



**Illinois Department  
of Transportation**

**Local Public Agency  
Formal Contract**

PROPOSAL SUBMITTED BY		
Schroeder Asphalt Services, Inc.		
Contractor's Name		
P.O. Box 831		
Street		P.O. Box
Huntley	IL	60142
City	State	Zip Code

COUNTY STATE OF ILLINOIS  
DU PAGE  
VILLAGE OF LOMBARD  
(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF  
STREET NAME OR ROUTE VARIOUS  
SECTION NO. 20-00000-01-GM  
TYPES OF FUNDS MOTOR FUEL TAX

☒ SPECIFICATIONS (required)

☐ PLANS (required)

☒ CONTRACT BOND (when required)

**For Municipal Projects**

Submitted/Approved/Passed

☐ Mayor ☒ President of Board of Trustees ☐ Municipal Official

June 1, 2020

**Department of Transportation**

☒ Concurrence in approval of award

Regional Engineer

Date

6/12/2020

**For County and Road District Projects**

Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date



LICENSE EXPIRES: 11/30/21

County DuPage  
Local Public Agency Village of Lombard  
Section Number 19-00000-01-GM  
Route Various

1. THIS AGREEMENT, made and concluded the 1<sup>st</sup> day of June 2020,  
Month and Year  
between the Village of Lombard  
acting by and through its President and Board of Trustees known as the party of the first part, and  
Schroeder Asphalt Services, Inc. his/their executors, administrators, successors or assigns,  
known as the party of the second part.
2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part 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 terms of this agreement and the requirements of the Engineer under it.
3. And it is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section 20-00000-01-GM, in Lombard, Illinois, approved by the Illinois Department of Transportation on May 8, 2020,  
Date  
are 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.

Attest:

Sharon Kuderus

Clerk

(Seal)

The Village of Lombard

By [Signature]

Party of the First Part

(If a Corporation)

Corporate Name Schroeder Asphalt Services, Inc.

By [Signature]

President

/Ronald Schroeder  
Party of the Second Part

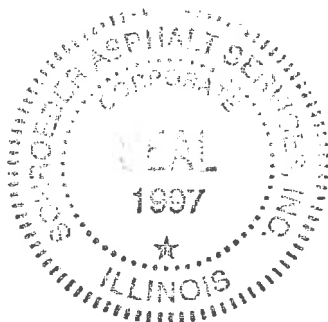
(If a Co-Partnership)

Attest:

Grace A. Foss

Secretary

/Grace Foss



Partners doing Business under the firm name of

Party of the Second Part

(If an individual)

Party of the Second Part



**Illinois Department  
of Transportation**

**Local Public Agency  
Formal Contract**

PROPOSAL SUBMITTED BY		
Schroeder Asphalt Services, Inc.		
Contractor's Name		
P.O. Box 831		
Street	P.O. Box	
Huntley	IL	60142
City	State	Zip Code

COUNTY \_\_\_\_\_ STATE OF ILLINOIS  
DU PAGE  
VILLAGE OF LOMBARD  
(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF  
STREET NAME OR ROUTE \_\_\_\_\_ VARIOUS  
SECTION NO. \_\_\_\_\_ 20-00000-01-GM  
TYPES OF FUNDS \_\_\_\_\_ MOTOR FUEL TAX

☒ SPECIFICATIONS (required)

☐ PLANS (required)

☒ CONTRACT BOND (when required)

**For Municipal Projects**

Submitted/Approved/Passed

☐ Mayor ☒ President of Board of Trustees ☐ Municipal Official

June 1, 2020

**Department of Transportation**

☒ Concurrence in approval of award

Regional Engineer

Date

6/12/2020

**For County and Road District Projects**

Submitted/Approved

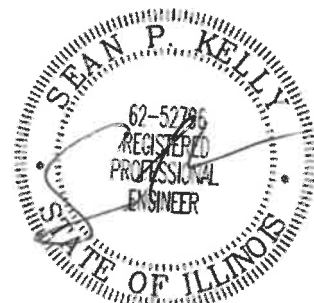
Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date



LICENSE EXPIRES: 11/30/21



**Illinois Department  
of Transportation**

\*\*\* Executed in Four (4) Counterparts

**Contract Bond**

Route Various  
County DuPage  
Local Agency Village of Lombard  
Section 20-00000-01-GM

BOND NO. HGMW-10-238-1358

Project: Asphalt Paving/Patching

We, SCHROEDER ASPHALT SERVICES, INC.

PO Box 831, Huntley, IL 60142

a/an) ☐ Individual ☐ Co-partnership ☒ Corporation organized under the laws of the State of Illinois,

as PRINCIPAL, and Hudson Insurance Company

100 William Street, 5th Floor, New York, NY 10038

as SURETY,

are held and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of  
Eight Hundred Eighty Four Thousand Six Hundred Forty Four and 52/100

Dollars ( \$884,644.52 ), lawful money of the

United States, well and truly to be paid unto said LA, for the payment of which we bind ourselves, our heirs, executors, administrators, successors, jointly to pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said Principal has entered into a written contract with the LA acting through its awarding authority for the construction of work on the above section, 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 inure 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.

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 all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation to be void; otherwise to remain in full force and effect.



IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 8th day of June

PRINCIPAL

Schroeder Asphalt Services, Inc.

(Company Name)

By:

*Grace Foss, President*

(Signature & Title)

Attest:

*Grace Foss, Corp. Secretary*

(Signature & Title)

By:

(Company Name)

(Signature & Title)

Attest:

(Signature & Title)

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

STATE OF ILLINOIS,

COUNTY OF

I,

*McHenry*  
*Jennifer Griebel*  
*Ronald Schroeder + Grace Foss*

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

(Insert names of individuals signing on behalf of PRINCIPAL)

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

Given under my hand and notarial seal this 8th day of June

My commission expires

*4/3/21*

Notary Public

SURETY

By:

*James I. Moore*

(Signature of Attorney-in-Fact)

James I. Moore

Hudson Insurance Company

(Name of Surety)

STATE OF ILLINOIS.

COUNTY OF

DuPage

I,

Graciela Casaus

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

James I. Moore

(Insert names of individuals signing on behalf of SURETY)

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

Given under my hand and notarial seal this 8th day of June

My commission expires

05/05/2023

Notary Public

*Graciela Casaus*

A.D. 2020

OFFICIAL SEAL  
GRACIELA CASAUS

NOTARY PUBLIC - STATE OF ILLINOIS  
MY COMMISSION EXPIRES: 05/05/23

Approved this

1st

day of

June

, A.D. 2020

Attest:

*Sharon Kuderna*

Village of Lombard Clerk

Village of Lombard

(Awarding Authority)

*James I. Moore*

(Chairman/Mayor/President)

Bond No. Bid Bond



## POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That HUDSON INSURANCE COMPANY, a corporation of the State of Delaware, with offices at 100 William Street, New York, New York, 10038, has made, constituted and appointed, and by these presents, does make, constitute and appoint

James I. Moore of the State of IL

its true and lawful Attorney(s)-in-Fact, at New York, New York, each of them alone to have full power to act without the other or others, to make, execute and deliver on its behalf, as Surety, bonds and undertakings given for any and all purposes, also to execute and deliver on its behalf as aforesaid renewals, extensions, agreements, waivers, consents or stipulations relating to such bonds or undertakings provided, however, that no single bond or undertaking shall obligate said Company for any portion of the penal sum thereof in excess of the sum of **Ten Million Dollars (\$10,000,000.00)**.

Such bonds and undertakings when duly executed by said Attorney(s)-in-Fact, shall be binding upon said Company as fully and to the same extent as if signed by the President of said Company under its corporate seal attested by its Secretary.

In Witness Whereof, HUDSON INSURANCE COMPANY has caused these presents to be of its Senior Vice President thereunto duly attested on this 14th day of December, 20 17 at New York, New York.



Attest  
Dina Daskalakis  
Corporate Secretary

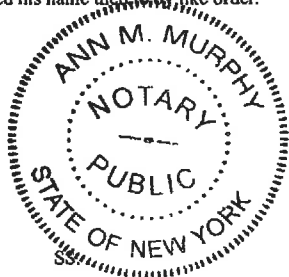
HUDSON INSURANCE COMPANY

By Michael P. Cifone  
Michael P. Cifone  
Senior Vice President

STATE OF NEW YORK  
COUNTY OF NEW YORK SS.

On the 14th day of December, 20 17 before me personally came Michael P. Cifone to me known, who being by me duly sworn did depose and say that he is a Senior Vice President of HUDSON INSURANCE COMPANY, the corporation described herein and which executed the above instrument, that he knows the seal of said Corporation, that the seal affixed to said instrument is such corporate seal, that it was so affixed by order of the Board of Directors of said Corporation, and that he signed his name thereto by like order.

(Notarial Seal)



Ann M. Murphy  
ANN M. MURPHY  
Notary Public, State of New York  
No. 01MU6067553  
Qualified in Nassau County  
Commission Expires December 10, 2021

STATE OF NEW YORK  
COUNTY OF NEW YORK SS.

## CERTIFICATION

The undersigned Dina Daskalakis hereby certifies:

That the original resolution, of which the following is a true and correct copy, was duly adopted by unanimous written consent of the Board of Directors of Hudson Insurance Company dated July 27<sup>th</sup>, 2007, and has not since been revoked, amended or modified:

"RESOLVED, that the President, the Executive Vice Presidents, the Senior Vice Presidents and the Vice Presidents shall have the authority and discretion, to appoint such agent or agents, or attorney or attorneys-in-fact, for the purpose of carrying on this Company's surety business, and to empower such agent or agents, or attorney or attorneys-in-fact, to execute and deliver, under this Company's seal or otherwise, bonds obligations, and recognizances, whether made by this Company as surety thereon or otherwise, indemnity contracts, contracts and certificates, and any and all other contracts and undertakings made in the course of this Company's surety business, and renewals, extensions, agreements, waivers, consents or stipulations regarding undertakings so made; and

FURTHER RESOLVED, that the signature of any such Officer of the Company and the Company's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seal when so used whether heretofore or hereafter, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed."

THAT the above and foregoing is a full, true and correct copy of Power of Attorney issued by said Company, and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked, and furthermore that the Resolution of the Board of Directors, set forth in the said Power of Attorney is now in force.

Witness the hand of the undersigned and the seal of said Corporation this 8th day of June, 20 20.

(Corporate seal)



By Dina Daskalakis  
Dina Daskalakis, Secretary

**NOTICE TO BIDDERS**

County DuPage  
 Local Public Agency Village of Lombard  
 Section Number 20-00000-01-GM  
 Route Various

Sealed proposals for the improvement described below will be received at the office of Village of Lombard Public Works,  
1051 S. Hammerschmidt Avenue, Lombard, IL 60148 until 10:00 AM on May 19, 2020  
 Address Time Date

Sealed proposals will be opened and read publicly at the office of the Village of Lombard Public Works,  
1051 S. Hammerschmidt Avenue, Lombard, IL 60148 at 10:00 AM on May 19, 2020  
 Address Time Date

**DESCRIPTION OF WORK**

Name 2020 Asphalt Paving & Patching Program Length: 17,731 feet ( 3.358 miles)

Location Various locations

Proposed Improvement The construction of a 2" Hot-Mix Asphalt Surface Course, Leveling Binder, Hot-Mix Asphalt Surface Removal, Class D Patches, Concrete Curb & Gutter and Sidewalk Removal & Replacement and Parkway Restoration

1. Plans and proposal forms will be available online at: [www.questcdn.com](http://www.questcdn.com). Digital bid specifications may be downloaded for \$15.00 by inputting **Quest Project Number 7009740** on the website's Project Search page. Please contact QuestCDN at (952) 233-1632 or [info@questcdn.com](mailto:info@questcdn.com) for assistance in free membership, registration or downloading instructions.

2. ☒ Prequalification

If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and one original with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- a. BLR 12200: Local Public Agency Formal Contract Proposal
- b. BLR 12200a Schedule of Prices
- c. BLR 12230: Proposal Bid Bond (if applicable)
- d. BLR 12325: Apprenticeship or Training Program Certification (do not use for federally funded projects)
- e. BLR 12326: Affidavit of Illinois Business Office

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

**PROPOSAL**

County	<u>DuPage</u>
Local Public Agency	<u>Village of Lombard</u>
Section Number	<u>20-00000-01-GM</u>
Route	<u>Various</u>

1. Proposal of Schroeder Asphalt Services, Inc.  
P.O. Box 831, Huntley, IL 60142

for the improvement of the above section by the construction of a 2" Hot-Mix Asphalt Surface Course, Leveling Binder, Hot-Mix Asphalt Surface Removal, Class D Patches, Concrete Curb & Gutter and Sidewalk Removal & Replacement and Parkway Restoration.

a total distance of 17,731 feet, of which a distance of 17,731 feet, ( 3.358 miles) are to be improved.

2. The plans for the proposed work are those prepared by the Village of Lombard Public Works Department and approved by the Department of Transportation on .May 8, 2020
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within working days or by August 7, 2020 unless additional time is granted in accordance with the specifications.
6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

Village of Lombard Treasurer of Lombard, Illinois

The amount of the check is 5% of the Bid Amount (                      ).

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number 20-00000-01-GM.
8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.
9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.
12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.



# Illinois Department of Transportation

## SCHEDULE OF PRICES

County DuPageLocal Public Agency Village of LombardSection 20-00000-01-GMRoute Various

### Schedule for Multiple Bids

Combination Letter	Sections Included in Combinations	Total

### Schedule for Single Bid

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

<b>Bidder's Proposal for making Entire Improvements</b>	<b>\$884,644.52</b>
---	---------------------

Item No.	Items	Unit	Quantity	Unit Price	Total
	EARTH EXCAVATION	CY	50	\$25.00	\$1,250.00
	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	50	\$25.00	\$1,250.00
	AGGREGATE FOR TEMPORARY ACCESS	TN	100	\$15.00	\$1,500.00
	BITUMINOUS MATERIALS (TACK COAT)	LB	27,892	\$0.01	\$278.92
	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TN	70	\$100.00	\$7,000.00
	LEVELING BINDER (MACHINE METHOD), N50	TN	2,604	\$76.50	\$199,206.00
	TEMPORARY RAMP	SY	100	\$10.00	\$1,000.00
	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 2"	TN	2,425	\$75.00	\$181,875.00
	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"	TN	2,246	\$76.50	\$171,819.00
	PORTLAND CEMENT CONCRETE SIDEWALK 5"	SF	675	\$8.00	\$5,400.00
	DETECTABLE WARNINGS	SF	190	\$45.00	\$8,550.00
	HOT-MIX ASPHALT SURFACE REMOVAL 2.5"	SY	55,837	\$2.15	\$120,049.55
	DRIVEWAY PAVEMENT REMOVAL	SY	125	\$18.00	\$2,250.00
	COMBINATION CURB AND GUTTER REMOVAL	FT	757	\$8.00	\$6,056.00
	SIDEWALK REMOVAL	SF	875	\$2.00	\$1,750.00
	CLASS D PATCHES, TYPE IV, 6"	SY	350	\$38.00	\$13,300.00
	CLASS D PATCHES, TYPE IV, 10"	SY	200	\$60.00	\$12,000.00
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12	FT	657	\$24.00	\$15,768.00
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24	FT	100	\$30.00	\$3,000.00
	NON-SPECIAL WASTE DISPOSAL	CY	40	\$60.00	\$2,400.00
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701006	LS	1	\$1.00	\$1.00
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701301	LS	1	\$1.00	\$1.00
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701311	LS	1	\$1.00	\$1.00
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LS	1	\$21,000.00	\$21,000.00
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LS	1	\$1.00	\$1.00
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	LS	1	\$1.00	\$1.00

# RETURN WITH BID

**Bidder's Proposal for making Entire Improvements**

**\$884,644.52**

Item No.	Items	Unit	Quantity	Unit Price	Total
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LS	1	\$1.00	\$1.00
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LS	1	\$500.00	\$500.00
	SHORT TERM PAVEMENT MARKING	FT	12,000	\$0.40	\$4,800.00
	TEMPORARY PAVEMENT MARKING-LETTERS & SYMBOLS	SF	400	\$1.35	\$540.00
	TEMPORARY PAVEMENT MARKING-LINE 4"	FT	14,000	\$0.45	\$6,300.00
	THERMOPLASTIC PAVEMENT MARKING-LETTERS & SYMBOLS	SF	577	\$4.00	\$2,308.00
	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FT	9,090	\$0.65	\$5,908.50
	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FT	5,363	\$0.85	\$4,558.55
	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FT	1,683	\$1.80	\$3,029.40
	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FT	792	\$4.00	\$3,168.00
	DETECTOR LOOP REPLACEMENT	FT	1,394	\$15.80	\$22,025.20
	HOT-MIX ASPHALT DRIVEWAY PAVEMENT 3"	SY	125	\$17.00	\$2,125.00
	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	EA	45	\$400.00	\$18,000.00
	DRAINAGE AND UTILITY STRUCTURES TO BE RECONSTRUCTED	EA	5	\$1,200.00	\$6,000.00
	PULVERIZED TOPSOIL, FURNISHED AND PLACED, 4" (SPECIAL)	SY	1,200	\$5.00	\$6,000.00
	SEEDING, CLASS 1A (SPECIAL)	SY	1,200	\$1.50	\$1,800.00
	EROSION CONTROL BLANKET	SY	1,200	\$2.00	\$2,400.00
	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6" (SPECIAL)	SY	58	\$72.00	\$4,176.00
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 2"	SY	6,084	\$2.35	\$14,297.40
<b>Bidder's Proposal for making Entire Improvements</b>					<b>\$884,644.52</b>



**CONTRACTOR CERTIFICATIONS**

County	DuPage
Local Public Agency	Village of Lombard
Section Number	20-00000-01-GM
Route	Various

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

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

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

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

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

RETURN WITH BID

SIGNATURES

County DuPage  
 Local Public Agency Village of Lombard  
 Section Number 20-00000-01-GM  
 Route Various

(If an individual)

Signature of Bidder \_\_\_\_\_

Business Address \_\_\_\_\_

(If a partnership)

Firm Name \_\_\_\_\_

Signed By \_\_\_\_\_

Business Address \_\_\_\_\_

Insert Names and Addressed of All Partners



(If a corporation)

Corporate Name Schroeder Asphalt Services, Inc.

Signed By *Ronald Schroeder*  
 President

Business Address P.O. Box 831  
Huntley, IL 60142

Insert Names of Officers

President Ronald Schroeder

Secretary Grace Foss

Treasurer Ronald Schroeder

Attest:

*Grace A. Foss*  
 Secretary





**Illinois Department  
of Transportation**

**Local Agency  
Proposal Bid Bond**

**RETURN WITH BID**

Route Various  
County DuPage  
Local Agency Village of Lombard  
Section 20-00000-01-GM

**PAPER BID BOND**

WE Schroeder Asphalt Services, Inc. as PRINCIPAL,  
and Hudson Insurance Company as SURETY,

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

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

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

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

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 19th day of May, 2020

Principal

Schroeder Asphalt Services, Inc.

(Company Name)

(Company Name)

By: [Signature]

(Signature and Title)

By: \_\_\_\_\_

(Signature and Title)

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

Hudson Insurance Company

(Name of Surety)

Surety

By: [Signature]

(Signature of Attorney-in-Fact)

James I. Moore

STATE OF ILLINOIS,

COUNTY OF DuPage

I, Graciela Casaus

do hereby certify that

Ronald Schroeder, a Notary Public in and for said county,

and James I. Moore

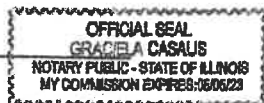
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

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

Given under my hand and notarial seal this 19th day of May, 2020

My commission expires 05/05/2023

Graciela Casaus  
(Notary Public)



**ELECTRONIC BID BOND**

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

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

\_\_\_\_\_

Electronic Bid Bond ID Code

\_\_\_\_\_ (Company/Bidder Name)

\_\_\_\_\_ (Signature and Title)

\_\_\_\_\_ Date



## BID BOND POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That HUDSON INSURANCE COMPANY, a corporation of the State of Delaware, with offices at 100 William Street, New York, New York, 10038, has made, constituted and appointed, and by these presents, does make, constitute and appoint

Stephen T. Kazmer, James I. Moore, Elaine G. Marcus, Tarlene M. Pisciotto, Dawn L. Morgan,

Jennifer J. McComb, Kevin J. Scanlon, Richard L. McWethy, Robert W. Kegley, Jr.

of the State of Illinois

its true and lawful Attorney(s)-in-Fact, at New York City in the State of New York, each of them alone to have full power to act without the other or others, to make, execute and deliver on its behalf, as Surety, bid bonds for any and all purposes.

Such bid bonds, when duly executed by said Attorney(s)-in-Fact, shall be binding upon said Company as fully and to the same extent as if signed by the President of said Company under its corporate seal attested by its Secretary.

In Witness Whereof, HUDSON INSURANCE COMPANY has caused these presents to be of its Senior Vice President thereunto duly signed, on this 9th day of May, 2018 at New York, New York.



Attest: *Dina Daskalakis*  
Dina Daskalakis, Corporate Secretary

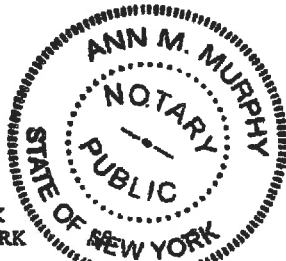
HUDSON INSURANCE COMPANY

By: *Michael P. Clifone*  
Michael P. Clifone, Senior Vice President

STATE OF NEW YORK  
COUNTY OF NEW YORK SS.

On the 9th day of May, 2018 before me personally came Michael P. Clifone to me known, who being by me duly sworn did depose and say that he is a Senior Vice President of HUDSON INSURANCE COMPANY, the Company described herein and which executed the above instrument, that he knows the seal of said Company, that the seal affixed to said instrument is the corporate seal of said Company, that it was so affixed by order of the Board of Directors of said Company, and that he signed his name thereto by like order.

(Notarial Seal)



STATE OF NEW YORK  
COUNTY OF NEW YORK

*Ann M. Murphy*  
ANN M. MURPHY  
Notary Public, State of New York  
No. 01MU6067553  
Qualified in Nassau County  
Commission Expires December 10, 2021

## CERTIFICATION

The undersigned Dina Daskalakis hereby certifies:

THAT the original resolution, of which the following is a true and correct copy, was duly adopted by unanimous written consent of the Board of Directors of Hudson Insurance Company dated July 27<sup>th</sup>, 2007, and has not since been revoked, amended or modified:

"RESOLVED, that the President, the Executive Vice Presidents, the Senior Vice Presidents and the Vice Presidents shall have the authority and discretion, to appoint such agent or agents, or attorney or attorneys-in-fact, for the purpose of carrying on this Company's surety business, and to empower such agent or agents, or attorney or attorneys-in-fact, to execute and deliver, under this Company's seal or otherwise, bonds obligations, and recognizances, whether made by this Company as surety thereon or otherwise, indemnity contracts, contracts and certificates, and any and all other contracts and undertakings made in the course of this Company's surety business, and renewals, extensions, agreements, waivers, consents or stipulations regarding undertakings so made; and

FURTHER RESOLVED, that the signature of any such Officer of the Company and the Company's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seal when so used whether heretofore or hereafter, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed."

THAT the above and foregoing is a full, true and correct copy of Power of Attorney issued by said Company, and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked, and furthermore that the Resolution of the Board of Directors, set forth in the said Power of Attorney is now in force.



In Witness Whereof, the hand of the undersigned and the seal of said Company this 19th day of May, 2020

By: *Dina Daskalakis*  
Dina Daskalakis, Corporate Secretary



# Illinois Department of Transportation

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

**Affidavit of Availability**  
**For the Letting of** 5/17/2020  
(Letting date)

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

## Part I. Work Under Contract

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

	1	2	3	4	5	
Contract Number	N/A	DU084	61F62		20-00107-00-PV	
Contract With	McHenry County	IDOT	IDOT	Village of Mundelein	Village of Palatine	
Estimated Completion Date	7/1/20	31 CD	70 WD	2020	7/31/20	
Total Contract Price	267,714.13	246,431.60	1,120,972.14	2,009,552.41	726,101.57	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	267,714.13	246,431.60	571,624.23	370,600.26	726,101.57	2,182,471.79
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
Total Value of All Work						2,182,471.79

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

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

						Accumulated Totals
Earthwork		14,000.00	40,029.00		31,725.00	85,754.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	178,103.93	81,940.00	307,869.34	128,940.00	210,141.86	906,995.13
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces	8,840.20	15,407.40	7,337.57	11,476.67	138,867.82	181,929.66
Highway, R.R. and Waterway Structures						0.00
Drainage						0.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	50,678.00	12,384.00	66,386.50	10,734.25	74,151.00	214,313.75
Engineer Allowance						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)			3,000.00			3,000.00
Traffic Control / Mobilization	7,500.00	45,595.20	6,000.00	23,400.00	37,750.00	120,245.20
Restoration	22,592.00		3,950.00			26,542.00
Totals	267,714.13	169,306.60	434,572.41	174,550.92	492,635.68	1,538,779.74

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

**Part III. Work Subcontracted to Others**

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

	1	2	3	4	5
<b>Subcontractor</b>		<b>Work Zone Safety</b>	<b>Work Zone Safety</b>	<b>Family Landscaping</b>	<b>DeVinci Construction</b>
<b>Type of Work</b>		<b>TC&amp;P</b>	<b>TC&amp;P</b>	<b>Tree Removal</b>	<b>Sewer</b>
<b>Subcontract Price</b>		<b>9305.00</b>	<b>42,923.60</b>	<b>16,348.00</b>	<b>89,500.00</b>
<b>Amount Uncompleted</b>		<b>9305.00</b>	<b>21,461.80</b>	<b>11,411.60</b>	<b>89,500.00</b>
<b>Subcontractor</b>		<b>Precision Pavement</b>	<b>Galaxy Underground</b>	<b>Bedrock Stabilization</b>	<b>Lampignano</b>
<b>Type of Work</b>		<b>Pavement Marking</b>	<b>Sewer</b>	<b>Full Depth Reclamation</b>	<b>Concrete &amp; Landscape</b>
<b>Subcontract Price</b>		<b>9900.00</b>	<b>86,360.00</b>	<b>41,206.25</b>	<b>136,910.50</b>
<b>Amount Uncompleted</b>		<b>9900.00</b>	<b>43,190.00</b>		<b>136,910.50</b>
<b>Subcontractor</b>		<b>Galaxy Underground</b>	<b>Maint Coatings</b>	<b>Landmark Contractors</b>	<b>TruSeal</b>
<b>Type of Work</b>		<b>Sewer</b>	<b>Thermo</b>	<b>Concrete</b>	<b>Thermo</b>
<b>Subcontract Price</b>		<b>31101.00</b>	<b>7,833.97</b>	<b>405,292.50</b>	<b>2,205.39</b>
<b>Amount Uncompleted</b>		<b>31101.00</b>	<b>5,222.65</b>	<b>97,818.50</b>	<b>2,205.39</b>
<b>Subcontractor</b>		<b>TBD</b>	<b>Conin Cont</b>	<b>Mauro Sewer</b>	<b>Advanced Video</b>
<b>Type of Work</b>		<b>Concrete</b>	<b>Landscaping</b>	<b>Sewer</b>	<b>Preconstruction Video</b>
<b>Subcontract Price</b>		<b>6535.00</b>	<b>6,500.00</b>	<b>518,828.00</b>	<b>850.00</b>
<b>Amount Uncompleted</b>		<b>6535.00</b>	<b>6,500.00</b>	<b>6,580.00</b>	<b>850.00</b>
<b>Subcontractor</b>		<b>McGinty Bros</b>	<b>DiNatale</b>	<b>Reliable Landscaping</b>	<b>Land Technology</b>
<b>Type of Work</b>		<b>Landscaping</b>	<b>Concrete</b>	<b>Landscaping</b>	<b>Construction Layout</b>
<b>Subcontract Price</b>		<b>7843.00</b>	<b>84,619.75</b>	<b>90,468.00</b>	<b>4,000.00</b>
<b>Amount Uncompleted</b>		<b>7843.00</b>	<b>42,309.87</b>	<b>76,118.00</b>	<b>4,000.00</b>
<b>Subcontractor</b>		<b>Jasco Electric</b>	<b>Quigg Engineering</b>	<b>TruSeal</b>	
<b>Type of Work</b>		<b>Electric</b>	<b>Layout</b>	<b>Thermo</b>	
<b>Subcontract Price</b>		<b>12441.00</b>	<b>10,445.00</b>	<b>4,121.24</b>	
<b>Amount Uncompleted</b>		<b>12441.00</b>	<b>5,222.50</b>	<b>4,121.24</b>	
<b>Subcontractor</b>			<b>Home Towne Electric</b>		
<b>Type of Work</b>			<b>Electric</b>		
<b>Subcontract Price</b>			<b>13,145.00</b>		
<b>Amount Uncompleted</b>			<b>13,145.00</b>		
<b>Total Uncompleted</b>	<b>0.00</b>	<b>77,125.00</b>	<b>137,051.82</b>	<b>196,049.34</b>	<b>233,465.89</b>

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

Subscribed and sworn to before me

this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Type or Print Name Grace A. Foss Secretary  
Officer or Director Title

Notary Public

Signed \_\_\_\_\_

My commission expires: \_\_\_\_\_

Company Schroeder Asphalt Services, Inc.

(Notary Seal)

Address P.O. Box 831  
Huntley, IL 60142



# Illinois Department of Transportation

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

**Affidavit of Availability**  
For the Letting of 5/17/2020  
(Letting date)

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

## Part I. Work Under Contract

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

	6 - PENDING	7	8	9	10 - PENDING	
Contract Number	20-00082-00-PV		20-00049-00-RS	20-00000-02-GM	20-00178-00-RS	
Contract With	Sycamore	Bensenville	Huntley	Carol Stream	Northbrook	
)	9/30/20	9/25/20	8/19/20	8/28/20	6/30/20	
Total Contract Price	742,688.69	1,065,598.20	1,375,081.81	3,174,446.05	600,430.80	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	742,688.69	1,065,598.20	1,375,081.81	3,174,446.05	600,430.80	9,140,717.34
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
Total Value of All Work						9,140,717.34

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

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

						Accumulated Totals
Earthwork		30,490.00				116,244.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	279,337.00	350,584.90	652,618.50	1,640,597.57	483,120.00	4,313,253.10
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	85,556.14	20,028.50	17,197.46	7,107.58	282.30	312,101.64
Highway, R.R. and Waterway Structures						0.00
Drainage		4,500.00				4,500.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	44,930.40	85,283.05	93,944.50	328,086.85	59,444.00	826,002.55
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List), RR						3,000.00
Traffic Control/Mobilization	11,500.00	47,500.00	45,767.00	28,608.00	7,501.00	261,121.20
WM Permit bond, items directed-engineer						26,542.00
Totals	421,323.54	538,386.45	809,527.46	2,004,400.00	550,347.30	5,862,764.49

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



**Part III. Work Subcontracted to Others**

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

	6	7	8	9	10
<b>Subcontractor</b>	TBD	Schroeder & Schroeder	D'Land Construction	Schroeder & Schroeder	TBD
<b>Type of Work</b>	Concrete	Concrete	Concrete	Concrete	Thermo
<b>Subcontract Price</b>	246,156.05	106,084.75	436,235.50	1,038,258.00	7,018.50
<b>Amount Uncompleted</b>	246,156.05	106,084.75	436,235.50	1,038,258.00	7,018.50
<b>Subcontractor</b>	TBD	Maintenance Coatings	Galaxy Underground	DeVinci	TBD
<b>Type of Work</b>	Sewer	Thermo	Sewer	Sewer	Landscaping
<b>Subcontract Price</b>	55,625.00	3,766.00	72,455.00	104,918.00	17,640.00
<b>Amount Uncompleted</b>	55,625.00	3,766.00	72,455.00	104,918.00	17,640.00
<b>Subcontractor</b>	TBD	Mauro Sewer	Superior Road	Superior Road	TBD
<b>Type of Work</b>	Landscaping	Sewer	Striping	Striping	Concrete
<b>Subcontract Price</b>	19,584.10	414,961.00	14,282.50	21,314.45	19,875.00
<b>Amount Uncompleted</b>	19,584.10	414,961.00	14,282.50	21,314.45	19,875.00
<b>Subcontractor</b>		LandTechnology	SKC Construction	Hawk Enterprises	TBD
<b>Type of Work</b>		Construction Layout	Crack Routing & Filling	Detector Loops	Sewer
<b>Subcontract Price</b>		2,400.00	13,680.00	5,555.60	5,550.00
<b>Amount Uncompleted</b>		2,400.00	13,680.00	5,555.60	5,550.00
<b>Subcontractor</b>			Reliable Landscaping		
<b>Type of Work</b>			Landscaping		
<b>Subcontract Price</b>			22,487.60		
<b>Amount Uncompleted</b>			22,487.60		
<b>Subcontractor</b>			Road Fabrics		
<b>Type of Work</b>			SRCCT		
<b>Subcontract Price</b>			6,413.75		
<b>Amount Uncompleted</b>			6,413.75		
<b>Subcontractor</b>					
<b>Type of Work</b>					
<b>Subcontract Price</b>					
<b>Amount Uncompleted</b>					
<b>Total Uncompleted</b>	321,365.15	527,211.75	565,554.35	1,170,046.05	50,083.50

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

Subscribed and sworn to before me

this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

 Type or Print Name Grace A. Foss

Officer or Director

Secretary

Title

Notary Public

Signed \_\_\_\_\_

My commission expires: \_\_\_\_\_

 Company Schroeder Asphalt Services, Inc.

 Address P.O. Box 831
Huntley, IL 60142

(Notary Seal)



# Illinois Department of Transportation

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

Affidavit of Availability  
For the Letting of 5/17/2020

(Letting date)

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

## Part I. Work Under Contract

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

	11	12-Pending	13	14	15	
Contract Number	20-00000-00-GM	20-00000-04-GM	20-00000-01-GM	20-00000-01-GM	20-00000-01-GM	
Contract With	Harvard	Berwyn	South Barrington	Burr Ridge	Bensenville	
Estimated Completion Date	7/2/20	7/30/2020	6/26/2020	35 WD	7/31/20	
Total Contract Price	246,708.78	444,725.00	574,139.11	621,946.20	390,004.22	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	246,708.78	247,037.25	574,139.11	621,946.20	390,004.22	11,220,552.90
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
Total Value of All Work						11,220,552.90

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

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

Accumulated Totals

Earthwork						116,244.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	203,153.00	247,037.25	404,233.90	435,107.00	189,014.50	5,791,798.75
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	108.28		3,790.81	15,044.05	2,337.72	333,382.50
Highway, R.R. and Waterway Structures						0.00
Drainage			2,244.10	3,425.00	11,500.00	21,669.10
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	30,447.50		61,612.80	45,355.15	21,952.00	985,370.00
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)						3,000.00
TC&P - INSURANCE	13,000.00		15,000.00	7,000.00	7,001.00	303,122.20
MOBILIZATION					22,000.00	48,542.00
Totals	246,708.78	247,037.25	486,881.61	505,931.20	253,805.22	7,603,128.55

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

**Part III. Work Subcontracted to Others**

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

	11	12	13	14	15
Subcontractor			Reliable Landscaping	Schroeder & Schroeder	TBD
Type of Work			Landscaping	Concrete	Concrete
Subcontract Price			36,313.50	79,625.00	126,916.00
Amount Uncompleted			36,313.50	79,625.00	126,916.00
Subcontractor			DINatale Construction	Galaxy Underground	TBD
Type of Work			Concrete	Sewer	Landscaping
Subcontract Price			17,700.00	30,990.00	5,089.00
Amount Uncompleted			17,700.00	30,990.00	5,089.00
Subcontractor			Maintenance Coatings	TBD	TBD
Type of Work			Thermo	Landscaping	Thermo
Subcontract Price			3,450.00	5,400.00	4,194.00
Amount Uncompleted			3,864.00	5,400.00	4,194.00
Subcontractor			DeVinci Sewer		
Type of Work			Sewer		
Subcontract Price			29,380.00		
Amount Uncompleted			29,380.00		
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	0.00	0.00	87,257.50	116,015.00	136,199.00

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

Subscribed and sworn to before me

this 18<sup>th</sup> day of May, 2020

Type or Print Name Grace A. Foss

Secretary

Officer or Director

Title

Signed

Company Schroeder Asphalt Services, Inc.

Address P.O. Box 831

Huntley, IL 60142

My commission expires: 4/3/21

(Notary Seal)

**JENNIFER GRIEBEL**  
OFFICIAL SEAL  
Notary Public - State of Illinois  
My Commission Expires Apr 03, 2021



# Illinois Department of Transportation

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

**Affidavit of Availability**  
**For the Letting of** 5/17/2020

(Letting date)

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

## Part I. Work Under Contract

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

	1	2	3	4	5	
Contract Number	N/A	DU084	61F62		20-00107-00-PV	
Contract With	McHenry County	IDOT	IDOT	Village of Mundelein	Village of Palatine	
Estimated Completion Date	7/1/20	31 CD	70 WD	2020	7/31/20	
Total Contract Price	267,714.13	246,431.60	1,120,972.14	2,009,552.41	726,101.57	Accumulated Totals
Uncompleted Dollar Value If Firm is the Prime Contractor	267,714.13	246,431.60	571,624.23	370,600.26	726,101.57	2,182,471.79
Uncompleted Dollar Value If Firm is the Subcontractor						0.00
Total Value of All Work						2,182,471.79

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

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

						Accumulated Totals
Earthwork		14,000.00	40,029.00		31,725.00	85,754.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	178,103.93	81,940.00	307,869.34	128,940.00	210,141.86	906,995.13
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces	8,840.20	15,407.40	7,337.57	11,476.67	138,867.82	181,929.66
Highway, R.R. and Waterway Structures						0.00
Drainage						0.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signage						0.00
Cold Milling, Planning & Rotomilling	50,678.00	12,364.00	66,386.50	10,734.25	74,151.00	214,313.75
Engineer Allowance						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)			3,000.00			3,000.00
Traffic Control / Mobilization	7,500.00	45,595.20	6,000.00	23,400.00	37,750.00	120,245.20
Restoration	22,592.00		3,950.00			26,542.00
Totals	267,714.13	169,306.60	434,572.41	174,550.92	492,635.68	1,538,779.74

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

**Part III. Work Subcontracted to Others**

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

	1	2	3	4	5
Subcontractor		Work Zone Safety	Work Zone Safety	Family Landscaping	DeVinci Construction
Type of Work		TC&P	TC&P	Tree Removal	Sewer
Subcontract Price		9305.00	42,923.60	16,348.00	89,500.00
Amount Uncompleted		9305.00	21,461.80	11,411.60	89,500.00
Subcontractor		Precision Pavement	Galaxy Underground	Bedrock Stabilization	Lampignano
Type of Work		Pavement Marking	Sewer	Full Depth Reclamation	Concrete & Landscape
Subcontract Price		9900.00	86,360.00	41,206.25	136,910.50
Amount Uncompleted		9900.00	43,190.00		136,910.50
Subcontractor		Galaxy Underground	Maint Coatings	Landmark Contractors	TruSeal
Type of Work		Sewer	Thermo	Concrete	Thermo
Subcontract Price		31101.00	7,833.97	405,292.50	2,205.39
Amount Uncompleted		31101.00	5,222.65	97,818.50	2,205.39
Subcontractor		TBD	Conin Cont	Mauro Sewer	Advanced Video
Type of Work		Concrete	Landscaping	Sewer	Preconstruction Video
Subcontract Price		6535.00	6,500.00	518,828.00	850.00
Amount Uncompleted		6535.00	6,500.00	6,580.00	850.00
Subcontractor		McGinty Bros	DINatale	Reliable Landscaping	Land Technology
Type of Work		Landscaping	Concrete	Landscaping	Construction Layout
Subcontract Price		7843.00	84,619.75	90,468.00	4,000.00
Amount Uncompleted		7843.00	42,309.87	76,118.00	4,000.00
Subcontractor		Jasco Electric	Quigg Engineering	TruSeal	
Type of Work		Electric	Layout	Thermo	
Subcontract Price		12441.00	10,445.00	4,121.24	
Amount Uncompleted		12441.00	5,222.50	4,121.24	
Subcontractor			Home Towne Electric		
Type of Work			Electric		
Subcontract Price			13,145.00		
Amount Uncompleted			13,145.00		
Total Uncompleted	0.00	77,125.00	137,051.82	196,049.34	233,465.89

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

Subscribed and sworn to before me

this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Type or Print Name Grace A. Foss Secretary  
Officer or Director Title

Notary Public

Signed \_\_\_\_\_

My commission expires: \_\_\_\_\_

Company Schroeder Asphalt Services, Inc.

(Notary Seal)

Address P.O. Box 831  
Huntley, IL 60142



# Illinois Department of Transportation

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

**Affidavit of Availability**  
For the Letting of 5/17/2020  
(Letting date)

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

## Part I. Work Under Contract

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

	6 - PENDING	7	8	9	10 - PENDING	
Contract Number	20-00082-00-PV		20-00049-00-RS	20-00000-02-GM	20-00178-00-RS	
Contract With	Sycamore	Bensenville	Huntley	Carol Stream	Northbrook	
)	9/30/20	9/25/20	8/19/20	8/28/20	6/30/20	
Total Contract Price	742,688.69	1,065,598.20	1,375,081.81	3,174,446.05	600,430.80	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	742,688.69	1,065,598.20	1,375,081.81	3,174,446.05	600,430.80	9,140,717.34
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
Total Value of All Work						9,140,717.34

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

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

						Accumulated Totals
Earthwork		30,490.00				116,244.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	279,337.00	350,584.90	652,618.50	1,640,597.57	483,120.00	4,313,253.10
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	85,556.14	20,028.50	17,197.46	7,107.58	282.30	312,101.64
Highway, R.R. and Waterway Structures						0.00
Drainage		4,500.00				4,500.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	44,930.40	85,283.05	93,944.50	328,086.85	59,444.00	826,002.55
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List), RR						3,000.00
Traffic Control/Mobilization	11,500.00	47,500.00	45,767.00	28,608.00	7,501.00	281,121.20
WM Permit bond, items directed-engineer						26,542.00
Totals	421,323.54	538,386.45	809,527.46	2,004,400.00	550,347.30	5,862,764.49

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



**Part III. Work Subcontracted to Others**

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

	6	7	8	9	10
Subcontractor	TBD	Schroeder & Schroeder	D'Land Construction	Schroeder & Schroeder	TBD
Type of Work	Concrete	Concrete	Concrete	Concrete	Thermo
Subcontract Price	246,156.05	106,084.75	436,235.50	1,038,258.00	7,018.50
Amount Uncompleted	246,156.05	106,084.75	436,235.50	1,038,258.00	7,018.50
Subcontractor	TBD	Maintenance Coatings	Galaxy Underground	DeVinci	TBD
Type of Work	Sewer	Thermo	Sewer	Sewer	Landscaping
Subcontract Price	55,625.00	3,766.00	72,455.00	104,918.00	17,640.00
Amount Uncompleted	55,625.00	3,766.00	72,455.00	104,918.00	17,640.00
Subcontractor	TBD	Mauro Sewer	Superior Road	Superior Road	TBD
Type of Work	Landscaping	Sewer	Striping	Striping	Concrete
Subcontract Price	19,584.10	414,961.00	14,282.50	21,314.45	19,875.00
Amount Uncompleted	19,584.10	414,961.00	14,282.50	21,314.45	19,875.00
Subcontractor		LandTechnology	SKC Construction	Hawk Enterprises	TBD
Type of Work		Construction Layout	Crack Routing & Filling	Detector Loops	Sewer
Subcontract Price		2,400.00	13,680.00	5,555.60	5,550.00
Amount Uncompleted		2,400.00	13,680.00	5,555.60	5,550.00
Subcontractor			Reliable Landscaping		
Type of Work			Landscaping		
Subcontract Price			22,487.60		
Amount Uncompleted			22,487.60		
Subcontractor			Road Fabrics		
Type of Work			SRCT		
Subcontract Price			6,413.75		
Amount Uncompleted			6,413.75		
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	321,365.15	527,211.75	565,554.35	1,170,046.05	50,083.50

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

Subscribed and sworn to before me

this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Type or Print Name Grace A. Foss

Officer or Director

Secretary

Title

Notary Public

Signed \_\_\_\_\_

My commission expires: \_\_\_\_\_

Company Schroeder Asphalt Services, Inc.

Address P.O. Box 831

Huntley, IL 60142

(Notary Seal)





# Illinois Department of Transportation

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

**Affidavit of Availability**  
**For the Letting of** 5/17/2020  
(Letting date)

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

## Part I. Work Under Contract

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

	11	12-Pending	13	14	15	
Contract Number	20-00000-00-GM	20-00000-04-GM	20-00000-01-GM	20-00000-01-GM	20-00000-01-GM	
Contract With	Harvard	Berwyn	South Barrington	Burr Ridge	Bensenville	
Estimated Completion Date	7/2/20	7/30/2020	8/26/2020	35 WD	7/31/20	
Total Contract Price	246,708.78	444,725.00	574,139.11	621,946.20	390,004.22	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	246,708.78	247,037.25	574,139.11	621,946.20	390,004.22	11,220,552.90
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
Total Value of All Work						11,220,552.90

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

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

						Accumulated Totals
Earthwork						116,244.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	203,153.00	247,037.25	404,233.90	435,107.00	189,014.50	5,791,798.75
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	108.28		3,790.81	15,044.05	2,337.72	333,382.50
Highway, R.R. and Waterway Structures						0.00
Drainage			2,244.10	3,425.00	11,500.00	21,669.10
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	30,447.50		61,612.80	45,355.15	21,952.00	985,370.00
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)						3,000.00
TC&P - INSURANCE	13,000.00		15,000.00	7,000.00	7,001.00	303,122.20
MOBILIZATION					22,000.00	48,542.00
Totals	246,708.78	247,037.25	486,861.61	505,931.20	253,805.22	7,603,128.55

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

**Part III. Work Subcontracted to Others**

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

	11	12	13	14	15
<b>Subcontractor</b>			Reliable Landscaping	Schroeder & Schroeder	TBD
<b>Type of Work</b>			Landscaping	Concrete	Concrete
<b>Subcontract Price</b>			36,313.50	79,625.00	126,916.00
<b>Amount Uncompleted</b>			36,313.50	79,625.00	126,916.00
<b>Subcontractor</b>			DINatale Construction	Galaxy Underground	TBD
<b>Type of Work</b>			Concrete	Sewer	Landscaping
<b>Subcontract Price</b>			17,700.00	30,990.00	5,089.00
<b>Amount Uncompleted</b>			17,700.00	30,990.00	5,089.00
<b>Subcontractor</b>			Maintenance Coatings	TBD	TBD
<b>Type of Work</b>			Thermo	Landscaping	Thermo
<b>Subcontract Price</b>			3,450.00	5,400.00	4,194.00
<b>Amount Uncompleted</b>			3,864.00	5,400.00	4,194.00
<b>Subcontractor</b>			DeVinci Sewer		
<b>Type of Work</b>			Sewer		
<b>Subcontract Price</b>			29,380.00		
<b>Amount Uncompleted</b>			29,380.00		
<b>Subcontractor</b>					
<b>Type of Work</b>					
<b>Subcontract Price</b>					
<b>Amount Uncompleted</b>					
<b>Subcontractor</b>					
<b>Type of Work</b>					
<b>Subcontract Price</b>					
<b>Amount Uncompleted</b>					
<b>Subcontractor</b>					
<b>Type of Work</b>					
<b>Subcontract Price</b>					
<b>Amount Uncompleted</b>					
<b>Subcontractor</b>					
<b>Type of Work</b>					
<b>Subcontract Price</b>					
<b>Amount Uncompleted</b>					
<b>Total Uncompleted</b>	0.00	0.00	87,257.50	116,015.00	136,199.00

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

Subscribed and sworn to before me

this 18th day of May, 2020

[Signature]  
Notary Public

My commission expires: 4/3/21



Type or Print Name Grace A. Foss Secretary  
Officer or Director Title

Signed [Signature]

Company Schroeder Asphalt Services, Inc.

Address P.O. Box 831  
Huntley, IL 60142



## Illinois Department of Transportation

# Certificate of Eligibility

Schroeder Asphalt Services, Inc.

P. O. Box 831 HUNTLEY, IL 60142

Contractor No 5378

WHO HAS FILED WITH THE DEPARTMENT AN APPLICATION FOR PREQUALIFICATION STATEMENT OF EXPERIENCE, EQUIPMENT AND FINANCIAL CONDITION IS HEREBY QUALIFIED TO BID AT ANY OF DEPARTMENT OF TRANSPORTATION LETTINGS IN THE CLASSES OF WORK AND WITHIN THE AMOUNT AND OTHER LIMITATIONS OF EACH CLASSIFICATION, AS LISTED BELOW, FOR SUCH PERIOD AS THE UNCOMPLETED WORK FROM ALL SOURCES DOES NOT EXCEED

\$45,302,000.00

001	EARTHWORK	\$1,550,000
005	HMA PAVING	\$22,250,000 B
012	DRAINAGE	\$375,000
017	CONCRETE CONSTRUCTION	\$175,000
032	COLD MILL, PLAN. & ROTOMILL	\$6,575,000
08A	AGGREGATE BASES & SURF. (A)	\$2,425,000

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 4/14/2020 TO 4/30/2021 INCLUSIVE, AND SUPERSEDES ANY CERTIFICATE PREVIOUSLY ISSUED, BUT IS SUBJECT TO REVISION OR REVOCATION, IF AND WHEN CHANGES IN THE FINANCIAL CONDITION OF THE CONTRACTING FIRM OR OTHER FACTS JUSTIFY SUCH REVISIONS OR REVOCATION. ISSUED AT SPRINGFIELD, ILLINOIS ON 4/15/2020.

B Restricted to 1200 tons in any 1 contract (Class I and/or BAM) or as specified by local agency

*Tim Kell*  
Engineer of Construction



**Illinois Department  
of Transportation**

**Apprenticeship or Training  
Program Certification**

**Return with Bid**

Route	Various
County	DuPage
Local Agency	Village of Lombard
Section	20-00000-01-GM

**All contractors are required to complete the following certification:**

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

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

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

International Brotherhood of Teamsters. Join Council No. 25 Training Fund.  
Chicagoland Laborers' Training & Apprenticeship Program.  
Operating Engineers Local 150 Apprenticeship & Training Program.

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

---

---

---

---

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

Bidder: Schroeder Asphalt Services, Inc. By:



(Signature)

Address: P.O. Box 831, Huntley, IL 60142 Title: Ronald Schroeder, President

RETURN WITH BID



**Illinois Department  
of Transportation**

**Affidavit of Illinois Business Office**

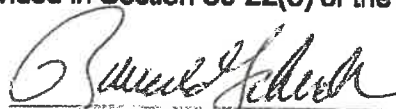
County DuPage  
Local Public Agency Village of Lombard  
Section Number 20-00000-01-GM  
Route Various

State of Illinois )  
McHenry ) ss.  
County of DuPage )

I, Ronald Schroeder of Huntley, Illinois,  
(Name of Affiant) (City of Affiant) (State of Affiant)

being first duly sworn upon oath, states as follows:

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

  
(Signature)

Ronald Schroeder  
(Print Name of Affiant)

This instrument was acknowledged before me on 19th day of May, 2020.

(SEAL)



  
(Signature of Notary Public)

# **INVITATION FOR BIDS**

**RFB # 2020-101**

**BID DOCUMENTS AND SPECIFICATIONS**

## **ASPHALT PATCHING AND RESURFACING PROGRAM**

**FOR THE MUNICIPALITY OF:**

**LOMBARD**



---

**VILLAGE OF LOMBARD PUBLIC WORKS**

**1051 S. HAMMERSCHMIDT AVENUE  
LOMBARD, IL 60148  
(630) 620-5740**



## **TABLE OF CONTENTS**

	Page
Table of Contents .....	1
General Terms and Conditions .....	2
Project Special Provisions .....	4
Location of Project .....	4
Description of Project .....	4
Index for Supplemental Specifications and Recurring Special Provisions.....	17
Check Sheet for Recurring Special Provisions .....	21
Check Sheet for Local Roads and Streets Recurring Special Provisions .....	22
I.D.O.T. District 1 Special Provisions .....	24
BDE Special Provisions Check Sheet and Special Provisions .....	51
DuPage County Prevailing Wage Sheet .....	87
Village of Lombard Standard Details .....	94
I.D.O.T. Standard Details .....	107
Appendix A – Lombard Project Locations .....	129

**1. INTENT**

It is the intent of the Village of Lombard ("Lombard") hereafter referred to as "Municipality", to bid the 2020 Asphalt Paving and Patching Program.

**Work performed under this RFB, shall be in accordance with the provisions of the Illinois Prevailing Wage Act 820 ILCS 130/0.01 et seq. and Employment of Illinois Workers on Public Works Act (30 ILCS 570/).**

**2. BID PRICE**

The Contractor shall provide pricing on the schedule of prices included in this Request for Bids ("RFB") per the specifications identified herein. The Contractor shall offer pricing for all of the items included on the schedule of prices. The schedule of prices includes base bid items for which the Municipality is requesting unit prices.

**Bidders shall maintain pricing for a minimum of ninety (90) days from opening date.**

**3. AWARD**

**The Contract award will be based on the Bid Total Costs amount proposed by the Contractor.** Award shall be made to the lowest responsive and responsible bidder(s) who best meets the specifications including financial capacity to perform, experience and qualifications performing similar work and scheduling based upon the evaluation criteria specified herein.

No work shall be awarded to a Bidder that is in arrears or is in default to the Municipality for any debt or contract, or that has defaulted, as surety or otherwise, upon any obligation to the Municipality, or that has failed to perform satisfactorily any previous contract with, or work for, the Municipality.

**4. TERM**

The term of this Agreement shall be one (1) year from the date of award. Unit prices (including supplemental unit prices) shall be held constant for the term of this agreement.

Work in the Municipality shall begin in spring/summer 2020, pending approval by its corporate authority, and will complete these services by August 7, 2020. The completion date may be extended upon mutual written consent by the Municipality and the Contractor.

**5. VOLUME/ESTIMATED QUANTITY**

The volumes identified herein are estimated quantities. The Municipality does not guarantee any specific amount and shall not be held responsible for any deviation. This Contract shall cover the Municipality's requirements whether more or less than the estimated amount.

The Municipality reserves the right to increase and/or decrease quantities, add or delete locations during the term of the Agreement, whatever is deemed to be in the best interest of the Municipality.

In the event the awarded Contractor (s) is unavailable, the Municipality reserves the right to use whatever contractor is available to minimize and/or mitigate damages to the Municipality.

**6. ADDITIONAL INFORMATION**

Should the Bidder require additional information about this bid, submit questions via email to: [goldsmithc@villageoflombard.org](mailto:goldsmithc@villageoflombard.org). Questions are requested prior to the Bid Opening and inquiries must be submitted **no later than 4:00 P.M. on MAY 12, 2020.**

ANY and ALL changes to these specifications are valid only if they are included by written Addendum from the Village of Lombard to All Bidders. No interpretation of the meaning of the plans, specifications or other contract documents will be made orally. Failure of any Bidder to receive any such addendum or interpretation shall not relieve the Bidder from obligation under this bid as submitted. All addenda so issued shall become part of the bid documents. Failure to request an interpretation constitutes a waiver to later claim that ambiguities or misunderstandings caused a Bidder to improperly submit a bid.

Note that the location consisting of Main Street from Graham Avenue to Roosevelt Road has a high amount of traffic during regular business hours, Monday through Saturday. This situation should be taken into account by the Contractor when planning and scheduling the work in this area.

**The Village of Lombard recognizes that in some cases the information conveyed in this RFB may provide an insufficient basis for performing a complete analysis of the RFB requirements. Prospective bidders are, therefore, requested to make the best possible use of the information provided, without the expectation that the Village of Lombard will be able to answer every request for further information or that the schedule for receipt and evaluation of bids will be modified to accommodate such request.**

#### **7. CONTACT WITH VILLAGE PERSONNEL**

All bidders are prohibited from making any contact with the Municipality's President, Trustees, or any other official or employee of the Municipality (collectively, "Municipal Personnel") with regard to the Project, other than in the manner and to the person(s) designated herein. The Lombard Village Manager reserves the right to disqualify any bidder found to have contacted Municipal Personnel in any manner with regard to the Project. Additionally, if the Lombard Village Manager determines that the contact with Municipal Personnel was in violation of any provision of 720 ILCS 5/33E, the matter will be turned over to the DuPage County State's Attorney for review and prosecution.

#### **8. INVOICES AND PAYMENTS**

The Contractor shall provide individual invoices for the services that it and all of its subcontractors undertake for a Municipality to that Municipality.

Invoices shall be delivered to:

Village of Lombard  
Director of Public Works  
1051 S. Hammerschmidt Avenue  
Lombard, IL 60148

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted April 1, 2016 (referred to hereinafter as the "Standard Specifications"); the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2020; the latest edition of the "Illinois Manual on Uniform Traffic Control Devices For Streets and Highways" (IMUTCD); and the latest edition of "The Standard Specifications for Sewer and Water Construction in Illinois" adopted June 2014. In case of conflict with any part or parts of said specifications, these Special Provisions shall take precedence and shall govern. Where no conflict exists, the named specifications shall apply to this Contract as if repeated in their entirety herein.

## **LOCATION OF PROJECT**

The proposed work is officially known as "FY2020 Asphalt Paving and Patching Program". The work will be performed on various streets throughout the Village.

## **DESCRIPTION OF PROJECT**

The work consists of Class D Patches of varying types and depth, HMA Surface Removal, Leveling Binder, 2" HMA Surface Course, spot Concrete Curb & Gutter and Sidewalk Replacement with Detectable Warnings installed at intersections, Drainage Structure Adjustments, Thermoplastic Pavement Markings and Parkway Restoration.

# **SECTION 100. GENERAL REQUIREMENTS AND COVENANTS**

## **SECTION 101. DEFINITION OF TERMS**

REV. 03/20

**101.28 Plans.** Add the following at the end of the last sentence in the Section: ", all of which are included in this specification manual as exhibits, inserts, or details."

Add the following articles to this section:

**101.56 Business Day.** Any day Monday thru Friday that the Village of Lombard, DuPage County, Illinois is open for business.

**101.57 Village.** The Village of Lombard, DuPage County, Illinois.

**101.58 Village Representative.** Subject to the authority of the Engineer, a person designated by the Engineer to act on behalf of the Underground Utility Division or the Operations Division with respect to adherence to Village standards and procedures as related to the Work.

**101.59 Water and Sewer Specifications.** The latest edition of "Standard Specifications for Water and Sewer Main Construction in Illinois," adopted June 2014, available from the Associated General Contractors of Illinois or the Illinois Society of Professional Engineers.

**101.60 Notice to Proceed.** Notice to proceed is defined as one of the following events, whichever occurs first:

- a) 10 days after the Contract has been signed by both parties;
- b) 45 days after award of the Contract by the Village Board of Trustees; or
- c) The day that construction materials or equipment are delivered to the job site.

## **SECTION 102. ADVERTISEMENT, BIDDING, AWARD & CONTRACT EXECUTION**

REV. 03/17

**102.01 Procedures to be in Accordance with Rules.** Use Local Road and Street Recurring Special Provision Check Sheet #6 with the following edits:

**Proposal Guaranty** Replace the section with the following: All bid bonds shall be in IDOT format and in the amount of five percent (5%) of the bid amount. A certified check, cashier's check or money order is acceptable in lieu of a bid bond. The amount of the instrument must equal five percent (5%) of the bid amount. Any check or money order shall be made payable to the Village of Lombard. Proposal guarantee checks will be returned as soon as the Contract and Contract Bond of the successful low bidder have been properly executed and approved.

**Award of Contract** Replace 45 days with 60 days, throughout the entire Section.

### **Requirement of Contract Bond**

Delete and replace with the following: The successful Bidder shall furnish and pay for a satisfactory Performance Bond and satisfactory Labor and Material Payment Bonds, in the amount of one hundred percent (100%) of the Contract sum (collectively the "Bonds"). Said Bonds shall be in a form acceptable to the Village, shall be deposited with the Village at the time of execution of the Contract and shall provide that they shall not terminate on completion of the work, but shall be reduced to ten percent (10%) of the Contract sum upon final acceptance (refer to Section 109.08) of the work. The Bond shall remain in effect, in their reduced amount, during the guaranty and maintenance period, which period shall be in effect for one (1) year and shall commence from the date of the issuance of final payment. Execution of the Contract by the Village is contingent upon receipt of the Bonds and any required certificate(s) of insurance by the successful Bidder. Failure to furnish the required Bonds within the time specified may be cause for withdrawal of the award. The successful Bidder shall furnish the required Bonds and certificate(s) of insurance within ten (10) working days after the Village sends out written notification of the award of the Contract.

### **Examination of Plans, Specifications, Special Provisions, and Site of Work.**

If an addendum is issued, all plan holders will receive an e-mail through Quest Construction Data Network (QuestCDN) with the link to the QuestCDN login page. QuestCDN will send the e-mail to the member who downloaded the plan set. Bidders shall provide written acknowledgment of receipt of each addendum issued with the bid submission. The information shall also be placed on file and be made available to the public per the Freedom of Information Act. No addenda shall be issued less than 5 business days prior to bid opening date.

## **SECTION 104. SCOPE OF WORK**

REV. 04/16

**104.01 Intent of the Contract.** Add the following at the end of this Section: Any work not specified on the plans or herein which may be implied as being included in this Contract, of which the Engineer shall be the judge, shall be done by the Contractor without extra charge.

**104.02 Alterations, Cancellations, Extensions and Deductions, and Extra Work.** Delete paragraph four (4) and subparagraphs b and d of paragraph six (6).

**104.07 Value Engineering Proposals.** Delete this article in its entirety.

## **SECTION 105. CONTROL OF WORK**

REV. 04/16

**105.12 Inspection of Work.** Add the following as a separate Paragraph as a second Paragraph from the end: Any failure by the Village to reject or condemn any work or material at the time of its construction or arrival at the worksite shall not be construed to mean an acceptance of the work.

Add the following articles to this section:

**105.14 Periodic Inspections.** Periodic inspections of the work will be made. The Contractor shall correct work to the satisfaction of the Engineer, which may be in satisfactory condition at the time of a periodic inspection but is found to be unsatisfactory at the time of final inspection.

**105.15 Failure to Properly Notify the Village of Work Cancellations/Rescheduling.** The Contractor shall reimburse the Village (pursuant to a setoff against any amounts due to the Contractor) for costs incurred by the Village for administration, engineering, inspection or supervision as a result of the Contractor canceling or rescheduling work without giving sufficient notice to the Resident Engineer. For purposes of this section, "sufficient notice" shall mean a notice given to the Resident Engineer at or before 2:30 P.M. on the weekday (Monday through Friday) immediately prior to the day on which the work in question is being cancelled or rescheduled, was to have taken place.

## **SECTION 106. CONTROL OF MATERIALS**

REV. 04/16

**106.02 Unacceptable Materials.** Add the following as a separate, final Paragraph: The Village hereby reserves the right to approve as an equal, or to reject as not being an equal, any article the Contractor proposes to furnish under the terms of the Contract. All proposed substitutions shall be submitted to the Engineer for review and approval prior to their delivery to the worksite.

## **SECTION 107. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC**

REV 03/20

**107.09 Public Convenience and Safety.** Add the following to the list of legal holidays; Martin Luther King Day, the day after Thanksgiving and Christmas Eve.

Add the following before the third Paragraph: The Contractor shall plan their operations to ensure that no resident will be denied access to their driveway for more than a single twenty-one (21) day period. During this period the Contractor shall construct curb and gutter, pavement, sidewalk and driveway approaches. Should the Engineer determine that the Contractor will exceed this time constraint, the Engineer will order that temporary roads and/or approaches be installed at the Contractor's expense.

The Contractor shall notify the Village at least forty-eight (48) hours in advance of any water shutdown. The Village will determine the limits of the shutdown and determine which residences will be affected. The Village shall supply the Contractor with yellow and/or blue shut-off notice door tags. The yellow door tags are to be used in the event of a water main shut down. Blue door tags are to be used during the transfer of water services. The Contractor shall be responsible for distributing notice by taping the tags to the front door of the affected property a minimum of twenty-four (24) hours in advance of the shutdown. (Example: If the contractor requests a Tuesday 8:30 AM shut down, all notices must be taped to the affected properties front door no later than Monday by 8:30 AM. Monday morning shut downs notice shall be in place by noon of the previous Friday). Village personnel shall operate all valves other than those installed but not yet accepted by the Village. The maximum time allowed for a water shutdown will be four (4) hours.

The Contractor is prohibited (with or without the permission of the property owner) from drawing water from any private property sources. If the Contractor wishes to utilize the Village water supply system he must secure an RPZ valve per section 107.18 of the standard specifications.

**107.11 Insurance Requirements for Railroad-Highway Crossings.** Replace the first Paragraph with the following: For railroad-highway grade separation work and selected at-grade crossings and any work under the Contract within fifty (50) feet of any railroad right-of-way, as indicated in the Contract proposal, the Contractor shall obtain Railroad's Protective Liability and Property Damage Liability Insurance according to the requirements specified hereinafter.

**107.15 Dirt on Pavement or Structures.** Add the following at the end of this Section: If the pavement on or adjacent to the section under construction shall need cleaning because of the Contractor's operation and the Contractor fails to clean the pavement to the satisfaction of the Engineer at any time during the duration of the Contract, the Engineer will notify the Contractor, at which time the Contractor will have until the end of day operations in which to perform the cleaning. If the Contractor fails to perform the required cleaning within this period of time, the Village shall contract the cleaning to be performed by whatever such method they feel necessary. At the time such work has been completed, the amount incurred by the Village for such work along with a \$500.00 per incident fine will be deducted from monies due, or that may become due, the Contractor.

**107.16 Equipment on Pavement and Structures.** Add the following at the end of this Section: In accordance with Village Code (Title 9, Chapter 97, Section 97.200) the Contractor must obtain a permit for the movement of any overweight or oversize vehicle within the jurisdiction of the Village. If any of the following limits are exceeded, a permit is required.

<b>Maximum Gross Weight:</b>	<b>80,000 pounds</b>
<b>Maximum Gross Length:</b>	
<b>Tractor Trailer</b>	<b>55 feet</b>
<b>Truck Trailer</b>	<b>60 feet</b>
<b>Maximum Gross Width:</b>	<b>8 feet 6 inches</b>
<b>Maximum Gross Height:</b>	<b>13 feet 6 inches</b>
<b>Maximum Single Axle Weight Limit</b>	<b>20,000 pounds</b>
<b>Maximum Axle Tandem Weight Limit</b>	<b>34,000 pounds</b>

To reference the complete Village Ordinance concerning permit moves

<http://www.villageoflombard.org/DocumentCenter/View/11754>

**The Contractor must be familiar with the ordinance. This ordinance is strictly enforced; offenders will be subject to fine, arrest and prosecution.**

**Note:** Equipment owned and operated by a private contractor used in the construction of public works projects for the Village of Lombard will not be subject to permit fees. However, Contractors are still required to apply for a permit per ordinance. Fees will be waived as part of the review and approval process. In the event a vehicle is pulled over regarding size or load, drivers for the general contractor or subcontractor must be able to identify the name of the project and the Village point of contact for the job.

The Lombard Police Department is now using an online-based permitting system via the website, [www.oxcartpermits.com](http://www.oxcartpermits.com). Contractors applying for an overweight/oversize permit will have to use the Oxcart permitting software. The form can be completed on the Oxcart website under the Trucking login/sign up link (<http://oxcartpermits.com/user/trucking>)

Visit <http://www.villageoflombard.org/421/Truck-Enforcement-OversizeOverweight-Per> regarding enforcement and truck routes. If you have any questions regarding commercial motor vehicle/permits please contact Sergeant Joseph Menolascino of the Lombard Police Department at 630-873-4497 or by e-mail at [MenolascinoJ@villageoflombard.org](mailto:MenolascinoJ@villageoflombard.org)

**107.18 Use of Fire Hydrants.** Add the following at the end of this Section: A Contractor who has a relatively stationary operation (underground utility installation/repair) may request to use fire hydrants within the project area. **Fire hydrant usage will only be allowed after the Contractor receives authorization from the Village.** The Village has the option of designating a hydrant(s) that the Contractor can utilize within the work



zone or project area. Before drawing water from any fire hydrant, the Contractor shall rent a water meter and RPZ valve from the Village. The meter and RPZ valve must be connected to the fire hydrant while it is in use. **Meter rentals must be returned after 90 days.** Meter rentals may be renewed after 90 days; however, rental and usage fees at the time of renewal will be charged. Meter renewals will require a new deposit and a renewal fee. The Village will refund any balance from the daily rental fee incurred during the 90-day rental period.

Billing rates and fees are listed below.

#### **Water Meter Rental Charges**

##### **5/8" or 3/4" Meter**

Initial Administration Fee	\$40.00
Deposit	\$500.00
Meter Rental Fee (per day)	\$3.00
Maximum Rental Time	90 days
Renewal Fee	\$10.00

##### **2" Meter**

Initial Administration Fee	\$40.00
Deposit	\$2,000.00
Meter Rental Fee (per day)	\$5.00
Maximum Rental Time	90 days
Renewal Fee	\$10.00

Contractors wishing to rent a water meter should contact the Village Department of Public Works at (630) 620-5740. The Finance Department will deduct the water meter rental fee from the deposit. Note: The Village does have a limited supply of water meter/RPZ valves. In the event a meter is not available, the Contractor would need to utilize the bulk water station to conduct his work.

**Landscaping contractors must utilize the bulk water station located within the Village Complex, just west of the Public Works Building.** Terms and conditions are as follows; The Contractor will be given a four-digit code to access the bulk water station. Based on the amount of watering and supplemental watering calculated per the relevant articles of the contract document, the Contractor will be given a stipend amount of water to execute the work. In the event additional water is necessary, the Contractor shall contact the Engineer. The Engineer will review the usage and determine as to **if** and how much additional water will be dispensed at no charge to the Contractor.

**Paving contractors must utilize the bulk water station located within the Village Complex, just west of the Public Works Building.** Terms and conditions are as follows; At the pre-construction meeting, the paving contractor shall inform the Village as to the amount of water that is projected to be necessary to perform the contracted work. The Contractor shall be given an agreed stipend amount of water, along with a four-digit code to access the bulk water station. Requests for additional water usage are subject to the review of the Engineer. A determination as to; **if** and how much additional water will be dispensed at no charge to the Contractor shall rest with the Engineer.

#### **Unauthorized or improper use will subject the offender to arrest and prosecution.**

**107.24 Forest Protection.** Add the following at the end of this Section: In the case of excavation, the Contractor shall attend the showing of a videotape regarding tree protection during construction. The videotape will be shown at the Public Works Building. The approximate time required to view the videotape is one (1) hour. The videotape shall be viewed before any excavation begins. The Engineer will arrange a time suitable to all parties involved to view the videotape. This work will not be paid for separately, but shall be considered incidental to the Contract. The Contractor shall also protect parkway trees from damage by their operations. Failure to do so will result in the following deductions from monies owed to the Contractor:

**DAMAGE TO PARKWAY TREES CAUSING REMOVAL (PAYMENT):** Any person that damages a parkway tree so severely that the tree dies or requires removal shall compensate the Village for the loss of the parkway tree. The amount paid shall be based on the following schedule:

1. If the damaged parkway tree is up to 6 in. in diameter (measured at 6 in. above ground level), the amount paid shall be determined by using the "Replacement Cost Method" of evaluating trees found in the most current edition of the *Council of Tree and Landscape Appraisers Guide (CTLA) for Plant Appraisal*.
2. For parkway trees larger than a 6 in. trunk diameter, (measured at 54 in. above grade) the amount paid shall be determined by using the "Trunk Formula Method" of evaluating trees found in the most current edition of the above-referenced CTLA's Guide.
3. Added to the costs established under the above provisions shall be the cost of the removal of the parkway tree.

**DAMAGE TO PARKWAY TREES NOT CAUSING REMOVAL (PAYMENT):** Any person that causes injury to a parkway tree shall compensate the Village for the injury to the parkway tree. Such injuries include, but are not limited to the following: damage to the tree trunk, broken branches, and the storing of construction materials within the drip-line of the tree. The amount paid shall be the actual cost to repair the damage.

The Forestry Division using the most current edition of the above-referenced CTLA's Guide shall determine the appraised value or the partial loss in the tree value.

The following is a SAMPLE of both methods of evaluating parkway trees:

**REPLACEMENT COST METHOD (TREES UP TO 6" DIAMETER):**

2" AUTUMN BLAZE FREEMAN MAPLE	\$ 445.00
2" HORSECHESTNUT	\$ 475.00
2" SWAMP WHITE OAK	\$ 485.00
2" RED OAK	\$ 485.00
2" HEDGE MAPLE	\$ 390.00
2" IVORY SILK JAPANESE TREE-LILAC	\$ 395.00

**TRUNK FORMULA METHOD (TREES OVER 6" DIAMETER):**

10" HONEY LOCUST	\$ 1,725.00
15" LITTLE-LEAF LINDEN	\$ 3,550.00
18" SUGAR MAPLE	\$ 5,460.00
19" RED MAPLE	\$ 4,950.00
30" SILVER MAPLE	\$ 9,200.00
32" HONEY LOCUST	\$15,800.00

**107.26 Indemnification.** In lieu of the first paragraph of Article 107.26 insert the following:

The Contractor shall indemnify, defend and save harmless the Village, its officers, agents, employees, representatives and assigns, from lawsuits, actions, costs (including attorneys' fees), claims or liabilities of any character, including, as allowed by law, liabilities incurred due to joint negligence of the Village and the Contractor, brought because of any injuries or damages received or sustained by any person, persons, or property on account of any act or omission, neglect or misconduct of said Contractor, its officers, agents and/or employees arising out of, or in performance of any of the provisions of the Contract, including any claims or amounts recovered for any infringements of patent, trademark or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act" or any other law, ordinance, order or decree. In connection with any such claims, lawsuits, actions or liabilities, the Village, its officers, agents, employees, representatives and their assigns shall have the right to defense counsel of their choice. The Contractor shall be solely liable for all costs of such defense and for all expenses, fees, judgments, settlements and all other costs arising out of such claims, lawsuits, actions or liabilities.

**107.27 Insurance.** In lieu of the first sentence of the third paragraph of Article 107.27 insert the following: The Contractor shall furnish to the Village satisfactory proof of coverage of the above insurance requirements, by a reliable company or companies, before commencing any work. Such proof shall consist of certificates executed by the respective insurance companies and filed with the Village. Said certificates shall contain a clause to the effect that, for the duration of the Contract, the insurance policy shall not be canceled, expired or changed as to the amount of coverage without written notification thirty (30) days in advance to the Village. In addition, said certificates shall list the Village and its officers, agents and employees as additional insureds on all required insurance policies and shall provide that all insurance policies provided by the contractor shall be primary to any insurance policies maintained by the Village.

In addition to the language set forth in Article 107.27, add the following at the end of this Section:

**The Contractor shall require subcontractors, if any, not protected under the Contractor's policies, to secure and maintain insurance of the same nature in amounts, and under the same terms, as required of the Contractor. Proof of said insurance shall be furnished to the Village.**

**107.28 Contractor Safety Responsibility.** Add the following at the end of this Section: The Contractor shall read and comply with all applicable Occupational Safety and Health Act (OSHA) standards. Special attention is directed to the Congressional Federal Register, Volume 58, Number 9, Thursday, January 14, 1993, Part 1910 (Permit Required Confined Spaces for General Industry) and 29CFR1926.650-652, Appendices A-F, Revised July 1, 1990 (Subpart P - Excavations). Equipment supplied to the Village must comply with all requirements and standards as specified by the OSHA. Items not meeting any OSHA specifications will be refused.

**107.35 Construction Noise Restrictions.** Delete sentence one of paragraph two and replace with the following: Confined periods shall be: 7:00 A.M. to 6:00 P.M. weekdays, 7:00 A.M. to 4:00 P.M. Saturdays and no work on Sundays or Legal Holidays (per section 107.09). Work outside these periods must have the prior, written permission of the Village Engineer or Assistant Director of Public Works. Muffling devices shall comply with the Village of Lombard, Code of Ordinances.

**107.36 Dust Control.** Delete paragraphs 3, 4 and 5 and add the following: Dust shall be controlled by the uniform application of sprinkled water and shall be applied only when directed and in a manner approved by the Engineer. All equipment used for this work shall meet with the Engineer's approval and shall be equipped with adequate measuring devices for determining the exact amount of water discharged. All water used shall be properly documented by ticket or other approved means.

**Method of Measurement.** This work will be measured in units of gallons of water applied. One unit is equivalent to 1,000 gallons of water applied. The Contractor's attention is called to Article 107.18 of the Special Provisions.

**Basis of Payment.** This work will be paid for at the contract unit price per unit for DUST CONTROL WATERING, which price shall include all labor, water and equipment for controlling dust as herein specified.

**107.43 Taxes.** The Village is exempt, by law, from paying the following taxes: Federal Excise Tax, Illinois Retailer's Occupation Tax, Use Tax and Municipal Retailers' Occupation Tax and Service Occupation Tax on materials and services purchased by the Village. A copy of the Village tax-exempt letter will be provided to the successful Bidder upon request.

**107.44 Non-Discrimination.** The Contractor shall, as a party to a Contract:

1. Refrain from unlawful discrimination in employment and take all necessary actions to assure equality of employment opportunity,
2. By submission of this proposal, the Contractor certifies that it is an "equal opportunity employer" as defined by Section 2000 (e) of Chapter 21, Title 42, U.S. Code Annotated and Executive Orders #11246 and #11375 (42 U.S.C., Section 2000 (e)); Exec. Order No. 11246, 30 F.R.

12319 (1965); Exec. Order No. 11375, 32 F.R. 14303 (1967) which are incorporated herein by reference. The Equal Opportunity Clause, Section 6.1 of the Rules and Regulations of the Department of Human Rights of the State of Illinois, is a material part of any contract awarded on the basis of this proposal.

It is unlawful to discriminate on the basis of race, color, sex, national origin, religion, ancestry, age, marital status, physical or mental handicap, military service sexual orientation or unfavorable discharge for military service. The Bidder shall comply with standards set forth in Title VII of the Civil Rights Act of 1964, 42 U.S.C. S 2000 et seq. and the Human Rights Act of the State of Illinois (775 ILCS 5/1 – 101 et seq.).

**107.45 Venue.** The parties hereto agree that for purposes of any lawsuit(s) between them concerning the Contract, its enforcement, or the subject matter thereof, venue shall be in DuPage County, Illinois, and the laws of the State of Illinois shall govern the cause of action.

**107.46 Warranty.** The Contractor warrants to the Village that materials and equipment furnished under the Contract will be of good quality and new and that the work will be free from defects in material and workmanship for one (1) year from the date of issuance of the final payment by the Village and any deficiencies shall be corrected by the Contractor under this warranty immediately upon notification from the Village.

## **SECTION 109. MEASUREMENT AND PAYMENT**

REV. 09/18

**109.03 Increased or Decreased Quantities.** From the first sentence, delete the following; "except as otherwise provided in Article 104.02".

**109.07 Partial Payments and Retainage.** Delete paragraph 1 under subsection (a) and replace with the following: The Engineer shall submit a partial payment estimate not more than once each month. Payment is predicated on approval of the Contractor's affidavit and partial waiver(s) of lien. Subsequent pay estimates will not be processed until partial waivers have been received and approved for all previous pay estimates. Retainage will not be deposited under any trust agreement. The Contractor will have the option to receive payment by check through the U.S. mail or payment via Electronic Funds Transfer (EFT). EFT payments will be made on Friday's (excluding bank holidays). If a bank holiday falls on a Friday, the EFT payment will be dated on the last working day before the holiday. **NO OTHER PAYMENT OPTIONS SHALL BE ALLOWED**

**109.08 Acceptance and Final Payment.** Add the following to the end of this Section: As a condition of final payment, all final waivers from any and all subcontractors and suppliers (*including copies of final waivers previously submitted for prior partial payments*), must accompany the Final Waiver and release of payment to the Contractor. Notwithstanding the foregoing, any payment, final or otherwise, shall not release the Contractor or his sureties from any obligations under the Contract or the Bonds (as defined in Section 102.11).

**109.09 Contract Claims.** Use Local Road and Street Recurring Special Provision Check Sheet #5 with the following edits:

References to "Court of Claims" are revised to read "Court".

**109.10 Contractor Record Retention.** Delete the first sentence and replace with the following. The Contractor and all subcontractors shall maintain books and records relating to the performance of the contract or subcontract and necessary to support amounts charged to the Village under the Contract and subcontract. The books and records shall be maintained by the Contractor for a minimum of three year from the later of the date of final payment under the Contract or the completion of the Contract. The books and records shall be maintained by the subcontractor for a minimum of three year from the later of the date of final payment under the subcontract or the completion of the subcontract. However, the three-year period shall be extended for the duration of any audit in progress at the time of that period's expiration. All book and records required to be maintained by the Contractor and subcontractor shall be available for review and audit by the Village, the State and any participating Federal agency if State or Federal funding is used for the Contract.

## **SECTION 211 TOPSOIL**

REV. 04/16

This work shall be performed in accordance with Sections 211 of the Standard Specifications with the following alterations.

**211.01 Description.** Delete the words "or compost."

**211.02 Materials.** Add "Only 'pulverized' top soil shall be used." Delete subsection (b).

**211.04 Placing Topsoil.** Delete paragraph two.

**211.05 Finishing** delete the words "or compost/topsoil blend" from sentence one.

**211.07 Method of Measurement.** In subparagraph (b), paragraph two delete the words "and compost furnish and place "

**211.08 Basis of Payment.** Delete the words "and per square yard (square meter) for COMPOST FURNISH AND PLACE, of the thickness specified.

## **SECTION 250 SEEDING**

REV 04/16

This work shall be performed in accordance with Sections 250 of the Standard Specifications with the following alterations.

**250.09 Method of Measurement.** Delete paragraph 2 and replace with:

(b) Measured Quantities. Seeding of the class specified will be measured in square yards (square meters) of surface area seeded.

**250.10 Basis of Payment.** Replace "acre (hectare)" in the first paragraph with, "square yards (square meters)".

## **SECTION 423 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT**

REV. 01/17

This work shall be performed in accordance with Section 423 and 351 of the Standard Specifications with the following alterations.

**423.01 Description.** Add the following: Driveways shall consist of a minimum of 6 in. for residential and 8 in. for commercial driveways, Class PV concrete placed on 2 in. of Aggregate Base Course, Type B.

**423.05 Forms.** Delete sentence one and replace with the following: Side forms shall be of lumber or of steel (of equal rigidity) and not less than 6 in for residential driveways and not less than 8 in for commercial driveways.

**423.10 Method of Measurement.** Add the following: All required excavation and saw cutting shall be included and shall not be paid for separately.

**423.11 Basis of Payment.** This work will be paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, SPECIAL of the thickness specified, which price shall include all required materials (including base course), labor and equipment necessary to complete the work as specified herein.

## **SECTION 424. PORTLAND CEMENT CONCRETE SIDEWALK**

REV. 01/20

This work shall be performed in accordance with Sections 424 and 311 of the Standard Specifications with the following alterations.

**424.04 Subgrade Preparation.** Sidewalks shall be placed on a minimum of 2 inches of subbase granular material, Type B.

**424.06 Placing and Finishing.** Add the following: At driveway apron locations, the depth of concrete shall be increased to 6 inches for residential drives and 8 inches for commercial drives. After the installation of the detectable warning surface, finishing will include edging around detectable warning surface. The surface shall be free of any debris, concrete and sealant and shall be cleaned according to the manufacturer's recommendations.

**424.09 Detectable Warnings:** Add the following.

Materials:

PLASTIC

Detectable warning shall be a prefabricated system. The size of the detectable warning pads shall consist of one (1) 24" x 60" warning pad. The color of the detectable warning surface shall be red, or approved equivalent. Approved products are listed below and are subject to change during time of contract.

**Access Tile, Inc.**

241 Main Street, Suite 100  
Buffalo, NY 14203  
Phone: (888) 679-4022  
Factory Representative: Tom Carroll  
Phone: (630) 689-7574  
[Tomc@engplastics.com](mailto:Tomc@engplastics.com)  
[www.accesstile.com](http://www.accesstile.com)

Local Retailer:

**Welch Bros., Inc.**  
1050 St. Charles Street  
Elgin, IL 60120  
Phone: (847) 741-6134  
Fax: (847) 741-6195  
Contact: Bill Werner  
[bwerner@welchbrothers.com](mailto:bwerner@welchbrothers.com)  
[www.welchbrothers.com](http://www.welchbrothers.com)

**ADA Solutions, Inc.**

323 Andover Street – Suite 3  
Wilmington, MA 01887  
Phone: (800) 372-0519  
Fax: (978) 262-9125  
[www.adatale.com](http://www.adatale.com)

Local Retailers:

**McCann Industries, Inc**  
543 S. Rohlwing Road  
Addison, IL 60101  
Phone: (630) 627-0000  
Fax: (630) 627-8711  
[sales@mccannonline.com](mailto:sales@mccannonline.com)  
[www.mccannonline.com](http://www.mccannonline.com)

**TufTile, Inc.**

1200 Flex Court  
Lake Zurich, IL 60047  
Phone: (888) 960-8897  
Fax: (847) 550-8004  
[sales@tuftile.com](mailto:sales@tuftile.com)  
[www.tuftile.com](http://www.tuftile.com)

Local Distributor:

**TufTile, Inc.**  
1200 Flex Court  
Lake Zurich, IL 60047  
Phone: (888) 960-8897  
Fax: (847) 550-8004  
[sales@tuftile.com](mailto:sales@tuftile.com)  
[www.tuftile.com](http://www.tuftile.com)

BRICK PAVERS

**Standard ADA Paver by:**

**Unilock Chicago, Inc.**

301 E. Sullivan Rd.  
Aurora, IL 60505  
Phone: (630) 892-9191  
Fax: (630) 892-9215

## CAST IRON PLATES

If cast iron plates are used as the final product, they shall be finished with a red powder coat, conforming to Federal Standard 595, color number 30166, or approved equivalent. If conditions require a curved detectable warning pad then the Radial Plate from East Jordan Iron Works shall be used.

### **EJ**

301 Spring Street  
East Jordan, MI 49727  
Phone: (800) 874-4100  
<http://americas.ejco.com>

### Local Distributors:

#### **EJ**

310 Garnet Drive  
New Lenox, IL 60451  
Phone: (815) 740-1640  
Fax: (815) 740-1633  
[customersupport@ejco.com](mailto:customersupport@ejco.com)

### **Neenah Enterprises, Inc.**

2121 Brooks Avenue  
Neenah, WI 54956  
Phone: (800) 558-5075  
Fax: (920) 729-3661  
[www.nfco.com](http://www.nfco.com)

### Local Distributor

#### **Neenah Foundry Company**

545 Kimberly Drive  
Carol Stream, IL 60188  
Phone: (630) 653-5440  
Fax: (630) 653-0170  
[carolstream@neenahenterprises.com](mailto:carolstream@neenahenterprises.com)

#### **424.12 Method of Measurement.** Delete the first paragraph and add the following:

This work will be measured for payment in place and the area computed in square feet (square meters). Curb ramps, including side curbs and side flares, will be measured for payment as sidewalk. No deduction will be made for detectable warnings located within the ramp.

#### **424.13 Basis of Payment.** Replace paragraph one with the following.

This work will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL, which price shall include all required expansion joints, finishing, variable height edge treatment at sidewalk ramps, additional thickness at driveway aprons, and compacted sub base granular material.

Replace paragraph two with the following.

Detectable warnings will be paid for at the contract unit price per square foot for DETECTABLE WARNINGS of the type specified

Add the following to the beginning of paragraph three: Where existing sidewalk is to be replaced, all removal and excavation will be paid for as SIDEWALK REMOVAL. Where new sidewalk is to be placed, excavation will be paid for as EARTH EXCAVATION.



**SECTION 602. CATCH BASIN, MANHOLE, INLET, DRAINAGE STRUCTURE AND VALVE  
VAULT CONSTRUCTION, ADJUSTMENT, AND RECONSTRUCTION**

REV. 01/20

This work shall be performed in accordance with Section 602 of the Standard Specifications with the following alterations.

**602.02 Materials.** Add the following:

- (s) High Density Expanded Polystyrene Adjusting Rings with Polyurea Coating (Note 4)
- (t) Expanded Polypropylene (EPP) Adjusting Rings (Note 5)
- (u) Resilient Pipe Connectors shall conform to ASTM C-923.

Delete Note 1 and replace with: "Note 1: HDPE plastic adjusting rings may only be used to adjust frames and grates of drainage and utility structures in landscaped areas. A maximum adjusting height of 12 in (305 mm) with a maximum number of three (3) rings is permitted. They shall be installed and sealed underneath the frames according to the manufacture's specification."

Delete Note 2 and replace with: "Note 2: Recycled rubber adjusting rings may be used to adjust frames and grates of drainage and utility structures. A maximum adjusting height of 12 in (305 mm) with a maximum number of three (3) rings is permitted. They shall be installed and sealed underneath the frames according to the manufacture's specification."

Add the following:

**"Note 4.** High density expanded polystyrene adjusting rings with polyurea coating shall meet the design load requirements of AASHTO HS20/25. The rings may be used to adjust the frames and grates of drainage and utility structures up to a maximum of 12 inches. They shall be installed and sealed underneath the frames according to the manufacturer's specifications.

**Note 5.** Riser rings fabricated from EPP may be used to adjust the frames and grates of drainage and utility structures up to a maximum of 12 inches. An adhesive meeting ASTM C920, Type S, Grade N5, Class 25 shall be used with EPP adjustment rings. The top ring of the adjustment stack shall be a finish ring with grooves on the lower surface and flat upper surface. The joints between all manhole adjustment rings and the frame and cover shall be sealed using the approved adhesive. In lieu of the use of an adhesive, an internal or external mechanical frame-chimney seal may be used for watertight installation. EPP adjustment rings shall not be used with heat shrinkable infiltration barriers."

**Note 6:** No concrete ring less than three (3) inches thick or less will be permitted. Any use of shims, regardless of the material, is strictly prohibited.

**Note 7:** In landscaped areas concrete adjusting rings shall be mortared on the outside around joints to prevent infiltration. In non-landscaped areas mortaring on the outside of the concrete adjusting rings shall not be required. Non-concrete rings shall be installed according to the manufacturers recommendations."

**602.05** Delete the entire section.

**602.06** Delete the entire section.

**602.07 Precast Reinforced Concrete Sections.** Delete the second sentence and replace with "The units shall be sealed using mastic joint sealer." Add the following: "All precast manhole bottoms shall have the

inverts (benches) formed in them either during fabrication or after installation, utilizing Class SI concrete.”

For structures shown to be reconstructed, the existing joints shall be cleaned of all loose mortar. Joints shall be dressed up with hydraulic cement per the Village Standard Details and to the approval of the Engineer or Village Representative.”

**602.08 Steps.** Modify section to read “Steps, when required, shall be plastic coated reinforcing bar of the dimensions indicated on the VILLAGE’s standard detail. Steps shall be embedded into the wall a minimum of 3 in. (75mm) but shall not be extended on the outside of the structure. Steps of other design and material that conform to the minimum requirements shown on the plans may be used when approved by the Engineer.”

**602.11 Furnishing and Placing Casting**

Add the following to subsection (a): “All new manhole frames and lids shall be Neenah R-1713 or East Jordan 1050Z1. All lids will be self sealing. The word “SANITARY”, “STORM” or “WATER” cast on all lids as appropriate. Storm sewer manhole lids shall have factory installed o-ring gaskets.”

Modify the following in subsection (c): In sentence 3 of paragraph 2, delete “or a HMA surface or binder course material”. Modify sentence 4 of paragraph 2 to read: “Class SI concrete shall be cured for a period of 72 hours”. Delete sentence 5 of paragraph 2 in its entirety.

Add subsection (d) as follows: When structures do not fall within pavement or are not placed per (b) or (c) above, an external chimney seal which fully encompasses the rings and castings shall be installed. When directed by the Engineer, the Contractor shall install a concrete collar behind any curb box that is found to be susceptible to inflow and infiltration.

**602.13 Inlet and Outlet Pipes.** Add the following: All manholes designated for sanitary sewers and valve vaults shall have resilient pipe connectors (rubber boots) for each pipe entering or leaving the manhole. All new structures without boots shall have inlet and outlet pipes sealed with hydraulic cement both on the inside and outside of the structure to eliminate infiltration.

For structures shown to be reconstructed, all loose brick and mortar around inlet and outlet pipes shall be removed. New concrete bricks and hydraulic cement shall be used to seal the space around the inlet and outlet pipes to the satisfaction of the Engineer or Village Representative.

**602.16 Basis of Payment.** Replace the second paragraph with the following: “When adjustment or reconstruction is specified and existing frames, grates and lids are to be used, this work will be paid for at the contract unit price per each for DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED or DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED which price shall include resetting the frame with grate or lid, and excavation and backfill, except excavation in rock.”

INDEX  
FOR  
SUPPLEMENTAL SPECIFICATIONS  
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2020

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 4-1-16) (Revised 1-1-20)

SUPPLEMENTAL SPECIFICATIONS

<u>Std. Spec. Sec.</u>		<u>Page No.</u>
106	Control of Materials .....	1
107	Legal Regulations and Responsibility to Public .....	2
109	Measurement and Payment .....	3
205	Embankment .....	4
403	Bituminous Surface Treatment (Class A-1, A-2, A-3) .....	5
404	Micro-Surfacing and Slurry Sealing .....	6
405	Cape Seal .....	17
406	Hot-Mix Asphalt Binder and Surface Course .....	27
420	Portland Cement Concrete Pavement .....	28
424	Portland Cement Concrete Sidewalk .....	30
442	Pavement Patching .....	31
502	Excavation for Structures .....	32
503	Concrete Structures .....	35
504	Precast Concrete Structures .....	38
506	Cleaning and Painting New Steel Structures .....	39
522	Retaining Walls .....	40
542	Pipe Culverts .....	41
586	Sand Backfill for Vaulted Abutments .....	42
602	Catch Basin, Manhole, Inlet, Drainage Structure, and Valve Vault Construction, Adjustment, and Reconstruction .....	44
603	Adjusting Frames and Grates of Drainage and Utility Structures .....	45
630	Steel Plate Beam Guardrail .....	46
631	Traffic Barrier Terminals .....	49
670	Engineer's Field Office and Laboratory .....	50
701	Work Zone Traffic Control and Protection .....	51
704	Temporary Concrete Barrier .....	53
780	Pavement Striping .....	55
781	Raised Reflective Pavement Markers .....	56
888	Pedestrian Push-Button .....	57
1001	Cement .....	58
1003	Fine Aggregates .....	59
1004	Coarse Aggregates .....	60
1006	Metals .....	63
1020	Portland Cement Concrete .....	65
1043	Adjusting Rings .....	67

1050	Poured Joint Sealers .....	69
1069	Pole and Tower .....	71
1077	Post and Foundation .....	72
1096	Pavement Markers .....	73
1101	General Equipment .....	74
1102	Hot-Mix Asphalt Equipment .....	75
1103	Portland Cement Concrete Equipment .....	77
1105	Pavement Marking Equipment .....	79
1106	Work Zone Traffic Control Devices .....	81

## RECURRING SPECIAL PROVISIONS

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

<u>CHECK SHEET #</u>		<u>PAGE NO.</u>
1	Additional State Requirements for Federal-Aid Construction Contracts .....	83
2	Subletting of Contracts (Federal-Aid Contracts) .....	86
3	EEO .....	87
4	Specific EEO Responsibilities Non Federal-Aid Contracts .....	97
5	Required Provisions - State Contracts .....	102
6	Asbestos Bearing Pad Removal .....	108
7	Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal .....	109
8	Temporary Stream Crossings and In-Stream Work Pads .....	110
9	Construction Layout Stakes Except for Bridges .....	111
10	Construction Layout Stakes .....	114
11	Use of Geotextile Fabric for Railroad Crossing .....	117
12	Subsealing of Concrete Pavements .....	119
13	Hot-Mix Asphalt Surface Correction .....	123
14	Pavement and Shoulder Resurfacing .....	125
15	Patching with Hot-Mix Asphalt Overlay Removal .....	126
16	Polymer Concrete .....	128
17	PVC Pipeliner .....	130
18	Bicycle Racks .....	131
19	Temporary Portable Bridge Traffic Signals .....	133
20	Work Zone Public Information Signs .....	135
21	Nighttime Inspection of Roadway Lighting .....	136
22	English Substitution of Metric Bolts .....	137
23	Calcium Chloride Accelerator for Portland Cement Concrete .....	138
24	Quality Control of Concrete Mixtures at the Plant .....	139
25	Quality Control/Quality Assurance of Concrete Mixtures .....	147
26	Digital Terrain Modeling for Earthwork Calculations .....	163
27	Reserved .....	165
28	Preventive Maintenance – Bituminous Surface Treatment (A-1) .....	166
29	Reserved .....	172
30	Reserved .....	173
31	Reserved .....	174
32	Temporary Raised Pavement Markers .....	175
33	Restoring Bridge Approach Pavements Using High-Density Foam .....	176
34	Portland Cement Concrete Inlay or Overlay .....	179
35	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching .....	183
36	Longitudinal Joint and Crack Patching .....	186

## LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

### Table of Contents

<u>CHECK SHEET #</u>		<u>PAGE NO.</u>
LRS1	Reserved .....	189
LRS2	Furnished Excavation .....	190
LRS3	Work Zone Traffic Control Surveillance .....	191
LRS4	Flaggers in Work Zones .....	192
LRS5	Contract Claims .....	193
LRS6	Bidding Requirements and Conditions for Contract Proposals .....	194
LRS7	Bidding Requirements and Conditions for Material Proposals .....	200
LRS8	Reserved .....	206
LRS9	Bituminous Surface Treatments .....	207
LRS10	Reserved .....	208
LRS11	Employment Practices .....	209
LRS12	Wages of Employees on Public Works .....	211
LRS13	Selection of Labor .....	213
LRS14	Paving Brick and Concrete Paver Pavements and Sidewalks .....	214
LRS15	Partial Payments .....	217
LRS16	Protests on Local Lettings .....	218
LRS17	Substance Abuse Prevention Program .....	219
LRS18	Multigrade Cold Mix Asphalt .....	220



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

Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	83
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	86
3	<input type="checkbox"/> EEO	87
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	97
5	<input type="checkbox"/> Required Provisions - State Contracts	102
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	108
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	109
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	110
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges	111
10	<input type="checkbox"/> Construction Layout Stakes	114
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	117
12	<input type="checkbox"/> Subsealing of Concrete Pavements	119
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	123
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing	125
15	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	126
16	<input type="checkbox"/> Polymer Concrete	128
17	<input type="checkbox"/> PVC Pipeliner	130
18	<input type="checkbox"/> Bicycle Racks	131
19	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	133
20	<input type="checkbox"/> Work Zone Public Information Signs	135
21	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	136
22	<input type="checkbox"/> English Substitution of Metric Bolts	137
23	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	138
24	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	139
25	<input checked="" type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	147
26	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	163
27	<input type="checkbox"/> Reserved	165
28	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment (A-1)	166
29	<input type="checkbox"/> Reserved	172
30	<input type="checkbox"/> Reserved	173
31	<input type="checkbox"/> Reserved	174
32	<input type="checkbox"/> Temporary Raised Pavement Markers	175
33	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	176
34	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	179
35	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	183
36	<input type="checkbox"/> Longitudinal Joint and Crack Patching	186



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

Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	<input type="checkbox"/> <b>Reserved</b>	189
LRS 2	<input type="checkbox"/> Furnished Excavation	190
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	191
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	192
LRS 5	<input checked="" type="checkbox"/> Contract Claims	193
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	194
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	200
LRS 8	<b>Reserved</b>	206
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	207
LRS 10	<b>Reserved</b>	208
LRS 11	<input checked="" type="checkbox"/> Employment Practices	209
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	211
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	213
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	214
LRS 15	<input checked="" type="checkbox"/> Partial Payments	217
LRS 16	<input type="checkbox"/> Protests on Local Lettings	218
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	219
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	220



Local Public Agency

County

Section Number

Village of Lombard

DuPage

20-00000-01-GM

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

April 1, 2016

, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specification and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of the above named section, and in case of conflict with any parts, or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

## **IDOT DISTRICT 1 SPECIAL PROVISIONS**

## **ADJUSTMENTS AND RECONSTRUCTIONS**

Effective: March 15, 2011

Revise the first paragraph of Article 602.04 to read:

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

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

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

Revise Article 603.05 to read:

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

Revise Article 603.06 to read:

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

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

Revise the first sentence of Article 603.07 to read:

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

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

Effective: January 1, 1985

Revised: January 5, 2016

886.02TS

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

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

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

### Notification of Intent to Work.

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

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

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

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

### Acceptance of Material.

The Contractor shall provide:

1. All material approval requests shall be submitted a minimum of seven (7) days prior to the delivery of equipment to the job site, or within 30 consecutive calendar days after the contract is awarded, or within 15 consecutive calendar days after the preconstruction meeting, whichever is first.
2. Four (4) copies of a letter listing the vendor's name and model numbers of the proposed equipment shall be supplied. The letter will be reviewed by the Traffic Design Engineer to determine whether the equipment to be used is approved. The letters will be stamped as approved or not approved accordingly and returned to the Contractor.
3. One (1) copy of material catalog cuts.
4. The contract number, permit number or intersection location must be on each sheet of the letter and material catalog cuts as required in items 2 and 3.

### Inspection of Construction.

When the road is open to traffic, except as otherwise provided in Section 801 and 850 of the Standard Specifications, the Contractor must request a turn-on and inspection of the completed detector loop installation at each separate location. This request must be made to the Traffic

Signal Maintenance and Operations Engineer at (847)705-4424 a minimum of seven (7) working days prior to the time of the requested inspection.

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

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

#### Restoration of Work Area.

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

#### Removal, Disposal and Salvage of Existing Traffic Signal Equipment.

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

#### DETECTOR LOOP REPLACEMENT.

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

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

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

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

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

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

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

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

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

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

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

Detector loop replacement shall be measured along the sawed slot in the pavement containing the loop cable up to the edge of pavement, rather than the actual length of the wire in the slot. Drilling handholes, sawing the pavement, furnishing and installing CNC to the appropriate handhole, cable splicing to provide a fully operable detector loop, testing and all trench and backfill shall be included in this item.

#### Basis of Payment.

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

#### MAGNETIC DETECTOR REMOVAL AND DETECTOR LOOP INSTALLATION.

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

#### Basis of Payment.

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



## FRICTION AGGREGATE (D-1)

Effective: January 1, 2011

Revised: November 1, 2019

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

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

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

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

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

Use	Mixture	Aggregates Allowed	
		50% Dolomite <sup>2/</sup>	Any Mixture E aggregate
		75% Dolomite <sup>2/</sup>	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone
		75% Crushed Gravel <sup>2/</sup> or Crushed Concrete <sup>3/</sup>	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
HMA High ESAL	F Surface IL-9.5  SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> <sup>5/ 6/</sup>	
		Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Crushed Gravel <sup>2/</sup> , Crushed Concrete <sup>3/</sup> , or Dolomite <sup>2/</sup>	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone

- 1/ Crushed steel slag allowed in shoulder surface only.
- 2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80. In SMA Ndesign 50, carbonate crushed stone shall not be blended with any of the other aggregates allowed alone in Ndesign 50 SMA binder or Ndesign 50 SMA surface.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as leveling binder.
- 5/ When combinations of aggregates are used, the blend percent measurements shall be by volume."
- 6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80."

## GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER (D-1)

Effective: June 26, 2006

Revised: April 1, 2016

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

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

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

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

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

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

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

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

Revise 1030.02(c) of the Standard Specifications to read:

“(c) RAP Materials (Note 5) .....1031”

Add the following note to 1030.02 of the Standard Specifications:

Note 5. When using reclaimed asphalt pavement and/or reclaimed asphalt shingles, the maximum asphalt binder replacement percentage shall be according to the most recent special provision for recycled materials.

### **Maintenance of Roadways**

Effective: September 30, 1985

Revised: November 1, 1996

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

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

## **RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (D-1)**

Effective: November 1, 2012

Revise: November 1, 2019

Revise Section 1031 of the Standard Specifications to read:

### **“SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES**

**1031.01 Description.** Reclaimed asphalt pavement and reclaimed asphalt shingles shall be according to the following.

- (a) Reclaimed Asphalt Pavement (RAP). RAP is the material resulting from cold milling or crushing an existing hot-mix asphalt (HMA) pavement. RAP will be considered processed FRAP after completion of both crushing and screening to size. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.
- (b) Reclaimed Asphalt Shingles (RAS). Reclaimed asphalt shingles (RAS). RAS is from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material, as defined in Central Bureau of Materials Policy Memorandum, “Reclaimed Asphalt Shingle (RAS) Sources”, by weight of RAS. All RAS used shall come from a Central Bureau of Materials approved processing facility where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 90 percent passing the #4 (4.75 mm) sieve. RAS shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.
  - (1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.
  - (2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

**1031.02 Stockpiles.** RAP and RAS stockpiles shall be according to the following.

- (a) RAP Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. Additional processed RAP (FRAP) shall be stockpiled in a separate working pile, as designated in the QC Plan, and only added to the sealed stockpile when test results for the working pile are complete and are found to meet tolerances specified herein for the original sealed FRAP stockpile. Stockpiles shall be sufficiently separated to prevent intermingling at the base. All stockpiles (including unprocessed RAP and FRAP) shall be identified by signs indicating the type as listed below (i.e. “Non- Quality, FRAP -#4 or Type 2 RAS”, etc...).

- (1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) or equivalent mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. All FRAP shall be processed prior to testing and sized into fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP in the coarse fraction shall pass the maximum sieve size specified for the mixture composition of the mix design.
- (2) Restricted FRAP (B quality) stockpiles shall consist of RAP from Class I, HMA (High ESAL), or HMA (High ESAL). If approved by the Engineer, the aggregate from a maximum 3.0 in. (75 mm) single combined pass of surface/binder milling will be classified as B quality. All millings from this application will be processed into FRAP as described previously.
- (3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) or equivalent mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed (FRAP) prior to testing. Conglomerate RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (4) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from HMA shoulders, bituminous stabilized subbases or HMA (Low ESAL)/HMA (Low ESAL) IL-19.0L binder mixture. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (5) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP or FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, plant cleanout etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

- (b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall be sufficiently separated to prevent intermingling at the base. Each stockpile shall be signed indicating what type of RAS is present.

However, a RAS source may submit a written request to the Department for approval to blend mechanically a specified ratio of Type 1 RAS with Type 2 RAS. The source will not be permitted to change the ratio of the blend without the Department prior written



approval. The Engineer's written approval will be required, to mechanically blend RAS with any fine aggregate produced under the AGCS, up to an equal weight of RAS, to improve workability. The fine aggregate shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The fine aggregate shall be one that is approved for use in the HMA mixture and accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type, and lot number shall be maintained by project contract number and kept for a minimum of three years.

**1031.03 Testing.** FRAP and RAS testing shall be according to the following.

(a) FRAP Testing. When used in HMA, the FRAP shall be sampled and tested either during processing or after stockpiling. It shall also be sampled during HMA production.

(1) During Stockpiling. For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).

(2) Incoming Material. For testing as incoming material, washed extraction samples shall be run at a minimum frequency of one sample per 2000 tons (1800 metric tons) or once per week, whichever comes first.

(3) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Before extraction, each field sample of FRAP, shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

(b) RAS Testing. RAS shall be sampled and tested during stockpiling according to Central Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources". The Contractor shall also sample as incoming material at the HMA plant.

(1) During Stockpiling. Washed extraction and testing for unacceptable materials shall be run at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1000 tons (900 metric tons) and one sample per 1000 tons (900 metric tons) thereafter. A minimum of five samples are required for stockpiles less than

1000 tons (900 metric tons). Once a  $\leq 1000$  ton (900 metric ton), five-sample/test stockpile has been established it shall be sealed. Additional incoming RAS shall be in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

- (2) Incoming Material. For testing as incoming material at the HMA plant, washed extraction shall be run at the minimum frequency of one sample per 250 tons (227 metric tons). A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). The incoming material test results shall meet the tolerances specified herein.

The Contractor shall obtain and make available all test results from start of the initial stockpile sampled and tested at the shingle processing facility in accordance with the facility's QC Plan.

Before extraction, each field sample shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedures. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

**1031.04 Evaluation of Tests.** Evaluation of test results shall be according to the following.

- (a) Evaluation of FRAP Test Results. All test results shall be compiled to include asphalt binder content, gradation and, when applicable (for slag),  $G_{mm}$ . A five test average of results from the original pile will be used in the mix designs. Individual extraction test results run thereafter, shall be compared to the average used for the mix design, and will be accepted if within the tolerances listed below.

Parameter	FRAP
No. 4 (4.75 mm)	$\pm 6 \%$
No. 8 (2.36 mm)	$\pm 5 \%$
No. 30 (600 $\mu\text{m}$ )	$\pm 5 \%$
No. 200 (75 $\mu\text{m}$ )	$\pm 2.0 \%$
Asphalt Binder	$\pm 0.3 \%$
$G_{mm}$	$\pm 0.03$ <sup>1/</sup>

- 1/ For stockpile with slag or steel slag present as determined in the current Manual of Test Procedures Appendix B 21, "Determination of Reclaimed Asphalt Pavement Aggregate Bulk Specific Gravity".

If any individual sieve and/or asphalt binder content tests are out of the above tolerances when compared to the average used for the mix design, the FRAP stockpile shall not be

used in Hot-Mix Asphalt unless the FRAP representing those tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

The Contractor shall maintain a representative moving average of five tests to be used for Hot-Mix Asphalt production.

With the approval of the Engineer, the ignition oven may be substituted for extractions according to the ITP, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)" or Illinois Modified AASHTO T-164-11, Test Method A.

- (b) Evaluation of RAS Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. A five test average of results from the original pile will be used in the mix designs. Individual test results run thereafter, when compared to the average used for the mix design, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 µm)	± 4 %
No. 200 (75 µm)	± 2.5 %
Asphalt Binder Content	± 2.0 %

If any individual sieve and/or asphalt binder content tests are out of the above tolerances when compared to the average used for the mix design, the RAS shall not be used in Hot-Mix Asphalt unless the RAS representing those tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

- (c) Quality Assurance by the Engineer. The Engineer may witness the sampling and splitting conduct assurance tests on split samples taken by the Contractor for quality control testing a minimum of once a month.

The overall testing frequency will be performed over the entire range of Contractor samples for asphalt binder content and gradation. The Engineer may select any or all split samples for assurance testing. The test results will be made available to the Contractor as soon as they become available.

The Engineer will notify the Contractor of observed deficiencies.

Differences between the Contractor's and the Engineer's split sample test results will be considered acceptable if within the following limits.

Test Parameter	Acceptable Limits of Precision
----------------	--------------------------------

% Passing: <sup>1/</sup>	FRAP	RAS
1/2 in.	5.0%	
No. 4	5.0%	
No. 8	3.0%	4.0%
No. 30	2.0%	4.0%
No. 200	2.2%	4.0%
Asphalt Binder Content	0.3%	3.0%
G <sub>mm</sub>	0.030	

1/ Based on washed extraction.

In the event comparisons are outside the above acceptable limits of precision, the Engineer will immediately investigate.

- (d) Acceptance by the Engineer. Acceptable of the material will be based on the validation of the Contractor's quality control by the assurance process.

#### **1031.05 Quality Designation of Aggregate in RAP and FRAP.**

- (a) RAP. The aggregate quality of the RAP for homogeneous, conglomerate, and conglomerate "D" quality stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.

- (1) RAP from Class I, HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.
- (2) RAP from HMA (Low ESAL) IL-19.0L binder mixture is designated as Class D quality coarse aggregate.
- (3) RAP from Class I, HMA (High ESAL) binder mixtures, bituminous base course mixtures, and bituminous base course widening mixtures are designated as containing Class C quality coarse aggregate.
- (4) RAP from bituminous stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.

- (b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

If the quality is not known, the quality shall be determined as follows. Fractionated RAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5,000 tons (4,500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant laboratory prequalified by the Department for the specified testing. The consultant laboratory shall submit the test results along with the recovered aggregate to

the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the Central Bureau of Materials Aggregate Lab for MicroDeval Testing, according to ITP 327. A maximum loss of 15.0 percent will be applied for all HMA applications. The fine aggregate portion of the fractionated RAP shall not be used in any HMA mixtures that require a minimum of "B" quality aggregate or better, until the coarse aggregate fraction has been determined to be acceptable thru a MicroDeval Testing.

**1031.06 Use of FRAP and/or RAS in HMA.** The use of FRAP and/or RAS shall be the Contractor's option when constructing HMA in all contracts.

(a) FRAP. The use of FRAP in HMA shall be as follows.

- (1) Coarse Aggregate Size (after extraction). The coarse aggregate in all FRAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.
- (2) Steel Slag Stockpiles. FRAP stockpiles containing steel slag or other expansive material, as determined by the Department, shall be homogeneous and will be approved for use in HMA (High ESAL and Low ESAL) mixtures regardless of lift or mix type.
- (3) Use in HMA Surface Mixtures (High and Low ESAL). FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall have coarse aggregate that is Class B quality or better. FRAP shall be considered equivalent to limestone for frictional considerations unless produced/screened to minus 3/8 inch.
- (4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP in which the coarse aggregate is Class C quality or better.
- (5) Use in Shoulders and Subbase. FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, Restricted FRAP, conglomerate, or conglomerate DQ.

(b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.

(c) FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAS may be used alone or in conjunction with FRAP in HMA mixtures up to a maximum of 5.0 percent by weight of the total mix.

When FRAP is used alone or FRAP is used in conjunction with RAS, the percent of virgin asphalt binder replacement (ABR) shall not exceed the amounts listed below for a given N Design.

### Maximum Asphalt Binder Replacement (ABR) for FRAP with RAS Combination

HMA Mixtures <small>1/ 2/ 4/</small>	Maximum % ABR		
	Binder <sup>5/</sup>	Surface <sup>5/</sup>	Polymer Modified <sup>3/</sup>
30L	50	40	30
50	40	35	30
70	40	30	30
90	40	30	30
SMA			30
IL-4.75			40

1/ For Low ESAL HMA shoulder and stabilized subbase, the percent asphalt binder replacement shall not exceed 50 % of the total asphalt binder in the mixture.

2/ When the binder replacement exceeds 15 % for all mixes, except for SMA and IL-4.75, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 % binder replacement using a virgin asphalt binder grade of PG64-22 will be reduced to a PG58-28). When constructing full depth HMA and the ABR is less than 15 %, the required virgin asphalt binder grade shall be PG64-28.

3/ When the ABR for SMA or IL-4.75 is 15 % or less, the required virgin asphalt binder shall be SBS PG76-22 and the elastic recovery shall be a minimum of 80. When the ABR for SMA or IL-4.75 exceeds 15%, the virgin asphalt binder grade shall be SBS PG70-28 and the elastic recovery shall be a minimum of 80.

4/ When FRAP or RAS is used alone, the maximum percent asphalt binder replacement designated on the table shall be reduced by 10 %.

5/ When the mix has Illinois Flexibility Index Test (I-FIT) requirements, the maximum percent asphalt binder replacement designated on the table may be increased by 5%.

**1031.07 HMA Mix Designs.** At the Contractor's option, HMA mixtures may be constructed utilizing FRAP and/or RAS material meeting the detailed requirements specified herein.

- (a) FRAP and/or RAS. FRAP and /or RAS mix designs shall be submitted for verification. If additional FRAP or RAS stockpiles are tested and found to be within tolerance, as defined under "Evaluation of Tests" herein, and meet all requirements herein, the

additional FRAP or RAS stockpiles may be used in the original design at the percent previously verified.

(b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design.

The RAP, FRAP and RAS stone specific gravities ( $G_{sb}$ ) shall be according to the "Determination of Aggregate Bulk (Dry) Specific Gravity ( $G_{sb}$ ) of Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)" procedure in the Department's Manual of Test Procedures for Materials.

**1031.08 HMA Production.** HMA production utilizing FRAP and/or RAS shall be as follows.

A scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAS and FRAP feed system to remove or reduce oversized and agglomerated material.

If during mix production, corrective actions fail to maintain FRAP, RAS or QC/QA test results within control tolerances or the requirements listed herein, the Contractor shall cease production of the mixture containing FRAP or RAS and conduct an investigation that may require a new mix design.

(a) FRAP. The coarse aggregate in all FRAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.

(b) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within  $\pm 0.5$  percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.

(c) HMA Plant Requirements. HMA plants utilizing FRAP and/or RAS shall be capable of automatically recording and printing the following information.

(1) Dryer Drum Plants.

- a. Date, month, year, and time to the nearest minute for each print.
- b. HMA mix number assigned by the Department.
- c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

- d. Accumulated dry weight of RAS and FRAP in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.
- f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.
- g. Residual asphalt binder in the RAS and FRAP material as a percent of the total mix to the nearest 0.1 percent.
- h. Aggregate RAS and FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAS and FRAP are printed in wet condition.)
- i. When producing mixtures with FRAP and/or RAS, a positive dust control system shall be utilized.
- j. Accumulated mixture tonnage.
- k. Dust Removed (accumulated to the nearest 0.1 ton (0.1 metric ton))

(2) Batch Plants.

- a. Date, month, year, and time to the nearest minute for each print.
- b. HMA mix number assigned by the Department.
- c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).
- d. Mineral filler weight to the nearest pound (kilogram).
- e. RAS and FRAP weight to the nearest pound (kilogram).
- f. Virgin asphalt binder weight to the nearest pound (kilogram).
- g. Residual asphalt binder in the RAS and FRAP material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.



**1031.09 RAP in Aggregate Surface Course and Aggregate Wedge Shoulders, Type B.**

The use of RAP in aggregate surface course and aggregate shoulders shall be as follows.

- (a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply. RAP used shall be according to the current Central Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".
- (b) Gradation. The RAP material shall meet the gradation requirements for CA 6 according to Article 1004.01(c), except the requirements for the minus No. 200 (75  $\mu$ m) sieve shall not apply. The sample for the RAP material shall be air dried to constant weight prior to being tested for gradation."

## **STATUS OF UTILITIES (D-1)**

Effective: June 1, 2016

Revised: January 1, 2020

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

### **UTILITIES TO BE ADJUSTED**

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

#### **Pre-Stage**

<b>STAGE / LOCATION</b>	<b>TYPE</b>	<b>DESCRIPTION</b>	<b>RESPONSIBLE AGENCY</b>	<b>DURATION OF TIME</b>

#### **Stage 1**

<b>STAGE / LOCATION</b>	<b>TYPE</b>	<b>DESCRIPTION</b>	<b>RESPONSIBLE AGENCY</b>	<b>DURATION OF TIME</b>

#### **Stage 2**

<b>STAGE / LOCATION</b>	<b>TYPE</b>	<b>DESCRIPTION</b>	<b>RESPONSIBLE AGENCY</b>	<b>DURATION OF TIME</b>

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

**Pre-Stage:** \_\_\_\_\_ **Days Total Installation**

**Stage 1:** \_\_\_\_\_ **Days Total Installation**

**Stage 2:** \_\_\_\_\_ **Days Total Installation**

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

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

### **UTILITIES TO BE WATCHED AND PROTECTED**

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

#### **Pre-Stage**

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

#### **Stage 1**

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

#### **Stage 2**

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

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

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

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

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

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

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

## **TRAFFIC CONTROL PLAN**

Effective: September 30, 1985

Revised: January 1, 2007

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

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards relating to traffic control:

701006-05 701301-04 701311-03 701501-06 701602-10 701606-10 701611-01  
701701-10 701801-06 701901-08

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 as directed by the Engineer and in accordance with the applicable parts of Article 107.14 and Section 701 of the Standard Specifications and the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways.

Work Zone Traffic Control will be paid for at the contract lump sum price per standard.

The Contractor is hereby advised to carefully review all streets where work is proposed as it relates to traffic control. The Contractor is also advised that notification to all affected residents is his responsibility including the placement of "No Parking" signs at least 24 hours prior to paving operations. In addition, signage indicating road conditions such as "Bump", "Rough Surface", "Fresh Oil", etc., as requested by the Village will be required at no additional expense and be considered part of Traffic Control and Protection.

The Contractor shall contact the Village of Lombard at least 48 hours in advance of beginning work.

**BDE SPECIAL PROVISIONS CHECK SHEET**

**&**

**BDE SPECIAL PROVISIONS**

**BDE SPECIAL PROVISIONS**  
For the July 31, 2020 and September 18, 2020 Lettings

The following special provisions indicated by a "check mark" are applicable to this contract and will be included by the Project Coordination and Implementation Section of the BD&E. An \* indicates a new or revised special provision for the letting.

File Name	#		Special Provision Title	Effective	Revised
80099	1	<input type="checkbox"/>	Accessible Pedestrian Signals (APS)	April 1, 2003	April 1, 2020
80274	2	<input type="checkbox"/>	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
80192	3	<input type="checkbox"/>	Automated Flagger Assistance Device	Jan. 1, 2008	
80173	4	<input type="checkbox"/>	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
80426	5	<input type="checkbox"/>	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	
80241	6	<input type="checkbox"/>	Bridge Demolition Debris	July 1, 2009	
50261	7	<input type="checkbox"/>	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481	8	<input type="checkbox"/>	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491	9	<input type="checkbox"/>	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50531	10	<input type="checkbox"/>	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
80425	11	<input type="checkbox"/>	Cape Seal	Jan. 1, 2020	
80384	12	<input checked="" type="checkbox"/>	Compensable Delay Costs	June 2, 2017	April 1, 2019
80198	13	<input type="checkbox"/>	Completion Date (via calendar days)	April 1, 2008	
80199	14	<input type="checkbox"/>	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80293	15	<input type="checkbox"/>	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
80311	16	<input type="checkbox"/>	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
80277	17	<input type="checkbox"/>	Concrete Mix Design – Department Provided	Jan. 1, 2012	April 1, 2016
80261	18	<input checked="" type="checkbox"/>	Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
80387	19	<input type="checkbox"/>	Contrast Preformed Plastic Pavement Marking	Nov. 1, 2017	
80029	20	<input type="checkbox"/>	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
80402	21	<input checked="" type="checkbox"/>	Disposal Fees	Nov. 1, 2018	
80378	22	<input type="checkbox"/>	Dowel Bar Inserter	Jan. 1, 2017	Jan. 1, 2018
80405	23	<input type="checkbox"/>	Elastomeric Bearings	Jan. 1, 2019	
80421	24	<input type="checkbox"/>	Electric Service Installation	Jan. 1, 2020	
80415	25	<input checked="" type="checkbox"/>	Emulsified Asphalts	Aug. 1, 2019	
80423	26	<input type="checkbox"/>	Engineer's Field Office and Laboratory	Jan. 1, 2020	
80388	27	<input checked="" type="checkbox"/>	Equipment Parking and Storage	Nov. 1, 2017	
80229	28	<input type="checkbox"/>	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80417	29	<input type="checkbox"/>	Geotechnical Fabric for Pipe Underdrains and French Drains	Nov. 1, 2019	
80420	30	<input type="checkbox"/>	Geotextile Retaining Walls	Nov. 1, 2019	
80304	31	<input type="checkbox"/>	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Nov. 1, 2017
80422	32	<input type="checkbox"/>	High Tension Cable Median Barrier Reflectors	Jan. 1, 2020	
80416	33	<input type="checkbox"/>	Hot-Mix Asphalt – Binder and Surface Course	July 2, 2019	Nov. 1, 2019
80398	34	<input type="checkbox"/>	Hot-Mix Asphalt – Longitudinal Joint Sealant	Aug. 1, 2018	Nov. 1, 2019
80406	35	<input type="checkbox"/>	Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT Data Collection)	Jan. 1, 2019	Jan. 2, 2020
80347	36	<input type="checkbox"/>	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	July 2, 2019
80383	37	<input type="checkbox"/>	Hot-Mix Asphalt – Quality Control for Performance	April 1, 2017	July 2, 2019
80411	38	<input type="checkbox"/>	Luminaires, LED	April 1, 2019	
80393	39	<input type="checkbox"/>	Manholes, Valve Vaults, and Flat Slab Tops	Jan. 1, 2018	March 1, 2019
80045	40	<input type="checkbox"/>	Material Transfer Device	June 15, 1999	Aug. 1, 2014
80418	41	<input type="checkbox"/>	Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	
80424	42	<input type="checkbox"/>	Micro-Surfacing and Slurry Sealing	Jan. 1, 2020	
80428	43	<input checked="" type="checkbox"/>	Mobilization	April 1, 2020	
80165	44	<input type="checkbox"/>	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
80412	45	<input type="checkbox"/>	Obstruction Warning Luminaires, LED	Aug. 1, 2019	
80349	46	<input type="checkbox"/>	Pavement Marking Blackout Tape	Nov. 1, 2014	April 1, 2016



80371	47	<input type="checkbox"/>	Pavement Marking Removal	July 1, 2016	
80389	48	<input checked="" type="checkbox"/>	Portland Cement Concrete	Nov. 1, 2017	
80430	49	<input type="checkbox"/>	Portland Cement Concrete – Haul Time	July 1, 2020	
80359	50	<input type="checkbox"/>	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Nov. 1, 2019
80431	51	<input type="checkbox"/>	Portland Cement Concrete Pavement Patching	July 1, 2020	
80432	52	<input type="checkbox"/>	Portland Cement Concrete Pavement Placement	July 1, 2020	
80300	53	<input type="checkbox"/>	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
34261	54	<input type="checkbox"/>	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	55	<input type="checkbox"/>	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	56	<input type="checkbox"/>	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	Jan. 2, 2020
80407	57	<input checked="" type="checkbox"/>	Removal and Disposal of Regulated Substances	Jan. 1, 2019	Jan. 1, 2020
80419	58	<input type="checkbox"/>	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Nov. 1, 2019	April 1, 2020
80395	59	<input type="checkbox"/>	Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
80340	60	<input type="checkbox"/>	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
80127	61	<input type="checkbox"/>	Steel Cost Adjustment	April 2, 2004	Aug. 1, 2017
80408	62	<input type="checkbox"/>	Steel Plate Beam Guardrail Manufacturing	Jan. 1, 2019	
80413	63	<input type="checkbox"/>	Structural Timber	Aug. 1, 2019	
80397	64	<input type="checkbox"/>	Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	65	<input checked="" type="checkbox"/>	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
80317	66	<input type="checkbox"/>	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	Aug. 1, 2019
80298	67	<input type="checkbox"/>	Temporary Pavement Marking	April 1, 2012	April 1, 2017
80403	68	<input type="checkbox"/>	Traffic Barrier Terminal, Type 1 Special	Nov. 1, 2018	
80409	69	<input checked="" type="checkbox"/>	Traffic Control Devices - Cones	Jan. 1, 2019	
80410	70	<input type="checkbox"/>	Traffic Spotters	Jan. 1, 2019	
20338	71	<input type="checkbox"/>	Training Special Provisions	Oct. 15, 1975	
80318	72	<input type="checkbox"/>	Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
80429	73	<input type="checkbox"/>	Ultra-Thin Bonded Wearing Course	April 1, 2020	
80288	74	<input checked="" type="checkbox"/>	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	75	<input type="checkbox"/>	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80414	76	<input type="checkbox"/>	Wood Fence Sight Screen	Aug. 1, 2019	April 1, 2020
80427	77	<input checked="" type="checkbox"/>	Work Zone Traffic Control Devices	Mar. 2, 2020	
80071	78	<input type="checkbox"/>	Working Days	Jan. 1, 2002	

The following special provisions are in the 2020 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80404	Coarse Aggregate Quality for Micro-Surfacing and Cape Seals	Article 1004.01(b)	Jan. 1, 2019	
80392	Lights on Barricades	Articles 701.16, 701.17(c)(2) & 603.07	Jan. 1, 2018	
80336	Longitudinal Joint and Crack Patching	Check Sheet #36	April 1, 2014	April 1, 2016
80400	Mast Arm Assembly and Pole	Article 1077.03(b)	Aug. 1, 2018	
80394	Metal Flared End Section for Pipe Culverts	Articles 542.07(c) and 542.11	Jan. 1, 2018	April 1, 2018
80390	Payments to Subcontractors	Article 109.11	Nov. 2, 2017	

The following special provisions have been deleted from use.

<u>File Name</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80328	Progress Payments	Nov. 2, 2013	

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

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

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

Effective: June 2, 2017

Revised: April 1, 2019

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Add the following to Section 109 of the Standard Specifications.

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

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

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

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

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

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

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

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

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

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

## CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010

Revised: November 1, 2014

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **Diesel Retrofit Deficiency Deduction**

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

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

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

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

80261



## **DISPOSAL FEES (BDE)**

Effective: November 1, 2018

Replace Articles 109.04(b)(5) – 109.04(b)(8) of the Standard Specifications with the following:

- “(5) Disposal Fees. When the extra work performed includes paying for disposal fees at a clean construction and demolition debris facility, an uncontaminated soil fill operation or a landfill, the Contractor shall receive, as administrative costs, an amount equal to five percent of the first \$10,000 and one percent of any amount over \$10,000 of the total approved costs of such fees.
- (6) Miscellaneous. No additional allowance will be made for general superintendence, the use of small tools, or other costs for which no specific allowance is herein provided.
- (7) Statements. No payment will be made for work performed on a force account basis until the Contractor has furnished the Engineer with itemized statements of the cost of such force account work. Statements shall be accompanied and supported by invoices for all materials used and transportation charges. However, if materials used on the force account work are not specifically purchased for such work but are taken from the Contractor's stock, then in lieu of the invoices, the Contractor shall furnish an affidavit certifying that such materials were taken from his/her stock, that the quantity claimed was actually used, and that the price and transportation claimed represent the actual cost to the Contractor.

Itemized statements at the cost of force account work shall be detailed as follows.

- a. Name, classification, date, daily hours, total hours, rate, and extension for each laborer and foreman. Payrolls shall be submitted to substantiate actual wages paid if so requested by the Engineer.
  - b. Designation, dates, daily hours, total hours, rental rate, and extension for each unit of machinery and equipment.
  - c. Quantities of materials, prices and extensions.
  - d. Transportation of materials.
  - e. Cost of property damage, liability and workmen's compensation insurance premiums, unemployment insurance contributions, and social security tax.
- (8) Work Performed by an Approved Subcontractor. When extra work is performed by an approved subcontractor, the Contractor shall receive, as administrative costs, an amount equal to five percent of the total approved costs of such work with the minimum payment being \$100.

- (9) All statements of the cost of force account work shall be furnished to the Engineer not later than 60 days after receipt of the Central Bureau of Construction form "Extra Work Daily Report". If the statement is not received within the specified time frame, all demands for payment for the extra work are waived and the Department is released from any and all such demands. It is the responsibility of the Contractor to ensure that all statements are received within the specified time regardless of the manner or method of delivery."

80402

## EMULSIFIED ASPHALTS (BDE)

Effective: August 1, 2019

Revise Article 1032.06 of the Standard Specifications to read:

**“1032.06 Emulsified Asphalts.** Emulsified asphalts will be accepted according to the current Bureau of Materials Policy Memorandum, “Emulsified Asphalt Acceptance Procedure”. These materials shall be homogeneous and shall show no separation of asphalt after thorough mixing, within 30 days after delivery, provided separation has not been caused by freezing. They shall coat the aggregate being used in the work to the satisfaction of the Engineer and shall be according to the following requirements.

(a) Anionic Emulsified Asphalt. Anionic emulsified asphalts RS-1, RS-2, HFRS-2, SS-1h, and SS-1 shall be according to AASHTO M 140, except as follows.

(1) The cement mixing test will be waived when the emulsion is being used as a tack coat.

(2) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

(b) Cationic Emulsified Asphalt. Cationic emulsified asphalts CRS-1, CRS-2, CSS-1h, and CSS-1 shall be according to AASHTO M 208, except as follows.

(1) The cement mixing test will be waived when the emulsion is being used as a tack coat.

(2) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

(c) High Float Emulsion. High float emulsions HFE-90, HFE-150, and HFE-300 are medium setting and shall be according to the following table.

Test	HFE-90	HFE-150	HFE-300
Viscosity, Saybolt Furol, at 122 °F (50 °C), (AASHTO T 59), SFS <sup>1/</sup>	50 min.	50 min.	50 min.
Sieve Test, No. 20 (850 µm), retained on sieve, (AASHTO T 59), %	0.10 max.	0.10 max.	0.10 max.
Storage Stability Test, 1 day, (AASHTO T 59), %	1 max.	1 max.	1 max.
Coating Test (All Grades), (AASHTO T 59), 3 minutes	stone coated thoroughly		
Distillation Test, (AASHTO T 59): Residue from distillation test to 500 °F (260 °C), % Oil distillate by volume, %	65 min. 7 max.	65 min. 7 max.	65 min. 7 max.

Characteristics of residue from distillation test to 500 °F (260 °C): Penetration at 77 °F (25 °C), (AASHTO T 49), 100 g, 5 sec, dmm	90-150	150-300	300 min.
Float Test at 140 °F (60 °C), (AASHTO T 50), sec.	1200 min.	1200 min.	1200 min.

1/ The emulsion shall be pumpable.

- (d) Penetrating Emulsified Prime. Penetrating Emulsified Prime (PEP) shall be according to AASHTO T 59, except as follows.

Test	Result
Viscosity, Saybolt Furol, at 77 °F (25 °C), SFS	75 max.
Sieve test, retained on No. 20 (850 µm) sieve, %	0.10 max.
Distillation to 500 °F (260 °C) residue, %	38 min.
Oil distillate by volume, %	4 max.

The PEP shall be tested according to the current Bureau of Materials Illinois Laboratory Test Procedure (ILTP), "Sand Penetration Test of Penetrating Emulsified Prime (PEP)". The time of penetration shall be equal to or less than that of MC-30. The depth of penetration shall be equal to or greater than that of MC-30.

- (e) Delete this subparagraph.

- (f) Polymer Modified Emulsified Asphalt. Polymer modified emulsified asphalts, e.g. SS-1hP, CSS-1hP, CRS-2P (formerly CRSP), CQS-1hP (formerly CSS-1h Latex Modified) and HFRS-2P (formerly HFP) shall be according to AASHTO M 316, except as follows.

- (1) The cement mixing test will be waived when the polymer modified emulsion is being used as a tack coat.
- (2) CQS-1hP (formerly CSS-1h Latex Modified) emulsion for micro-surfacing treatments shall use latex as the modifier.
- (3) Upon examination of the storage stability test cylinder after standing undisturbed for 24 hours, the surface shall show minimal to no white, milky colored substance and shall be a homogenous brown color throughout.
- (4) The distillation for all polymer modified emulsions shall be performed according to AASHTO T 59, except the temperature shall be  $374 \pm 9$  °F ( $190 \pm 5$  °C) to be held for a period of 15 minutes and measured using an ASTM 16F (16C) thermometer.
- (5) The specified temperature for the Elastic Recovery test for all polymer modified emulsions shall be  $50.0 \pm 1.0$  °F ( $10.0 \pm 0.5$  °C).

(6) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

(g) Non-Tracking Emulsified Asphalt. Non-tracking emulsified asphalt NTEA (formerly SS-1vh) shall be according to the following.

Test	Requirement
Saybolt Viscosity at 77 °F (25 °C), (AASHTO T 59), SFS	20-100
Storage Stability Test, 24 hr, (AASHTO T 59), %	1 max.
Residue by Distillation, 500 ± 10 °F (260 ± 5 °C), or Residue by Evaporation, 325 ± 5 °F (163 ± 3 °C), (AASHTO T 59), %	50 min.
Sieve Test, No. 20 (850 µm), (AASHTO T 59), %	0.3 max.
Tests on Residue from Evaporation	
Penetration at 77 °F (25 °C), 100 g, 5 sec, (AASHTO T 49), dmm	40 max.
Softening Point, (AASHTO T 53), °F (°C)	135 (57) min.
Ash Content, (AASHTO T 111), % <sup>1/</sup>	1 max.

1/ The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent

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

Grade	Use
SS-1, SS-1h, RS-1, RS-2, CSS-1, CRS-1, CRS-2, CSS-1h, HFE-90, SS-1hP, CSS-1hP, NTEA (formerly SS-1vh)	Tack Coat
PEP	Prime Coat
RS-2, HFE-90, HFE-150, HFE-300, CRS-2P (formerly CRSP), HFRS-2P (formerly HFP), CRS-2, HFRS-2	Bituminous Surface Treatment
CQS-1hP (formerly CSS-1h Latex Modified)	Micro-Surfacing Slurry Sealing Cape Seal <sup>®</sup>

## **EQUIPMENT PARKING AND STORAGE (BDE)**

Effective: November 1, 2017

Replace the first paragraph of Article 701.11 of the Standard Specifications with the following.

**“701.11 Equipment Parking and Storage.** During working hours, all vehicles and/or nonoperating equipment which are parked, two hours or less, shall be parked at least 8 ft (2.5 m) from the open traffic lane. For other periods of time during working and for all nonworking hours, all vehicles, materials, and equipment shall be parked or stored as follows.

- (a) When the project has adequate right-of-way, vehicles, materials, and equipment shall be located a minimum of 30 ft (9 m) from the pavement.
- (b) When adequate right-of-way does not exist, vehicles, materials, and equipment shall be located a minimum of 15 ft (4.5 m) from the edge of any pavement open to traffic.
- (c) Behind temporary concrete barrier, vehicles, materials, and equipment shall be located a minimum of 24 in. (600 mm) behind free standing barrier or a minimum of 6 in. (150 mm) behind barrier that is either pinned or restrained according to Article 704.04. The 24 in. or 6 in. measurement shall be from the base of the non-traffic side of the barrier.
- (d) Behind other man-made or natural barriers meeting the approval of the Engineer.”

80388

## **MOBILIZATION (BDE)**

Effective: April 1, 2020

Replace Articles 671.02(a), (b), and (c) of the Standard Specifications with the following:

- “(a) Upon execution of the contract, 90 percent of the pay item will be paid.
- (b) When 90 percent of the adjusted contract value is earned, the remaining ten percent of the pay item will be paid along with any amount bid in excess of six percent of the original contract amount.”

80428

## PORTLAND CEMENT CONCRETE (BDE)

Effective: November 1, 2017

Revise the Air Content % of Class PP Concrete in Table 1 Classes of Concrete and Mix Design Criteria in Article 1020.04 of the Standard Specifications to read:

TABLE 1. CLASSES OF CONCRETE AND MIX DESIGN CRITERIA		
Class of Conc.	Use	Air Content %
PP	Pavement Patching	4.0 - 8.0"
	Bridge Deck Patching (10)	
	PP-1	
	PP-2	
	PP-3	
	PP-4	
	PP-5	

Revise Note (4) at the end of Table 1 Classes of Concrete and Mix Design Criteria in Article 1020.04 of the Standard Specifications to read:

- “(4) For all classes of concrete, the maximum slump may be increased to 7 in (175 mm) when a high range water-reducing admixture is used. For Class SC, the maximum slump may be increased to 8 in. (200 mm). For Class PS, the maximum slump may be increased to 8 1/2 in. (215 mm) if the high range water-reducing admixture is the polycarboxylate type.”



## **REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)**

Effective: January 1, 2019

Revised: January 1, 2020

Revise Section 669 of the Standard Specifications to read:

### **"SECTION 669. REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES**

**669.01 Description.** This work shall consist of the transportation and proper disposal of regulated substances. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their contents and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities.

**669.02 Equipment.** The Contractor shall notify the Engineer of the delivery of all excavation, storage, and transportation equipment to a work area location. The equipment shall comply with OSHA and American Petroleum Institute (API) guidelines and shall be furnished in a clean condition. Clean condition means the equipment does not contain any residual material classified as a non-special waste, non-hazardous special waste, or hazardous waste. Residual materials include, but are not limited to, petroleum products, chemical products, sludges, or any other material present in or on equipment.

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

**669.03 Pre-Construction Submittals and Qualifications.** Prior to beginning this work, or working in areas with regulated substances, the Contractor shall submit a "Regulated Substances Pre-Construction Plan (RSPCP)" to the Engineer for review and approval using form BDE 2730. The form shall be signed by an Illinois licensed Professional Engineer or Professional Geologist.

As part of the RSPCP, the Contractor(s) or firm(s) performing the work shall meet the following qualifications.

- (a) **Regulated Substances Monitoring.** Qualification for environmental observation and field screening of regulated substances work and environmental observation of UST removal shall require either pre-qualification in Hazardous Waste by the Department or demonstration of acceptable project experience in remediation and operations for contaminated sites in accordance with applicable Federal, State, or local regulatory requirements using BDE 2730.

Qualification for each individual performing regulated substances monitoring shall require a minimum of one-year of experience in similar activities as those required for the project.

- (b) Underground Storage Tank Removal. Qualification for underground storage tank (UST) removal work shall require licensing and certification with the Office of the State Fire Marshall (OSFM) and possession of all permits required to perform the work. A copy of the permit shall be provided to the Engineer prior to tank removal.

The qualified Contractor(s) or firm(s) shall also document it does not have any current or former ties with any of the properties contained within, adjoining, or potentially affecting the work.

The Engineer will require up to 21 calendar days for review of the RSPCP. The review may involve rejection or revision and resubmittal; in which case, an additional 21 days will be required for each subsequent review. Work shall not commence until the RSPCP has been approved by the Engineer. After approval, the RSPCP shall be revised as necessary to reflect changed conditions in the field and documented using BDE 2730A "Regulated Substances Pre-Construction Plan (RSPCP) Addendum" and submitted to the Engineer for approval.

## **CONSTRUCTION REQUIREMENTS**

**669.04 Regulated Substances Monitoring.** Regulated substances monitoring includes environmental observation and field screening during regulated substances management activities at the contract specific work areas. As part of the regulated substances monitoring, the monitoring personnel shall perform and document the applicable duties listed on form BDE 2732 "Regulated Substances Monitoring Daily Record (RSM DR)".

- (a) Environmental Observation. Prior to beginning excavation, the Contractor shall mark the limits of the contract specific work areas. Once work begins, the monitoring personnel shall be present on-site continuously during the excavation and loading of material.
- (b) Field Screening. Field screening shall be performed during the excavation and loading of material from the contract specific work areas, except for material classified according to Article 669.05(b)(1) or 669.05(c) where field screening is not required.

Field screening shall be performed with either a photoionization detector (PID) (minimum 10.6eV lamp) or a flame ionization detector (FID), and other equipment as appropriate, to monitor for potential contaminants associated with regulated substances. The PID or FID shall be calibrated on-site, and background level readings taken and recorded daily, and as field and weather conditions change. Field screen readings on the PID or FID in excess of background levels indicates the potential presence of regulated substances requiring handling as a non-special waste, special waste, or hazardous waste. PID or FID readings may be used as the basis of increasing the limits of removal with the approval of the Engineer but shall in no case be used to decrease the limits.

**669.05 Regulated Substances Management and Disposal.** The management and disposal of soil and/or groundwater containing regulated substances shall be according to the following:

- (a) Soil Analytical Results Exceed Most Stringent MAC. When the soil analytical results indicate detected levels exceed the most stringent maximum allowable concentration (MAC) for chemical constituents in soil established pursuant to Subpart F of 35 Ill. Adm. Code 1100.605, the soil shall be managed as follows:
  - (1) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC, but still considered within area background levels by the Engineer, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable. If the soils cannot be utilized within the right-of-way, they shall be managed and disposed of at a landfill as a non-special waste.
  - (2) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC but do not exceed the MAC for a Metropolitan Statistical Area (MSA) County identified in 35 Ill. Admin. Code 742 Appendix A. Table G, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of at a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation (USFO) within an MSA County provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
  - (3) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, or the MAC within the Chicago corporate limits, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site at a CCDD facility or an USFO within an MSA County excluding Chicago or within the Chicago corporate limits provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
  - (4) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site at a CCDD facility or an USFO within an MSA County excluding Chicago provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
  - (5) When the Engineer determines soil cannot be managed according to Articles 669.05(a)(1) through (a)(4) above and the materials do not contain special waste or hazardous waste, as determined by the Engineer, the soil shall be managed and disposed of at a landfill as a non-special waste.
  - (6) When analytical results indicate soil is hazardous by characteristic or listing pursuant to 35 Ill. Admin. Code 721, contains radiological constituents, or the Engineer otherwise determines the soil cannot be managed according to Articles 669.05(a)(1)

through (a)(5) above, the soil shall be managed and disposed of off-site as a special waste or hazardous waste as applicable.

- (b) Soil Analytical Results Do Not Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels do not exceed the most stringent MAC, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site according to Article 202.03. However, the excavated soil cannot be taken to a CCDD facility or an USFO for any of the following reasons.

(1) The pH of the soil is less than 6.25 or greater than 9.0.

(2) The soil exhibited PID or FID readings in excess of background levels.

- (c) Soil Analytical Results Exceed Most Stringent MAC but Do Not Exceed Tiered Approach to Corrective Action Objectives (TACO) Residential. When the soil analytical results indicate that detected levels exceed the most stringent MAC but do not exceed TACO Tier 1 Soil Remediation Objectives for Residential Properties pursuant to 35 Ill. Admin. Code 742 Appendix B Table A, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site according to Article 202.03. However, the excavated soil cannot be taken to a CCDD facility or an USFO.

- (d) Groundwater. When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 Ill. Admin. Code 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste or hazardous waste as applicable. Special waste groundwater shall be containerized and trucked to an off-site treatment facility, or may be discharged to a sanitary sewer or combined sewer when permitted by the local sewer authority. Groundwater discharged to a sanitary sewer or combined sewer shall be pre-treated to remove particulates and measured with a calibrated flow meter to comply with applicable discharge limits. A copy of the permit shall be provided to the Engineer prior to discharging groundwater to the sanitary sewer or combined sewer.

Groundwater encountered within trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench, it may be discharged to a sanitary sewer or combined sewer when permitted by the local sewer authority, or it shall be containerized and trucked to an off-site treatment facility as a special waste or hazardous waste. The Contractor is prohibited from discharging groundwater within the trench through a storm sewer. The Contractor shall install backfill plugs within the area of groundwater contamination.

One backfill plug shall be placed down gradient to the area of groundwater contamination. Backfill plugs shall be installed at intervals not to exceed 50 ft (15 m). Backfill plugs are to be 4 ft (1.2 m) long, measured parallel to the trench, full trench width and depth. Backfill plugs shall not have any fine aggregate bedding or backfill, but shall be entirely cohesive

soil or any class of concrete. The Contractor shall provide test data that the material has a permeability of less than  $10^{-7}$  cm/sec according to ASTM D 5084, Method A or per another test method approved by the Engineer.

The Contractor shall use due care when transferring contaminated material from the area of origin to the transporter. Should releases of contaminated material to the environment occur (i.e., spillage onto the ground, etc.), the Contractor shall clean-up spilled material and place in the appropriate storage containers as previously specified. Clean-up shall include, but not be limited to, sampling beneath the material staging area to determine complete removal of the spilled material.

The Contractor shall provide engineered barriers, when required, and shall include materials sufficient to completely line excavation surfaces, including sloped surfaces, bottoms, and sidewall faces, within the areas designated for protection.

The Contractor shall obtain all documentation including any permits and/or licenses required to transport the material containing regulated substances to the disposal facility. The Contractor shall coordinate with the Engineer on the completion of all documentation. The Contractor shall make all arrangements for collection and analysis of landfill acceptance testing. The Contractor shall coordinate waste disposal approvals with the disposal facility.

The Contractor shall provide the Engineer with all transport-related documentation within two days of transport or receipt of said document(s). For management of special or hazardous waste, the Contractor shall provide the Engineer with documentation that the Contractor is operating with a valid Illinois special waste transporter permit at least two weeks before transporting the first load of contaminated material.

Transportation and disposal of material classified according to Article 669.05(a)(5) or 669.05(a)(6) shall be completed each day so that none of the material remains on-site by the close of business, except when temporary staging has been approved.

Any waste generated as a special or hazardous waste from a non-fixed facility shall be manifested off-site using the Department's county generator number provided by the Bureau of Design and Environment. An authorized representative of the Department shall sign all manifests for the disposal of the contaminated material and confirm the Contractor's transported volume. Any waste generated as a non-special waste may be managed off-site without a manifest, a special waste transporter, or a generator number.

The Contractor shall select a landfill permitted for disposal of the contaminant within the State of Illinois. The Department will review and approve or reject the facility proposed by the Contractor to use as a landfill. The Contractor shall verify whether the selected disposal facility is compliant with those applicable standards as mandated by their permit and whether the disposal 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 landfill shall in no manner delay the construction schedule or alter the Contractor's responsibilities as set forth.

**669.06 Non-Special Waste Certification.** An authorized representative of the Department shall sign and date all non-special waste certifications. The Contractor shall be responsible for providing the Engineer with the required information that will allow the Engineer to certify the waste is not a special waste.

(a) Definition. A waste is considered a non-special waste as long as it is not:

- (1) a potentially infectious medical waste;
  - (2) a hazardous waste as defined in 35 Ill. Admin. Code 721;
  - (3) an industrial process waste or pollution control waste that contains liquids, as determined using the paint filter test set forth in subdivision (3)(A) of subsection (m) of 35 Ill. Admin. Code 811.107;
  - (4) a regulated asbestos-containing waste material, as defined under the National Emission Standards for Hazardous Air Pollutants in 40 CFR Part 61.141;
  - (5) a material containing polychlorinated biphenyls (PCB's) regulated pursuant to 40 CFR Part 761;
  - (6) a material subject to the waste analysis and recordkeeping requirements of 35 Ill. Admin. Code 728.107 under land disposal restrictions of 35 Ill. Admin. Code 728;
  - (7) a waste material generated by processing recyclable metals by shredding and required to be managed as a special waste under Section 22.29 of the Environmental Protection Act; or
  - (8) an empty portable device or container in which a special or hazardous waste has been stored, transported, treated, disposed of, or otherwise handled.
- (b) Certification Information. All information used to determine the waste is not a special waste shall be attached to the certification. The information shall include but not be limited to:
- (1) the means by which the generator has determined the waste is not a hazardous waste;
  - (2) the means by which the generator has determined the waste is not a liquid;
  - (3) if the waste undergoes testing, the analytic results obtained from testing, signed and dated by the person responsible for completing the analysis;
  - (4) if the waste does not undergo testing, an explanation as to why no testing is needed;

(5) a description of the process generating the waste; and

(6) relevant material safety data sheets.

**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. 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.

Temporary staging shall be accomplished within the right-of-way and the Contractor's means and methods shall be described in the approved or amended RSPCP. Staging areas shall not be located within 200 feet (61 m) of a public or private water supply well; nor within 100 feet (30 m) of sensitive environmental receptor areas, including wetlands, rivers, streams, lakes, or designated habitat zones.

The method of staging shall consist of containerization or stockpiling as applicable for the type, classification, and physical state (i.e., liquid, solid, semisolid) of the material. Materials of different classifications shall be staged separately with no mixing or co-mingling.

When containers are used, the containers and their contents shall remain intact and inaccessible to unauthorized persons until the manner of disposal is determined. The Contractor shall be responsible for all activities associated with the storage containers including, but not limited to, the procurement, transport, and labeling of the containers. The Contractor shall not use a storage container if visual inspection of the container reveals the presence of free liquids or other substances that could cause the waste to be reclassified as a hazardous or special waste.

When stockpiles are used, they shall be covered with a minimum 20-mil plastic sheeting or tarps secured using weights or tie-downs. Perimeter berms or diversionary trenches shall be provided to contain and collect for disposal any water that drains from the soil. Stockpiles shall be managed to prevent or reduce potential dust generation.

When staging non-special waste, special waste, or hazardous waste, the following additional requirements shall apply:

- (a) **Non-Special Waste.** When stockpiling soil classified according to Article 669.05(a)(1) or 669.05(a)(5), an impermeable surface barrier between the materials and the ground surface shall be installed. The impermeable barrier shall consist of a minimum 20-mil plastic liner material and the surface of the stockpile area shall be clean and free of debris prior to placement of the liner. Measures shall also be taken to limit or discourage access to the staging area.
- (b) **Special Waste and Hazardous Waste.** Soil classified according to Article 669.05(a)(6) shall not be stockpiled but shall be containerized immediately upon generation in containers, tanks or containment buildings as defined by RCRA, Toxic Substances Control

Act (TSCA), and other applicable State or local regulations and requirements, including 35 Ill. Admin. Code Part 722, Standards Applicable to Generators of Hazardous Waste.

The staging area(s) shall be enclosed (by a fence or other structure) to restrict direct access to the area, and all required regulatory identification signs applicable to a staging area containing special waste or hazardous waste shall be deployed.

Storage containers shall be placed on an all-weather gravel-packed, asphalt, or concrete surface. Containers shall be in good condition and free of leaks, large dents, or severe rusting, which may compromise containment integrity. Containers must be constructed of, or lined with, materials that will not react or be otherwise incompatible with the hazardous or special waste contents. Containers used to store liquids shall not be filled more than 80 percent of the rated capacity. Incompatible wastes shall not be placed in the same container or comingled.

All containers shall be legibly labeled and marked using pre-printed labels and permanent marker in accordance with applicable regulations, clearly showing the date of waste generation, location and/or area of waste generation, and type of waste. The Contractor shall place these identifying markings on an exterior side surface of the container.

Storage containers shall be kept closed, and storage pads covered, except when access is needed by authorized personnel.

Special waste and hazardous waste shall be transported and disposed within 90 days from the date of generation.

**669.08 Underground Storage Tank Removal.** For the purposes of this section, an underground storage tank (UST) includes the underground storage tank, piping, electrical controls, pump island, vent pipes and appurtenances.

Prior to removing an UST, the Engineer shall determine whether the Department is considered an "owner" or "operator" of the UST as defined by the UST regulations (41 Ill. Adm. Code Part 176). Ownership of the UST refers to the Department's owning title to the UST during storage, use or dispensing of regulated substances. The Department may be considered an "operator" of the UST if it has control of, or has responsibility for, the daily operation of the UST. The Department may however voluntarily undertake actions to remove an UST from the ground without being deemed an "operator" of the UST.

In the event the Department is deemed not to be the "owner" or "operator" of the UST, the OSFM removal permit shall reflect who was the past "owner" or "operator" of the UST. If the "owner" or "operator" cannot be determined from past UST registration documents from OSFM, then the OSFM removal permit will state the "owner" or "operator" of the UST is the Department. The Department's Office of Chief Counsel (OCC) will review all UST removal permits prior to submitting any removal permit to the OSFM. If the Department is not the "owner" or "operator" of the UST then it will not register the UST or pay any registration fee.



The Contractor shall be responsible for obtaining permits required for removing the UST, notification to the OSFM, using an OSFM certified tank contractor, removal and disposal of the UST and its contents, and preparation and submittal of the OSFM Site Assessment Report in accordance with 41 Ill. Admin. Code Part 176.330.

The Contractor shall contact the Engineer and the OSFM's office at least 72 hours prior to removal to confirm the OSFM inspector's presence during the UST removal. Removal, transport, and disposal of the UST shall be according to the applicable portions of the latest revision of the "American Petroleum Institute (API) Recommended Practice 1604".

The Contractor shall collect and analyze tank content (sludge) for disposal purposes. The Contractor shall remove as much of the regulated substance from the UST system as necessary to prevent further release into the environment. All contents within the tank shall be removed, transported and disposed of, or recycled. The tank shall be removed and rendered empty according to IEPA definition.

The Contractor shall collect soil samples from the bottom and sidewalls of the excavated area in accordance with 35 Ill. Admin. Code Part 734.210(h) after the required backfill has been removed during the initial response action, to determine the level of contamination remaining in the ground, regardless if a release is confirmed or not by the OSFM on-site inspector.

In the event the UST is designated a leaking underground storage tank (LUST) by the OSFM's inspector, or confirmation by analytical results, the Contractor shall notify the Engineer and the District Environmental Studies Unit (DESU). Upon confirmation of a release of contaminants and notifications to the Engineer and DESU, the Contractor shall report the release to the Illinois Emergency Management Agency (IEMA) (e.g., by telephone or electronic mail) and provide them with whatever information is available ("owner" or "operator" shall be stated as the past registered "owner" or "operator", or the IDOT District in which the tank is located and the DESU Manager).

The Contractor shall perform the following initial response actions if a release is indicated by the OSFM inspector:

- (a) Take immediate action to prevent any further release of the regulated substance to the environment, which may include removing, at the Engineer's discretion, and disposing of up to 4 ft (1.2 m) of the contaminated material, as measured from the outside dimension of the tank;
- (b) Identify and mitigate fire, explosion and vapor hazards;
- (c) Visually inspect any above ground releases or exposed below ground releases and prevent further migration of the released substance into surrounding soils and groundwater; and
- (d) Continue to monitor and mitigate any additional fire and safety hazards posed by vapors and free product that have migrated from the tank excavation zone and entered into subsurface structures (such as sewers or basements).

The tank excavation shall be backfilled according to applicable portions of Sections 205, 208, and 550 with a material that will compact and develop stability. All uncontaminated concrete and soil removed during tank extraction may be used to backfill the excavation, at the discretion of the Engineer.

After backfilling the excavation, the site shall be graded and cleaned.

**669.09 Regulated Substances Final Construction Report.** Not later than 90 days after completing this work, the Contractor shall submit a "Regulated Substances Final Construction Report (RSFCR)" to the Engineer using form BDE 2733 and required attachments. The form shall be signed by an Illinois licensed Professional Engineer or Professional Geologist.

**669.10 Method of Measurement.** Non-special waste, special waste, and hazardous waste soil will be measured for payment according to Article 202.07(b) when performing earth excavation, Article 502.12(b) when excavating for structures, or by computing the volume of the trench using the maximum trench width permitted and the actual depth of the trench.

Groundwater containerized and transported off-site for management, storage, and disposal will be measured for payment in gallons (liters).

Backfill plugs will be measured in cubic yards (cubic meters) in place, except the quantity for which payment will be made shall not exceed the volume of the trench, as computed by using the maximum width of trench permitted by the Specifications and the actual depth of the trench, with a deduction for the volume of the pipe.

Engineered Barriers will be measured for payment in square yards (square meters).

**669.11 Basis of Payment.** The work of preparing, submitting and administering a Regulated Substances Pre-Construction Plan will be paid for at the contract lump sum price for REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN.

Regulated substances monitoring, including completion of form BDE 2732 for each day of work, will be paid for at the contract unit price per calendar day, or fraction thereof to the nearest 0.5 calendar day, for REGULATED SUBSTANCES MONITORING.

The installation of engineered barriers will be paid for at the contract unit price per square yard (square meter) for ENGINEERED BARRIER.

The work of UST removal, soil excavation, soil and content sampling, the management of excavated soil and UST content, and UST disposal, will be paid for at the contract unit price per each for UNDERGROUND STORAGE TANK REMOVAL.

The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for

**NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL.**

The transportation and disposal of groundwater from an excavation determined to be contaminated will be paid for at the contract unit price per gallon (liter) for SPECIAL WASTE GROUNDWATER DISPOSAL or HAZARDOUS WASTE GROUNDWATER DISPOSAL. When groundwater is discharged to a sanitary or combined sewer by permit, the cost will be paid for according to Article 109.05.

Backfill plugs will be paid for at the contract unit price per cubic yard (cubic meter) for BACKFILL PLUGS.

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) will be paid for according to Article 109.04. The Department will not be responsible for any additional costs incurred, if mismanagement of the staging area, storage containers, or their contents by the Contractor results in excess cost expenditure for disposal or other material management requirements.

Payment for accumulated stormwater removal and disposal will be according to Article 109.04. Payment will only be allowed if appropriate stormwater and erosion control methods were used.

Payment for decontamination, labor, material, and equipment for monitoring areas beyond the specified areas, with the Engineer's prior written approval, will be according to Article 109.04.

When the waste material for disposal requires sampling for landfill disposal acceptance, the samples shall be analyzed for TCLP VOCs, SVOCs, RCRA metals, pH, ignitability, and paint filter test. The analysis will be paid for at the contract unit price per each for SOIL DISPOSAL ANALYSIS using EPA Methods 1311 (extraction), 8260B for VOCs, 8270C for SVOCs, 6010B and 7470A for RCRA metals, 9045C for pH, 1030 for ignitability, and 9095A for paint filter.

The work of preparing, submitting and administering a Regulated Substances Final Construction Report will be paid for at the contract lump sum price REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT."

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

Effective: November 2, 2017

Revised: April 1, 2019

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

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

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

## **TRAFFIC CONTROL DEVICES - CONES (BDE)**

Effective: January 1, 2019

Revise Article 701.15(a) of the Standard Specifications to read:

- “(a) Cones. Cones are used to channelize traffic. Cones used to channelize traffic at night shall be reflectorized; however, cones shall not be used in nighttime lane closure tapers or nighttime lane shifts.”

Revise Article 1106.02(b) of the Standard Specifications to read:

- “(b) Cones. Cones shall be predominantly orange. Cones used at night that are 28 to 36 in. (700 to 900 mm) in height shall have two white circumferential stripes. If non-reflective spaces are left between the stripes, the spaces shall be no more than 2 in. (50mm) in width. Cones used at night that are taller than 36 in. (900 mm) shall have a minimum of two white and two fluorescent orange alternating, circumferential stripes with the top stripe being fluorescent orange. If non-reflective spaces are left between the stripes, the spaces shall be no more than 3 in. (75 mm) in width.

The minimum weights for the various cone heights shall be 4 lb for 18 in. (2 kg for 450 mm), 7 lb for 28 in. (3 kg for 700 mm), and 10 lb for 36 in. (5 kg for 900 mm) with a minimum of 60 percent of the total weight in the base. Cones taller than 36 in. shall be weighted per the manufacturer's specifications such that they are not moved by wind or passing traffic.”

## **WARM MIX ASPHALT (BDE)**

Effective: January 1, 2012

Revised: April 1, 2016

**Description.** This work shall consist of designing, producing and constructing Warm Mix Asphalt (WMA) in lieu of Hot Mix Asphalt (HMA) at the Contractor's option. Work shall be according to Sections 406, 407, 408, 1030, and 1102 of the Standard Specifications, except as modified herein. In addition, any references to HMA in the Standard Specifications, or the special provisions shall be construed to include WMA.

WMA is an asphalt mixture which can be produced at temperatures lower than allowed for HMA utilizing approved WMA technologies. WMA technologies are defined as the use of additives or processes which allow a reduction in the temperatures at which HMA mixes are produced and placed. WMA is produced by the use of additives, a water foaming process, or combination of both. Additives include minerals, chemicals or organics incorporated into the asphalt binder stream in a dedicated delivery system. The process of foaming injects water into the asphalt binder stream, just prior to incorporation of the asphalt binder with the aggregate.

Approved WMA technologies may also be used in HMA provided all the requirements specified herein, with the exception of temperature, are met. However, asphalt mixtures produced at temperatures in excess of 275 °F (135 °C) will not be considered WMA when determining the grade reduction of the virgin asphalt binder grade.

### **Equipment.**

Revise the first paragraph of Article 1102.01 of the Standard Specifications to read:

**"1102.01 Hot-Mix Asphalt Plant.** The hot-mix asphalt (HMA) plant shall be the batch-type, continuous-type, or dryer drum plant. The plants shall be evaluated for prequalification rating and approval to produce HMA according to the current Bureau of Materials and Physical Research Policy Memorandum, "Approval of Hot-Mix Asphalt Plants and Equipment". Once approved, the Contractor shall notify the Bureau of Materials and Physical Research to obtain approval of all plant modifications. The plants shall not be used to produce mixtures concurrently for more than one project or for private work unless permission is granted in writing by the Engineer. The plant units shall be so designed, coordinated and operated that they will function properly and produce HMA having uniform temperatures and compositions within the tolerances specified. The plant units shall meet the following requirements."

Add the following to Article 1102.01(a) of the Standard Specifications.

**"(11) Equipment for Warm Mix Technologies.**

- a. **Foaming.** Metering equipment for foamed asphalt shall have an accuracy of  $\pm 2$  percent of the actual water metered. The foaming control system shall be electronically interfaced with the asphalt binder meter.

- b. Additives. Additives shall be introduced into the plant according to the supplier's recommendations and shall be approved by the Engineer. The system for introducing the WMA additive shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes."

#### Mix Design Verification.

Add the following to Article 1030.04 of the Standard Specifications.

##### **"(e) Warm Mix Technologies.**

- (1) Foaming. WMA mix design verification will not be required when foaming technology is used alone (without WMA additives). However, the foaming technology shall only be used on HMA designs previously approved by the Department.
- (2) Additives. WMA mix designs utilizing additives shall be submitted to the Engineer for mix design verification."

#### Construction Requirements.

Revise the second paragraph of Article 406.06(b)(1) of the Standard Specifications to read:

"The HMA shall be delivered at a temperature of 250 to 350 °F (120 to 175 °C).  
WMA shall be delivered at a minimum temperature of 215 °F (102 °C)."

#### Basis of Payment.

This work will be paid at the contract unit price bid for the HMA pay items involved. Anti-strip will not be paid for separately, but shall be considered as included in the cost of the work.

## WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports ..... 1106.02”

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

<b>HOT-MIX ASPHALT MIXTURE REQUIREMENTS</b>	
<b>MIXTURE TYPE</b>	<b>AIR VOIDS @ Ndes</b>
<b>PAVEMENT RESURFACING</b>	
HMA SURFACE COURSE, MIX D, N70 (IL 9.5 mm)	4% @ 70 Gyrations
HMA SURFACE COURSE, MIX D, N50 (IL 9.5 mm)	4% @ 50 Gyrations
HMA BINDER COURSE, IL-19.0, N50	4% @ 50 Gyrations
LEVELING BINDER (MACHINE METHOD), N50	4% @ 50 Gyrations
<b>DRIVEWAYS</b>	
HMA SURFACE COURSE, MIX D, N 50 (IL 9.5 mm) 3"	4% @ 50 Gyrations
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 Gyrations

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE " PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.  
FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

# DuPage County Prevailing Wage Rates posted on 3/3/2020

Trade Title	Rg	Type	C	Base	Foreman	Overtime				H/W	Pension	Vac	Trng	Other Ins
						M-F	Sa	Su	Hol					
ASBESTOS ABT-GEN	AII	ALL		43.72	44.72	1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
ASBESTOS ABT-MEC	AII	BLD		37.88	40.38	1.5	1.5	2.0	2.0	13.42	12.20	0.00	0.72	
BOILERMAKER	AII	BLD		50.51	55.05	2.0	2.0	2.0	2.0	6.97	14.65	0.00	1.10	
BRICK MASON	AII	BLD		46.88	51.57	1.5	1.5	2.0	2.0	10.85	19.31	0.00	0.95	
CARPENTER	AII	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
CEMENT MASON	AII	ALL		46.25	48.25	2.0	1.5	2.0	2.0	14.50	19.04	0.00	1.25	
CERAMIC TILE FINISHER	AII	BLD		40.56	40.56	1.5	1.5	2.0	2.0	11.00	12.80	0.00	0.86	
COMMUNICATION TECHNICIAN	AII	BLD		34.25	37.05	1.5	1.5	2.0	2.0	12.35	21.78	2.21	0.68	
ELECTRIC PWR EQMT OP	AII	ALL		43.71	59.52	1.5	1.5	2.0	2.0	6.00	13.55	0.00	0.77	1.31
ELECTRIC PWR EQMT OP	AII	HWY		41.45	56.38	1.5	1.5	2.0	2.0	5.50	12.87	0.00	0.73	
ELECTRIC PWR GRNDMAN	AII	ALL		33.69	59.52	1.5	1.5	2.0	2.0	6.00	10.44	0.00	0.59	1.01
ELECTRIC PWR GRNDMAN	AII	HWY		32.00	56.38	1.5	1.5	2.0	2.0	5.50	9.92	0.00	0.66	
ELECTRIC PWR LINEMAN	AII	ALL		52.44	59.52	1.5	1.5	2.0	2.0	6.00	16.27	0.00	0.93	1.58
ELECTRIC PWR LINEMAN	AII	HWY		49.67	56.38	1.5	1.5	2.0	2.0	5.50	15.40	0.00	0.88	
ELECTRIC PWR TRK DRV	AII	ALL		34.90	59.52	1.5	1.5	2.0	2.0	6.00	10.83	0.00	0.62	1.05
ELECTRIC PWR TRK DRV	AII	HWY		33.14	56.38	1.5	1.5	2.0	2.0	5.50	10.29	0.00	0.59	
ELECTRICIAN	AII	BLD		41.00	45.00	1.5	1.5	2.0	2.0	12.35	24.58	5.72	0.75	
ELEVATOR CONSTRUCTOR	AII	BLD		56.61	63.69	2.0	2.0	2.0	2.0	15.58	17.51	4.53	0.62	
FENCE ERECTOR	NE	ALL		42.88	44.88	1.5	1.5	2.0	2.0	13.64	14.89	0.00	0.65	
FENCE ERECTOR	W	ALL		47.00	50.76	2.0	2.0	2.0	2.0	12.26	23.65	0.00	0.88	
GLAZIER	AII	BLD		44.85	46.35	1.5	2.0	2.0	2.0	14.49	22.29	0.00	0.94	
HEAT/FROST INSULATOR	AII	BLD		50.50	53.00	1.5	1.5	2.0	2.0	13.42	13.66	0.00	0.72	
IRON WORKER	E	ALL		47.00	50.76	2.0	2.0	2.0	2.0	12.26	23.65	0.00	0.88	
IRON WORKER	W	ALL		47.00	50.76	2.0	2.0	2.0	2.0	12.26	23.65	0.00	0.88	
LABORER	AII	ALL		43.72	44.47	1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
LATHER	AII	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
MACHINIST	AII	BLD		48.93	51.43	1.5	1.5	2.0	2.0	7.68	8.95	1.85	1.32	
MARBLE FINISHER	AII	ALL		35.15	48.33	1.5	1.5	2.0	2.0	10.85	17.66	0.00	0.52	
MARBLE MASON	AII	BLD		46.03	50.63	1.5	1.5	2.0	2.0	10.85	18.78	0.00	0.64	
MATERIAL TESTER I	AII	ALL		33.72		1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
MATERIALS TESTER II	AII	ALL		38.72		1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	

MILLWRIGHT	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
OPERATING ENGINEER	All	BLD	1	51.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	2	49.80	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	3	47.25	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	4	45.50	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	5	54.85	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	6	52.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	7	54.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	FLT		38.00	38.00	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	HWY	1	49.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	2	48.75	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	3	46.70	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	4	45.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	5	44.10	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	6	52.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	7	50.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
ORNAMENTAL IRON WORKER	E	ALL		50.05	52.55	2.0	2.0	2.0	2.0	14.14	21.13	0.00	1.25	
ORNAMENTAL IRON WORKER	W	ALL		45.06	48.66	2.0	2.0	2.0	2.0	10.52	20.76	0.00	0.70	
PAINTER	All	ALL		47.30	49.30	1.5	1.5	1.5	2.0	12.43	8.65	0.00	1.45	
PAINTER - SIGNS	All	BLD		39.84	44.74	1.5	1.5	2.0	2.0	2.73	3.39	0.00	0.00	
PILEDRIIVER	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
PIPEFITTER	All	BLD		49.60	52.60	1.5	1.5	2.0	2.0	10.75	19.85	0.00	2.67	
PLASTERER	All	BLD		46.75	49.56	1.5	1.5	2.0	2.0	10.85	19.01	0.00	0.95	
PLUMBER	All	BLD		51.00	54.05	1.5	1.5	2.0	2.0	15.37	14.75	0.00	1.35	
ROOFER	All	BLD		44.60	48.60	1.5	1.5	2.0	2.0	10.58	13.31	0.00	0.70	
SHEETMETAL WORKER	All	BLD		49.07	51.52	1.5	1.5	2.0	2.0	10.85	17.51	0.00	0.96	2.32
SPRINKLER FITTER	All	BLD		50.15	52.65	1.5	1.5	2.0	2.0	13.50	16.60	0.00	0.65	
STEEL ERECTOR	E	ALL		47.00	50.76	2.0	2.0	2.0	2.0	12.26	23.65	0.00	0.88	
STEEL ERECTOR	W	ALL		45.06	48.66	2.0	2.0	2.0	2.0	10.52	20.76	0.00	0.70	
STONE MASON	All	BLD		46.88	51.57	1.5	1.5	2.0	2.0	10.85	19.31	0.00	0.95	
TERRAZZO FINISHER	All	BLD		42.54	42.54	1.5	1.5	2.0	2.0	11.00	14.64	0.00	0.88	
TERRAZZO MASON	All	BLD		46.38	49.88	1.5	1.5	2.0	2.0	11.00	16.09	0.00	0.93	
TILE MASON	All	BLD		47.50	51.50	1.5	1.5	2.0	2.0	11.00	16.06	0.00	0.93	
TRAFFIC SAFETY WORKER	All	HWY		37.75	39.35	1.5	1.5	2.0	2.0	9.30	9.87	0.00	0.30	
TRUCK DRIVER	All	ALL	1	37.61	38.16	1.5	1.5	2.0	2.0	9.08	11.36	0.00	0.15	
TRUCK DRIVER	All	ALL	2	37.76	38.16	1.5	1.5	2.0	2.0	9.08	11.36	0.00	0.15	

TRUCK DRIVER	All	ALL	3	37.96	38.16	1.5	1.5	2.0	2.0	9.08	11.36	0.00	0.15
TRUCK DRIVER	All	ALL	4	38.16	38.16	1.5	1.5	2.0	2.0	9.08	11.36	0.00	0.15
TUCK POINTER	All	BLD		46.50	47.50	1.5	1.5	2.0	2.0	8.34	18.40	0.00	0.93

### **Legend**

**Rg** Region

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

**C** Class

**Base** Base Wage Rate

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

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

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

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

**H/W** Health/Welfare benefit

**Vac** Vacation

**Trng** Training

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

Explanations DUPAGE COUNTY

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

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

### **EXPLANATION OF CLASSES**

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

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

### **TRAFFIC SAFETY**

Effective November 30, 2018, the description of the traffic safety worker trade in this County is as follows: Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary, non-temporary or permanent lane, pavement or roadway markings, and the installation and removal of temporary road signs.

### **CERAMIC TILE FINISHER**

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed

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

#### COMMUNICATIONS TECHNICIAN

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

#### MARBLE FINISHER

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

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

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

#### OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators,

outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

#### OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-

Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

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

#### OPERATING ENGINEER - FLOATING

Diver. Diver Wet Tender, Diver Tender, ROV Pilot, ROV Tender

#### TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

#### TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by



hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

#### Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

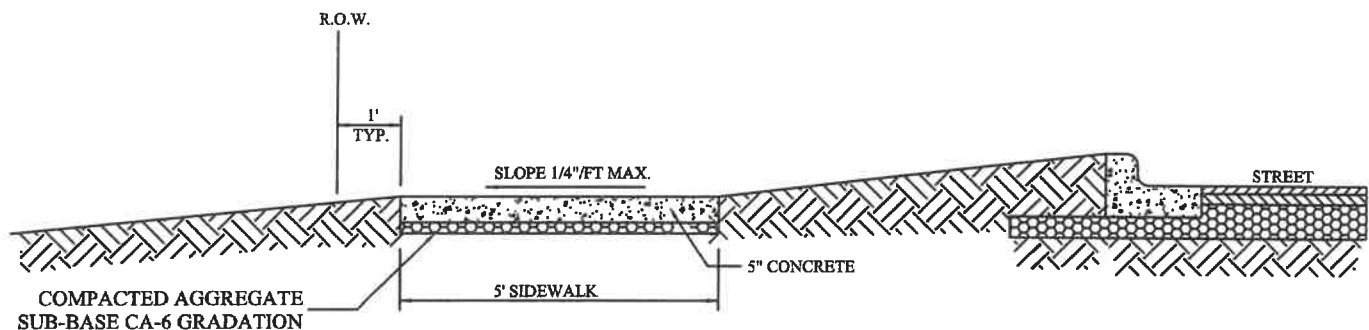
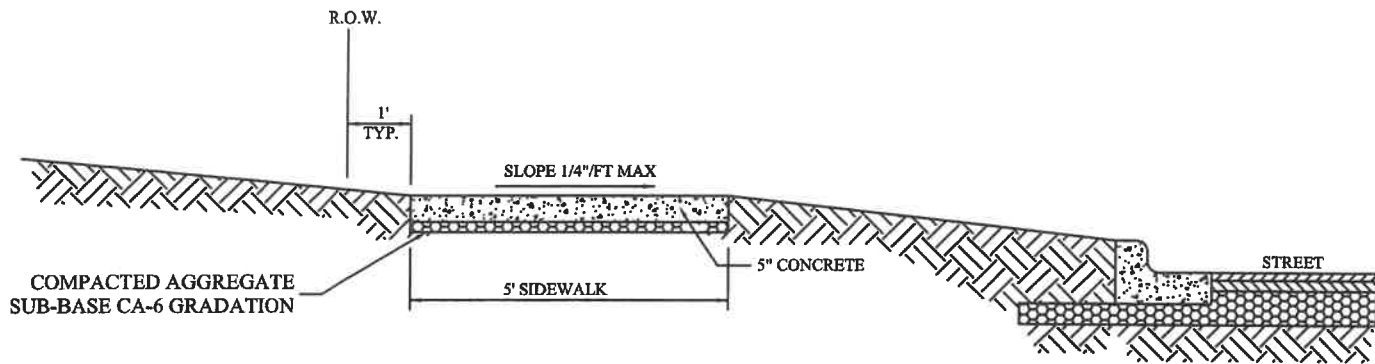
#### LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

#### MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

# **VILLAGE OF LOMBARD STANDARD DETAILS**



### GENERAL NOTES:

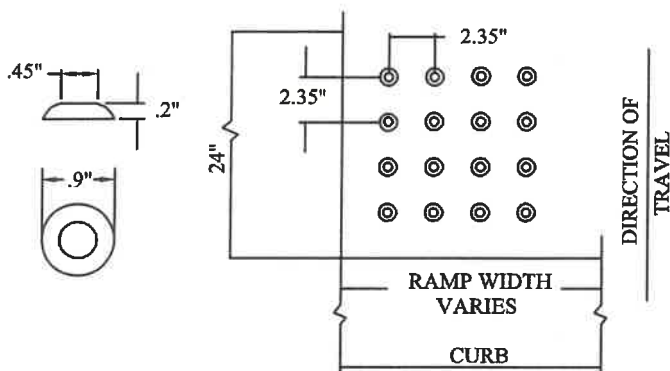
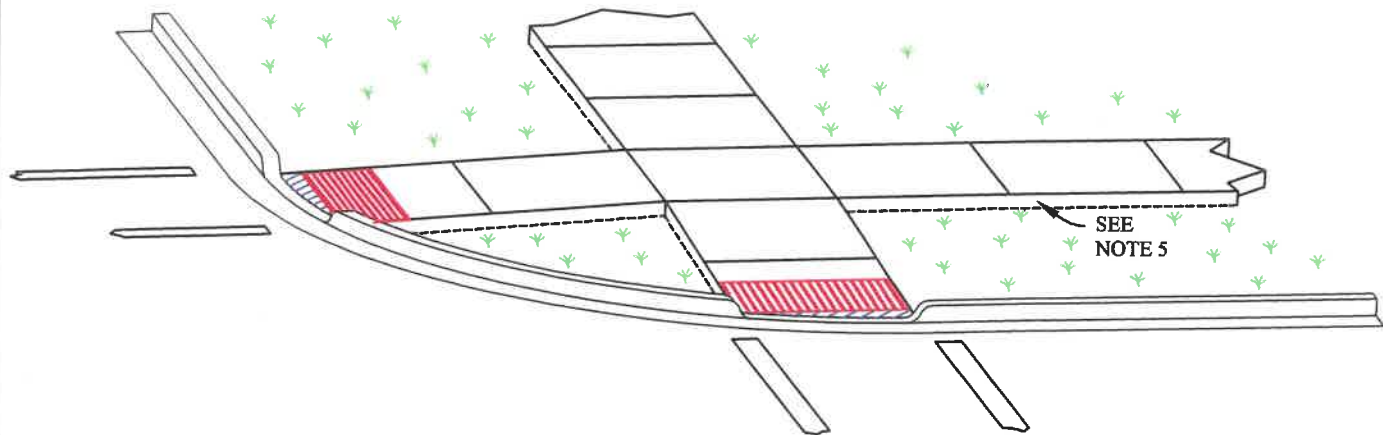
1. CONCRETE SHALL BE CLASS SI
2. MINIMUM SIDEWALK THICKNESS SHALL BE FIVE INCHES (5").
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE SIX INCHES (6") MINIMUM FOR RESIDENTIAL DRIVEWAYS, AND EIGHT INCHES (8") MINIMUM FOR NON-RESIDENTIAL DRIVEWAYS
4. MAXIMUM LONGITUDINAL SLOPE SHALL NOT EXCEED 6% (16:1)
5. MAXIMUM TRANSVERSE SLOPE SHALL NOT EXCEED 2% ( $\frac{1}{4}$ " / FT.)
6. A TWO INCH (2") MINIMUM AGGREGATE SUB-BASE (CA-6 GRADATION) SHALL BE PROVIDED
7. AGGREGATE SUB-BASE COURSE SHALL BE MECHANICALLY COMPACTED.
8. ALL SIDEWALK SHALL BE PROMPTLY BACKFILLED AND PROTECTED FROM DAMAGE.

REV.:	DRG	REV.:	02-05-15
REV.:	ERH	REV.:	03-26-99
DRAWN BY:	VJGL	DATE:	02-16-98
H:\HOME\LAOANG\DRAWINGS\DETAILS\CH400\PAVE-2.DWG			

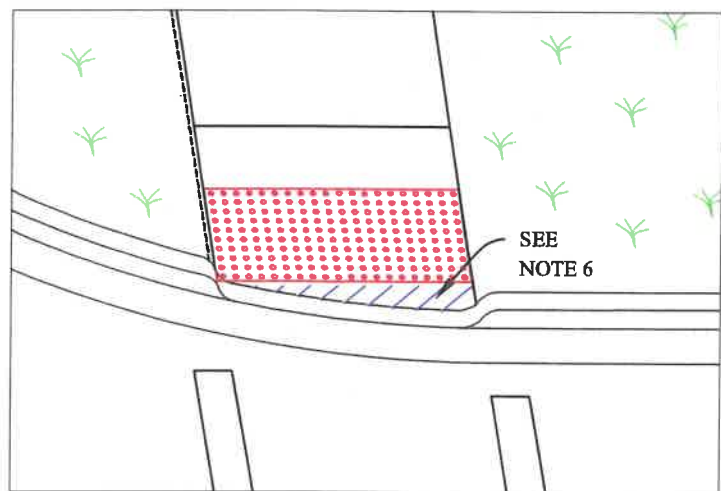
## SIDEWALK

VILLAGE OF LOMBARD

PAVEMENT 2



**TRUNCATED DOME DETAIL  
FOR PUBLIC RIGHT-OF-WAY**



### GENERAL NOTES:

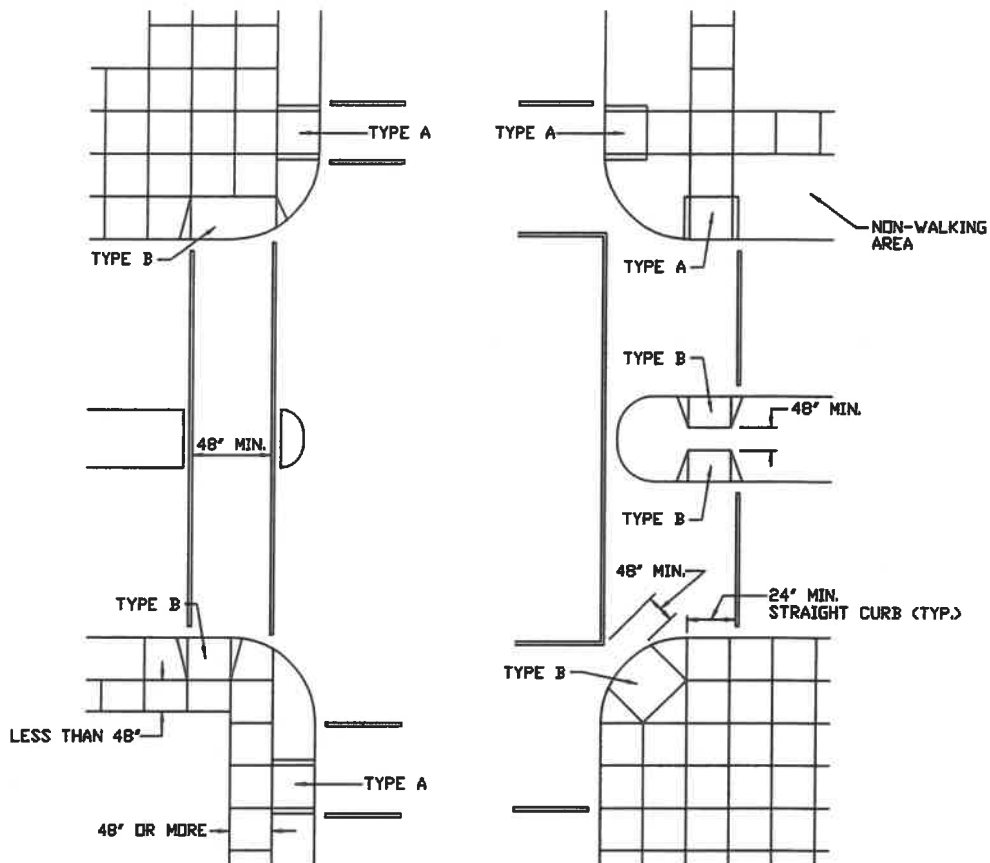
1. RAMPS SHALL BE LOCATED AS SHOWN ON THE PLANS IN ALIGNMENT WITH NORMAL SIDEWALK AND/OR CROSSWALK AND SHALL HAVE SUFFICIENT CURB LENGTH AT CORNER RADIUS TO PREVENT VEHICULAR ENCROACHMENT.
2. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
3. THE MAXIMUM SLOPE OF THE SIDE FLARE FOR TYPE B RAMPS SHALL BE 1:10. HOWEVER, IF THE WIDTH OF THE LANDING AREA BETWEEN THE TOP OF THE RAMP AND AN OBSTRUCTION IS LESS THAN 48 INCHES, THE MAXIMUM SLOPE SHALL BE 1:12.
4. RAMPS SHALL BE CONSTRUCTED OF P.C. CONCRETE IN ACCORDANCE WITH THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". DETECTABLE WARNING SURFACE SHALL BE A 2 FOOT BY 5 FOOT SECTION CONSISTING OF TRUNCATED DOMES ALIGNED IN A SQUARE (PARALLEL ALIGNMENT) PATTERN. DETECTABLE WARNINGS SHALL BE SET BACK A MINIMUM OF 6 INCHES FROM THE FRONT OF CURB. THE TYPE OF DETECTABLE WARNING PRODUCT SHALL BE SPECIFIED IN THE CONTRACT DOCUMENTS.
5. THICKNESS OF RAMPS WILL BE THE SAME AS THE ADJACENT SIDEWALK WITH A MINIMUM OF 5 INCHES. THICKNESS OF SIDEWALKS THROUGH RESIDENTIAL DRIVEWAYS SHALL BE A MINIMUM OF 6 INCHES. COMMERCIAL DRIVEWAYS SHALL BE A MINIMUM OF 8 INCHES.
6. UNLESS CURB RAMP IS ALIGNED PERPENDICULAR TO THE STREET RADIUS, AN AREA OF SPECIAL SHAPING MUST BE PROVIDED AT THE BOTTOM OF THE RAMP. THIS AREA SHALL ALLOW THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO BE PERPENDICULAR TO THE RAMP AND SHALL PROVIDE A SMOOTH TRANSITION TO THE GUTTER LINE FOR WHEELCHAIR ACCESS. NO CURB LIP ALLOWED IN THIS AREA. MAXIMUM CROSS SLOPE SHALL BE 2%.

REV.: AKL	REV.: 02-28-12
REV.: ERB	REV.: 04-28-05
DRAWN BY: VJGL	DATE: 02-16-98
H:\HOME\LAOANG\DRAWINGS\DETAILS\CH400\PAVE-3A.DWG	

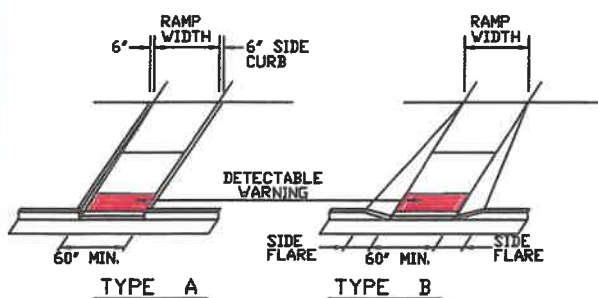
## HANDICAPPED SIDEWALK RAMP

VILLAGE OF LOMBARD

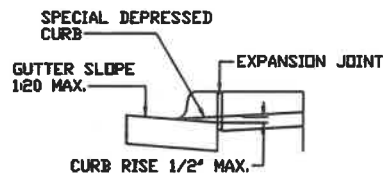
PAVEMENT 3A



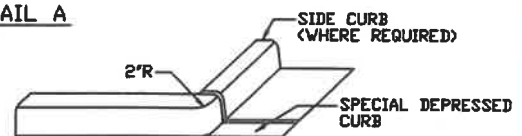
RECOMMENDED LOCATION OF RAMPS



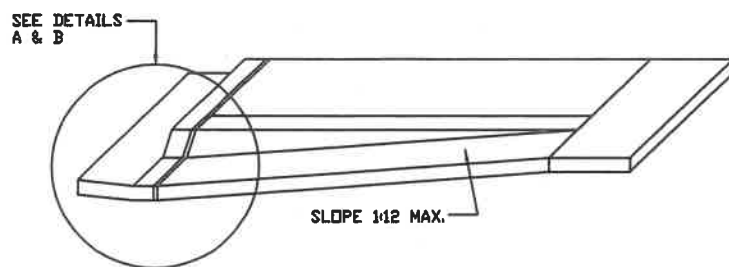
DETAILS OF RAMPS



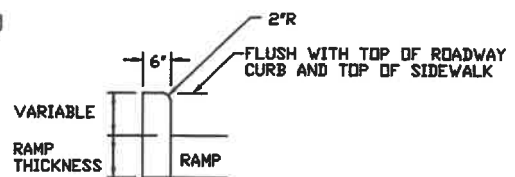
DETAIL A



DETAIL B



RAMP PROFILE



DETAIL OF SIDE CURB

(Side curb may be constructed monolithically with ramp.)

REV. 1 KDH	REV. 2-28-2012
REV. 1 ERB	REV. 1-10-05
DRAWN BY: VJGL	DATE: 2-16-98
H:\HOME\ADANG\DRAWINGS\DETAILS\CH400\PAVE-3B.DWG	

## HANDICAPPED SIDEWALK RAMP (CONTINUED)

VILLAGE OF LOMBARD  
PAVEMENT 3B

WHEN SIDEWALK IS PLACED UP TO  
FACE OF BUILDING, PROVIDE 1/2"  
PREMOULDED EXPANSION JOINT  
MATERIAL BETWEEN WALK AND BUILDING



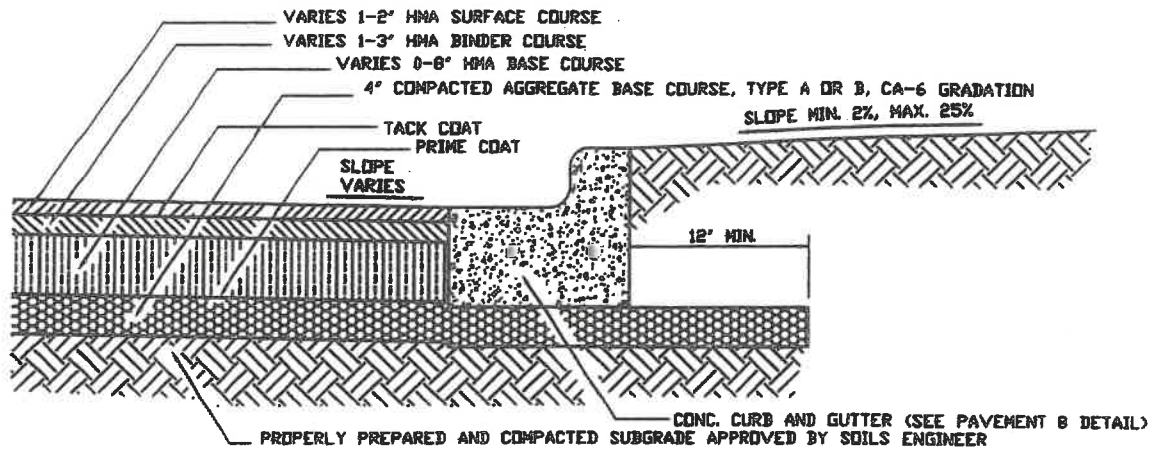
STANDARD WALK 5' THICK UNLESS OTHERWISE NOTED

## SIDEWALK CONSTRUCTION

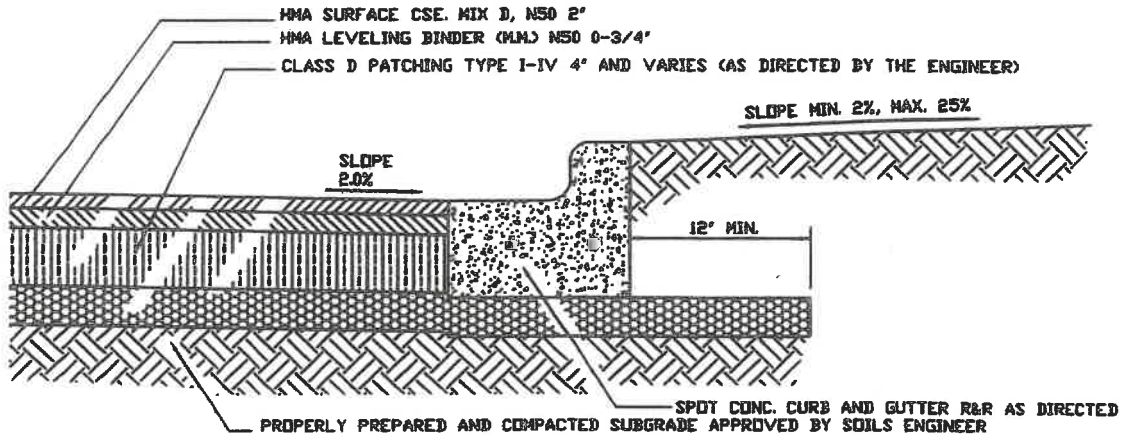
PAVEMENT 4



## EXISTING X-SECTION



## PROPOSED X-SECTION 2.5" GRIND/OVERLAY



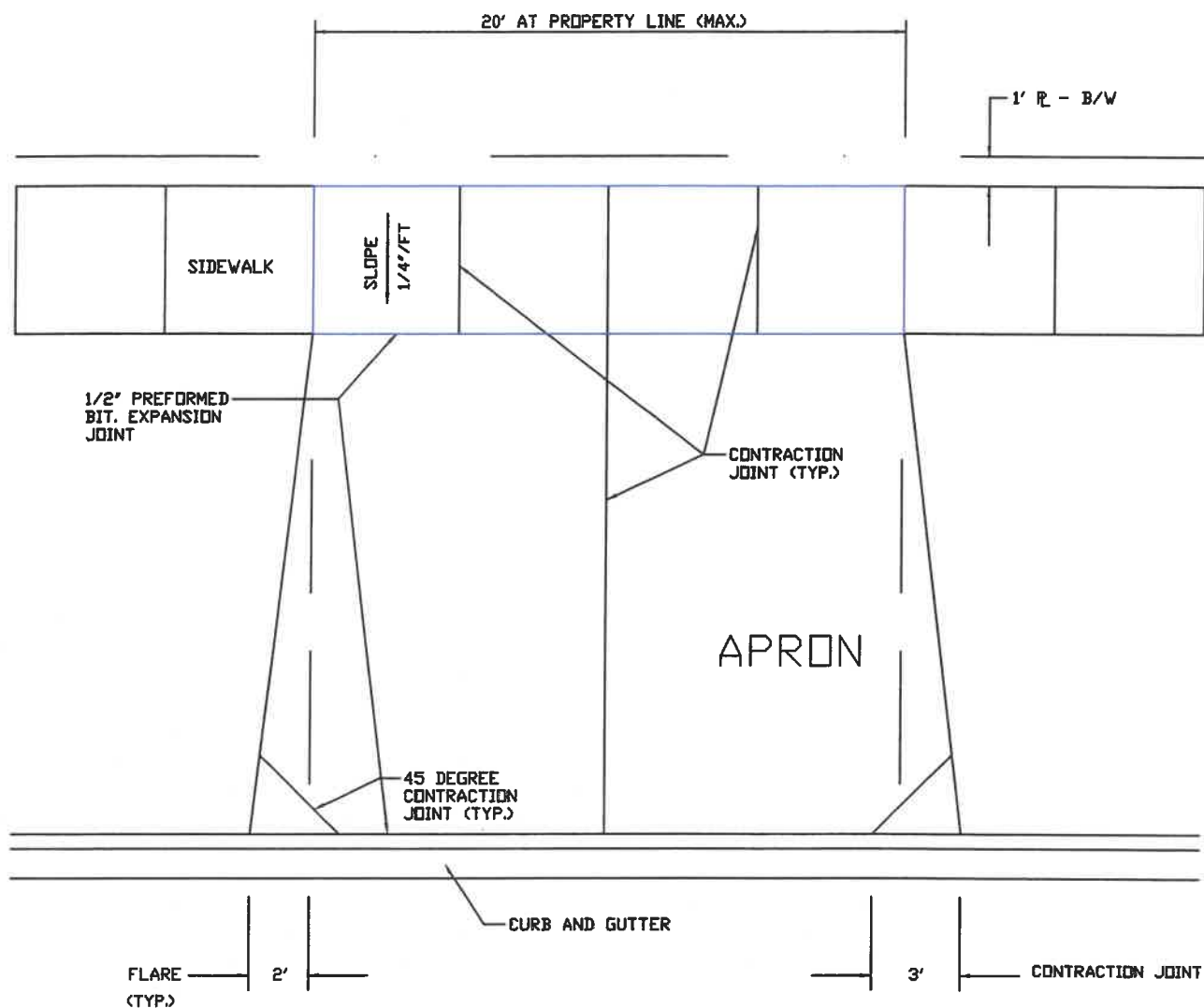
### GENERAL NOTES:

REV.:	RAH	REV.:	3-23-16
REV.:	ERH	REV.:	8-15-01
DRAWN BY:	VJGL	DATE:	2-16-98
H:\HOME\ADANG\DRAWINGS\DETAILS\CH400\PAVE-5.DWG			

## TYPICAL PAVEMENT CROSS-SECTION

VILLAGE OF LOMBARD

PAVEMENT 5



### GENERAL NOTES:

1. APRONS SHALL NOT EXCEED 20 FEET IN WIDTH MEASURED AT THE RIGHT-OF-WAY LINE.
2. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
3. MINIMUM THICKNESS FOR APRONS: 6" P.C. CONCRETE ON 2" COMPACTED AGGREGATE SUB-BASE (CA-6 GRADATION), OR 3" BITUMINOUS SURFACE ON 6" COMPACTED AGGREGATE SUB-BASE (CA-6 GRADATION).
4. SIDEWALK SHALL EXTEND THROUGH THE DRIVEWAY.
5. DRIVEWAYS SHALL HAVE A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 8%.
6. DRIVEWAY APRONS SHALL HAVE A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 8%.
7. PATCHES ARE NOT ALLOWED IN NEW APRONS.

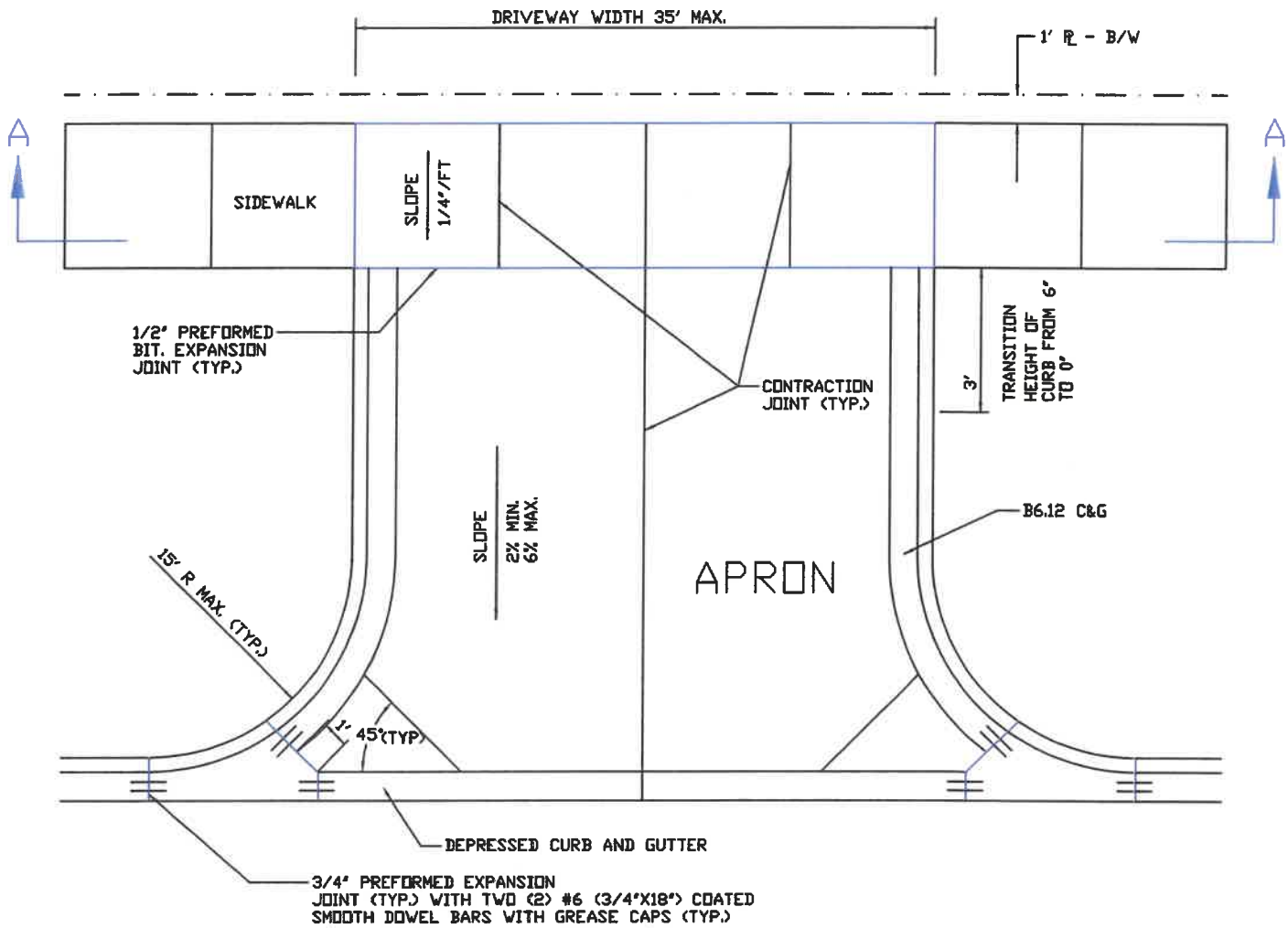
REV.:	TMT (TEG)	REV.:	01-15-20
REV.:	ERH	REV.:	11-26-13
DRAWN BY:	VJGL	DATE:	2-16-98

## RESIDENTIAL DRIVEWAY APRON

VILLAGE OF LOMBARD

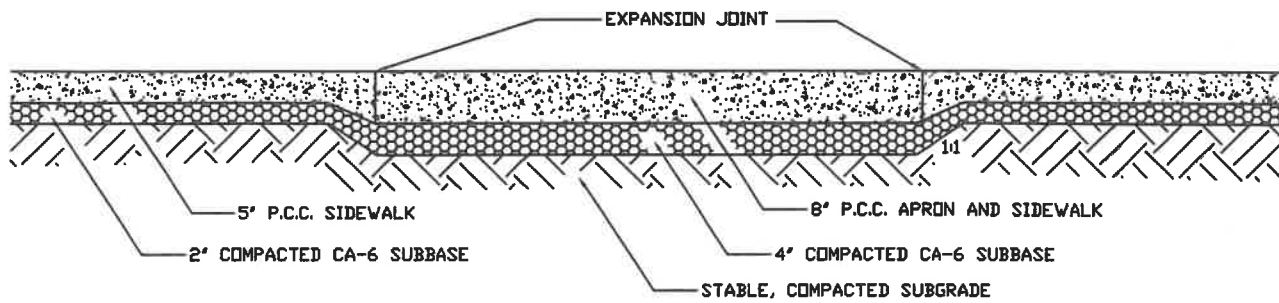
PAVEMENT 6





NOTE:  
ALL AGGREGATE SUBGRADE SHALL  
BE MECHANICALLY COMPACTED.

## PLAN



## SECTION A-A

REV. 1 TMT (TEG)	REV. 01-15-20
REV. 1 DRG	REV. 10-07-15
DRAWN BY: VJGL	DATE: 2-16-98
H:\HOME\ADANG\DRAWINGS\DETAILS\CH400\PAVE-7.DWG	

COMMERCIAL  
DRIVEWAY APRON

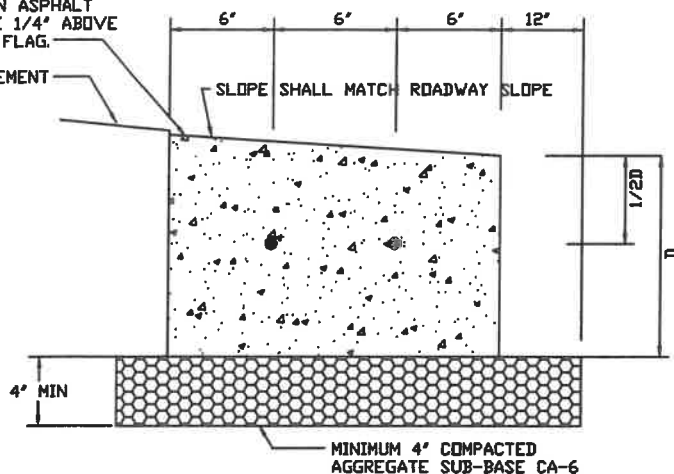
VILLAGE OF LOMBARD

PAVEMENT 7

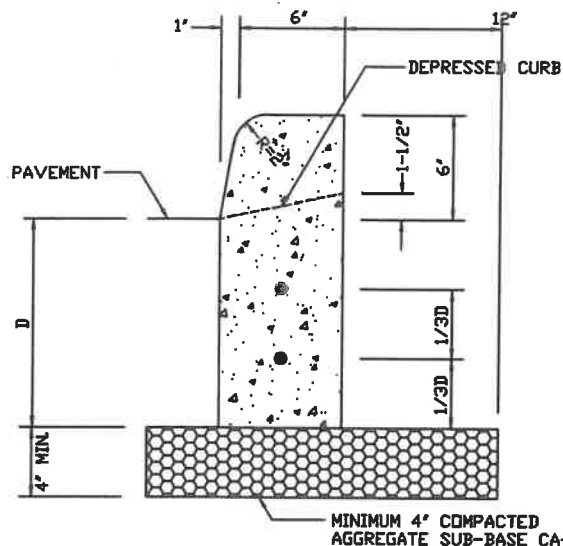
MAINTAIN ASPHALT  
SURFACE 1/4" ABOVE  
GUTTER FLAG.

PAVEMENT

SLOPE SHALL MATCH ROADWAY SLOPE



18" CONCRETE GUTTER

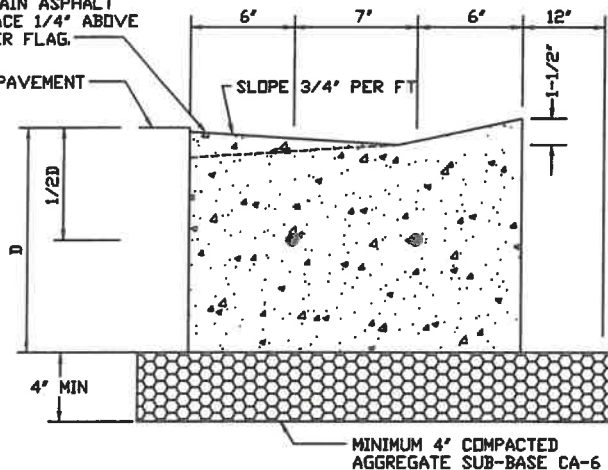


6" CONCRETE CURB TYPE B

MAINTAIN ASPHALT  
SURFACE 1/4" ABOVE  
GUTTER FLAG.

PAVEMENT

SLOPE 3/4" PER FT

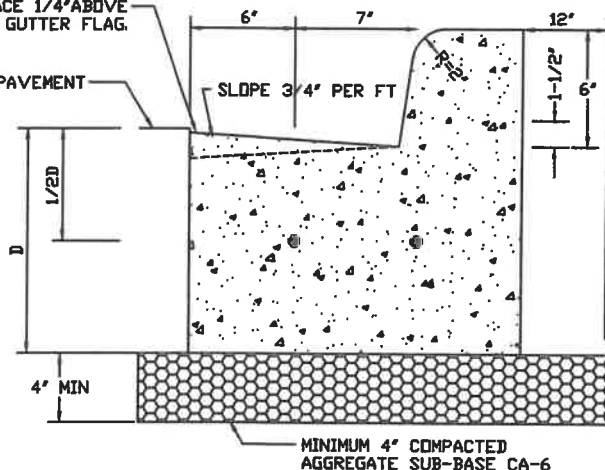


DEPRESSED COMBINATION CURB & GUTTER

MAINTAIN ASPHALT  
SURFACE 1/4" ABOVE  
GUTTER FLAG.

PAVEMENT

SLOPE 3/4" PER FT



COMBINATION CURB & GUTTER

### GENERAL NOTES:

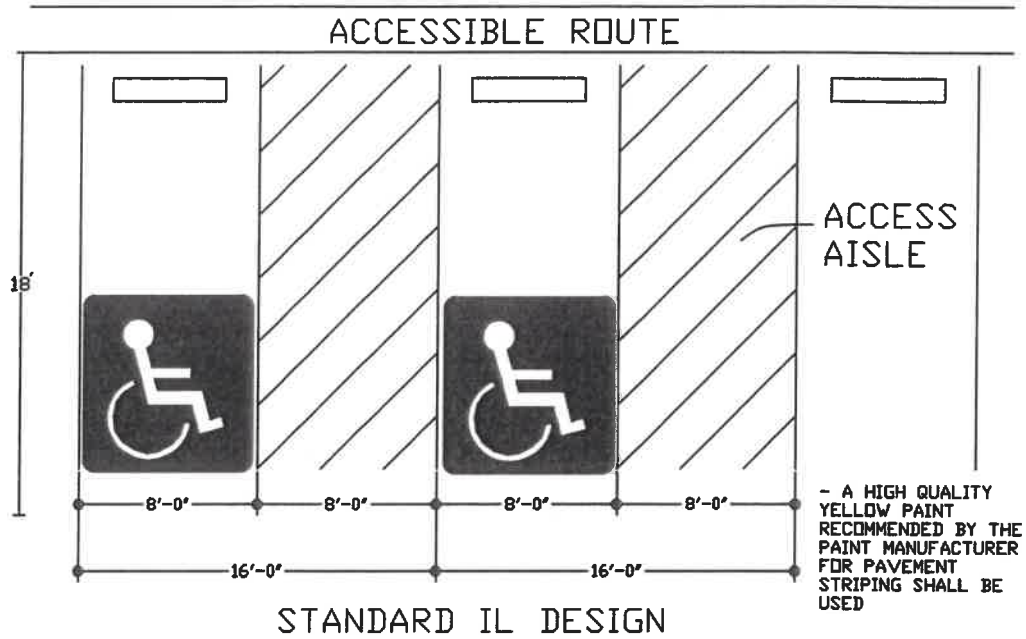
1. 3/4" PREFORMED BITUMINOUS EXPANSION JOINT MATERIAL WITH TWO #6 COATED SMOOTH DOWEL BARS (3/4" DIAMETER X 18") WITH GREASED CAPS SHALL BE PLACED EVERY 45 FEET. THEY SHALL ALSO BE PLACED AT 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS, AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING CURB AND GUTTER, THE EXISTING CURB SHALL BE DRILLED, AND TWO # 6 COATED SMOOTH DOWEL BARS (3/4" DIAMETER X 18") SHALL BE GROUTED IN PLACE. GREASE CAPS SHALL BE PLACED ON THE SIDE OF THE NEW CURB AND GUTTER AND SHALL HAVE A PINCHED STOP THAT WILL PROVIDE A MINIMUM 1" EXPANSION.
2. TOOLED CONTROL JOINTS OR SAWCUTS SHALL BE MADE EVERY 15 FEET.
3. SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HOURS AND SEALED WITH A VILLAGE APPROVED JOINT SEALANT. JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.
4. TWO (2) #4 REBARS SHALL BE PLACED CONTINUOUS THROUGHOUT THE CURB AND GUTTER.
5. THE MINIMUM DEPTH OF THE CURB SHALL BE 9".

REV.	DRG	REV.	03-25-16
REV.	DRG	REV.	02-05-15
DRAWN BY:	VJGL	DATE:	2-16-98

## CURB AND GUTTER

VILLAGE OF LOMBARD

PAVEMENT 8



**R7-8**

THIS IS A STANDARD SIGN AND MAY BE ORDERED FROM ANY TRAFFIC SIGN SUPPLIER BY NUMBER. THE ARROW SHOULD BE OMITTED WHERE THERE IS ONLY ONE SPACE. THE ARROW MAY ALSO BE MADE TO POINT IN ONLY ONE DIRECTION. THE SIGN MUST BE SUPPLEMENTED WITH THE ILLINOIS STANDARD R7-I101 PLATE GIVING THE AMOUNT OF THE FINE FOR ILLEGALLY PARKING IN THE RESERVED SPACE(S).



**ILLINOIS STANDARD  
R7-I101**

THIS PLATE MAY BE MOUNTED DIRECTLY BELOW THE R7-8 SIGN OR COMBINED WITH THAT SIGN ON A SINGLE 12' BY 24' PANEL. WHERE A FINE IN EXCESS OF \$100 IS ESTABLISHED BY A MUNICIPALITY BY ORDINANCE IN ACCORDANCE WITH THE STATUTES, THE ACTUAL AMOUNT OF THE FINE SHOULD BE SHOWN.

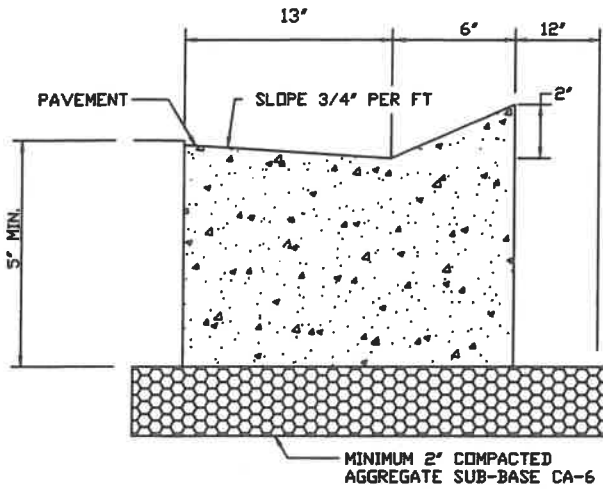
REV.1	ERH	REV.1	08-01-06
REV.1	ERH	REV.1	09-16-02
DRAWN BY:	RTL	DATE:	7-20-99
H:\HOME\LAQANG\DRAWINGS\DETAILS\CH400\PAVE-2.DWG			

**HANDICAP STALL**

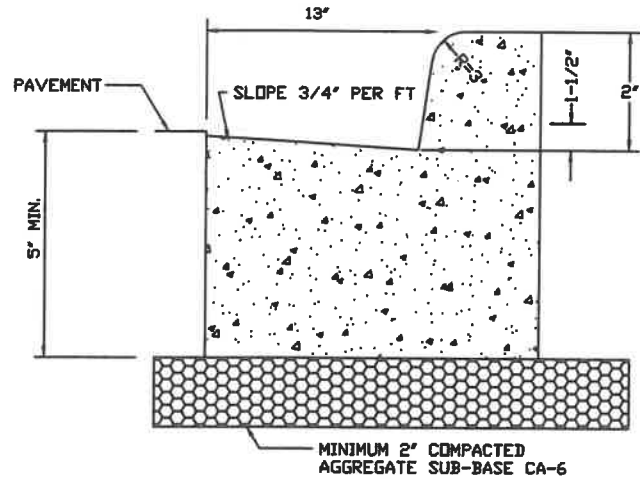
**VILLAGE OF LOMBARD**

**PAVEMENT 14**

## CONCRETE

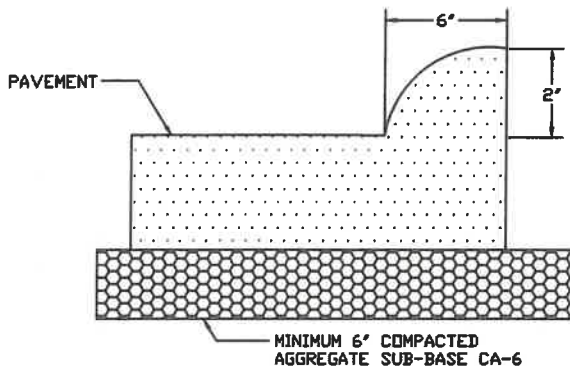


DEPRESSED COMBINATION CURB & GUTTER

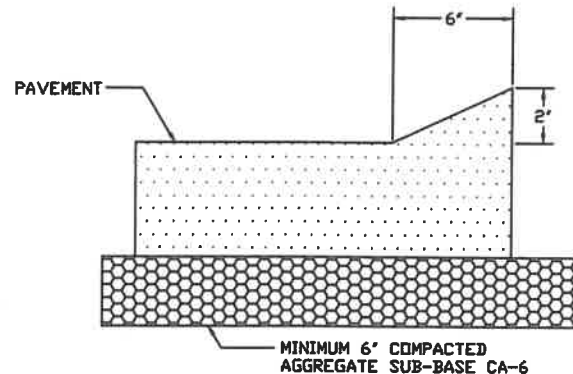


COMBINATION CURB & GUTTER

## ASPHALT



ROLLED ASPHALT CURB AND GUTTER



DEPRESSED ASPHALT CURB AND GUTTER

### CONCRETE GENERAL NOTES:

1. TOOLED CONTROL JOINTS OR SAWCUTS SHALL BE MADE EVERY 15 FEET.
2. SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) AND SEALED WITH A VILLAGE APPROVED JOINT SEALANT. JOINTS SHALL BE CLEAN AND DRY PRIOR TO THE APPLICATION OF SEALANT.

### ASPHALT GENERAL NOTES:

1. HAND TAMP 2" CURB IN PLACE.

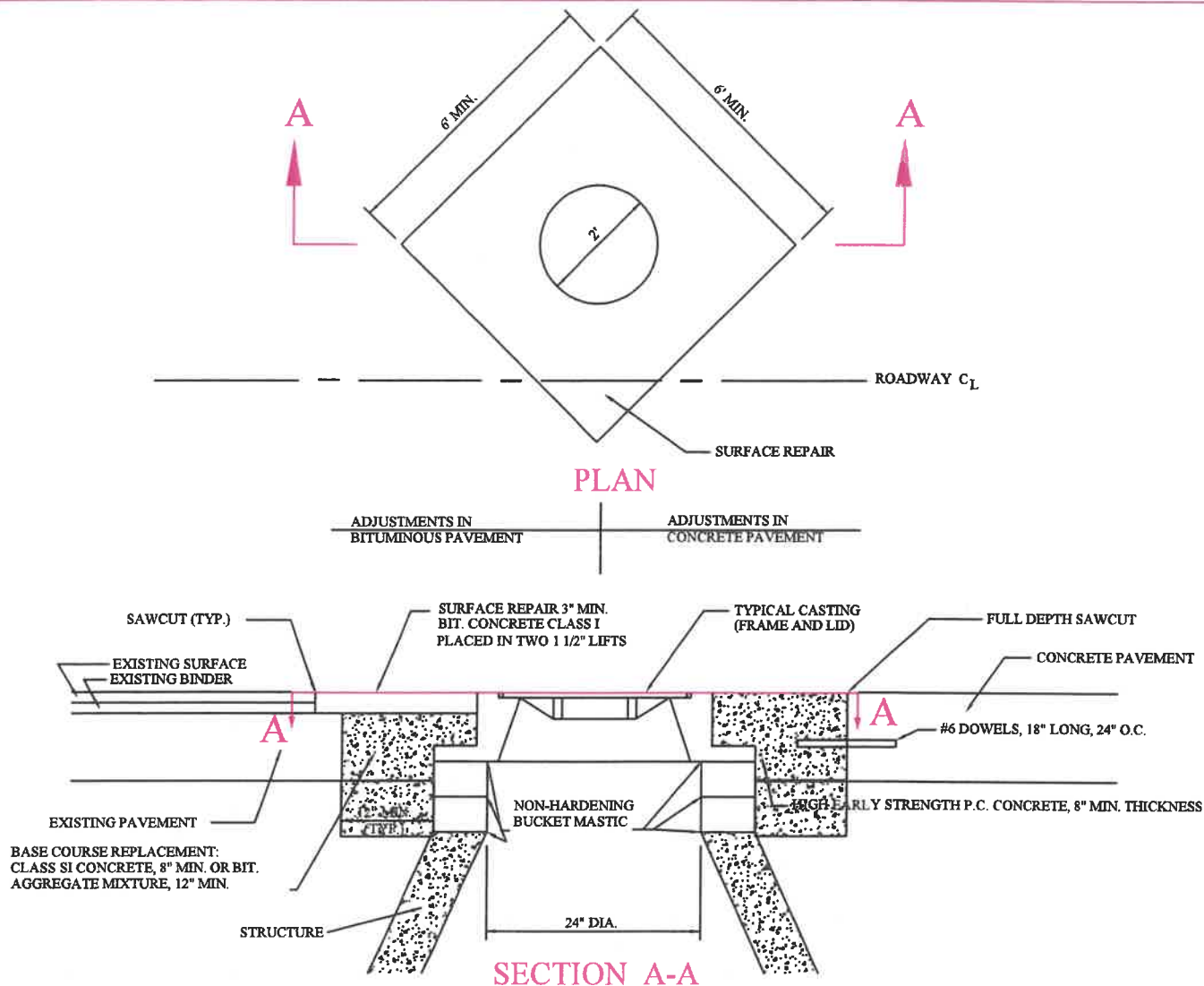
REV. 1	DRG	REV. 1	02/05/2015
DRAWN BY: MTM		DATE: 08/06/2014	

Driveway Curb Edge

VILLAGE OF LOMBARD

PAVEMENT 15





#### GENERAL NOTES:

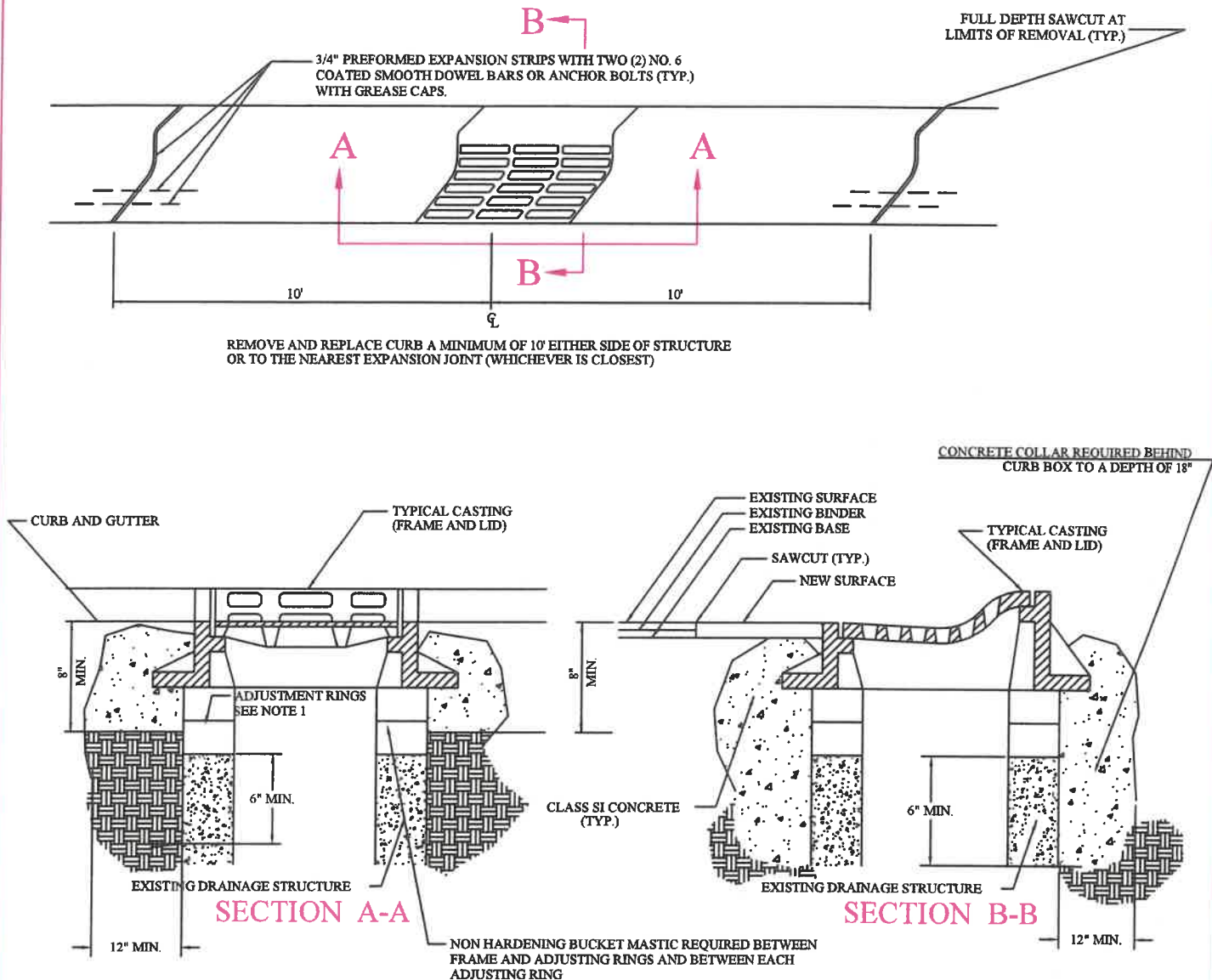
1. PROVIDE CA-6 BACKFILL AROUND MANHOLE TO SUBGRADE ELEVATION.
2. WHEN THE FRAME DOES NOT MEET THE PROPOSED ELEVATION, ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. A MAXIMUM OF 3 ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. CONCRETE, RUBBERIZED, HIGH DENSITY EXPANDED POLYSTYRENE WITH A POLYURIA COATING OR EXPANDED POLYPROPYLENE RINGS MAY USED (ALL RINGS MUST BE IDOT APPROVED). CONCRETE RINGS MAY BE NO LESS THAN 3 INCHES THICK. EACH RING SHALL BE SEALED UNDERNEATH THE FRAME PER THE PRODUCT MANUFACTURERS SPECIFICATIONS WITH THE APPROVAL OF THE ENGINEER.
3. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF 3 INCHES.
4. WHEN ADJUSTMENTS ARE LOCATED IN TRAVEL LANES, THEY SHALL BE PROTECTED BY A BARRICADE WITH 2 FLASHING LIGHTS, 2 BARRICADES EACH WITH A SINGLE FLASHING LIGHT OR COVERED BY A 1 INCH STEEL PLATE PROVIDED AND MAINTAINED BY THE CONTRACTOR UNTIL THE SURFACE RESTORATION IS COMPLETE.
5. WHEN ADJUSTMENTS TEMPORARILY RAISE A CASTING ABOVE THE ELEVATION OF THE PAVEMENT SURFACE, IN AREAS SUBJECTED TO VEHICULAR TRAFFIC, A BITUMINOUS RAMP SHALL BE TRANSITIONED A DISTANCE OF 1 FOOT HORIZONTAL FOR EACH INCH OF VERTICAL DISTANCE ABOVE THE EXISTING PAVEMENT. SUCH RAMP SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE COMPLETION OF THE SURFACE RESTORATION.
6. FOR BOTH CONCRETE AND ASPHALT ROADS, THE BASE COURSE REPLACEMENT (CONCRETE COLLAR) SHALL BE EXTENDED DOWN TO THE TOP OF THE CONE SECTION.

REV.: JKB	REV.: 04-23-18
REV.: ERH	REV.: 08-23-06
REV.: ERH	REV.: 07-14-99
DRAWN BY: VJGL	DATE: 02-16-98

## CASTING ADJUSTMENTS FOR STRUCTURES IN PAVED AREAS

VILLAGE OF LOMBARD

STORM 7



#### GENERAL NOTES:

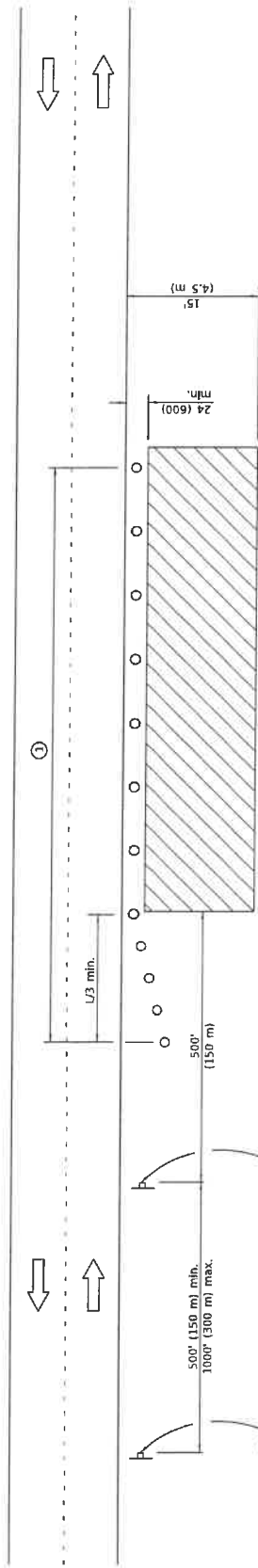
1. WHEN THE FRAME DOES NOT MEET THE PROPOSED ELEVATION, ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. A MAXIMUM OF 3 ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. CONCRETE, RUBBERIZED, HIGH DENSITY EXPANDED POLYSTYRENE WITH A POLYURIA COATING OR EXPANDED POLYPROPYLENE RINGS MAY USED (ALL RINGS MUST BE IDOT APPROVED). CONCRETE RINGS MAY BE NO LESS THAN 3 INCHES THICK. EACH RING SHALL BE SEALED UNDERNEATH THE FRAME PER THE PRODUCT MANUFACTURERS SPECIFICATIONS WITH THE APPROVAL OF THE ENGINEER.
2. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF 3 INCHES.
3. A CONCRETE COLLAR PLACED TO A MINIMUM DEPTH OF 12 INCHES BEHIND THE CURB BOX AND MINIMUM OF 18 INCHES BELOW GRADE IS REQUIRED
4. MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS.
5. ALL REMOVABLE CASTINGS SHALL BE ORIENTED SO THE OPENING IN THE GRATE PROVIDES THE MAXIMUM HYDRAULIC EFFICIENCY.

REV.: JKB	REV.: 04-23-18
REV.: ERH	REV.: 12-06-05
REV.: ERH	REV.: 03-16-99
DRAWN BY: VJGL	DATE: 02-16-98

CASTING ADJUSTMENTS FOR  
STRUCTURES IN THE CURB LINE

VILLAGE OF LOMBARD  
STORM 8

# **IDOT STANDARD DETAILS**



For contract construction projects

For maintenance and utility projects

# **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.

- 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.

## **TYPICAL APPLICATIONS**

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

## **SYMBOLS**

Work area

Sign

Cone, drum or barricade

FORMULAS  
(Metric)

$$L = \frac{WS^2}{60}$$

$$L = 0.65(W)(S)$$

English

$$L = \frac{WS^2}{60}$$

$$L = 0.65(W)(S)$$

W = Width of offset in feet (meters).

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

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

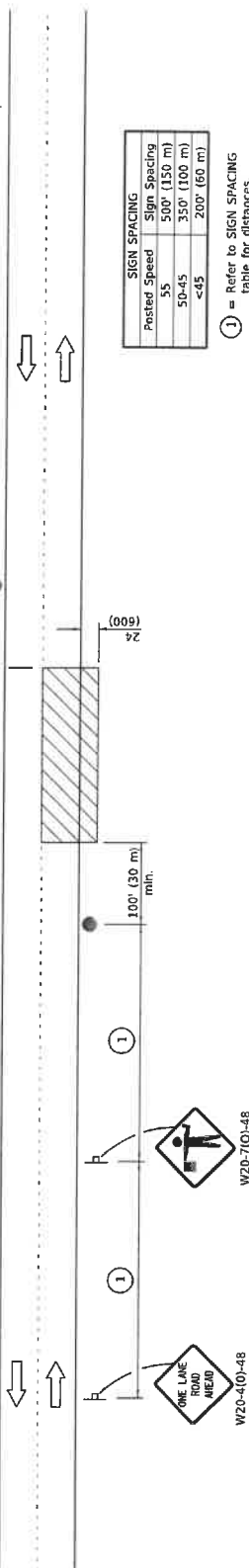
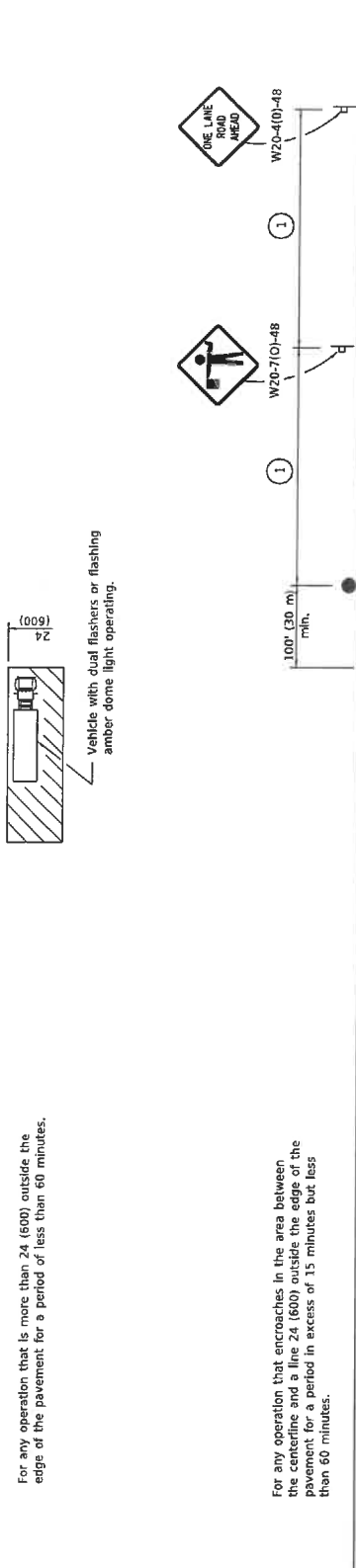
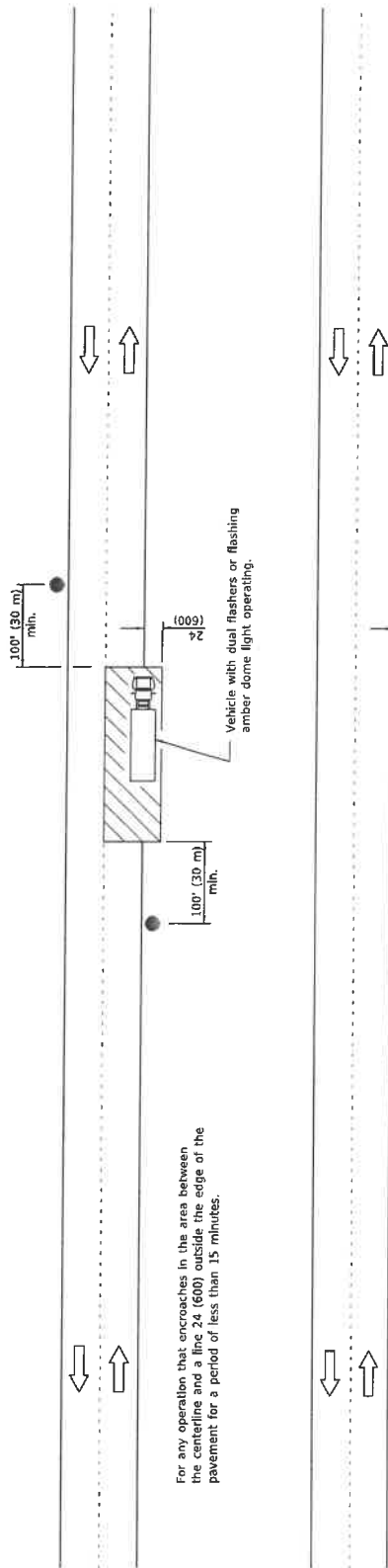
**OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE**

STANDARD 701006-05

Illinois Department of Transportation PASSED January 1, 2014 ENGINEER OF SAFETY ENGINEERING APPROVED January 1, 2014 ENGINEER OF DESIGN AND ENVIRONMENT		ISSUED 1-1-97
---	--	---------------

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





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.

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

# **SYMBOLS**

- Work area
- Sign on portable or permanent support
- Flagger with traffic control sign

# **TYPICAL APPLICATIONS**

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

Illinois Department of Transportation PASSED January 1, 2011 ENGINEER OF SAFETY APPROVED January 1, 2011 ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-97
---	---------------

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

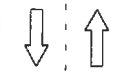
# **LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS**

STANDARD 701301-04

G20-1101-2430  
(appropriate arrow)

WET  
PAINT

G20-1101-2430  
(appropriate arrow)



KEEP  
RIGHT

200' (60 m)  
min. +

\* Distance varies depending on terrain  
and susceptibility of pavement marking  
or crack sealant to wheel tracking.

# TYPICAL APPLICATIONS

- Landscape work
- Utility work
- Pavement marking
- Weed spraying
- Roadometer measurements
- Debris cleanup
- Crack pouring

# SYMBOLS

- Arrow board (Hazard Mode only)
- Truck with headlights, emergency  
flashers and flashing amber light,  
(visible from all directions)
- 18x18 (450x450) min. orange flag  
(use when guide wheel is used)
- Truck mounted attenuator

# GENERAL NOTES

This Standard is used where any vehicle,  
equipment, workers or their activities will  
require a continuous moving operation where  
the average speed is greater than 3 mph  
(5 km/h).

For shoulder operations not encroaching on  
the pavement, use DETAIL A, Standard 701426.

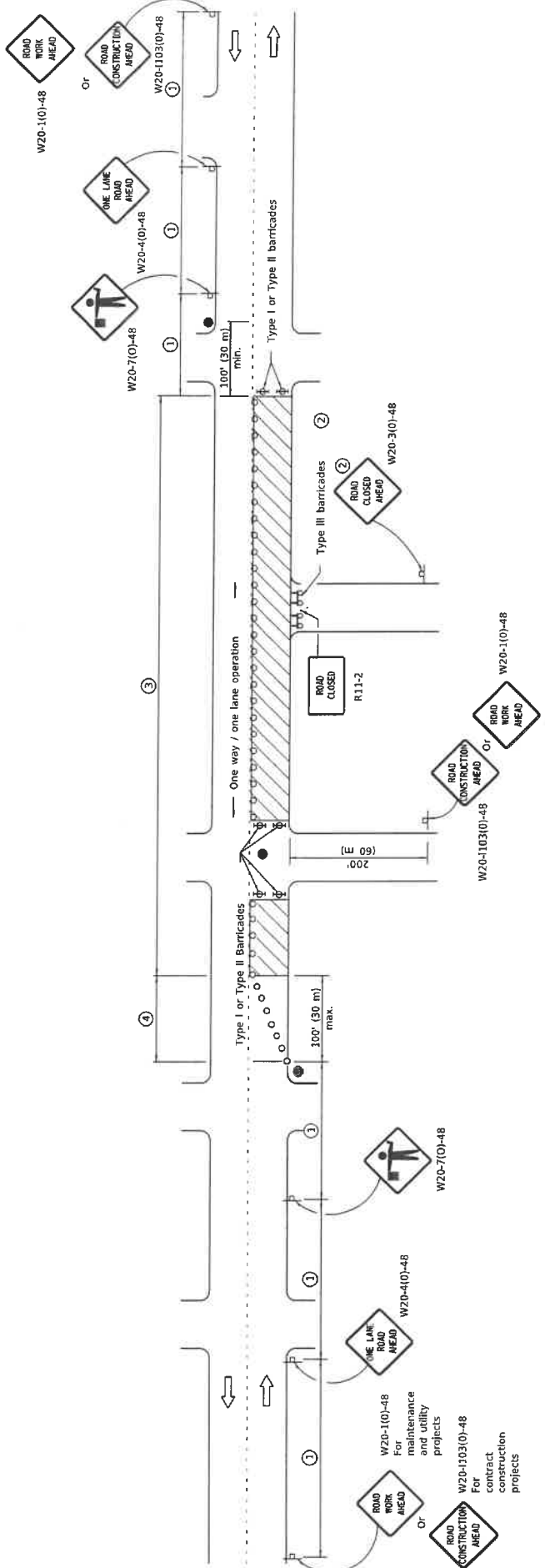
All dimensions are in inches (millimeters)  
unless otherwise shown.

		ISSUED 1-1-97
PASSED JANUARY 1, 2009 ENGINEER OF OPERATIONS APPROVED JANUARY 1, 2009 ENGINEER OF DESIGN AND ENVIRONMENT		

DATE	REVISIONS
1-1-09	Switched units to English (metric). Omitted Pass With Care sign. Elim. speed restrictions in Standard title.
1-1-00	

# LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY

STANDARD 701311-03



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

- Refer to SIGN SPACING TABLE for distances.
- For approved slideroad closures.
- 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.
- 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.

REVISIONS	
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

Illinois Department of Transportation

PASSED

REVIEWED

ENGINEER OF SAFETY ENGINEERING

APPROVED

ENGINEER OF DESIGN AND ENVIRONMENT

2011

2011

2011

ISSUED 1-1-97

W20-1(0)-48



W20-5L(0)-48



Or W20-1103(0)-48



W20-7(0)-48

W21-1(0)-48



4

10' (3 m) min.

100' (30 m)

6

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

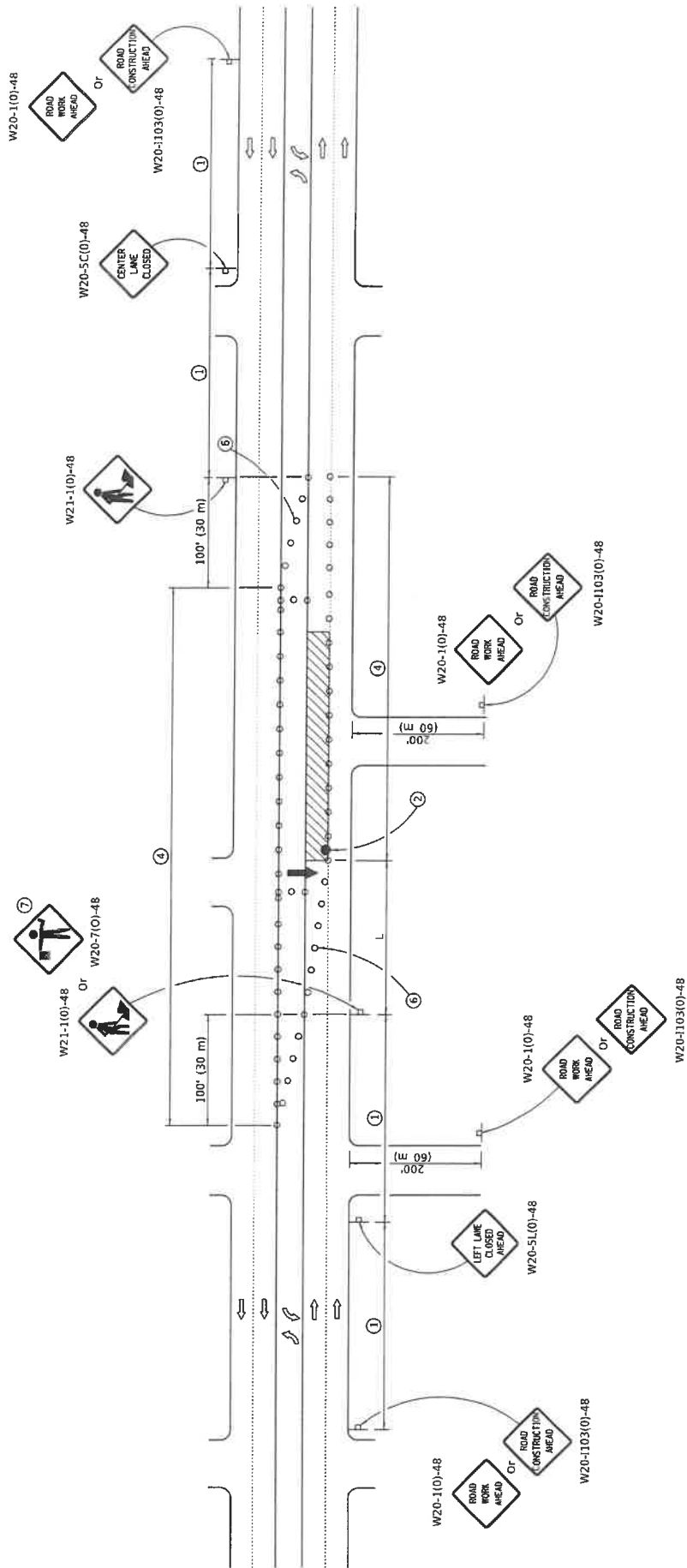
281

282



(Sheet 2 of 4)

STANDARD 701602-10

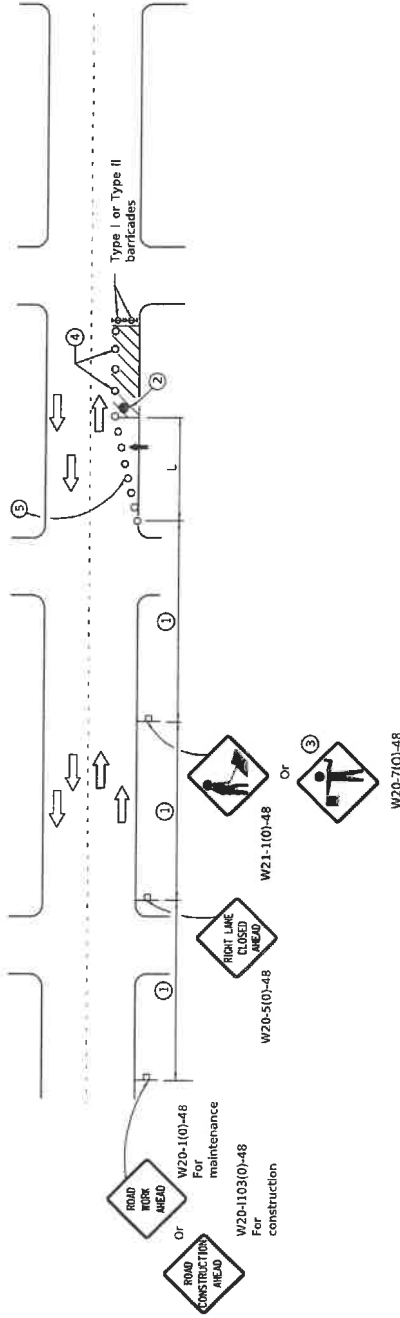


# URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE (Sheet 3 of 4) STANDARD 701602-10

Illinois Department of Transportation APPROVED: <i>[Signature]</i> 2019 ENGINEER OF SAFETY, TRUCK, AND ENGINEERING APPROVED: <i>[Signature]</i> 2019 ENGINEER OF DESIGN AND ENVIRONMENT		ISSUED 1-1-13
---	--	---------------



## STANDARD 701602-10



# GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach upon the travel way or the closure of one traffic lane in an urban area.

Calculate L as follows:

SPEED LIMIT

FORMULAS

English (Metric)

$$L = \frac{WS^2}{60}$$

$$L = \frac{WS^2}{60}$$

$$L = \frac{WS^2}{60}$$

W = Width of offset

In feet (meters).

S = Normal posted speed

mph (km/h).

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

- 1 Refer to SIGN SPACING TABLE for distances.
- 2 Required for speeds > 40 mph.
- 3 Use flagger sign only when flagger is present.
- 4 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.
- 5 Cones, drums or barricades at 20' (6 m) centers in taper.

## SYMBOLS

- Arrow board
- Cone, drum or barricade
- Sign on portable or permanent support
- Work area
- Barricade or drum with flashing light
- Flagger with traffic control sign.

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

Illinois Department of Transportation PASSED January 2015 ENGINEER OF SAFETY ENGINEERING APPROVED [Signature] 2015 ENGINEER OF DESIGN AND ENVIRONMENT		ISSUED 1-1-97
---	--	---------------

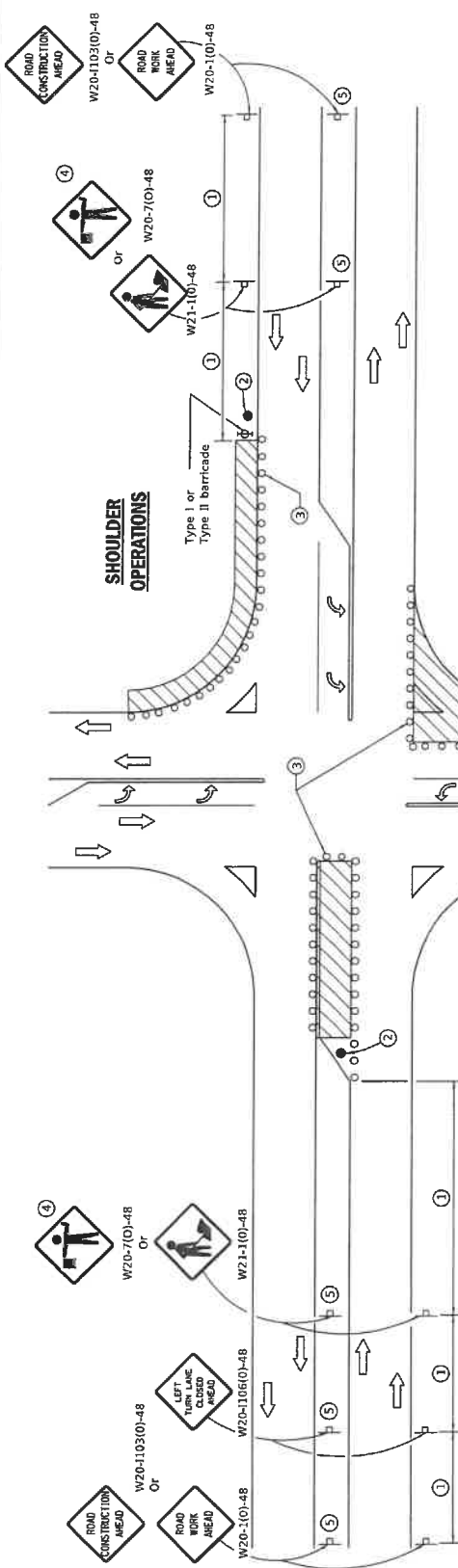
## URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN

STANDARD 701606-10

DATE	REVISIONS
1-1-15	Renamed standard. Moved case on Sheet 2 to new Highway Standard.
1-1-14	Revised workers sign number to agree with current MUTCD.







### LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

- 1 Refer to SIGN SPACING TABLE for distance.
- 2 Required for speed > 40 mph.
- 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 Use flagger sign only when flagger is present.
- 5 Omit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.
- 6 Cones, drums or barricades at 20' (6 m) centers in taper.
- 7 Advanced arrow board required for speeds > 45 mph.
- 8 Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

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
- Sign on portable or permanent support
- Arrow board
- Barricade or drum with flashing light
- Flagger with traffic control sign

**GENERAL NOTES**  
 This Standard is used where, at any time, day or night, any vehicle, equipment or workers' activities encroach on the pavement during shoulder operations or where construction requires lane closures in an urban area.

Calculate L as follows:

**SPEED LIMIT**

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

W = Width of offset in feet (meters).  
 S = Normal posted speed in mph (km/h).  
 All dimensions are in inches (millimeters) unless otherwise shown.

REVISIONS	
DATE	Corrected sign number for
4-1-16	LEFT TURN LANE CLOSED AHEAD.
1-1-14	Added devices at arrow board upstream from taper. Rev. workers sign number.

## URBAN LANE CLOSURE, MULTILANE INTERSECTION

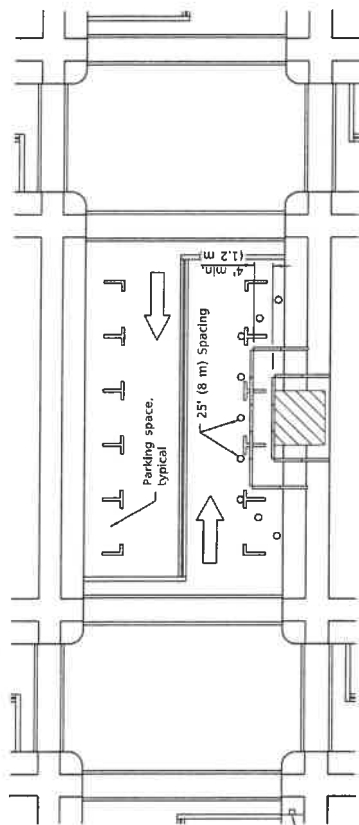
STANDARD 701701-10

PASSED  
 APRIL 1, 2016  
 ENGINEER OF SAFETY ENGINEERING  
 APPROVED

ISSUED 1-1-97

2016  
 2016  
 2016

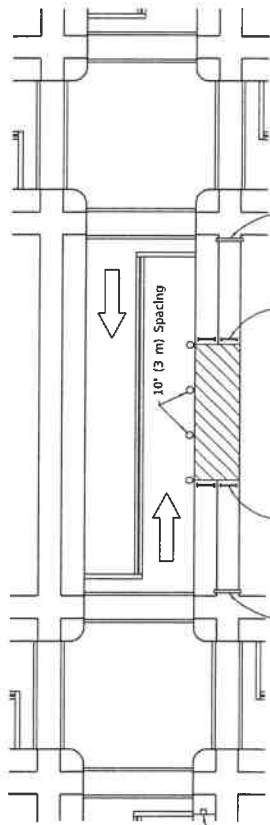
ENGINEER OF DESIGN AND ENVIRONMENT



W20-1103(0)-48 for contract construction projects

Or  
W20-1101-48 for maintenance and utility projects

### SIDEWALK DIVERSION



W20-1103(0)-48 for contract construction projects

Or  
W20-1101-48 for maintenance and utility projects

### SIDEWALK CLOSURE

### SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade

① Omit whenever duplicated by road work traffic control.

### GENERAL NOTES

- This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.
- This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.
- Temporary facilities shall be detectable and accessible.
- The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.
- The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corner, facing the street from the closure.
- The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.
- Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.
- All dimensions are in inches (millimeters) unless otherwise shown.

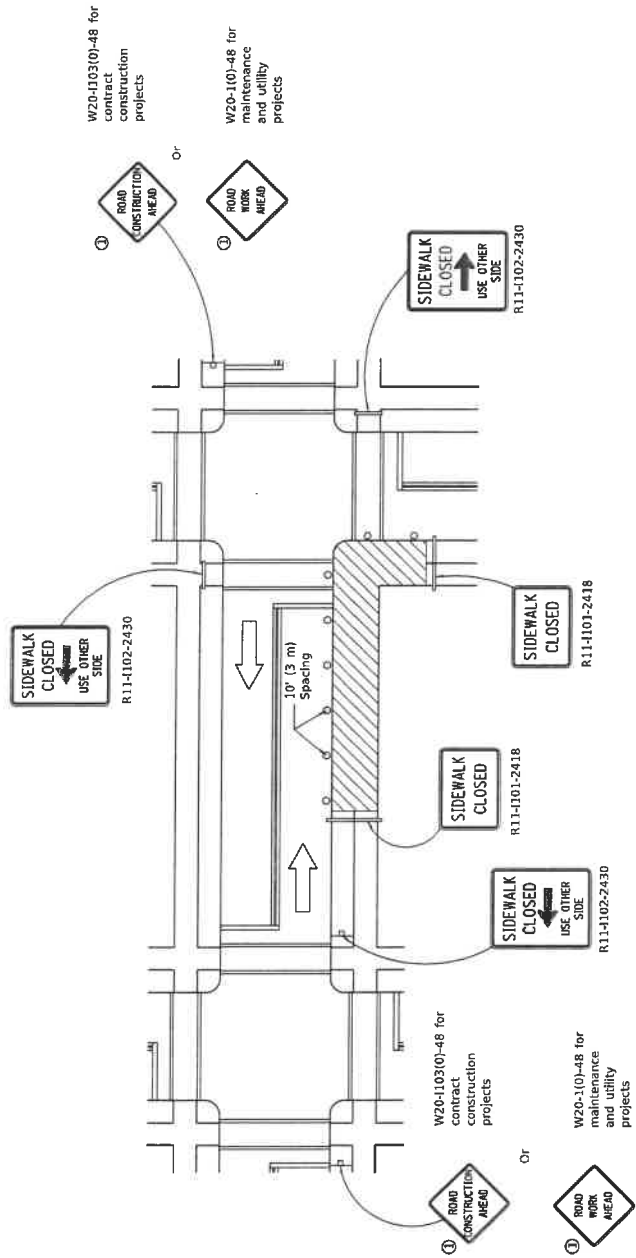
DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of plan views. Renamed Std.

## SIDEWALK, CORNER OR CROSSWALK CLOSURE

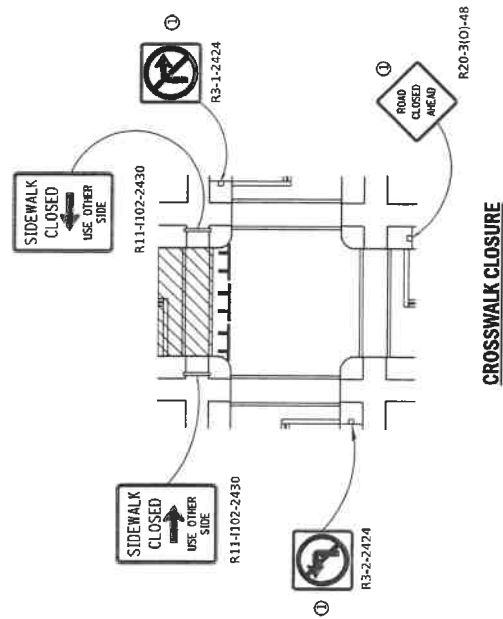
(Sheet 1 of 2)

STANDARD 701801-06

	PASSED	2018
	APPROVED	2016
	ENGINEER OF SAFETY ENGINEERING APRIL 1, 2018	
	ENGINEER OF DESIGN AND ENVIRONMENT APRIL 1, 2016	



**CORNER CLOSURE**



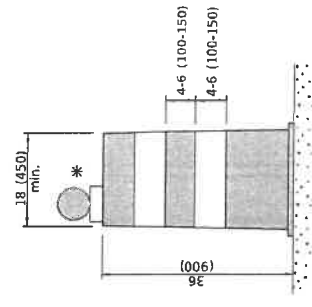
**CROSSWALK CLOSURE**

**SIDEWALK, CORNER OR CROSSWALK CLOSURE**

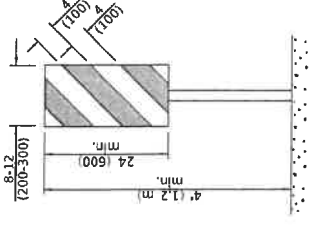
(Sheet 2 of 2)

**STANDARD 701801-06**

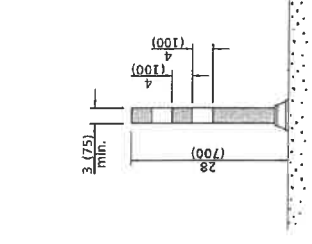
	ISSUED 1-1-97	
	PASSED	2016
	 ENGINEER OF SAFETY ENGINEERING	 ENGINEER OF DESIGN AND ENVIRONMENT
	APPROVED	2016



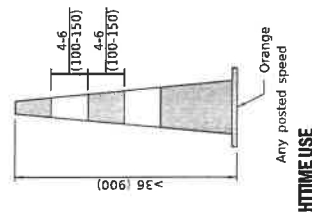
**DRUM**



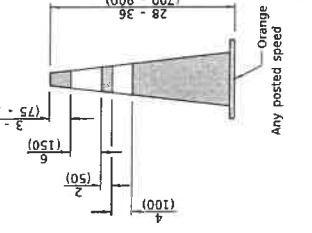
**VERTICAL PANEL**  
POST MOUNTED



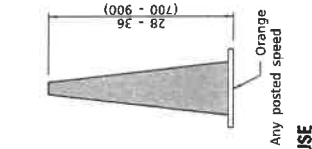
**TUBULAR MARKER**



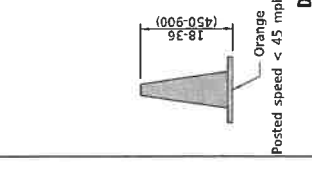
**DAY OR NIGHTTIME USE**



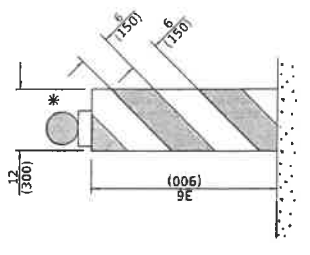
**CONES**



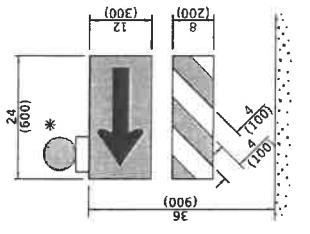
**DAYTIME USE**



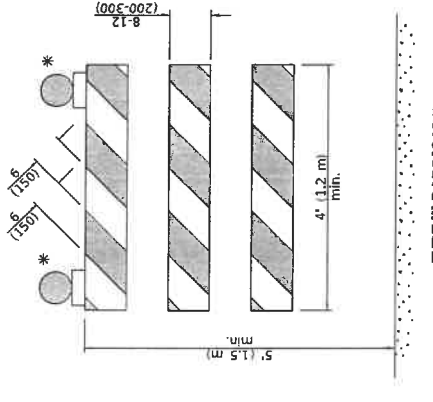
**Ported speed < 45 mph**



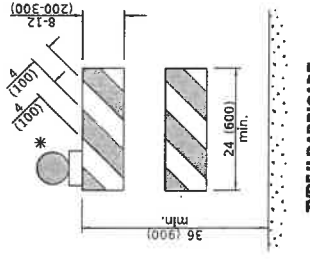
**VERTICAL BARRICADE**



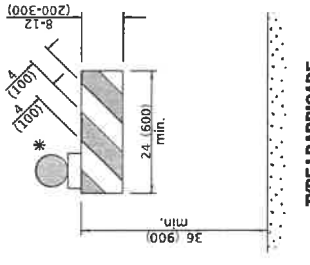
**DIRECTION INDICATOR BARRICADE**



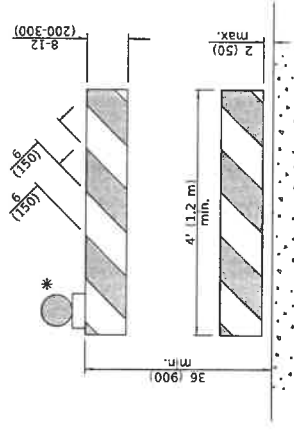
**TYPE III BARRICADE**



**TYPE II BARRICADE**



**TYPE I BARRICADE**



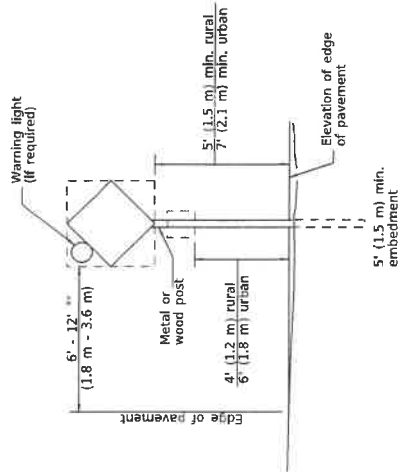
**DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE**

**GENERAL NOTES**

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

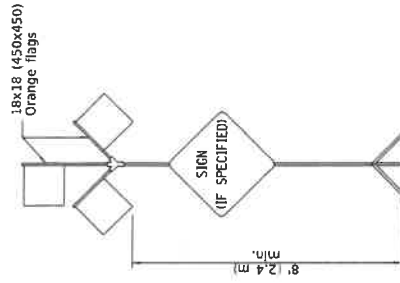
DATE	REVISIONS
1-1-19	Revised cone usage and added cones > 36" (900 mm) height.
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.

Illinois Department of Transportation	ISSUED 1-1-13
APPROVED	JANUARY 1, 2019
ENGINEER OF SAFETY PROGRAM AND ENGINEERING	
APPROVED	JANUARY 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT	



### 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.



### HIGH LEVEL WARNING DEVICE

### SIGNS ON TEMPORARY SUPPORTS

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

ROAD CONSTRUCTION NEXT X MILES  
G20-1104(O)-6036

END CONSTRUCTION  
G20-1105(O)-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 project unless another job is within 2 miles (3200 m).  
Dual sign displays shall be utilized on multi-lane highways.

### WORK LIMIT SIGNING

WORK ZONE	W21-H15(O)-3618
SPEED LIMIT	R2-1-3648
XX	
PHOTO ENFORCED	R10-1108p-3618 ****
XXXX FINE MINIMUM	R2-1106p-3618

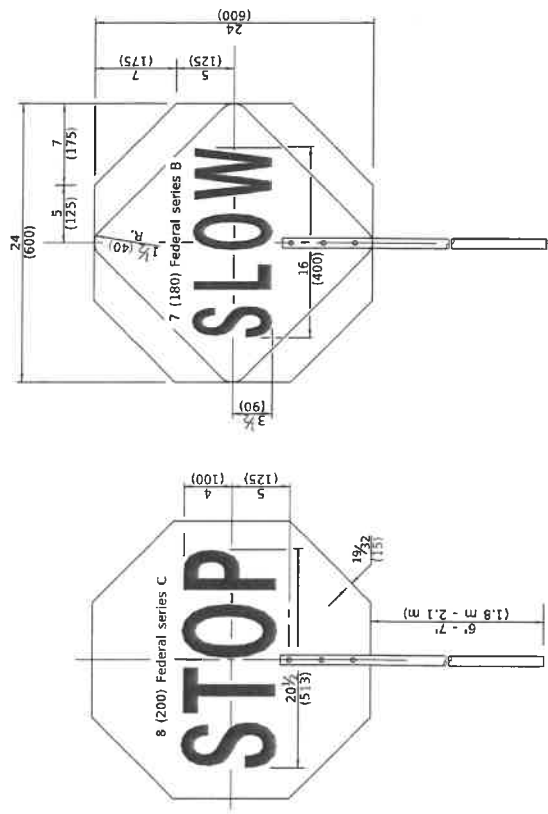
Sign assembly as shown on Standards or as allowed by District Operations.

END WORK ZONE SPEED LIMIT  
G20-1103-6036

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

### HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

\*\*\* R10-1108p shall only be used along roadways under the jurisdiction of the State.



### WIDTH RESTRICTION SIGN

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

REVERSE SIDE

FRONT SIDE

### TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

### STANDARD 701901-08

### FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation

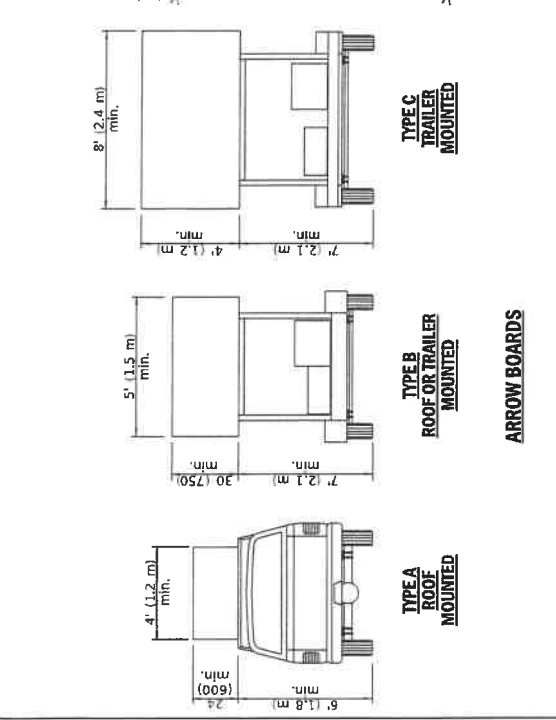
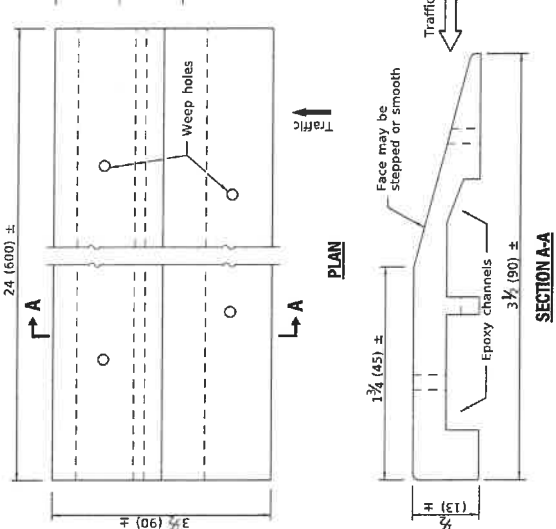
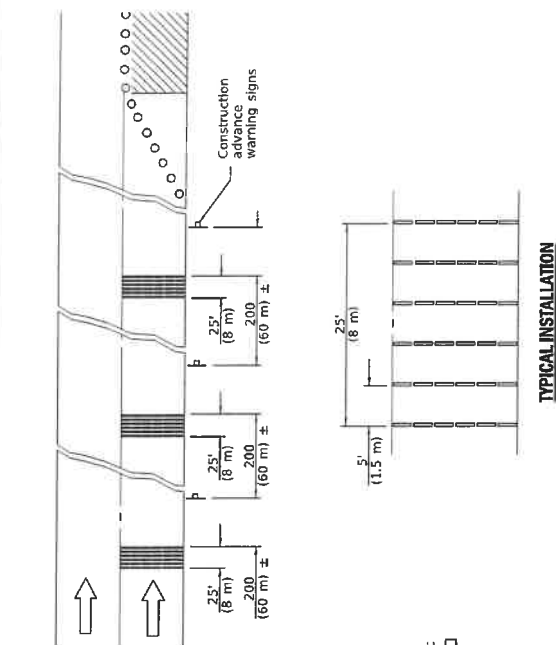
APPROVED: \_\_\_\_\_ JANUARY 1, 2019

ENGINEER OF SAFETY PROGRAM AND ENGINEERING

APPROVED: \_\_\_\_\_ JANUARY 1, 2019

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13



**TEMPORARY RUMBLE STRIPS**

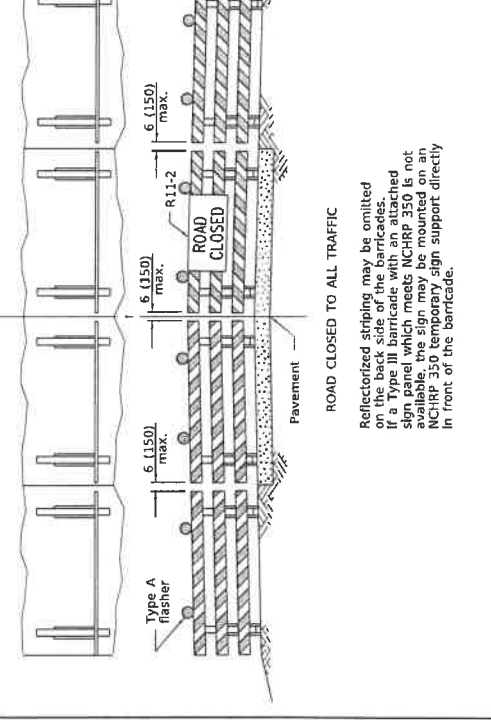
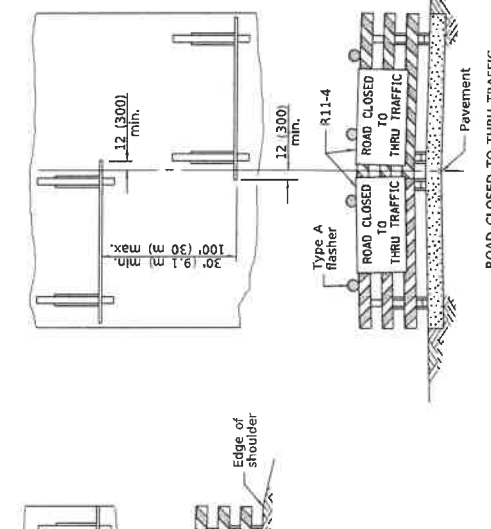
**SECTION A-A**

**ARROW BOARDS**

**TYPE A  
ROOF MOUNTED**

**TYPE B  
ROOF OR TRAILER  
MOUNTED**

**TYPE C  
TRAILER  
MOUNTED**



# **TRAFFIC CONTROL DEVICES** (Sheet 3 of 3) **STANDARD 701901-08**

## **TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD**

ReflectORIZED striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.

ReflectORIZED striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted directly in front of the barricade.

ROAD CLOSED TO ALL TRAFFIC

ROAD CLOSED TO THRU TRAFFIC

ROAD CLOSED TO THRU TRAFFIC

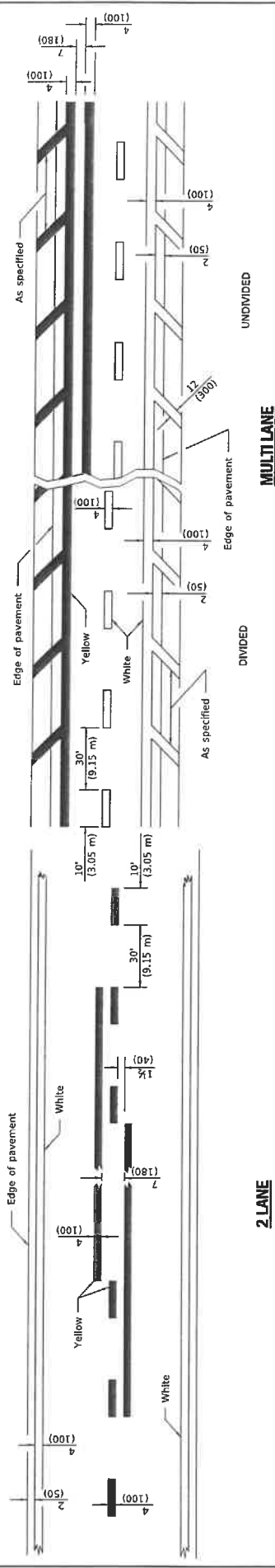
ILLINOIS Department of Transportation

APPROVED: [Signature] JUNE 1, 2019

ENGINEER OF SAFETY, PRICE, AND ENGINEERING

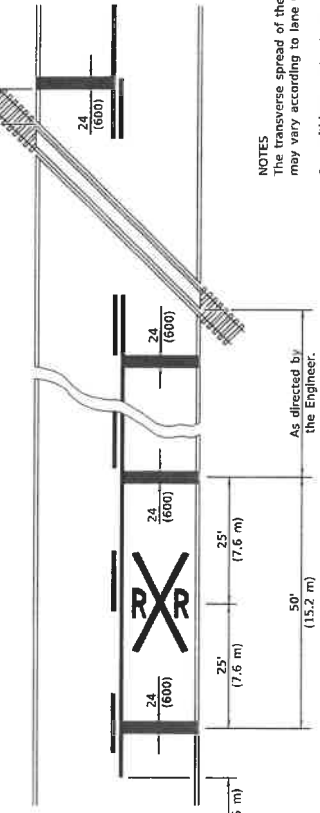
APPROVED: [Signature] JUNE 1, 2019

ENGINEER OF DESIGN AND ENVIRONMENT



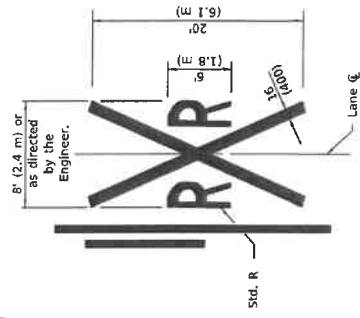
### LANE AND EDGE LINES

Approximately 15' (4.5 m) from nearest rail or 8' (2.4 m) back from gate, if present. Stop line placed perpendicular to center line.



#### NOTES

- The transverse spread of the "X" may vary according to lane width.
- On multi-lane roads, the stop lines shall extend across all approach lanes and separate RR symbols shall be placed adjacent to each other in each lane.
- When the pavement marking symbol is used, a portion of the symbol should be located directly adjacent to the Advance Warning Sign (W10-1) as placed by Table 2C-4, Condition B of the MUTCD.



### PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

### TYPICAL PAVEMENT MARKINGS

DATE	REVISIONS
1-1-15	Added symbols. Revised note for stop line at RR crossing.
1-1-14	Added bike symbol. Renamed 'LANE DROP ARROW' detail to 'LANE-REDUCTION ARROW'.

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

STANDARD 780001-05

(Sheet 1 of 3)

Illinois Department of Transportation

ISSUED 1-1-97

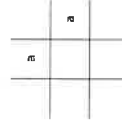
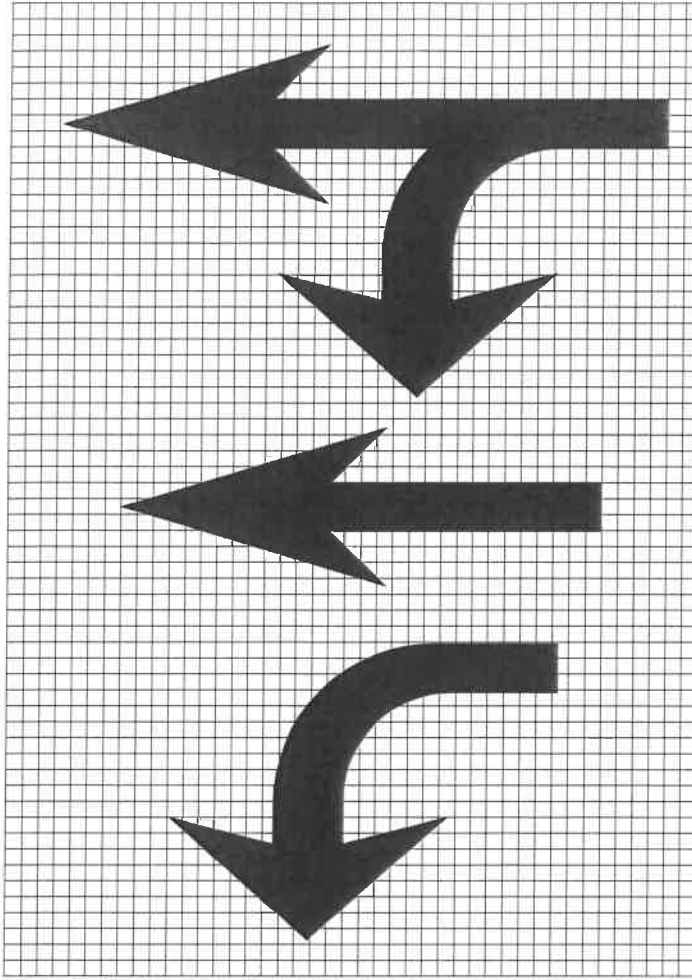
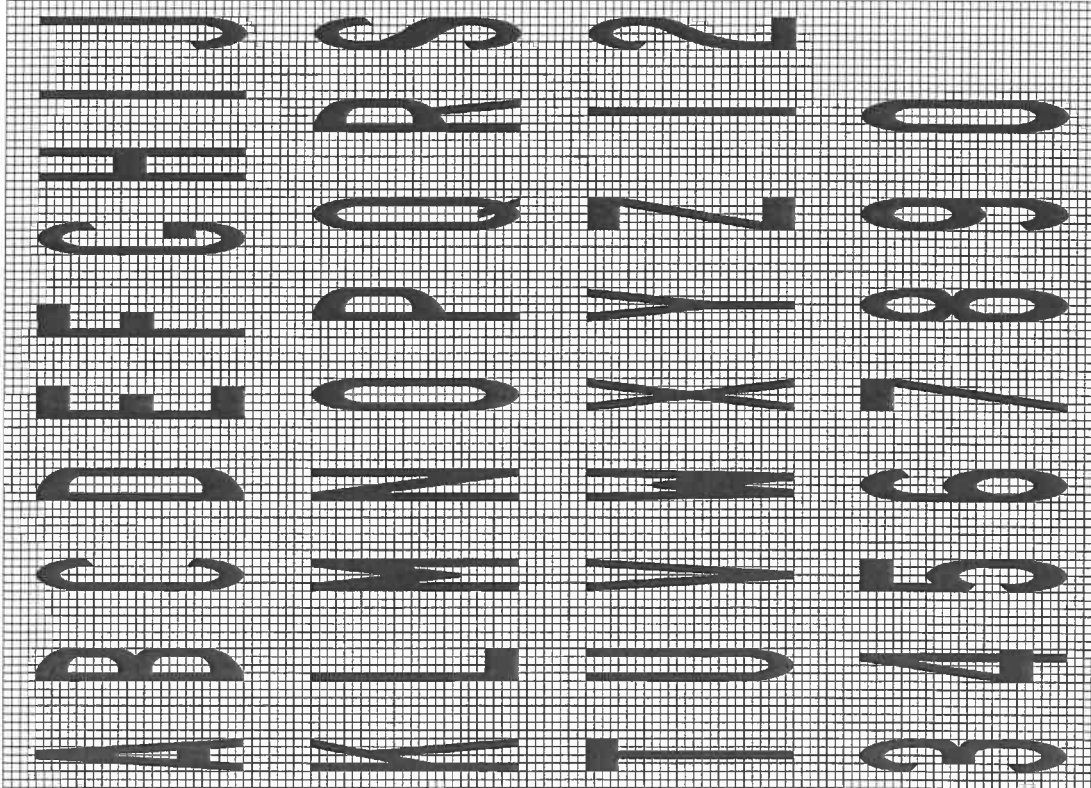
APPROVED 2015

ENGINEER OF DESIGN AND ENVIRONMENT

APPROVED 2015

ENGINEER OF OPERATIONS





Legend Height	Arrow Size	a
6" (1.8 m)	Small	2.5 (74)
8" (2.4 m)	Large	3.6 (96)

The space between adjacent letters or numerals should be approximately 3 (75) for 6" (1.8 m) legend and 4 (100) for 8" (2.4 m) legend.

**LETTER AND ARROW GRID SCALE**

Illinois Department of Transportation

ISSUED 1-1-97

DESIGNED BY *[Signature]* 2015

ENGINEERED BY *[Signature]* 2015

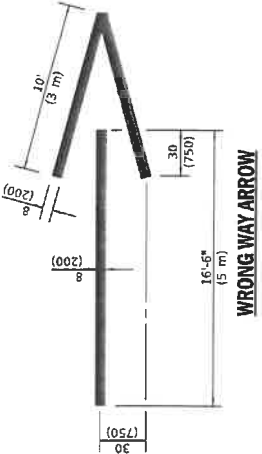
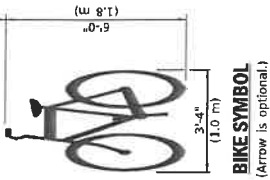
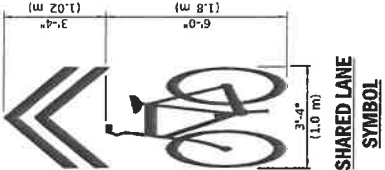
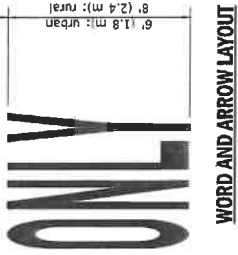
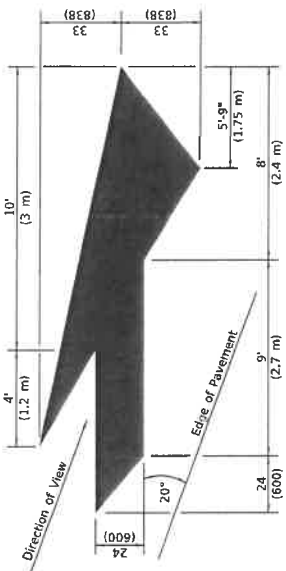
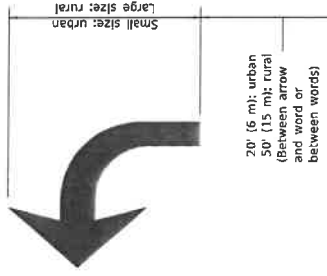
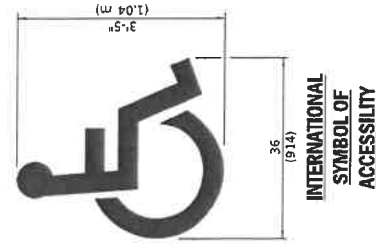
APPROVED BY *[Signature]* 2015

ENGINEER OF DESIGN AND ENVIRONMENT

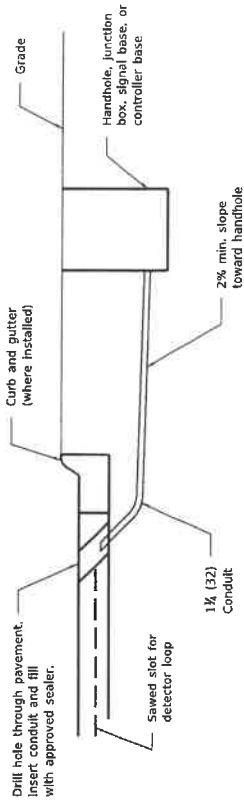
**TYPICAL PAVEMENT MARKINGS**

(Sheet 2 of 3)

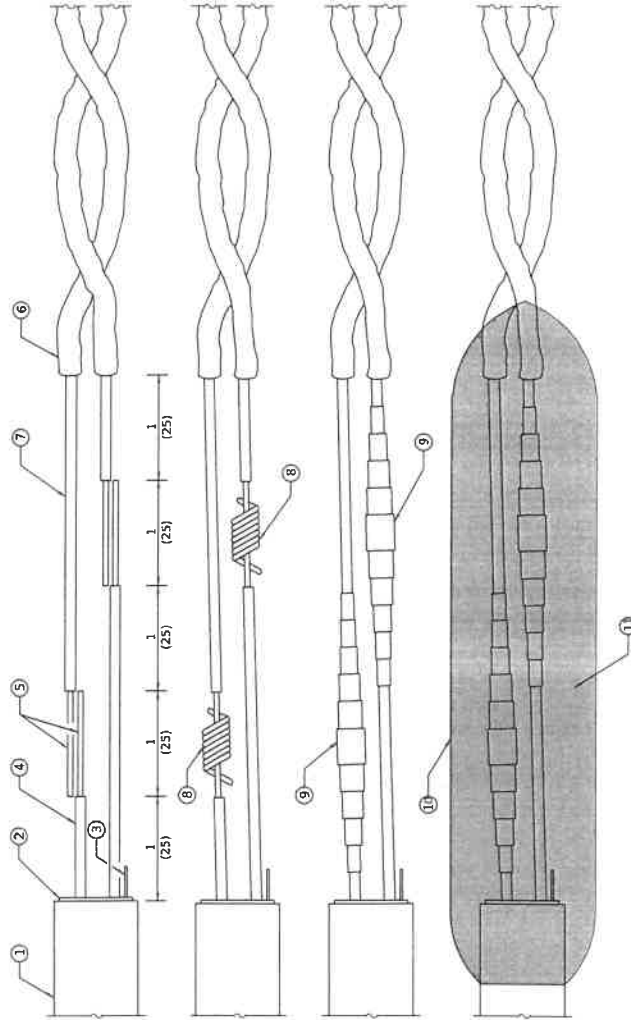
STANDARD 780001-05



Illinois Department of Transportation		ISSUED 1-1-97	
PASSED	DATE: 1. 2015		
ENGINEER OF OPERATIONS	APPROVED		
APPROVED		ENGINEER OF DESIGN AND ENVIRONMENT	



### DETECTOR LOOP LEAD-IN



- ① = Lead-in cable (single pair or multipair)
- ② = Lead-in cable shield
- ③ = Lead-in cable shield drain-wire
- ④ = Lead-in cable insulated conductor
- ⑤ = Bare conductor
- ⑥ = Loop wire in tube
- ⑦ = Loop wire insulated conductor
- ⑧ = Twisted and resin soldered conductor
- ⑨ = Electrical tape insulated splice
- ⑩ = Rigid mold
- ⑪ = Waterproof and dielectric resin

### LOOP WIRE AND LEAD-IN CABLE SPLICE

Illinois Department of Transportation

ISSUED 1-1-02

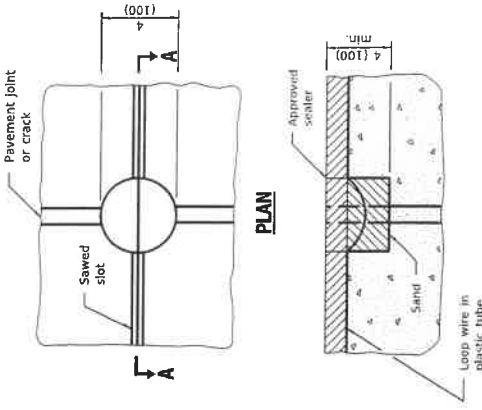
2009

ENGINEER OF OPERATIONS

APPROVED

2009

ENGINEER OF DESIGN AND ENVIRONMENT



### SECTION A-A

NOTE  
Loop wire shall follow saw cut to bottom, forming slack section at joint.

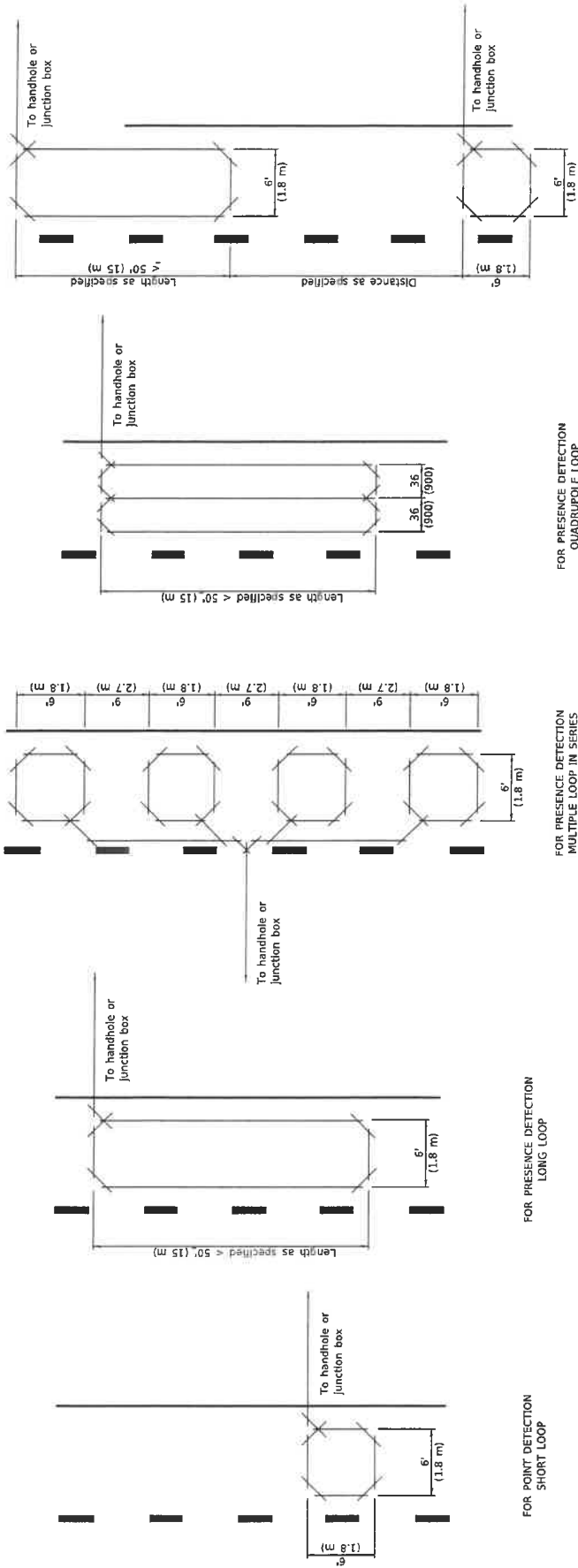
### DETECTOR LOOP AT PAVEMENT JOINT OR PAVEMENT CRACK

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

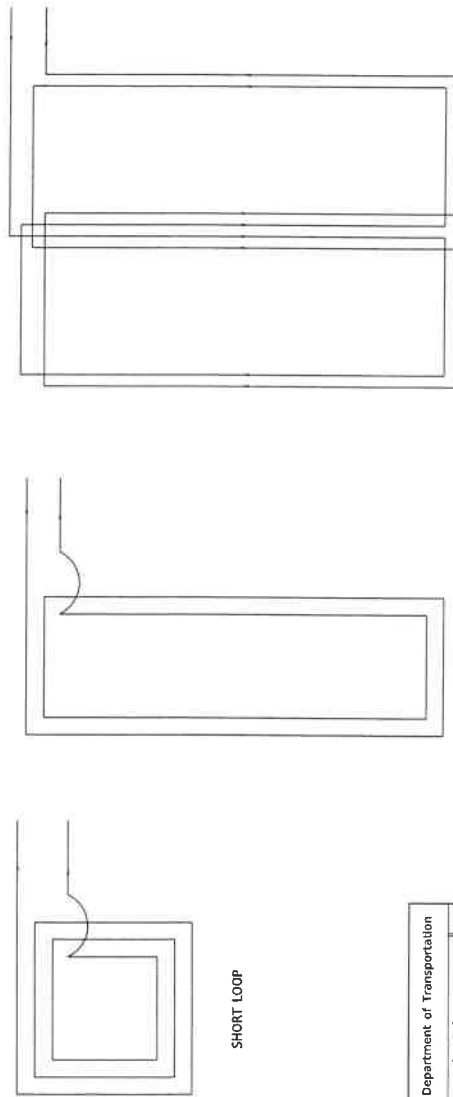
DATE	REVISIONS
1-1-09	Switched units to English (metric)
1-1-02	Renum. Standard 84600.1.

### DETECTOR LOOP INSTALLATIONS

STANDARD 886001-01



### SLOT PLAN



### WIRING DIAGRAM

Illinois Department of Transportation

ISSUED 1-1-02

PAGE: 1 OF 1

PROJECT: 2009

ENGINEER OF OPERATIONS: [Signature]

APPROVED: [Signature]

ENGINEER OF DESIGN AND ENVIRONMENT: [Signature]

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

DATE	REVISIONS
1-1-09	Switched units to English (metric)
1-1-02	Renum. Standard 846006.

## TYPICAL LAYOUTS FOR DETECTION LOOPS

STANDARD 886006-01

## APPENDIX A

## VILLAGE OF LOMBARD LOCATIONS

Street	From	To	Type	Work Provider
CRAIG PLACE	ASH STREET	MADISON STREET	2.5" Grind and Overlay	Contractor/Village
KELLY COURT	WASHINGTON BLVD	CUL-DE-SAC	2.5" Grind and Overlay	Contractor
LOMBARD AVENUE	MAPLE STREET	MORNINGSIDE AVE	2.5" Grind and Overlay	Contractor/Village
MADISON STREET	FINLEY ROAD	PARK ROAD	2.5" Grind and Overlay	Contractor
MAIN STREET	GRAHAM AVENUE	ROOSEVELT ROAD	2.5" Grind and Overlay	Contractor
NORTHLAKE DRIVE	ST. REGIS DRIVE	22 <sup>ND</sup> STREET	2.5" Grind and Overlay	Contractor
ST. REGIS DRIVE	HIGHLAND AVENUE	22 <sup>ND</sup> STREET	2.5" Grind and Overlay	Contractor
STEWART AVENUE	MAPLE STREET	MORNINGSIDE AVE	2.5" Grind and Overlay	Contractor/Village
WASHINGTON BLVD	WESTMORE-MEYERS	ADDISON AVENUE	2.5" Grind and Overlay	Contractor
WILSON AVENUE	MAIN STREET	CHARLOTTE AVENUE	2.5" Grind and Overlay	Contractor
<b>FULL-DEPTH PATCH</b>	<b>LOCATION</b>	<b>SIZE</b>		
329 N. Grace Street	Northbound lane	6' x 6'	Class D Patch, Ty IV, 10"	Contractor
141 W. St. Charles Rd	Westbound lane	7' x 12'	Class D Patch, Ty IV, 10"	Contractor
20 E. St. Charles Rd	Westbound lane	8' x 40'	Class D Patch, Ty IV, 10"	Contractor

# Village of Lombard

## Department of Public Works

2020 Paving

Asphalt Pavement

16 April 2020

