flange shall have a minimum of three 5/16" T-304 bolts. The shell shall be lined with a ribbed PVC extrusion with a retaining section that overlaps the edge of the shell and prevents slippage. Bearing surfaces (runners) made from UHMW polymer with a static coefficient of friction of 0.11-0.13 shall be attached to support structures (risers) at appropriate positions to properly support the carrier within the casing and to ease installation. The runners shall be attached mechanically by T-304 threaded fasteners inserted through the punched riser section and TIG welded for strength. Risers shall be made of T-304 14 gauge stainless steel. All risers over two inches (2") in height shall be reinforced. Risers shall be MIG welded to the shell. All metal surfaces shall be fully passivated. The ends of the casing shall be sealed using a method approved by the Engineer.

The cost for casing spacers, filling of the annular space (if required), and furnishing and installing the casing shall be incidental to the contract unit price for the casing.

The cost of furnishing and installation of the casing, and all incidental work necessary for its installation, including casing spacers, will be paid for at the contract unit price per FOOT for 15", PVC DR-18 (C-900) CASING (OPEN CUT). The cost for water main constructed within the casing will be paid for at its unit price.

ABANDON EXISTING VALVE, REMOVE BOX

Valves specified on the plans to be abandoned shall be closed and then cut a minimum of twelve inches (12") below the existing ground surface and then filled with concrete, sand or other appropriate material. This work will be paid for at the unit price per EACH for ABANDON EXISTING VALVE, REMOVE BOX.

REMOVE EXISTING VALVE VAULT

This work shall consist of the removal of existing valve vault where indicated on the plan or directed by the Engineer.

Any existing pavement requiring removal shall be boxed out and saw cut around the structure to allow clean removal. Existing pipes shall be saw cut and capped a sufficient distance away from the existing structure to allow removal of the structure.

The cost for removal of valve vault where designated by the Engineer and for all required work and materials described herein will be paid for at the contract unit price per EACH for REMOVE EXISTING VALVE VAULT.

PVC SDR-26 WATER QUALITY STORM SEWER (SIZE AS INDICATED ON THE PLANS)

Water tight gaskets shall be used at locations where the existing water main and proposed storm sewer do not meet the horizontal or vertical separation requirements as detailed in the "Standard Specifications for Water and Sewer Main Construction in Illinois", latest edition.

These items shall be paid for at the contract unit price per FOOT of 10" PVC SDR-26 WATER QUALITY STORM SEWER and per FOOT of 12" PVC SDR-26 WATER QUALITY STORM SEWER.

PC CONCRETE DRIVE REMOVAL & REPLACE, 7"

Where existing concrete driveways are to be removed as a result of the water main installation or curb removal, they shall be removed to a straight sawed joint and the removed driveway restored with a minimum of seven inches (7") of P. C. Concrete with 6" x 6" WWF on a 4" cushion of aggregate (CA-6). The maximum width shall be five (5') feet behind the curb head unless otherwise directed by the Engineer. This work shall be done in

conformance with Sections 440 and 423 of the Standard Specifications. The saw cutting will be considered incidental to the driveway removal. The removal shall include whatever depth is necessary to achieve the desired replacement thickness.

This work will be paid for at the contract unit price per SQUARE YARD for PC CONCRETE DRIVE REMOVAL & REPLACE, 7".

CONNECT PROPOSED 10" & 12" STORM SEWER TO EXISTING STRUCTURE

This work includes the connection of the proposed water quality storm sewer to the existing structure at locations shown on the plans. A hole shall be neatly cut into the existing manhole, if required, to accept the proposed storm sewer. Connections to the existing manhole shall be made by inserting a length of pipe into the hole, filling around the pipe with non-shrink grout and troweling the inside and outside surfaces of the joint to a neat finish. The connection shall be watertight conforming to ASTM C-923. Class SI Concrete will be required to collar the pipe around the outside of the manhole connection.

This work shall be paid for at the contract unit price bid per EACH for CONNECT PROPOSED 10" STORM SEWER TO EXISTING STRUCTURE and per ECH for CONNECT PROPOSED 12" STORM SEWER TO EXISTING STRUCTURE

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 REMOVAL AND REPLACEMENT

This item shall consist of the removal and replacement of concrete curb or combination concrete curb and gutter, in accordance with Sections 440 and 606 of the Standard Specifications, and as detailed in the plans by means of a sawed joint (straight) at locations as designated by the Engineer. The replaced curb or curb and gutter shall be Type B-6.18.

All curb or curb and gutter shall have sawcut contraction joints two (2") inches deep at 15' intervals. This sawcutting shall be done no later than 24 hours after the curb has been poured. Expansion and construction joints shall be as directed by the Standard Specifications and Standard Drawings. One inch (1") preformed joint filler shall be placed at the ends of all replaced sections.

Two (2) number 4 reinforcing bars shall be installed the entire length of all new curb and gutter.

The grassed areas adjacent to the curb or combination curb and gutter removal and replacement that are disturbed by means of the construction shall be restored with four-inches (4") of pulverized topsoil and seeding with nutrients. This work shall be done in accordance with Sections 211 and 250 and 252 of the Standard Specifications.

All existing pavement removed due to the removal and replacement of concrete curb or combination concrete curb and gutter shall be replaced with a patch consisting of HMA Binder or PC Concrete, as specified for pavement patching, at a minimum depth of seven inches (7") to a point not more than one and one-half (1-1/2") below the edge of pavement. Saw cutting shall be required as directed by the Engineer to secure a straight joint.

This work will be paid for at the contract unit price per FOOT for COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 REMOVAL AND REPLACEMENT, and shall include saw cutting, disposal, materials, labor, equipment, HMA/PC Concrete patching, required expansion material that is required due to the installation of the curb or curb and gutter and any restoration (topsoil, seeding and nutrients).

CLEAN CONSTRUCTION/DEMOLITION DEBRIS (CCDD) REQUIREMENTS PER PA 96-1416

To comply with Public Act 96-1416, the Contractor shall be responsible for all IEPA documentation and testing required to haul and dispose of Clean Construction or Demolition Debris. The cost associated with any engineering or material testing shall be incidental to the appropriate contract pay items.

ALTERNATE BID

HMA BINDER COURSE, MIX "B", N50, IL-19.0

This item shall be constructed in accordance with the applicable portions of Section 406 of the Standard Specifications. AC type shall be PG 64-22 with 4% air voids at 50 GYR. The thickness of HMA Surface Binder shall be 2". The contract provide for an additional 1" of HMA Binder in the location of all trenches. The cost for Anti-Stripping additives will not be paid for separately, but shall be included in the per TON unit price.

This work shall be paid for at the contract unit price per TON for HOT-MIX ASPHALT BINDER COURSE, MIX "B", N50, IL-19.0.

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, IL-9.5FG.

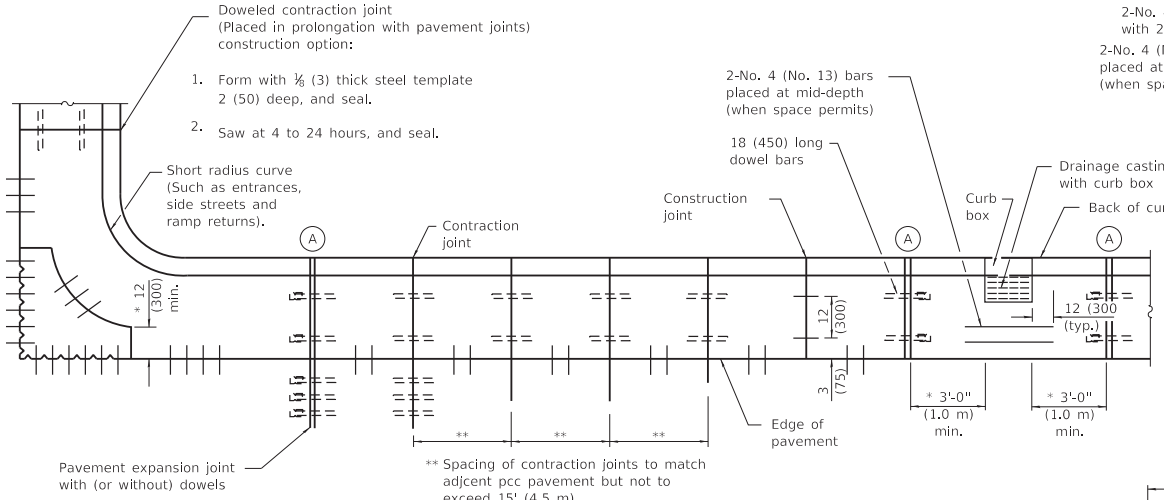
This item shall be used in the paving of the existing roadways and shall be constructed in accordance with the applicable portions of Section 406 of the Standard Specifications. AC type shall be PG 64-22 with 4% air voids at 50 GYR. The thickness of HMA Surface Course shall be 1.25". The cost for Anti-Stripping additives will not be paid for separately, but shall be included in the per TON unit price.

This work shall be paid for at the contract unit price per TON for HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, IL-9.5FG.

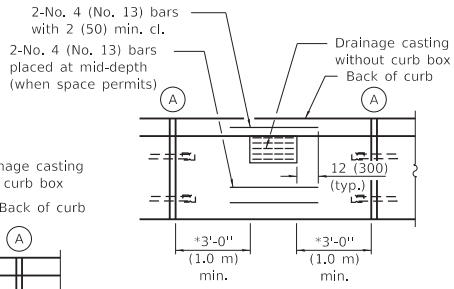
HOT-MIX ASPHALT SURFACE REMOVAL, 3"

The bituminous surface removal shall be accomplished by using a cold milling machine or similar method approved by the Engineer. An additional 1" of material shall be removed in the location of all trenches. This work shall be done in accordance with Section 440 of the Standard Specifications. The City of La Salle reserves the right of ownership of the milled grindings. The contractor is responsible for hauling any and all grindings to designated City stockpiles. All grindings not taken by the City of La Salle shall be disposed of by the contractor. No extra compensation will be given for hauling of milled grindings.

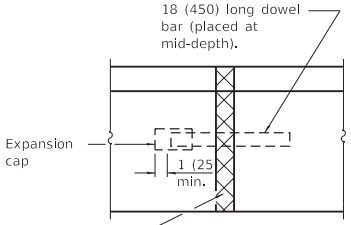
This work will be paid for at the contract unit price per SQUARE YARD of HOT-MIX ASPHALT SURFACE REMOVAL, 3".



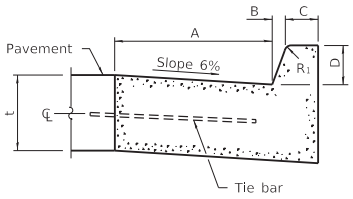
PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE



* This dimension shall be adjusted to align with joint on the adjacent pavement



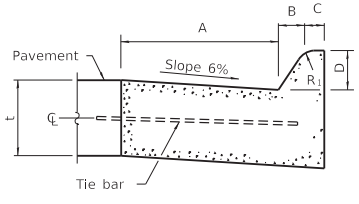
DETAIL Ⓐ
EXPANSION JOINT



BARRIER CURB

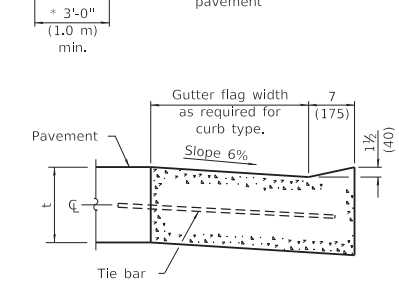
TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R_1
B-6.06 ✱ (B-15.15)	6 (150)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)
B-9.12 (B-22.30)	12 (300)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.18 (B-22.45)	18 (450)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.24 (B-22.60)	24 (600)	2 (50)	5 (125)	9 (225)	1 (25)

✱ For corner islands only.

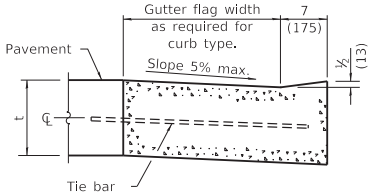


MOUNTABLE CURB

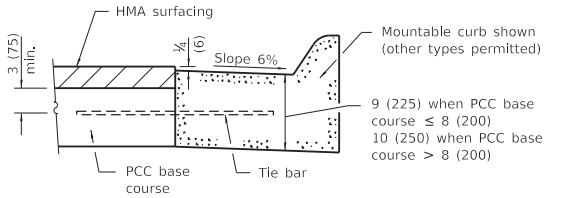
TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R_1	R_2
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-4.06 (M-10.15)	6 (150)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.12 (M-10.30)	12 (300)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.18 (M-10.45)	18 (450)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.24 (M-10.60)	24 (600)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-6.06 (M-15.15)	6 (150)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.12 (M-15.30)	12 (300)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.18 (M-15.45)	18 (450)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.24 (M-15.60)	24 (600)	6 (150)	2 (50)	6 (150)	2 (50)	NA



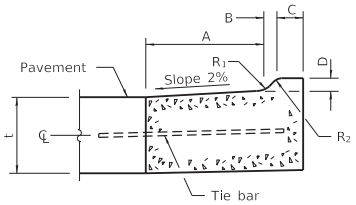
DEPRESSED CURB (TYPICAL)



DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M-2.06 (M-5.15) and M-2.12 (M-5.30)

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.

Illinois Department of Transportation

PASSED January 1, 2022
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2022
ENGINEER OF DESIGN AND ENVIRONMENT

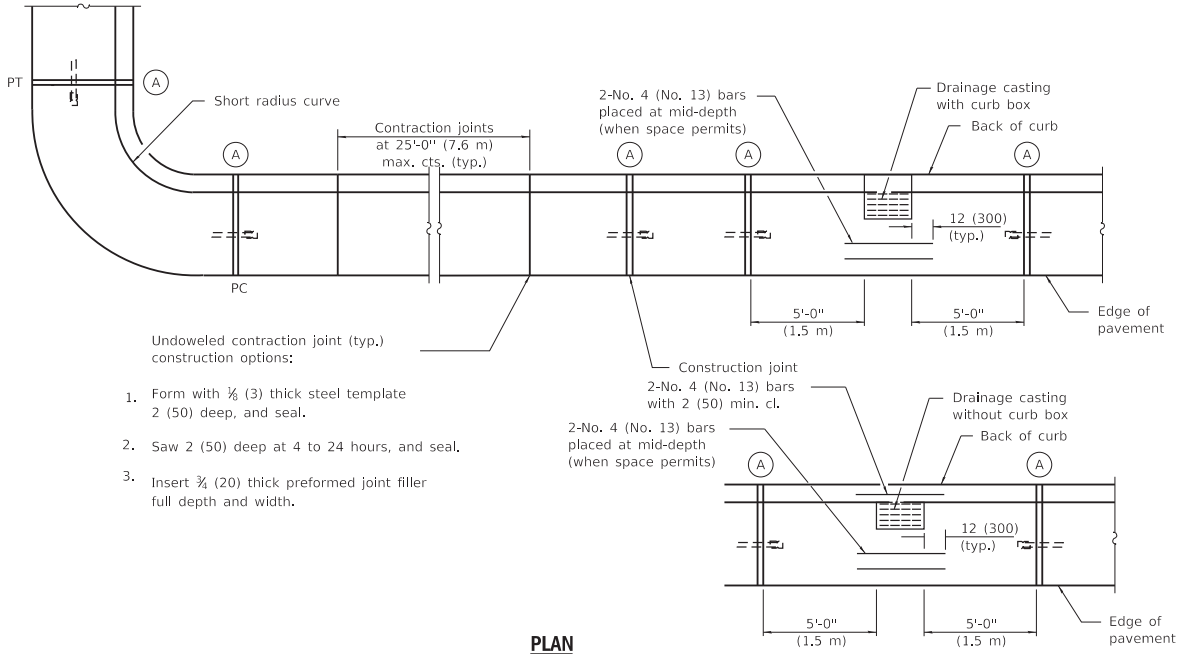
ISSUED 1-1-07

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.

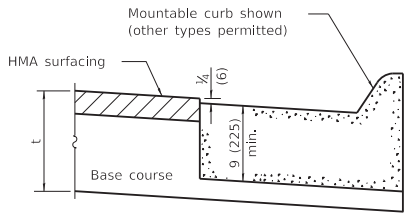
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 1 of 2)

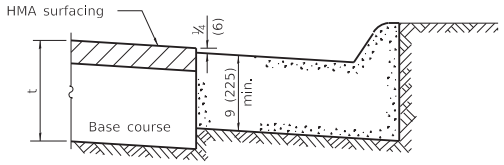
STANDARD 606001-08



PLAN

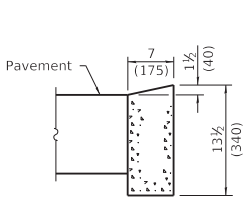


ON DISTURBED SUBGRADE

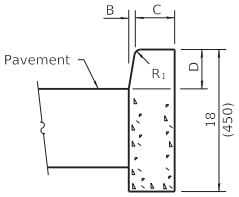


ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT

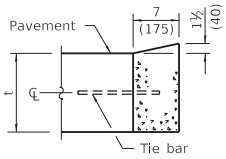


DEPRESSED CURB

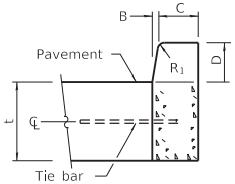


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

Illinois Department of Transportation

PASSED January 1, 2022
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

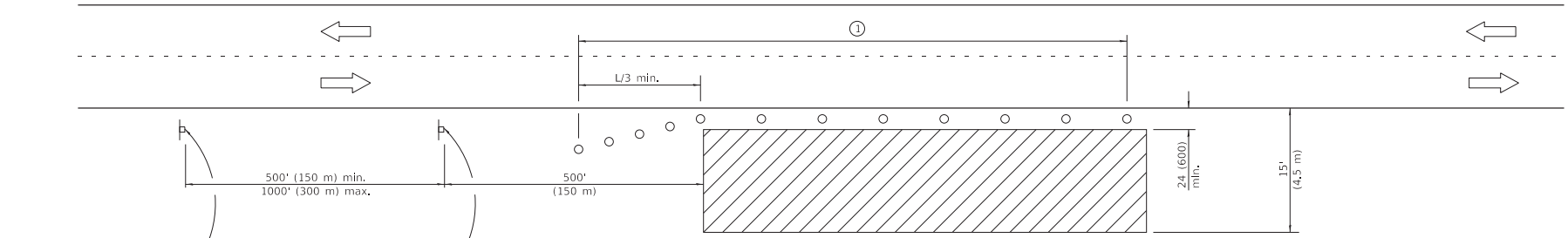
APPROVED January 1, 2022
Todd Ebe
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 2 of 2)

STANDARD 606001-08



For contract construction projects

W20-1103(0)-48

W21-1(0)-48

For maintenance and utility projects

W20-1(0)-48

TYPICAL APPLICATIONS

Utility operations
Culvert extensions
Side slope changes
Guardrail installation and maintenance
Delineator installation
Landscaping operations
Shoulder repair
Sign installation and maintenance

SYMBOLS

Work area

Sign

Cone, drum or barricade

(1) When the work operation exceeds one hour, cones, drums or barricades shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24 (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	(Metric)
40 mph (70 km/h) or less:	$L=\frac{WS^2}{60}$	$L=\frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L=(W)(S)$	$L=0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

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

Illinois Department of Transportation

PASSED January 1, 2014
ENGINEER OF SAFETY ENGINEERING

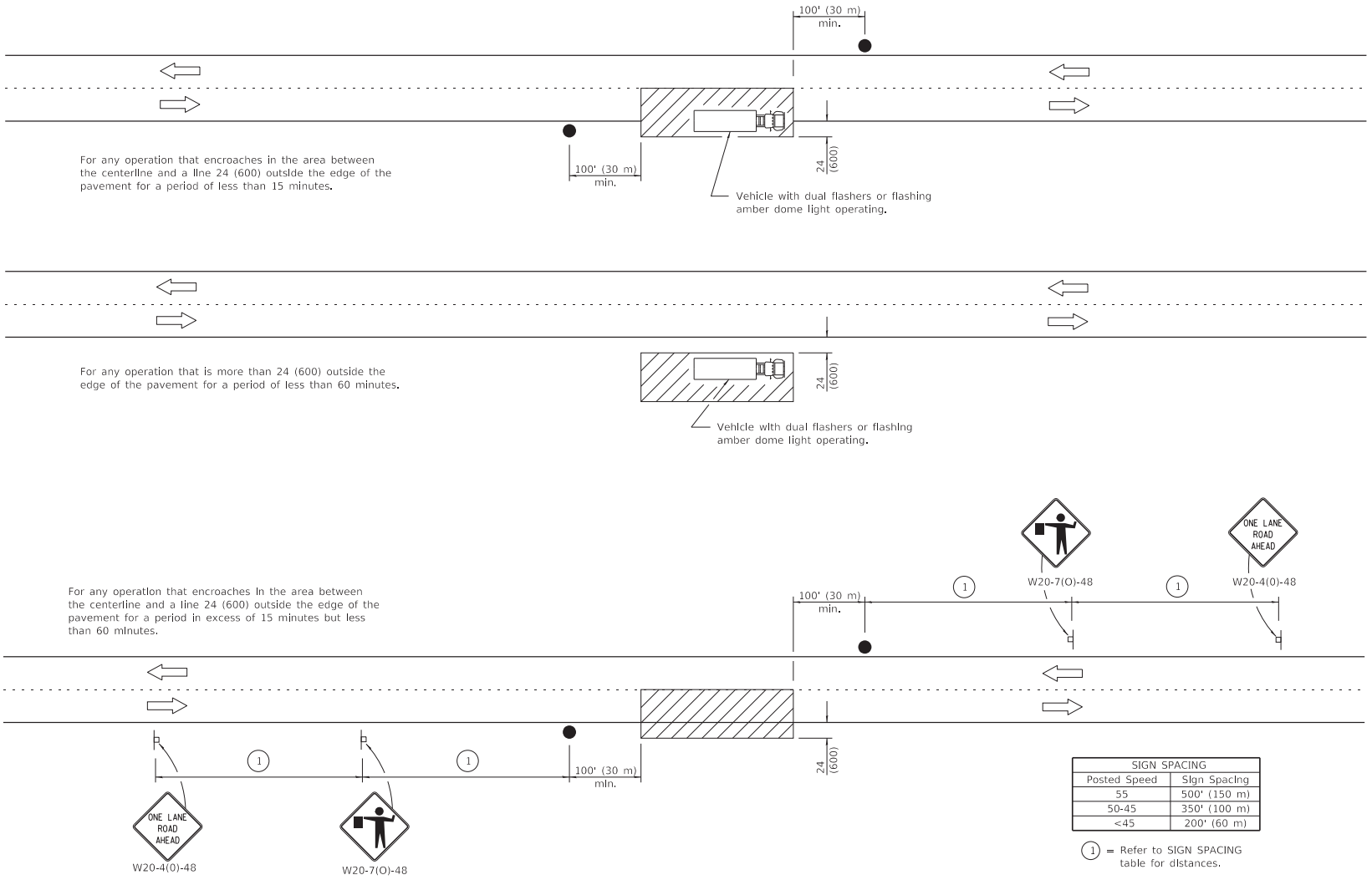
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

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

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

STANDARD 701006-05



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

(1) = Refer to SIGN SPACING table for distances.

TYPICAL APPLICATIONS

Marking patches
Field survey
String line
Utility operations
Cleaning up debris on pavement

SYMBOLS

Work area

Sign on portable or permanent support

Flagger with traffic control sign

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

Illinois Department of Transportation

PASSED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

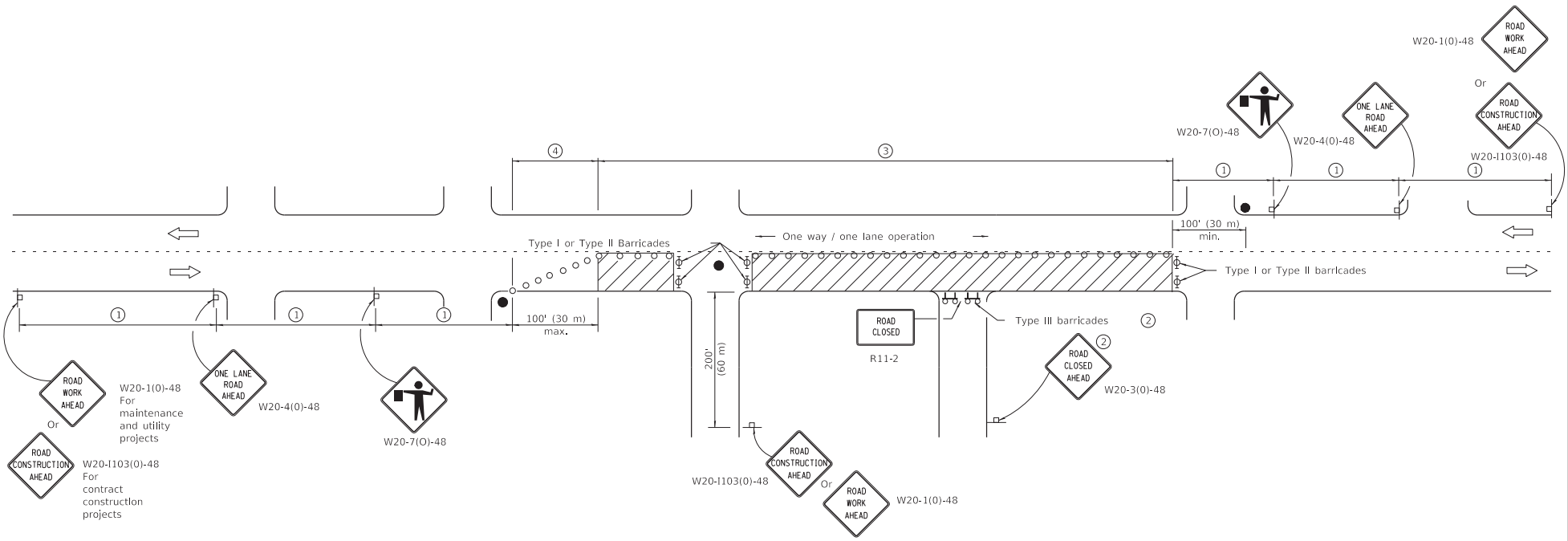
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

STANDARD 701301-04



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

(1) Refer to SIGN SPACING TABLE for distances.

(2) For approved sideroad closures.

(3) Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.

(4) Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, 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 inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

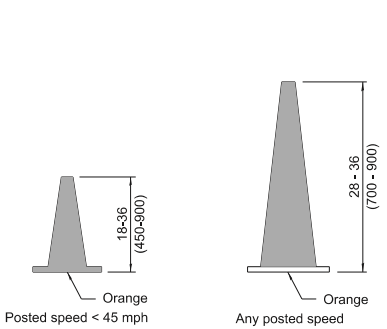
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

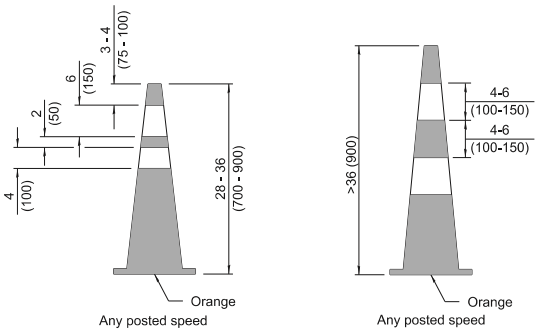
DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06

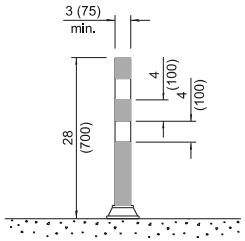


DAYTIME USE

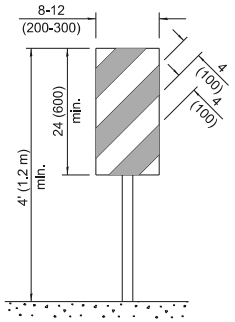


DAY OR NIGHTTIME USE

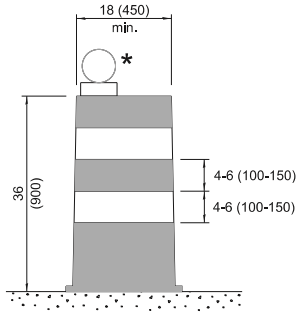
CONES



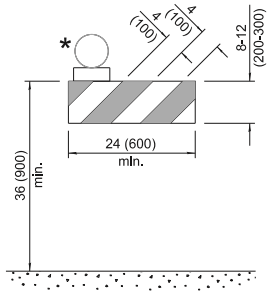
TUBULAR MARKER



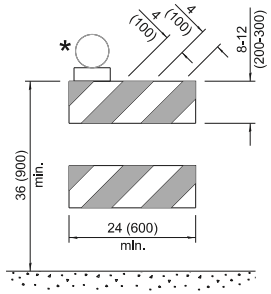
VERTICAL PANEL
POST MOUNTED



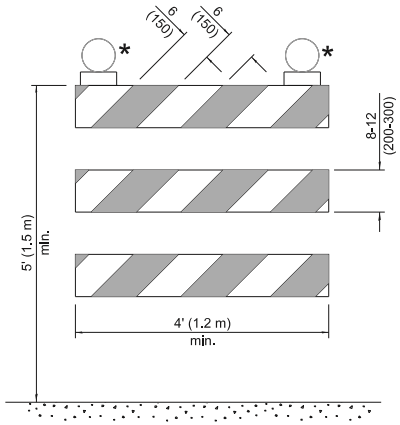
DRUM



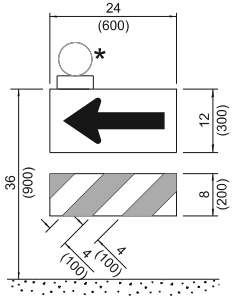
TYPE I BARRICADE



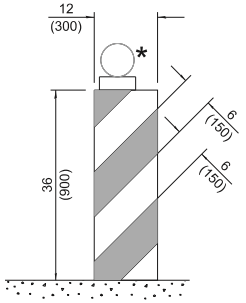
TYPE II BARRICADE



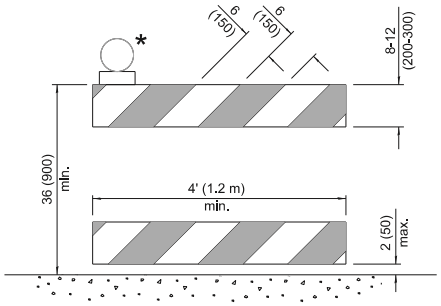
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

* Warning lights (If required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

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

Illinois Department of Transportation

APPROVED January 1, 2025
ENGINEER OF SAFETY PROG. AND ENGINEERING

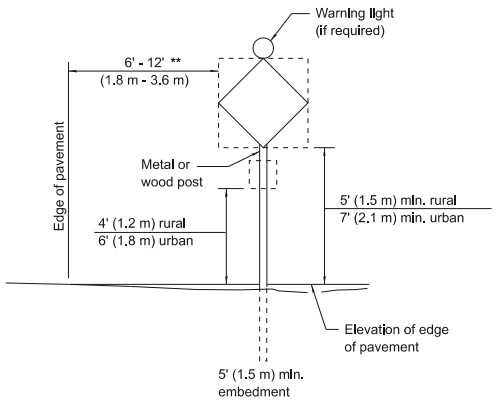
APPROVED January 1, 2025
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

DATE	REVISIONS
1-1-25	Updated Temporary Rumble
	Strip Detail (sht. 3).
1-1-24	Revised Type III Barricade notes
	(sht. 3) & moved warning light on
	post mounted signs to top center.

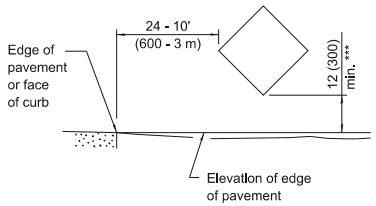
TRAFFIC CONTROL DEVICES

STANDARD 701901-10



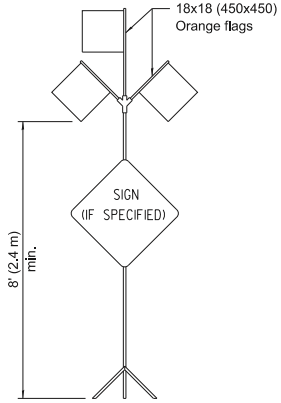
POST MOUNTED SIGNS

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

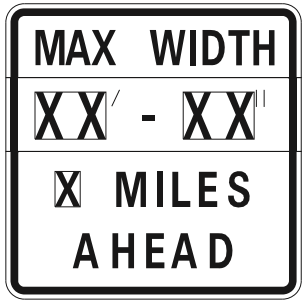


SIGNS ON TEMPORARY SUPPORTS

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



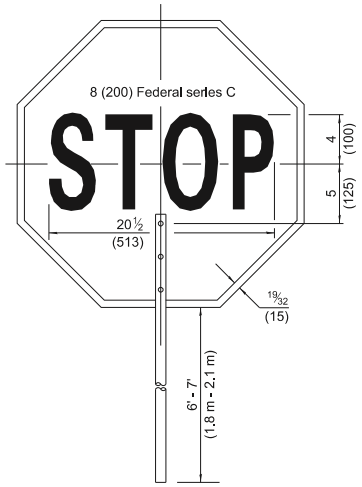
HIGH LEVEL WARNING DEVICE



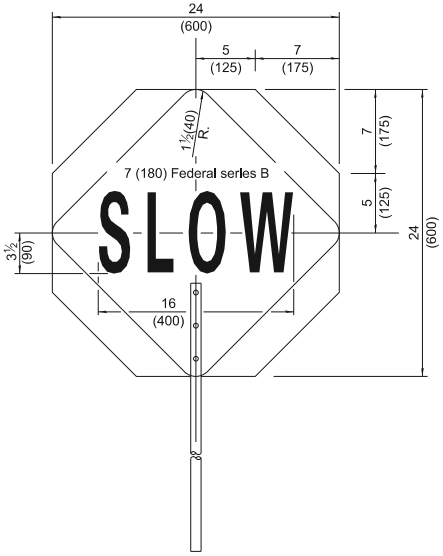
W12-I103-4848

WIDTH RESTRICTION SIGN

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

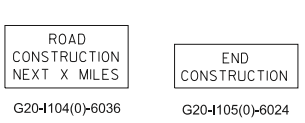


FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN



G20-I104(0)-6036 G20-I105(0)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING

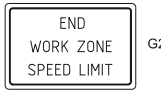
W21-III5(0)-3618

R2-1-3648

R10-I108p-3618 ****

R2-I106p-3618

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



G20-I103-6036

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

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

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

Illinois Department of Transportation

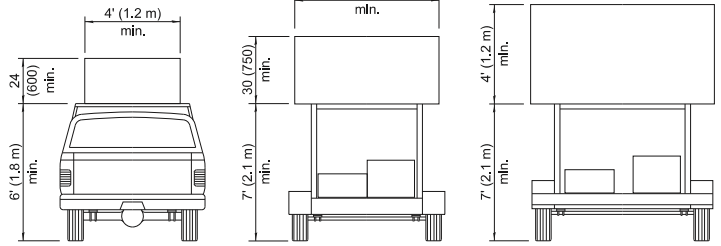
APPROVED January 1, 2025
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2025
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

TRAFFIC CONTROL DEVICES

STANDARD 701901-10

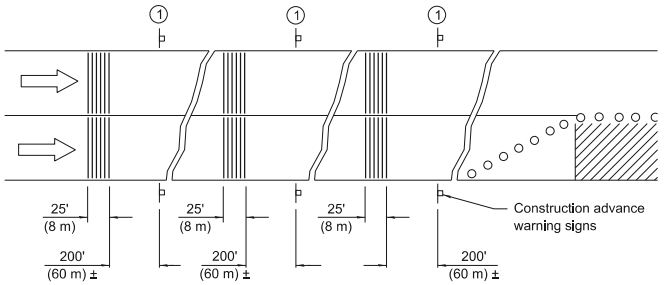


TYPE A ROOF MOUNTED

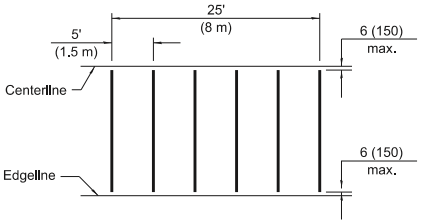
TYPE B ROOF OR TRAILER MOUNTED

TYPE C TRAILER MOUNTED

ARROW BOARDS

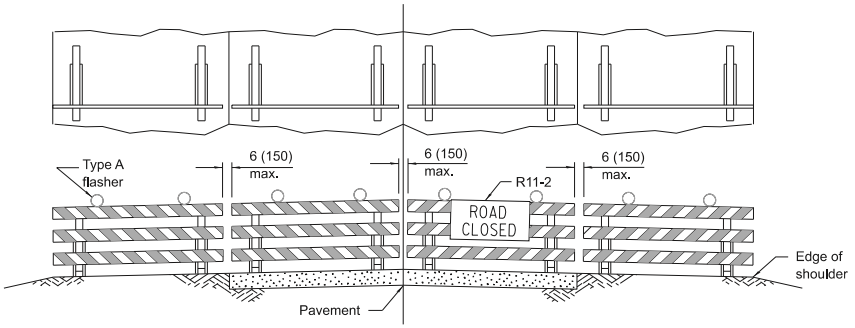


1 This sign shall be omitted when median width is less than 10' (3 m).



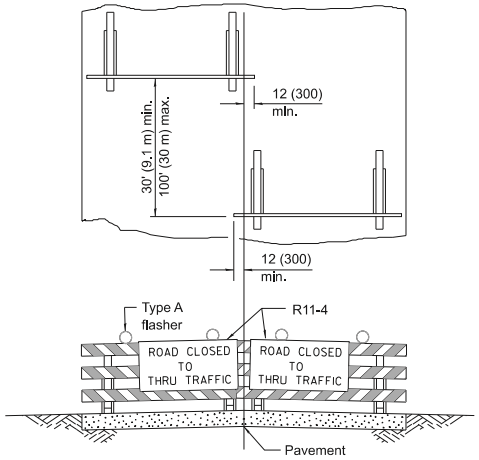
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades.

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

If a Type III barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

Illinois Department of Transportation

APPROVED January 1, 2025
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2025
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-10

SECTION 10, TOWNSHIP 33, RANGE 1E

CITY *of* LA SALLE, ILLINOIS

MALCOLM , CREVE COEUR & GUNN AVENUE EMERGENCY WATER MAIN REPLACEMENTS 2025

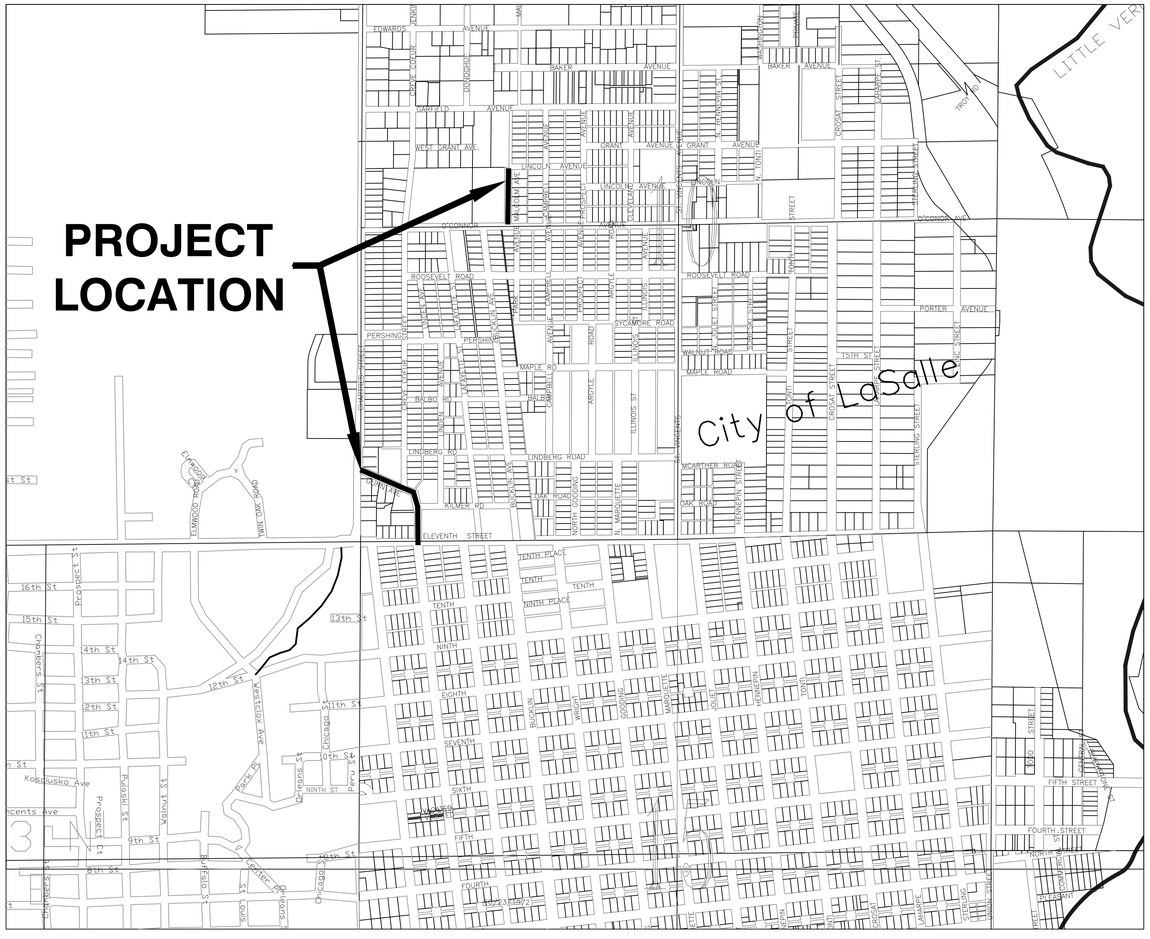
LINE & SYMBOL LEGEND

EXISTING

- BUFFALO BOX
- FIRE HYDRANT
- VALVE
- VALVE BASIN
- SIGN
- MARKER FLAG
- INLET
- CATCH BASIN
- MANHOLE
- POWER POLE W/ LIGHT
- POWER POLE
- TREE
- BUSH / HEDGE
- CONTOUR MINOR
- CONTOUR MAJOR
- BUSH / HEDGE LINE
- CENTERLINE / BASELINE
- RIGHT OF WAY
- CHAIN LINK FENCE
- STORM SEWER
- SANITARY SEWER
- W — W — WATER MAIN
- — - - E - - — OVERHEAD ELECTRIC
- T — T — BURIED TELEPHONE
- G — G — GAS MAIN

PROPOSED

- BUFFALO BOX
- FIRE HYDRANT
- SIGN
- FLARED END SECTION
- INLET
- CATCH BASIN
- MANHOLE
- +XXX.XX SPOT ELEVATION
- LOW POINT
- SUMMIT
- GRADE CHANGE
- STORM SEWER



LOCATION MAP

SCALE: 1" = 600'

▬▬ - INDICATES PROPOSED IMPROVEMENT

Call Before You Dig
JULIE ILLINOIS ONE-CALL SYSTEM
Call: 811 OR 1-800-892-0123

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS
48 hours before you dig
(EXCLUDING SAT., SUN. & HOL.)
811

N

INDEX OF SHEETS

SUMMARY OF QUANTITIES

NO.	ITEM DESCRIPTION	UNIT	TOTAL
1	REMOVAL AND DISPOSAL OF UNSUITABLE EXCAVATION	CU YD	30
2	TRENCH BACKFILL	CU YD	574
3	AGGREGATE FOR TEMPORARY ACCESS	TON	35
4	EXPLORATION TRENCH, SPECIAL	HOUR	6
5	INLET FILTERS	EACH	15
6	PAVEMENT REPLACEMENT, 4"	SQ YD	989
7	CUT AND CAP 4"	EACH	3
8	CUT AND CAP 6"	EACH	2
9	6" PVC DR-18 (C-900) WATER MAIN	FOOT	1527
10	FIRE HYDRANT TO BE REMOVED	EACH	1
11	FIRE HYDRANT (COMPLETE)	EACH	3
12	6" CUT-IN SLEEVE	EACH	6
13	6" X 6" TEE	EACH	10
14	6" GATE VALVE AND BOX	EACH	7
15	CORPORATION STOP AND SADDLE	EACH	21
16	CURB STOP (BUFFALO BOX)	EACH	21
17	1" TYPE K WATER SERVICE INSTALLATION	FOOT	423
18	6" 11.25 DEGREE BEND	EACH	1
19	6" 22.5 DEGREE BEND	EACH	4
20	6" 45 DEGREE BEND	EACH	12
21	6" CAP	EACH	1
22	15" PVC DR-18 (C-900) CASING (OPEN CUT)	FOOT	76
23	ABANDON EXISTING 4" VALVE, REMOVE BOX	EACH	5
24	ABANDON EXISTING 6" VALVE	EACH	1
25	REMOVE EXISTING VALVE VAULT	EACH	2
26	10" PVC SDR-26 WATER QUALITY STORM SEWER	FOOT	39
27	12" PVC SDR-26 WATER QUALITY STORM SEWER	FOOT	77
28	PC CONCRETE DRIVE, 7" REMOVE & REPLACE	SQ YD	43
29	CONNECT PROPOSED 10" STORM SEWER TO EXISTING STRUCTURE	EACH	2
30	CONNECT PROPOSED 12" STORM SEWER TO EXISTING STRUCTURE	EACH	6
31	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 R & R	FOOT	480
	ALTERNATE		
	ADD		
32	BITUMINOUS MATERIALS (TACK COAT)	POUNDS	2000
33	HMA BINDER COURSE, MIX B, N50, IL-19.0	TON	551
34	HMA SURFACE COURSE, MIX C, N50, IL-9.5FG	TON	310
35	HMA SURFACE REMOVAL, 3"	SQ YD	4425
	DEDUCT		
6	PAVEMENT REPLACEMENT, 4"	SQ YD	989

CITY OFFICIALS

MAYOR	JEFF GROVE
CITY CLERK	LIZ BISHOP
CITY ATTORNEY	JIM McPHEDRAN
CITY TREASURER	VIRGINIA KOCHANOWSKI

ALDERMEN

JAMES DEMES	BOB THOMPSON
TOM PTAK	JERRY REYNOLDS
JOHN LAVIERI	JOSEPH JEPPSON
T. BOO HERNDON	JORDAN CRANE

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

DATED THIS 20TH DAY OF AUGUST, 2025

BRIAN D. BROWN
062-048137
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS

LICENSE EXPIRES: 11/30/25

PREPARED BY:

CITY OF LASALLE ESTABLISHED 1852

SHEET NO. 1 OF 7

LAST SAVED BY: B.BROWN ON 8/28/25
PLOTTED BY: BRIAN BROWN ON 8/28/25

GENERAL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE SPECIFICATIONS FOR CONSTRUCTION IN THE CITY OF LA SALLE AND IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.

2. ALL STORM SEWER, SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" AND IN ACCORDANCE WITH THE SPECIFICATIONS FOR CONSTRUCTION IN THE CITY OF LA SALLE UNLESS OTHERWISE NOTED ON THE PLANS.

3. STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, CONSTRUCTION PLANS, AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE CONSIDERED A PART OF THIS CONTRACT.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 AND THE CITY OF LA SALLE FOR UTILITY LOCATIONS.

5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE AND STATUS OF ALL UTILITY RELOCATION WORK PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT CONSTRUCTION OPERATIONS DO NOT INTERFERE WITH UTILITY FACILITIES AND RELOCATION WORK. THE SCHEDULE SHOULD REFLECT CONSTRUCTION SEQUENCING, WHICH COORDINATES WITH ALL UTILITY RELOCATION WORK. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE ORDER OF ITS WORK FROM TIME TO TIME, TO COORDINATE SAME WITH UTILITY RELOCATION WORK, AND SHALL PREPARE REVISED SCHEDULE(S) IN COMPLIANCE THEREWITH AS DIRECTED BY THE OWNER. THE OWNER AND THE ENGINEER SHALL BE NOTIFIED IN WRITING BY THE CONTRACTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY OPERATION REQUIRED COOPERATION WITH OTHERS. ALL OTHER AGENCIES, UNLESS OTHERWISE NOTED, WILL BE NOTIFIED IN WRITING BY THE CONTRACTOR TEN (10) DAYS PRIOR TO THE START OF ANY SUCH OPERATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM OR ESTABLISH THE EXISTENCE OF ALL UTILITY FACILITIES AND THEIR EXACT LOCATIONS, WHETHER CONTAINED IN THE DATA SUBMITTED BY THESE AGENCIES OR NOT, AND TO SAFELY SCHEDULE ALL UTILITY RELOCATIONS.

6. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE SURVEYOR'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE SURVEYOR OR ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

7. NOTIFICATION OF COMMENCING CONSTRUCTION:

   A. THE CONTRACTOR SHALL NOTIFY AFFECTED GOVERNMENTAL AGENCIES IN WRITING AT LEAST (3) THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL NOTIFY AS NECESSARY ALL TESTING AGENCIES, THE CITY OF LA SALLE, AND THE OWNER SUFFICIENTLY IN ADVANCE OF CONSTRUCTION.

   B. FAILURE OF THE CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN THE TESTING COMPANIES TO BE UNABLE TO VISIT THE SITE AND PERFORM TESTING WILL CAUSE THE CONTRACTOR TO SUSPEND THE OPERATION TO BE TESTED UNTIL THE TESTING AGENCY CAN SCHEDULE TESTING OPERATIONS. COST OF SUSPENSION OF WORK SHALL BE BORNE BY CONTRACTOR.

8. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED. ANY STAKES DESTROYED OR DISTURBED BY THE CONTRACTOR PRIOR TO THEIR USE SHALL BE RESET BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

9. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

10. REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC. SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT THE CONTRACTORS OWN EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR ANY PERMITS REQUIRED FOR SUCH DISPOSAL. THE REMOVAL SHALL BE ACCOMPLISHED BY MEANS OF A SAW CUT JOINT, AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS ITEMS.

11. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED BY THE CONTRACTOR AND HIS SURETY FOR 12 MONTHS FROM THE DATE OF FINAL ACCEPTANCE OF THIS PROJECT. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE DURING THAT PERIOD.

12. THE CONTRACTORS SHALL PLAN THEIR WORK BASED ON THEIR OWN BORINGS, EXPLORATIONS AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK.

13. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB PER OSHA REGULATIONS.

14. IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE "ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS", LATEST EDITION, THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

15. THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEAN-UP AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.

16. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE ENGINEER AND THE CITY OF LA SALLE. APPROVAL TO PROCEED MUST BE OBTAINED FROM THE CITY OF LA SALLE PRIOR TO INSTALLING PAVEMENT BASE, BINDER, SURFACE AND PRIOR TO POURING ANY CONCRETE AFTER FORMS HAVE BEEN SET.

17. AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FORM DIRT AND DEBRIS.

18. THE CITY PUBLIC WORKS DEPARTMENT (815-223-6344) SHALL BE NOTIFIED PRIOR TO THE OPENING OR CLOSING OF ALL WATER VALVES, FIRE HYDRANTS, AND/OR OTHER WATER SYSTEM APPURTENANCES.

19. LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF AN APPROVED LANDSCAPE ARCHITECT AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE. ALL CUTS OVER ONE (1) INCH DIAMETER SHALL BE MADE FLUSH WITH THE NEXT LARGE BRANCH. WOUNDS OVER ONE (1) INCH DIAMETER SHALL BE PAINTED WITH AN APPROVED TREE PAINT.

20. IF SOFT, SPONGY OR OTHER UNSUITABLE SOILS WITH UNCONFINED COMPRESSIVE STRENGTH LESS THAN 0.5 TSF ARE ENCOUNTERED AT THE BOTTOM OF THE TRENCH, ALL SUCH MATERIAL SHALL BE REMOVED AND REPLACED WITH WELL COMPACTED CRUSHED LIMESTONE BEDDING MATERIAL. IF ROCK IS ENCOUNTERED, IT SHALL BE REMOVED TO AT LEAST SIX (6) INCHES BELOW THE BOTTOM OF THE PIPE TO ALLOW PROPER THICKNESS OF BEDDING. ANY UNDERCUTS OF SIX (6) INCHES OR LESS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. DEPTHS GREATER THAN SIX (6) INCHES SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR UNSUITABLE EXCAVATION. THE ADDITIONAL COMPACTED LIMESTONE BEDDING MATERIAL REQUIRED SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNSUITABLE EXCAVATION UNIT PRICE.

21. THE TRENCHES FOR PIPE INSTALLATION SHALL BE KEPT DRY AT ALL TIMES DURING PIPE PLACEMENT. APPROPRIATE FACILITIES TO MAINTAIN THE DRY TRENCH SHALL BE PROVIDED BY THE CONTRACTOR AND THE COST OF SUCH SHALL BE INCIDENTAL TO THE UNIT PRICE BID AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR DEWATERING DURING CONSTRUCTION UNLESS APPROVED IN WRITING BY THE OWNER.

22. EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND SHALL BE MAINTAINED BY THE CONTRACTOR AND REMAIN IN PLACE UNTIL A SUITABLE GROWTH OF GRASS, ACCEPTABLE TO THE ENGINEER, HAS DEVELOPED.

23. ALL TESTING SHALL BE THE RESPONSIBILITY AND EXPENSE OF THE CONTRACTOR. COPIES OF ALL TEST RESULTS SHALL BE PROVIDED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL.

24. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL ITEMS REQUIRED FOR CONSTRUCTION OF THE PROJECT, AS SHOWN ON THE PLANS ARE INCLUDED IN THE CONTRACT. ANY ITEM NOT SPECIFICALLY INCLUDED IN THE CONTRACT, BUT SHOWN ON THE PLANS, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN THE EVENT OF A DISCREPANCY WITH THE PLANS AND QUANTITIES.

25. TRENCH BACKFILL/FLOWABLE FILL WILL BE REQUIRED TO THE FULL DEPTH ABOVE SEWERS AND WATER MAIN WITHIN TWO (2) FEET OF PROPOSED OR EXISTING PAVEMENT.

26. ALL TURF DISTURBED AREAS SHALL BE FULLY RESTORED TO PRE-CONSTRUCTION CONDITIONS WITH A MINIMUM 4" VEGETATION SUSTAINING MATERIAL AND SEEDING.

27. INDEMNIFICATION:

   A. HOLD HARMLESS: THE CONTRACTOR, AS A CONDITION OF THE CONTRACT, HEREBY AGREES TO ASSUME THE ENTIRE RESPONSIBILITY AND LIABILITY FOR, AND DEFENSE OF, AND TO PAY AND INDEMNIFY AND HOLD THE ENGINEER, THE CITY OF LA SALLE, THEIR ENGINEERS, AGENTS AND EMPLOYEES HARMLESS FROM ALL CLAIMS FOR DAMAGES OR INJURY (OR DEATH RESULTING THEREFROM) TO ANY AND ALL PERSONS, INCLUDING EMPLOYEES OR AGENTS OF ANY PERSON OR FIRM ENGAGES IN WORK UPON THE PROJECT, ARISING OUT OF THE CONDUCT OF THE CONTRACTOR ARISING OUT OF THE PERFORMANCE OF THIS AGREEMENT OR ANY WORK RELEVANT THERETO, OR ARISING OUT OF ANY FEDERAL, STATE OR LOCAL STATUTE, RULE, REGULATION OR ORDINANCE, INCLUDING BUT NOT LIMITED TO THE PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS ACT (OSHA).

   B. ALL COSTS, FEES AND EXPENSES, INCLUDING, BY WAY OF EXAMPLE AND WITHOUT LIMITATION, REASONABLE ATTORNEY'S FEES, COURT COSTS, COURT REPORTER'S FEES, TRANSCRIPT COSTS, SUBPOENA FEES AND COSTS, WITNESS FEES, SERVICE COSTS, AND DOCUMENT REPRODUCTION COSTS INCURRED BY THE CITY AND/OR STATE AS A RESULT OF AND CLAIMS FOR DAMAGE OR INJURY AS ENUMERATED ABOVE SHALL BE PAID BY THE CONTRACTOR.

   C. THE CONTRACTOR(S) SHALL NAME THE CITY OF LA SALLE, AND CONSULTANT DOING CONSTRUCTION OBSERVATION (IF APPLICABLE) FOR THE CITY/STATE AS ADDITIONAL NAMED INSUREDS ON ALL LIABILITY INSURANCE POLICIES AND SHALL PROVIDE THE CITY OF LA SALLE CERTIFICATES OF INSURANCE PRIOR TO COMMENCEMENT OF ANY WORK.

WATER MAIN NOTES

1. AN APPROVED IEPA CONSTRUCTION PERMIT MUST BE RECEIVED BY THE CITY ENGINEER PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES.

2. ALL MATERIALS SHALL BE MANUFACTURED IN THE UNITED STATES OF AMERICA. A LETTER OF CERTIFICATION OF THE COUNTRY OF ORIGIN MUST BE PROVIDED IF REQUESTED BY THE CITY.

3. THE CONTRACTOR WILL COORDINATE ALL WATER MAIN WORK WITH THE CITY OF LA SALLE. CONSTRUCTION SHALL BE STAGED TO MAINTAIN SERVICE TO ADJACENT PROPERTIES. TEMPORARY SYSTEM SHUTDOWNS SHALL BE OF SHORT DURATION AND SHALL BE COORDINATED WITH THE CITY.

4. NO DISCONNECTION FROM EXISTING OR CONNECTION TO NEW IS TO BE PERFORMED UNTIL THE NEW WATER MAIN IS DISINFECTED, TESTED AND PLACED INTO SERVICE. NOTIFICATION OF INTERRUPTION OF SERVICE SHALL BE MADE BY THE CONTRACTOR TO THOSE AFFECTED, IN WRITING, A MINIMUM OF 24 HOURS IN ADVANCE.

5. WATER MAIN

   A. WATER MAIN SHALL BE PVC-DR18 (C-900), IN ACCORDANCE WITH AWWA LATEST STANDARDS. ALL JOINTS SHALL CONFORM TO ASTM D-3139, RUBBER SLIP RING.

   B. FITTINGS SHALL BE CEMENT LINED DUCTILE IRON OR CAST IRON IN ACCORDANCE WITH AWWA LATEST STANDARD RATED AT 350 PSI.

   C. WATER MAIN DEPTH SHALL BE A MINIMUM OF SIXTY INCHES (60") AND A MAXIMUM DEPTH OF SEVENTY-TWO INCHES (72") FROM THE EXISTING/PROPOSED GROUND SURFACE.

   D. WATER MAIN SHALL BE INSTALLED WITH HYDRANTS AT HIGH POINTS.

   E. TRACER WIRE SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.

6. RESTRAINING GLANDS – ALL MECHANICAL JOINT FITTINGS, VALVES, FIRE HYDRANTS, ETC. SHALL BE RESTRAINED WITH A RESTRAINING DEVICE SUCH AS MEGA LUG SERIES 1100.

7. CONCRETE THRUST BLOCKS

   A. CONCRETE SHALL BE CLASS SI.

   B. WHERE A HORIZONTAL AND/OR VERTICAL BEND IS MADE, THE PIPING SHALL BE RESTRAINED BY MEANS OF A THRUST BLOCK AS DETAILED ON THE DRAWINGS.

   C. CONCRETE SHALL BEAR ON ONE COMPLETE QUADRANT OF PIPE AT A MINIMUM.

   D. MINIMUM THRUST BLOCK AREA SHALL BE PER THE LATEST STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PRESSURE CONNECTION NOTES

1. PRESSURE TAPS SHALL BE DUCTILE IRON FOR SIZE-ON-SIZE TAPS OR TAPS ON MAINS GREATER THAN 12". STAINLESS STEEL TAPPING SLEEVES CAN ONLY BE USED FOR NON-SIZE ON SIZE TAPS ON MAINS LESS THAN OR EQUAL TO 12".

2. CUT-IN-SLEEVES SHALL BE MUELLER, CLOW, OR CITY APPROVED EQUAL.

3. ALL EXISTING PIPE SHALL BE EXPOSED AND MEASURED TO ASSURE PURCHASE OR FABRICATION OF THE PROPER FITTING PRIOR TO EXISTING MAINS BEING SHUT-DOWN OR CUT.

4. PRIOR TO MAKING CUT-IN-CONNECTIONS, THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE CITY ON PROCEDURE, NOTIFICATIONS TO USERS, AND TIMING.

5. THE CONNECTION SHALL BE DISINFECTED.

VALVE AND VALVE BOX NOTES

1. VALVES SHALL BE MECHANICAL JOINT RESILIENT WEDGE GATE VALVES.

2. VALVES SHALL BE CAST IRON, BRONZE MOUNTED, O-RING SEAL, WITH BRONZE NON-RISING STEMS.

3. VALVES SHALL BE OPEN LEFT AND BE TESTED TO 500 PSI WITH A 250 PSI WORKING PRESSURE.

4. ALLOWABLE VALVE MANUFACTURERS ARE AMERICAN FLOW CONTROL, MUELLER, AND CLOW.

5. VALVE BOXES SHALL BE ADJUSTABLE, 2-PIECE CAST IRON, FIVE AND ONE-QUARTER INCH (5-1/4") SHAFT ROADWAY-TYPE AND NO-TILT DROP COVER WITH "WATER" CAST INTO IT.

6. VALVE BOX EXTENSIONS WHEN NECESSARY SHALL BE CENTER SCREW TYPE EXTENSION THREADED MALE AT THE TOP AND FEMALE AT THE BOTTOM. THE EXTENSION SHALL BE COMPATIBLE WITH THE FIVE AND ONE-QUARTER (5-1/4") VALVE BOX.

7. VALVE BOX STABILIZER OF PVC MANUFACTURED BY VALVE BOX STABILIZER, INC. OR STABILIZER OF RUBBER BY VALVE BOX ADAPTER II MANUFACTURED BY ADAPTOR, INC. FOR SIX INCH (6") THROUGH TEN INCH (10") VALVE SHALL BE PROVIDED.

8. VALVE BOX MUST HAVE ADDITIONAL UPWARD OR DOWNWARD TRAVEL WHEN ADJUSTED TO FINISHED GRADE.

FIRE HYDRANT NOTES

1. ALL FIRE HYDRANTS SHALL HAVE A FIVE AND ONE QUARTER INCH (5-1/4") MAIN VALVE OPENING.

2. HYDRANT COLOR SHALL BE AS DIRECTED BY THE CITY.

3. THE HYDRANT SHALL BE FOR A FIVE AND ONE HALF FOOT (5-1/2') BURY DEPTH.

4. HYDRANT SHALL HAVE TWO (2) TWO AND ONE-HALF INCH (2-1/2") HOSE CONNECTIONS AND ONE (1) FOUR AND ONE HALF INCH (4-1/2") CONNECTION.

5. THREADS SHALL BE NATIONAL STANDARD.

6. THE HYDRANT SHALL HAVE A BREAKAWAY TRAFFIC FLANGE AND CONNECTION.

7. HYDRANT SHOES SHALL BE EITHER SIX INCH (6") MECHANICAL JOINT OR FLANGED DEPENDING ON THE APPLICATION.

8. HYDRANT LEADS MAY BE 6 INCH (6") SWIVEL ANCHORING COUPLING. HYDRANT TEES SHALL BE USED IN LIEU OF SWIVEL COUPLING PIPE IF NECESSARY.

9. ALL FIRE HYDRANTS (EXISTING AND PROPOSED) NOT IN SERVICE SHALL BE BAGGED OR IDENTIFIED WITH SIGNAGE.

10. ALLOWABLE HYDRANT IS CLOW MEDALLION.

WATER MAIN TESTING NOTES

1. ALL WATER MAIN SHALL BE PRESSURE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS AND AS OUTLINED IN SPECIAL PROVISIONS.

2. ALL WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE TO METHODS STATED IN AWWA STANDARD C651, LATEST EDITION.

3. ALL DISINFECTION SHALL BE UNDER THE DIRECT SUPERVISION OF A LICENSED CITY WATER OPERATOR OR DESIGNATED REPRESENTATIVE.

4. BACTERIOLOGICAL SAMPLES ARE REQUIRED AT BOTH ENDS, AND SHALL BE TAKEN BY A LICENSED IEPA WATER OPERATOR EMPLOYED BY THE CITY OR BY A PRE-APPROVED PRIVATE FIRM.

5. PRECAUTIONS SHALL BE FOLLOWED TO ENSURE THAT ANY OF THE DISINFECTING AGENTS DO NOT FLOW BACK INTO THE LINE SUPPLYING WATER.

6. ALL WATER MAINS SHALL BE FLUSHED TO REMOVE ANY SOLIDS OR CONTAMINATED MATERIAL THAT MAY HAVE BECOME LODGED IN THE PIPE. ARRANGEMENTS MUST BE MADE WITH THE PUBLIC WORKS DEPARTMENT, PRIOR TO FLUSHING.

7. ALL WATER MAINS SHALL BE TESTED BY MEANS OF REPRESENTATIVE SAMPLES FROM THE NEWLY INSTALLED SYSTEM FOR BACTERIOLOGICAL CONTAMINATION BY A CERTIFIED IEPA LABORATORY, AT THE CONTRACTOR'S EXPENSE.

TRENCH MATERIAL

1. THE PIPE BEDDING SHALL BE PLACED SO THAT THE ENTIRE LENGTH OF THE PIPE WILL HAVE FULL BEARING. NO BLOCKING OF ANY KIND SHALL BE USED TO ADJUST THE PIPE TO GRADE EXCEPT WHEN USED WITH CONCRETE ENCASEMENT.

2. THE MATERIAL FOR FOUNDATION, BEDDING, HAUNCHING AND INITIAL BACKFILL SHALL BE WET COARSE AGGREGATE OR MOIST FINE AGGREGATE AND SHALL MEET THE REQUIREMENTS OF THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". THE AGGREGATE GRADATION SHALL BE CA-7. UNIFORM LAYERS SHALL BE PLACED NOT EXCEEDING SIX (6) INCHES, THEN WELL-COMPACTED BY MECHANICAL MEANS.

3. THE MATERIAL FOR FINAL BACKFILL SHALL BE SELECTED GRANULAR MATERIAL OF CA-6 USING METHODS 1 OR 2; OR WITH CLSM USING METHOD 3, SPECIFIED BY ARTICLE 20-4.06B.

DEWATERING

1. DEWATERING SUFFICIENT TO MAINTAIN THE WATER LEVEL TWELVE (12) INCHES BELOW THE SURFACE OF THE TRENCH BOTTOM OR BASE OF THE BEDDING COURSE, SHALL BE ACCOMPLISHED PRIOR TO PIPE LAYING AND JOINTING, IF NOT PRIOR TO EXCAVATION AND PLACING OF THE BEDDING AS CALLED FOR IN OTHER SECTIONS OF THE STANDARD SPECIFICATIONS. THE DEWATERING OPERATION, HOWEVER ACCOMPLISHED, SHALL BE CARRIED OUT SO THAT IT DOES NOT DESTROY OR WEAKEN THE STRENGTH OF THE SOIL UNDER OR ALONGSIDE THE TRENCH THE NORMAL WATER TABLE SHALL BE RESTORED TO ITS NATURAL LEVEL IN SUCH A MANNER AS TO NOT DISTURB THE PIPE AND ITS FOUNDATION.

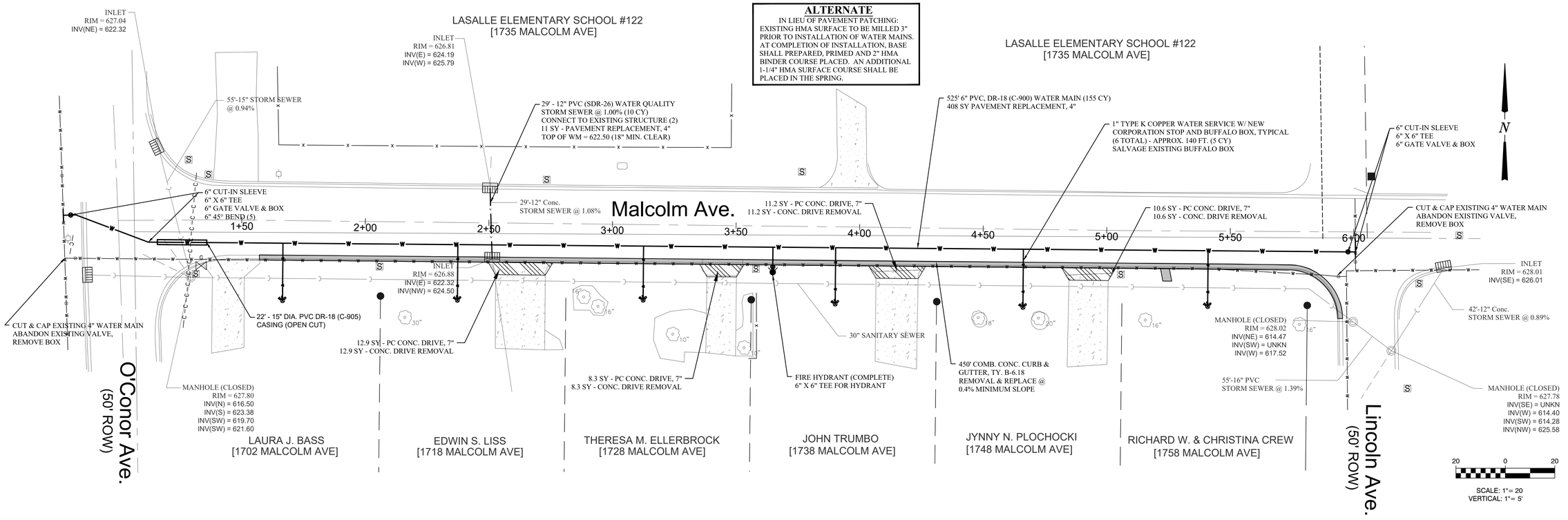
2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AMPLE MEANS AND DEVICES WITH WHICH TO PROMPTLY REMOVE AND PROPERLY DISPOSE OF ALL WATER. DEWATERING, IF NECESSARY, SHALL BE CONSIDERED INCIDENTAL TO THE WATER MAIN CONSTRUCTION.

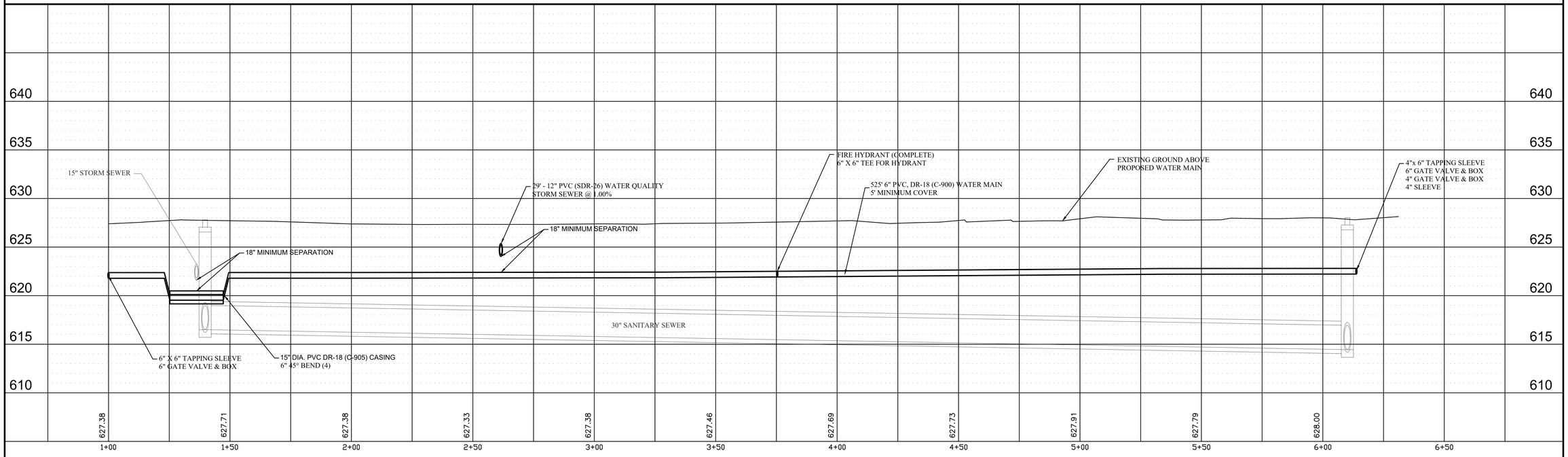
WATER MAIN AND SEWER SEPARATION

1. WATER MAINS OR SERVICES THAT ARE LAID IN THE VICINITY OF PIPELINES DESIGNATED TO CARRY SANITARY/STORM SEWER SHALL BE THE CONDITIONS SET FORTH IN ARTICLE 41-2.01 OF THE STANDARD SPECIFICATIONS. WATER MAINS SHALL BE CONSTRUCTED SO THAT NO WATER PIPE IS IN CONTACT WITH OR ENCLOSED BY ANY PART OF A SANITARY/STORM SEWER OR SANITARY/STORM SEWER STRUCTURE AND IN ACCORDANCE WITH ARTICLE 41-2.01F OF THE STANDARD SPECIFICATIONS.

DRAWN BY:	CAD:	REVISIONS DATE	BY	THE CITY OF LaSalle ILLINOIS	CITY OF LA SALLE MALCOLM, CREVE COEUR & GUNN AVENUE 2025 WATER MAIN REPLACEMENTS	GENERAL NOTES 2025 WATER MAIN REPLACEMENTS	SCALE:	SHEET 2
CHECKED BY:	DATE:						FILE NO.:	OF 7

ALTERNATE
IN LIEU OF PAVEMENT PATCHING: EXISTING HMA SURFACE TO BE MILLED 3" PRIOR TO INSTALLATION OF WATER MAINS. AT COMPLETION OF INSTALLATION, BASE SHALL PREPARED, PRIMED AND 2" HMA BINDER COURSE PLACED. AN ADDITIONAL 1-1/4" HMA SURFACE COURSE SHALL BE PLACED IN THE SPRING.





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CHECKED BY:	DATE:				SCALE: / FILE NO.:

SHEET 3 OF 7

Sam J Volpe
105 Gunn Ave
16-10-351-047

Jose & Myrna Gutierrez
111 Gunn Ave
16-10-351-021

Miguel A. Hermosillo
129 Gunn Ave
16-10-351-023

Grant M. Bodmer
1205 Creve Coeur St
16-10-351-45

Robert G. &
Amanda M Graham
1202 Creve Coeur St
16-10-355-005

Michael
Raccuglia
1174 Creve Coeur St
16-10-355-010

Gregorio & Norma Garcia
1180 Chartres St
16-10-358-001

Jeffery T Whittle
104 Gunn Ave
16-10-358-002

Brian & Michelle Argubright
112 Gunn Ave
16-10-358-022

Wangs Property
Investment & Managment LLC
126 Gunn Ave
16-10-358-023

Benjamin F. Vanvactor &
Mandy R. Vowels
130 Gunn Ave
16-10-358-006

Gunn Avenue

Creve Coeur St

Charters Street (Airport Road)

Conc

Grav

LS

CUT & CAP EXISTING 4" WATER MAIN
ABANDON EXISTING VALVE,
REMOVE VALVE VAULT

REMOVE EXISTING FIRE HYDRANT
ABANDON EXISTING VALVE,
REMOVE VALVE BOX

1" TYPE K COPPER WATER SERVICE W/ NEW
CORPORATION STOP AND BUFFALO BOX, TYPICAL
(8 TOTAL) - APPROX. 153 FT. (23 CY)
36 SY PAVEMENT REPLACEMENT, 4"
SALVAGE EXISTING BUFFALO BOX

53' 6" PVC, DR-18 (C-900) WATER MAIN (19 CY)
6" CUT-IN SLEEVE
6" GATE VALVE & BOX
6" x 6" TEE (2)
6" CAP
6" 22.5° BEND
30 SY PAVEMENT REPLACEMENT, 4"

24' - 12" PVC (SDR-26) WATER QUALITY
STORM SEWER @ 2.30% (7 CY)
CONNECT TO EXISTING STRUCTURE (2)
10 SY - PAVEMENT REPLACEMENT, 4"
TOP OF WM = 602.80 (18" MIN. CLEAR)

FIRE HYDRANT (COMPLETE)
6" X 6" TEE FOR HYDRANT
10' CONC. CURB & GUTTER R&R

Existing Stm Inlet
Rim = 608.28
Inv (15" PVC - WQ) = 604.33

6" X 6" TEE
6" GATE VALVE & BOX

Sink Hole

24' - 12" PVC (SDR-26) WATER QUALITY
STORM SEWER @ 5.46% (8 CY)
CONNECT TO EXISTING STRUCTURE (2)
10 SY - PAVEMENT REPLACEMENT, 4"
TOP OF WM = 602.50 (18" MIN. CLEAR)

CUT & CAP EXISTING 6" WATER MAIN
ABANDON EXISTING VALVE,
REMOVE VALVE VAULT

Existing Stm Inlet
Rim = 607.55
Inv (12") = 605.65

Existing Stm MH
Rim = 608.44
Inv (24" N & S) = 604.24

Existing Stm Inlet
Rim = 607.78
Inv (12") = 604.88

Existing Stm MH
Rim = 608.10
Inv (12" NE) = 605.54
Inv (15" SW) = 605.54

22' - 15" DIA. PVC DR-18 (C-905)
CASING (OPEN CUT)
TOP OF WM = 601.50 (18" SEP.)
6" 45° BEND (2)

32' - 15" DIA. PVC DR-18 (C-905)
CASING (OPEN CUT)
TOP OF WM = 599.50 (18" SEP.)

Existing Stm Inlet
Rim = 607.43
Inv(12" N) = 604.23
Inv(15" S) = 604.23

Existing Stm MH
Rim = 608.90
Inv(15" N - WQ & NW) = 603.90
Inv(21" E) = 603.90

Existing Stm Inlet
Rim = 607.69
Inv (12" S) = 605.69

Existing San MH
Rim = 608.11
Approx Inv (10") = 602.44

Existing Stm MH
Rim = 608.57
Inv (24" N) = 603.12
Inv (21" W) = 602.87
Inv (24" E) = 601.02
Inv (30" S) = 601.02

205' 6" PVC, DR-18 (C-900) WATER MAIN (102 CY)
6° 22.5° BEND (2)
6° 11.25° BEND
96 SY PAVEMENT REPLACEMENT, 4"

Ex. Valve Vault

Ex. Stm Inlet
Rim = 614.23

Ex. Stm MH
Rim = 613.75

Existing Sanitary Manhole
Rim = 613.70
Inv = 604.35

1+00
2+00
3+00
4+00
5+00
5+47
5+79
6+00
6+04
6+21
6+33

392' 6" PVC, DR-18 (C-900) WATER MAIN (114 CY)
180 SY PAVEMENT REPLACEMENT, 4"

FIRE HYDRANT (COMPLETE)
6" X 6" TEE FOR HYDRANT
10' CONC. CURB & GUTTER R&R

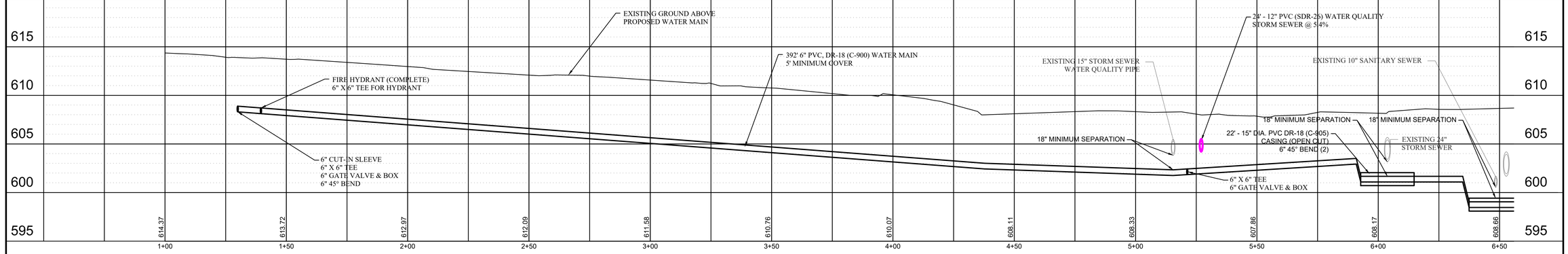
6" CUT-IN SLEEVE
6" X 6" TEE
6" GATE VALVE & BOX
6" 45° BEND

ALTERNATE
IN LIEU OF PAVEMENT PATCHING:
EXISTING HMA SURFACE TO BE MILLED 3" PRIOR TO INSTALLATION OF WATER MAINS. AT COMPLETION OF INSTALLATION, BASE SHALL PREPARED, PRIMED AND 2" HMA BINDER COURSE PLACED. AN ADDITIONAL 1-1/4" HMA SURFACE COURSE SHALL BE PLACED IN THE SPRING.

N

0 20 40

SCALE: 1"=20'



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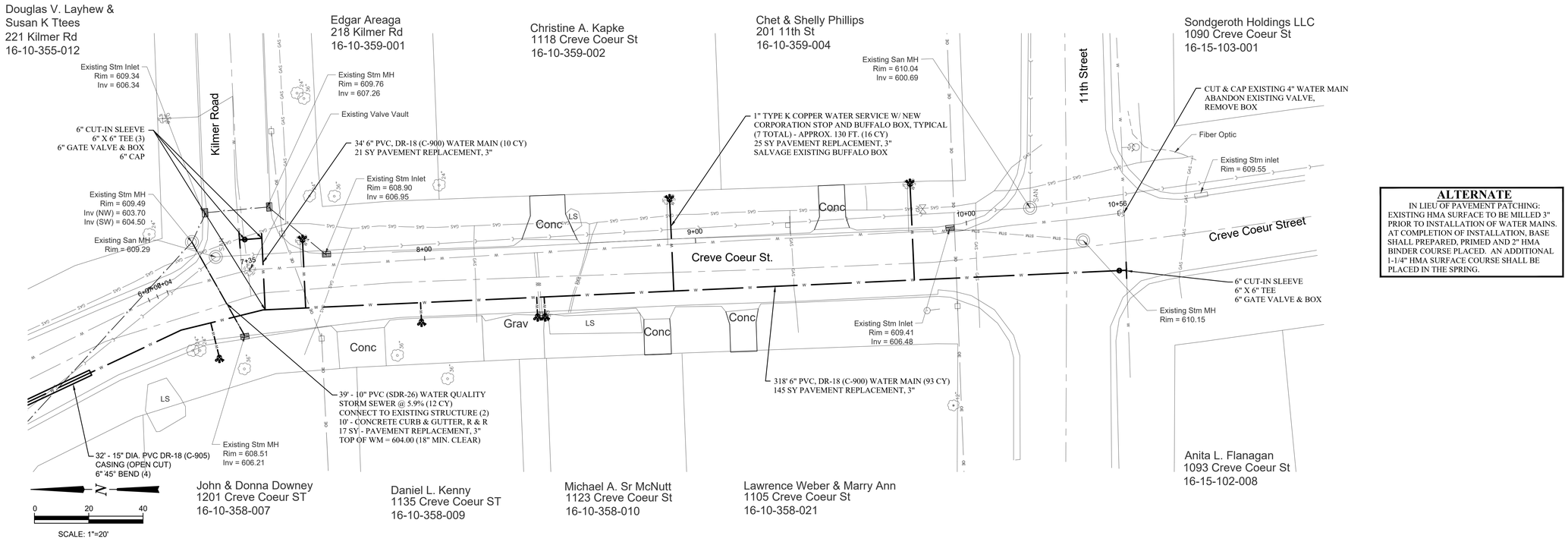
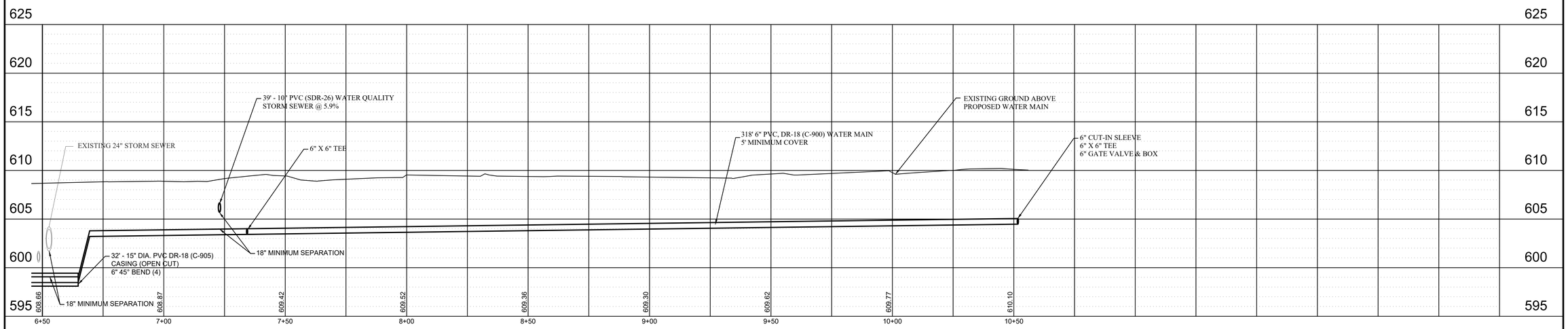
CHECKED BY:	DATE:					FILE NO.:	OF 7



ALTERNATE

IN LIEU OF PAVEMENT PATCHING: EXISTING HMA SURFACE TO BE MILLED 3" PRIOR TO INSTALLATION OF WATER MAINS. AT COMPLETION OF INSTALLATION, BASE SHALL PREPARED, PRIMED AND 2" HMA BINDER COURSE PLACED. AN ADDITIONAL 1-1/4" HMA SURFACE COURSE SHALL BE PLACED IN THE SPRING.



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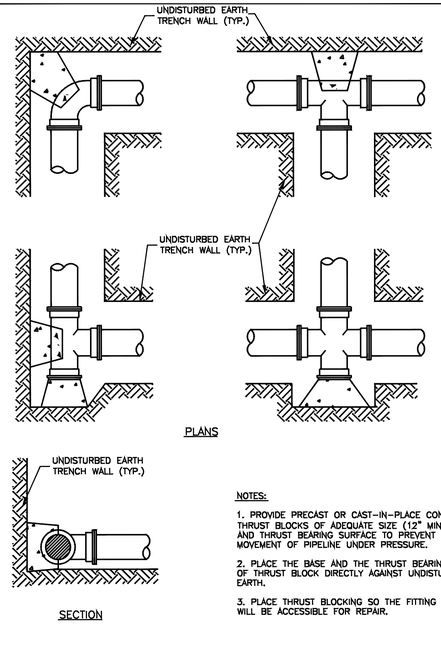
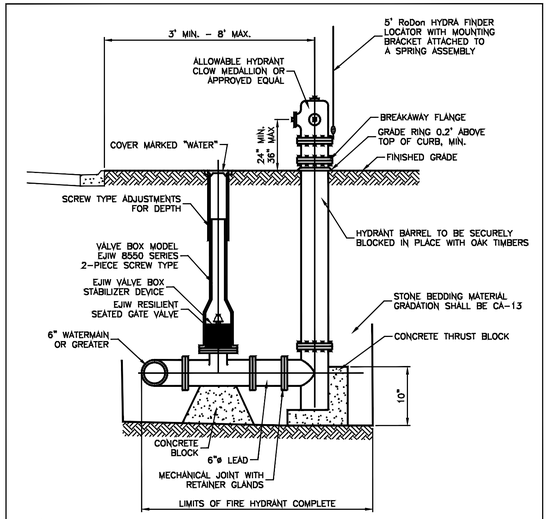
CHECKED BY:	DATE:						FILE NO.:	OF 7



NOTES:

1. PROVIDE PRECAST OR CAST-IN-PLACE CONCRETE THRUST BLOCKS OF ADEQUATE SIZE (12" MINIMUM) AND THRUST BEARING SURFACE TO PREVENT MOVEMENT OF PIPELINE UNDER PRESSURE.
2. PLACE THE BASE AND THE THRUST BEARING SIDES OF THRUST BLOCK DIRECTLY AGAINST UNDISTURBED EARTH.
3. PLACE THRUST BLOCKING SO THE FITTING JOINTS WILL BE ACCESSIBLE FOR REPAIR.

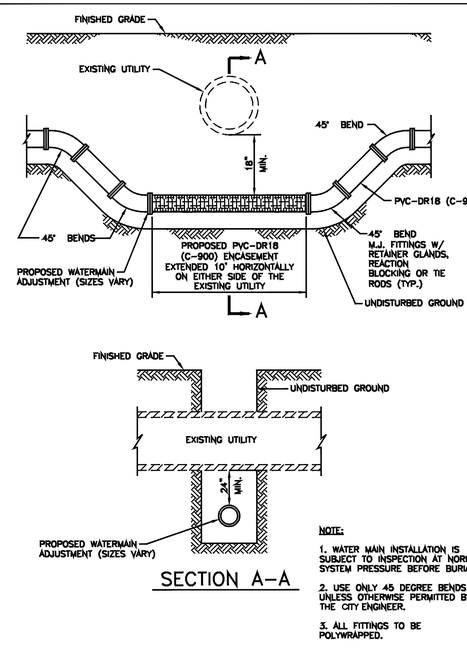
TYPICAL THRUST BLOCK INSTALLATIONS



NOTES:

1. ALL CASTINGS SHALL BE MADE IN THE U.S.A. WITH U.S.A. MATERIALS. FIRE HYDRANTS SHALL MEET AWWA C-502 AND SHALL BE CLOW MEDALLION SERIES, OR APPROVED EQUAL WITH A 5-1/4" VALVE OPENING, TWO 2-1/2" HOSE NOZZLES AND ONE 4-1/2" PUMPER NOZZLE. THREADS SHALL CONFORM TO NATIONAL STANDARD SPECIFICATIONS.
2. HYDRANTS SHALL BE INSTALLED NO CLOSER THAN THREE FEET NOR FARTHER THAN 8 FEET FROM THE BACK OF CURB. NO HYDRANT SHALL BE INSTALLED WITHIN 48" OF ANY OBSTRUCTION NOR SHALL ANY OBSTRUCTION BE PLACED WITHIN 48" OF A HYDRANT.
3. THE HYDRANTS SHALL BE PAINTED RED BY THE MANUFACTURER.
4. ALL VALVES SHALL OPEN COUNTER CLOCKWISE AND CLOSE CLOCKWISE WITH NON-RISING STEM.
5. HYDRANT DRAIN HOLE SHALL BE FREE OF CONCRETE.
6. INSTALLATION INCLUDES TEE FOR HYDRANT.

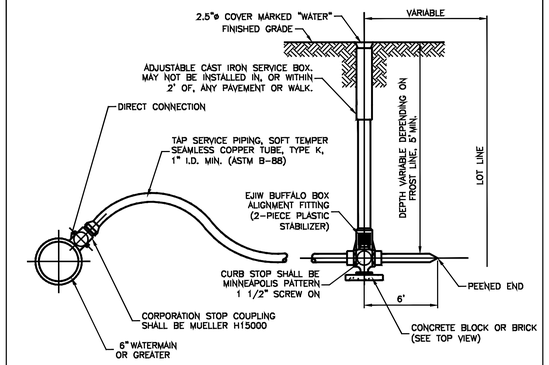
FIRE HYDRANT COMPLETE - INSTALLATION DETAIL



NOTE:

1. WATER MAIN INSTALLATION IS SUBJECT TO INSPECTION AT NORMAL SYSTEM PRESSURE BEFORE BURIAL.
2. USE ONLY 45 DEGREE BENDS UNLESS OTHERWISE PERMITTED BY THE CITY ENGINEER.
3. ALL FITTINGS TO BE POLYWRAPPED.

DETAIL OF WATERMAIN ADJUSTMENT

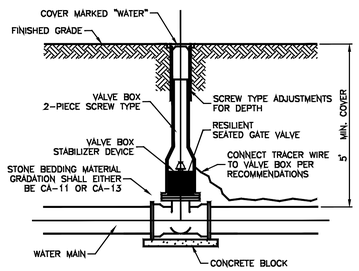


SERVICE PIPE	CORP STOP	CURB STOP	SERVICE BOX
1"	1"	1"	1 1/2"
1 1/4"	1 1/4"	1 1/4"	3"
1 1/2"	1 1/4" x 1 1/2"	1 1/2"	3"
2"	1 1/2" x 2"	2"	3"

NOTES:

1. BUFFALO BOX ON WATER SERVICE LINES SHALL BE INSTALLED IN THE CENTER OF THE LOT, IN THE PARKWAY, AND NEVER IN SIDEWALK OR DRIVEWAY.

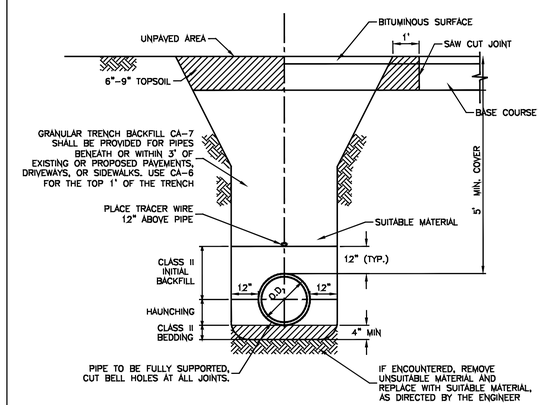
TYPICAL WATER SERVICE INSTALLATION



NOTE:

1. ALL VALVES SHALL OPEN COUNTER CLOCKWISE AND CLOSE CLOCKWISE WITH NON-RISING STEM.

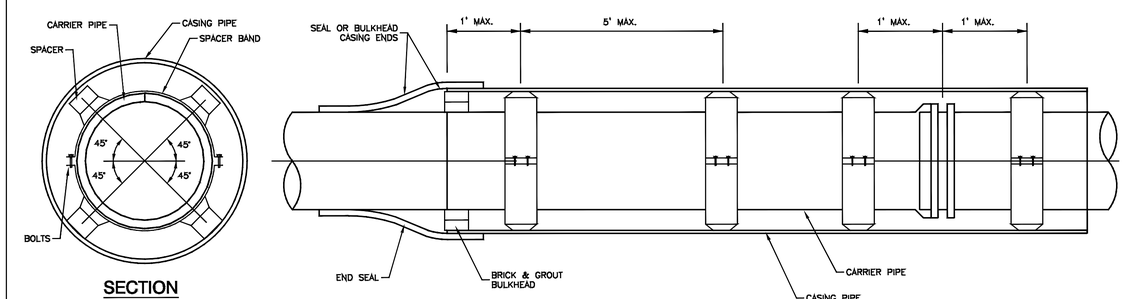
TYPICAL VALVE IN BOX INSTALLATION



NOTES:

1. TRENCH SHALL BE IN ACCORDANCE WITH OSHA SAFETY STANDARDS.

TRENCH BACKFILL DETAIL FOR WATERMAIN



CASING SPACER INSTALLATION

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CHECKED BY:	DATE:				

THE CITY OF LaSalle ILLINOIS

SCALE:	SHEET 6
FILE NO.:	OF 7

SOIL EROSION AND SEDIMENTATION CONTROL–NOTES

1. GENERAL

   A. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF THE CITY OF LA SALLE ORDINANCES AND CITY CODE, THE ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL, AND IEPA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL.

   B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES.

   C. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.

   D. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEANUP FUEL OR CHEMICAL SPILLS AND LEAKS.

   E. DUST ON THE SITE SHALL BE CONTROLLED, THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATION IS PROHIBITED.

   F. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

   G. REPAIR ANY SILTATION OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGE WAYS RESULTING FROM LAND DEVELOPING OR DISTURBING ACTIVITIES.

   H. CONSTRUCT TEMPORARY SITE ACCESS POINTS USING AN AGGREGATE SURFACE FOR VEHICLE WASHING. DO NOT TRACK OR SPILL DIRT ONTO ADJACENT ROADWAYS. IF DIRT IS DEPOSITED ON PUBLIC OR PRIVATE PAVEMENTS, REMOVE THE DIRT IMMEDIATELY. ALL PAVEMENT TO BE THOROUGHLY CLEANED AT THE END OF EACH DAY BY METHOD OTHER THAN FLUSHING WITH WATER.

2. IMPLEMENTATION

   A. BEFORE STARTING SITE GRADING WORK, EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS. IF DIRECTED BY THE MUNICIPAL ENGINEER, THE CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES WHERE NEEDED.

   B. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES, IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.

   C. ANY PUBLIC AND/OR PRIVATE ROADS THAT ARE ADJACENT TO THE SITE AND USED FOR INGRESS AND EGRESS, SHALL BE MONITORED AND SWEPT WHEN DIRTY AT THE DIRECTION OF THE CITY OF LA SALLE

   D. STAKED STRAW BALES SHALL BE INSTALLED AND MAINTAINED AROUND INTAKE STRUCTURES (I.E. INLETS, CATCH BASINS) AS SHOWN ON THE PLAN. THE CONTRACTOR, AT HIS OPTION, MAY USE SILT FENCES INSTEAD OF STRAW BALES.

   E. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 10 DAYS, SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED AROUND SUCH STOCKPILE. IF MORE THAN 2 MONTHS, THEN IT IS REQUIRED THAT THE STOCKPILE BE SEEDED SO AS TO MINIMIZE SOIL EROSION BY BOTH WIND AND WATER.

3. INSPECTION AND MAINTENANCE

   A. THE TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE AND WORK EFFECTIVELY UNTIL ALL THE PERMANENT EROSION CONTROL ITEMS ARE FULLY FUNCTIONAL.

   B. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES WEEKLY AND AFTER ANY STORM EVENT IN EXCESS OF ½". ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY.

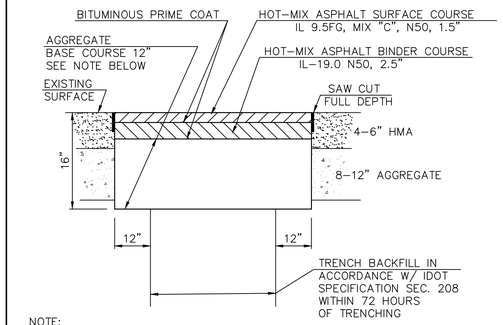
   C. AT THE COMPLETION OF THE PROJECT, ALL STORM SEWER PIPES AND STRUCTURES SHALL BE CLEANED AND FREE OF DIRT AND DEBRIS. THE SEDIMENTATION SHALL BE REMOVED FROM THE STORM SEWER SYSTEM AND SHALL NOT BE WASHED OUT IN THE STORM SEWER SYSTEM.

SEEDING MIXTURES SHALL BE AS FOLLOWS

Class	Seeds	lbs/acre–Pure Live Seed
1	KY Bluegrass	100
	Perennial Ryegrass	60
	Creeping Red Fescue	40

TEMPORARY SEEDING MIXTURES SHALL BE AS FOLLOWS

Class	Seeds	lbs/acre–Pure Live Seed
7	Perennial Ryegrass	50

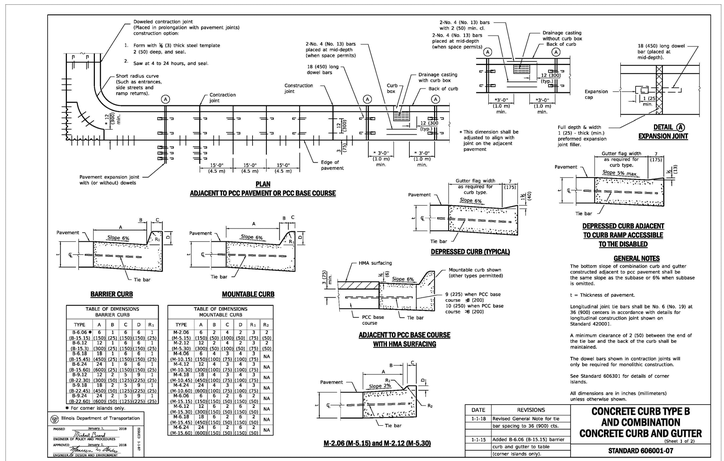


NOTE:

CONTRACTOR TO PLACE CA–6 AGGREGATE, 16" THICK TO TOP SURFACE OF EXISTING PAVEMENT TO BE REMOVED AT LOCATIONS SHOWN ON PLANS TO PROVIDE TEMPORARY SURFACING UNTIL PLACEMENT OF PAVEMENT SURFACE. CONTRACTOR TO REMOVE 4" OF AGGREGATE PRIOR TO PLACEMENT OF HOT–MIX ASPHALT. PAYMENT TO BE AT THE CONTRACT PRICE PER SQUARE YARD AND WORK SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED TO RESTORE PAVEMENT AS DETAILED, INCLUDING PLACING AND REMOVING THE ADDITIONAL AGGREGATE REQUIRED FOR TEMPORARY SURFACE. AREAS THAT RECEIVE FINAL OVERLAY, ONLY THE BINDER SHALL BE PLACED UNTIL FINAL SURFACING IS DONE.

HOT-MIX ASPHALT PAVEMENT REPLACEMENT DETAIL

NOT TO SCALE



NOTE:

1.) CONTRACTOR TO PLACE BASE COURSE, 9" THICK TO TOP SURFACE OF EXISTING DRIVEWAY PAVEMENT TO PROVIDE TEMPORARY SURFACING UNTIL PLACEMENT OF CONCRETE SURFACE. CONTRACTOR TO REMOVE TOP 6" OF AGGREGATE PRIOR TO PLACEMENT OF CONCRETE SURFACE. PAYMENT TO BE AT THE CONTRACT PRICE PER SQUARE YARD AND WORK SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED TO RESTORE PAVEMENT AS DETAILED, INCLUDING PLACING AND REMOVING THE ADDITIONAL 6" AGGREGATE REQUIRED FOR TEMPORARY SURFACE. TRENCH BACKFILL SHALL BE PAID FOR SEPARATELY.

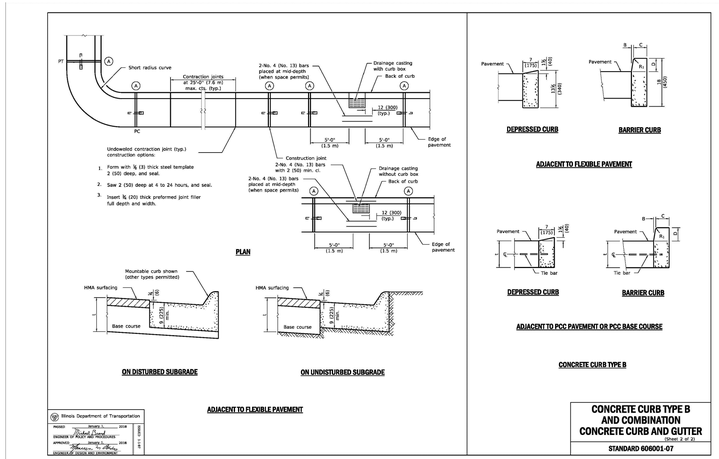
CONCRETE DRIVEWAY REPLACEMENT DETAIL

NOT TO SCALE

NOTE:
THE COST OF ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY TO PLACE PIPE INTO EXISTING STUCTURE AS SHOWN SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWER BEING INSTALLED.

NEW PIPE CONNECTION TO EXISTING STRUCTURE

NOT TO SCALE



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CHECKED BY:	DATE:	DATE	BY		

CONSTRUCTION DETAILS - MISCELLANEOUS 2025 WATER MAIN REPLACEMENTS	SCALE:	SHEET 7
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