



Contractor's Name

R.W. Dunteman Company

Contractor's Address

600 S. Lombard Road

City

Addison

State

IL

Zip Code

60101

STATE OF ILLINOIS

Local Public Agency

Village of Lombard

County

DuPage

Section Number

21-00000-01-GM

Street Name/Road Name

Various streets throughout the Village

Type of Funds

Motor Fuel Tax

CONTRACT BOND (when required)

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature

Date

[Signature Box]

[Date Box]

Submitted/Approved

County Engineer/Superintendent of Highways

Date

[Signature Box]

[Date Box]

For a Municipal Project

Submitted/Approved/Passed

Signature

Date

[Signature]

6/17/21

Official Title

Village President

Department of Transportation

Concurrence in approval of award

Regional Engineer Signature

Date

Jose Rios / MK

6/29/2021



Local Public Agency	Local Street/Road Name	County	Section Number
Village of Lombard	Various streets throughout the Village	DuPage	21-00000-01-GM

- THIS AGREEMENT, made and concluded the 17th day of June 2021 between the Village of Lombard, known as the party of the first part, and R.W. Dunteman Company, its successor, and assigns, known as the party of the second part.
- For and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring this contract, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this contract.
- 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 21-00000-01-GM in Village of Lombard, approved by the Illinois Department of Transportation on 05/24/21, are essential documents of this contract and are a part hereof.
- IN WITNESS WHEREOF, the said parties have executed this contract on the date above mentioned.

Attest: The Village of Lombard
Local Public Agency Type Name of Local Public Agency

Clerk Elyse Bryjusk Date 6/17/21

(SEAL)

Party of the First Part Date
 By: [Signature] 6/17/21

(If a Corporation)

Corporate Name
R. W. Dunteman Company
 President, Party of the Second Part Date
 By: [Signature] 06/24/21
Roland W. Dunteman, III

(SEAL)

(If a Limited Liability Corporation)

LLC Name
 Manager or Authorized Member, Party of the Second Part
 By: _____

(If a Partnership)

Partner Date

Partner Date

Attest: Secretary [Signature] Date 06/24/21
 Christopher Cwiklinski, Assistant Secretary

(SEAL)

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

(If an individual)

Party of the Second Part Date



Contract Bond



Bond No. 30122854

Local Public Agency	County	Street Name/Road Name	Section Number
Village of Lombard	DuPage	Various Streets	21-00000-01-GM

Bond information to be returned to Local Public Agency at 1051 S. Hammerschmidt Ave., Lombard, IL 60148
Complete Address

We, R. W. Dunteman Company 600 South Lombard Road, Addison, IL 60101
Contractor's Name and Address

a/an Corporation organized under the laws of the State of IL as PRINCIPAL, and
State

Continental Casualty Company 151 N. Franklin Street, Chicago, IL 60606
Surety Name and Address

as SURETY, are held and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of

One Million Two Hundred Forty Four Thousand Fifty Four Dollars and 50/100
Dollars (\$1,244,054.50) lawful money of the United States, to be paid to said LPA, the payment of which we bind ourselves, successors and assigns jointly to pay to the LPA this sum under the conditions of this instrument.

WHEREAS, THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that the said Principal has entered into a written contract with the LPA acting through its awarding authority for the construction of work on the above sections, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

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

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective agents this 23rd day of June, 2021
Day Month and Year

PRINCIPAL

Company Name
R. W. Dunteman Company

Company Name

By
Signature & Title [Signature] Date 6/23/2021
Roland W. Dunteman III President

By
Signature & Title Date

Attest
Signature & Title [Signature] Date 6/23/2021
Christopher Cwiklinski Assistant Secretary

Attest
Signature & Title Date

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

STATE OF Illinois
COUNTY OF DuPage

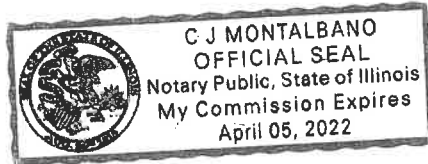
I, C.J. Montalbano, a Notary Public in and for said county, do hereby certify that
Notary Name

Roland W. Dunteman III President and Christopher Cwiklinski
Insert name of Individuals signing on behalf of PRINCIPAL

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

Given under my hand and notarial seal this 23rd day of June, 2021.
Day Month, Year

(SEAL)



Notary Public Signature

C.J. Montalbano

Date commission expires April 5, 2022

C.J. Montalbano

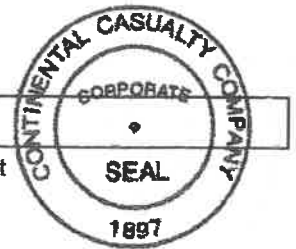
SURETY

Name of Surety

Continental Casualty Company

Title

By: William Reidinger
William Reidinger, Attorney-in-Fact



STATE OF Illinois
COUNTY OF DuPage

I, Rebecca R. Alves, a Notary Public in and for said county, do hereby certify that
Notary Name

William Reidinger, Attorney-in-Fact

Insert name of Individuals signing on behalf of PRINCIPAL

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

Given under my hand and notarial seal this 23rd day of June, 2021.
Day Month, Year

(SEAL)



Notary Public Signature

Rebecca R. Alves

Date commission expires June 29, 2024

Rebecca R. Alves

Approved this 17TH day of JUNE 2021.
Day Month, Year

Attest:

Local Public Agency Clerk Signature

Elyse Breisk

Date

6/17/21

Awarding Authority

VILLAGE OF LOMBARD

Awarding Authority Signature

K.T. [Signature]

Date

6/17/21

VILLAGE Clerk
Local Public Agency Type

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

William Reidinger , Individually

of Schaumburg, IL , their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

Surety Bond No.: 30122854
Principal: R. W. Dunteman Company
Obligee: Village of Lombard

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their insurance companies and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Vice President and their corporate seals to be hereto affixed on this 16th day of June, 2021.

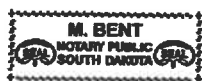


Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

Paul T. Bruflat Vice President

State of South Dakota, County of Minnehaha, ss:

On this 16th day of June, 2021, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that he knows the seals of said insurance companies; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said insurance companies and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.



My Commission Expires March 2, 2026

M. Bent Notary Public

CERTIFICATE

I, D. Johnson, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance companies printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance companies this 23rd day of June, 2021.



Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

D. Johnson Assistant Secretary

Form F6853-4/2012

Go to www.cnasurety.com > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF CONTINENTAL CASUALTY COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company at a meeting held on May 12, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of Continental Casualty Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

ADOPTED BY THE BOARD OF DIRECTORS OF NATIONAL FIRE INSURANCE COMPANY OF HARTFORD:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of National Fire Insurance Company of Hartford.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

ADOPTED BY THE BOARD OF DIRECTORS OF AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of American Casualty Company of Reading, Pennsylvania.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Lombard	DuPage	21-00000-01-GM	Various streets

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the Village of Lombard Public Works,
1051 S. Hammerschmidt Avenue, Lombard, IL 60148
Name of Office
Address until 10:00 AM on 06/08/21
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
Name of Office
Address at 10:00 AM on 06/08/21
Time Date

DESCRIPTION OF WORK

Location	Project Length
Various locations throughout the Village of Lombard	30,225 feet

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. Streets to be resurfaced are existing urban sections with sufficiently designed pavement sections.

1. Plans and proposal forms will be available online at:

www.questcdn.com. Digital bid specifications may be downloaded for \$15.00 by inputting **Quest Project Number 7712495** on the website's Project Search page. Please contact QuestCDN at (952) 233-1632 or info@questcdn.com for assistance in free membership, registration or downloading instructions.

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Lombard	DuPage	21-00000-01-GM	Various streets

PROPOSAL

1. Proposal of R.W. Dunteman Company
Contractor's Name
600 S. Lombard Road, Addison, IL 60101
Contractor's Address
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 24, 2021
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 08/06/21 unless additional time is granted in accordance with the specifications.
6. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: Village of Lombard Treasurer of Lombard, Illinois
11. The amount of the check is 5% of the Bid Amount (5% of the Bid Amount).

Attach Cashier's Check or Certified Check Here

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

The proposal guaranty check will be found in the bid proposal for: Section Number 21-00000-01-GM



Contractor's Name

R.W. Dunteman Company

Contractor's Address

P.O. Box 1129, 600 S. Lombard Road

City

Addison

State

IL

Zip Code

60101

Local Public Agency

Village of Lombard

County

DuPage

Section Number

21-00000-01-GM

Route(s) (Street/Road Name)

Various streets

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

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

Item Number	Items	Unit	Quantity	Unit Price	Total
1	Earth Excavation	CY	50	\$75.0000	\$3,750.00
2	Rem & Disp Unsuitable Matl	CY	50	\$75.0000	\$3,750.00
3	Aggregate for Temp Access	TN	100	\$35.0000	\$3,500.00
4	Bit Materials (Tack Coat)	LB	42037	\$0.0100	\$420.37
5	Leveling Binder (MM) N50	TN	3809	\$66.5000	\$253,298.50
6	Temporary Ramp	SY	100	\$10.0000	\$1,000.00
7	HMA Surf Cse, Mix D, N50	TN	7460	\$66.5000	\$496,090.00
8	PCC Sidewalk 5	SF	2425	\$5.7500	\$13,943.75
9	Detectable Warnings	SF	610	\$27.7500	\$16,927.50
10	HMA Surface Removal 2.5	SY	93330	\$2.2500	\$209,992.50
11	Driveway Pavement Removal	SY	210	\$12.0000	\$2,520.00
12	Comb Conc Gutter Removal	FT	2620	\$5.5000	\$14,410.00
13	Sidewalk Removal	SF	2810	\$1.8000	\$5,058.00
14	Class D Patches, Type IV, 6	SY	350	\$48.0000	\$16,800.00
15	Class D Patches, Type IV, 10	SY	200	\$70.0000	\$14,000.00
16	Comb Conc C&G Type B6.12	FT	1820	\$24.0000	\$43,680.00
17	Comb Conc C&G Type B6.24	FT	800	\$30.0000	\$24,000.00
18	Non-Special Waste Disposal	CY	40	\$80.0000	\$3,200.00
19	Traffic Control Protect 701006	LS	1	\$1.0000	\$1.00
20	Traffic Control Protect 701301	LS	1	\$1.0000	\$1.00

Local Public Agency		County		Section Number		Route(s) (Street/Road Name)	
Village of Lombard		DuPage		21-00000-01-GM		Various streets	
Item Number	Items	Unit	Quantity	Unit Price	Total		
21	Traffic Control Protect 701311	LS	1	\$1.0000	\$1.00		
22	Traffic Control Protect 701501	LS	1	\$53,235.3300	\$53,235.33		
23	Traffic Control Protect 701801	LS	1	\$1.0000	\$1.00		
24	Changeable Message Sign	CA DAY	90	\$30.0000	\$2,700.00		
25	Temp Pave Mark Ltr & Sym	SF	200	\$2.0000	\$400.00		
26	Temp Pave Mark Ltr & Sym	FT	8000	\$0.3000	\$2,400.00		
27	Thermo Pave Mark Ltr & Sym	SF	254	\$5.0000	\$1,270.00		
28	Thermo Pave Mark Line 4	FT	11177	\$0.6500	\$7,265.05		
29	Thermo Pave Mark Line 6	FT	1298	\$1.2500	\$1,622.50		
30	Thermo Pave Mark Line 12	FT	1180	\$2.5000	\$2,950.00		
31	Thermo Pave Mark Line 24	FT	358	\$5.0000	\$1,790.00		
32	HMA Driveway Pavement 3	SY	150	\$20.9000	\$3,135.00		
33	Drain & Utility Structure Adjust	EA	45	\$400.0000	\$18,000.00		
34	Drain & Utility Structure Recon	EA	5	\$1,600.0000	\$8,000.00		
35	Valve Boxes to be Adjusted	EA	5	\$250.0000	\$1,250.00		
36	Topsoil Furnish & Place 4	SY	1200	\$2.2500	\$2,700.00		
37	Seeding Class 1A	SY	1200	\$1.7200	\$2,064.00		
38	Erosion Control Blanket	SY	1200	\$5.0900	\$6,108.00		
39	PCC Driveway Pavement 6	SY	60	\$47.0000	\$2,820.00		
					Bidder's Total Proposal		\$1,244,054.50

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Lombard	DuPage	21-00000-01-GM	Various streets

CONTRACTOR CERTIFICATIONS

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

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

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

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

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 1 of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Lombard	DuPage	21-00000-01-GM	Various streets

SIGNATURES

(If an individual)

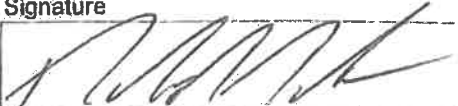
Signature of Bidder	Date	
Business Address		
City	State	Z p Code

(If a partnership)

Firm Name		
Signature	Date	
Title		
Business Address		
City	State	Z p Code

Insert the Names and Addresses of all Partners


(If a corporation)

Corporate Name		
R.W. Dunteman Company		
Signature	Date	
	06/08/2021	
Title		
President		
Business Address		
600 S. Lombard Road		
City	State	Z p Code
Addison	IL	60101

Insert Names of Officers

President
Roland W. Dunteman

Attest:


Secretary

Secretary

Jay Landgraf

Treasurer

Matthew Dunteman



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.

	1805	1831	1837	1905	
Contract Number	61D47	60Y38	61E06		
Contract With	IDOT	Kenny Const.	IDOT	CREATE	
Estimated Completion Date	3/22	8/20	110 WD	11/20	
Total Contract Price	20,364,790.00	6,630,409.00	8,525,281.00	4,511,112.00	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	6,605,000.00		452,000.00	455,000.00	7,512,000.00
Uncompleted Dollar Value if Firm is the Subcontractor		1,820,000.00			1,820,000.00
Total Value of All Work					9,332,000.00

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	600,000.00		0.00	25,000.00	625,000.00
Portland Cement Concrete Paving	1,000,000.00				1,000,000.00
HMA Plant Mix					0.00
HMA Paving	1,350,000.00	1,800,000.00	100,000.00		3,250,000.00
Clean & Seal Cracks/Joints					0.00
Aggregate Bases & Surfaces	600,000.00	0.00	0.00	25,000.00	625,000.00
Highway, R.R. and Waterway Structures					0.00
Drainage	50,000.00				50,000.00
Electrical					0.00
Cover and Seal Coats					0.00
Concrete Construction	400,000.00		20,000.00		420,000.00
Landscaping					0.00
Fencing					0.00
Guardrail					0.00
Painting					0.00
Signing					0.00
Cold Milling, Planing & Rotamilling		0.00	0.00		0.00
Demolition					0.00
Pavement Markings (Paint)					0.00
Other Construction (List)					0.00
					0.00
Mobilization	150,000.00	20,000.00	0.00	20,000.00	190,000.00
Totals	4,150,000.00	1,820,000.00	120,000.00	70,000.00	6,160,000.00

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.

	1805	1805	1837	1837	1905
Subcontractor					
Type of Work	Tree Removal	Fence	Tree Rem.	Traffic	Tree Removal
Subcontract Price	46,613.00	75,316.00	19,965.00	335,856.00	26,000.00
Amount Uncompleted	0.00	50,000.00	0.00	40,000.00	0.00
Subcontractor					
Type of Work	Traffic Control	Electrical	Concrete	LJS	Landscape
Subcontract Price	663,255.00	1,012,709.00	150,970.00	72,527.00	52,450.00
Amount Uncompleted	125,000.00	750,000.00	0.00	0.00	25,000.00
Subcontractor					
Type of Work	Survey	Bridge	Bridge	Pavt. Marking	Sewer
Subcontract Price	104,000.00	1,001,507.00	501,088.00	52,887.00	97,842.00
Amount Uncompleted	25,000.00	400,000.00	0.00	10,000.00	35,000.00
Subcontractor					
Type of Work	Pavt. Marking	Ground Improve	Sewer	Survey	Fence
Subcontract Price	116,601.00	1,259,000.00	1,856,363.00	65,000.00	83,494.00
Amount Uncompleted	75,000.00	300,000.00	0.00	5,000.00	75,000.00
Subcontractor					
Type of Work	Sewer	Rebar	Electrical	Non-Spl Waste	Noise Wall
Subcontract Price	3,403,976.00	67,234.00	976,942.00	5,880.00	1,597,127.00
Amount Uncompleted	450,000.00	25,000.00	200,000.00	0.00	250,000.00
Subcontractor					
Type of Work	Non-Spl Waste		Landscape	Sewer Clean	
Subcontract Price	17,800.00		195,189.00	4,200.00	
Amount Uncompleted	5,000.00		50,000.00	0.00	
Subcontractor					
Type of Work	Landscape		Guardrail		
Subcontract Price	300,105.00		67,432.00		
Amount Uncompleted	250,000.00		27,000.00		
Total Uncompleted		2,455,000.00		332,000.00	385,000.00

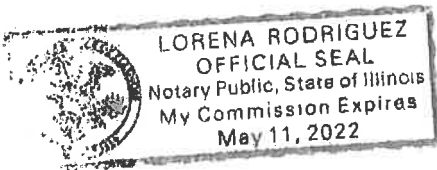
I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

March 26, 2021

Lorena Rodriguez
 Notary Public
 My commission expires: 5/11/2022

Type or Print Name **Jay Landgraf** Assistant Secretary
Officer or Director Title
 Signed *Jay Landgraf*
 Company **R.W. Dunteman Company**
 Address **600 S. Lombard Road**
Addison, IL 60101





Illinois Department of Transportation

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

Affidavit of Availability
For the Letting of 6/11/2021
(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.

	1938	1941			
Contract Number		62G42			
Contract With	Cook County	IDOT			
Estimated Completion Date	9/22	70 WD			
Total Contract Price	57,491,018.00	1,919,386.00			Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	30,449,841.00	1,358,740.00			39,320,581.00
Uncompleted Dollar Value if Firm is the Subcontractor					1,820,000.00
					41,140,581.00

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	4,500,000.00	100,000.00				5,226,000.00
Portland Cement Concrete Paving	4,300,000.00					5,300,000.00
HMA Plant Mix						0.00
HMA Paving	1,000,000.00	404,381.00				4,654,381.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	1,200,000.00					1,825,000.00
Highway, R.R. and Waterway Structures						0.00
Drainage						50,000.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	3,700,000.00	150,000.00				4,270,000.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	12,587.00	136,252.00				148,839.00
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)		25,000.00				25,000.00
						0.00
Mobilization	1,800,000.00	60,000.00				2,050,000.00
Totals	18,512,587.00	875,633.00	0.00	0.00	0.00	23,548,220.00

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.

	1938	1938	1941	1941		
Subcontractor						
Type of Work	Bridge	Pvt. Marking	Bridge	Sewer Cleaning		
Subcontract Price	8,047,544.00	187,262.00	130,277.00	25,025.00		
Amount Uncompleted	4,000,000.00	187,262.00	130,277.00	25,025.00		
Subcontractor						
Type of Work	Electrical	Survey	Electrical	Sewer		
Subcontract Price	6,947,141.00	338,000.00	70,552.00	461,149.00		
Amount Uncompleted	4,800,000.00	100,000.00	30,000.00	190,000.00		
Subcontractor						
Type of Work	Fence	Traffic Control	Fence	Pavt Marking		
Subcontract Price	1,506,242.00	2,681,277.00	45,134.00	11,206.00		
Amount Uncompleted	1,400,000.00	1,100,000.00	45,134.00	11,206.00		
Subcontractor						
Type of Work	Landscape	Tree Removal	Landscape	Survey		
Subcontract Price	1,473,000.00	115,840.00	4,064.00	2,000.00		
Amount Uncompleted	1,400,000.00	0.00	4,064.00	1,000.00		
Subcontractor						
Type of Work	Long. Jt. Seal	Video	LJS	Traffic Control		
Subcontract Price	109,992.00	4,200.00	20,051.00	23,864.00		
Amount Uncompleted	109,992.00	0.00	20,051.00	10,000.00		
Subcontractor						
Type of Work	Non Spl Waste		Non-Spl Waste	Tree Removal		
Subcontract Price	77,650.00		23,350.00	1,450.00		
Amount Uncompleted	40,000.00		13,350.00	0.00		
Subcontractor						
Type of Work	Sewer		Sawcutting			
Subcontract Price	8,377,195.00		5,333.00			
Amount Uncompleted	800,000.00		3,000.00			
Total Uncompleted		13,937,254.00		483,107.00		

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

March 26, 2021

[Signature]
 Notary Public
 Lorena Rodriguez

Type or Print Name **Jay Landgraf** Assistant Secretary

Officer or Director Title

Signed *[Signature]*

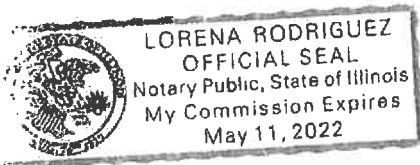
My commission expires: 5/11/2022

Company **R.W. Dunteman Company**

Address **600 S. Lombard Road**

Addison, IL 60101

(Notary Seal)





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

Affidavit of Availability
 For the Letting of 6/11/2021
 (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.

	2001	2002	2006		
Contract Number	62A26	61F36	61G18		
Contract With	IDOT	IDOT	IDOT		
Estimated Completion Date	6/21	11/20	145 WD		
Total Contract Price	5,247,344.00	10,557,782.00	4,921,983.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	3,789,339.00	1,556,597.00	1,446,260.00		48,112,777.00
Uncompleted Dollar Value if Firm is the Subcontractor					1,820,000.00
				Total Value of All Work	47,932,777.00

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	0.00	0.00	40,000.00		5,265,000.00
Portland Cement Concrete Paving					5,300,000.00
HMA Plant Mix					0.00
HMA Paving	1,342,907.00	50,000.00	200,000.00		6,247,288.00
Clean & Seal Cracks/Joints					0.00
Aggregate Bases & Surfaces	104,990.00	0.00	30,000.00		1,959,990.00
Highway, R.R. and Waterway Structures					0.00
Drainage					50,000.00
Electrical					0.00
Cover and Seal Coats					0.00
Concrete Construction	50,000.00	300,000.00	0.00		4,620,000.00
Landscaping					0.00
Fencing					0.00
Guardrail					0.00
Painting					0.00
Signing					0.00
Cold Milling, Planning & Rotomilling	150,000.00	0.00	0.00		298,839.00
Demolition					0.00
Pavement Markings (Paint)					0.00
Other Construction (List)			0.00		25,000.00
	30,000.00	100,000.00	0.00		130,000.00
Mobilization	200,000.00	140,000.00	50,000.00		2,440,000.00
Totals	1,877,897.00	590,000.00	320,000.00	0.00	26,336,117.00

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.

	2001	2001	2002	2002	2006	2006
Subcontractor						
Type of Work	Tree Removal	Landscape	Tree Removal	Masonry	Electrical	Traffic Control
Subcontract Price	3,078.00	86,989.00	7,069.00	303,132.00	1,001,096.00	173,288.00
Amount Uncompleted	0.00	86,989.00	0.00	50,000.00	820,000.00	40,000.00
Subcontractor						
Type of Work	Traffic Control	Fence	Signs	Long. Jt. Seal	Landscaping	Guardrail
Subcontract Price	347,618.00	69,560.00	40,911.00	23,566.00	103,805.00	83,050.00
Amount Uncompleted	200,000.00	69,560.00	0.00	0.00	103,805.00	83,050.00
Subcontractor						
Type of Work	Survey	Electrical	Traffic Control	Landscaping	LJS	Tree Removal
Subcontract Price	19,390.00	766,301.00	177,629.00	89,146.00	36,730.00	5,234.00
Amount Uncompleted	10,000.00	550,000.00	20,000.00	20,000.00	0.00	0.00
Subcontractor						
Type of Work	Pvt Marking	Concrete	Survey	Irrigation	Non-Spl Waste	
Subcontract Price	33,179.00	569,784.00	45,970.00	329,800.00	14,920.00	
Amount Uncompleted	33,179.00	500,000.00	4,500.00	50,000.00	0.00	
Subcontractor						
Type of Work	Sewer		Pvt. Marking	Electrical	Sewer	
Subcontract Price	852,009.00		22,097.00	2,159,042.00	338,939.00	
Amount Uncompleted	400,000.00		22,097.00	550,000.00	50,000.00	
Subcontractor						
Type of Work	Non Spl		Sewer	Brick Pavers	Pavt. Markings	
Subcontract Price	15,750.00		939,070.00	1,231,036.00	39,405.00	
Amount Uncompleted	15,750.00		0.00	250,000.00	39,405.00	
Subcontractor						
Type of Work	Long. Jt. Seal		Non Spl		Survey	
Subcontract Price	35,964.00		29,900.00		31,975.00	
Amount Uncompleted	35,964.00		0.00		10,000.00	
Total Uncompleted		1,911,442.00		966,597.00		1,126,260.00

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

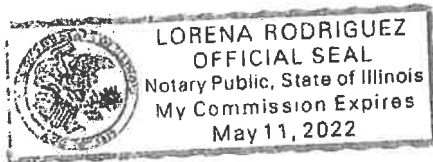
March 26, 2021


 Type or Print Name Jay Landgraf Assistant Secretary
Officer or Director Title
 Notary Public Lorena Rodriguez Signed 

My commission expires: 6/11/2022

(Notary Seal)

Company R.W. Dunteman Company
 Address 600 S. Lombard Road
Addison, IL 60101





Illinois Department of Transportation

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

Affidavit of Availability
For the Letting of 6/11/2021
(Letting date)

Part I. Work Under Contract

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.

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.

	2014	2017	2019	2024	
Contract Number	61G20	61G64	60V06	61G77	
Contract With	IDOT	IDOT	IDOT	IDOT	
Estimated Completion Date	190 WD	50 WD	70 WD	25 WD	
Total Contract Price	9,776,015.00	773,338.00	1,738,699.00	356,564.00	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	9,676,654.00	512,491.00	1,738,699.00	336,193.00	58,375,814.00
Uncompleted Dollar Value if Firm is the Subcontractor					1,820,000.00
Total Value of All Work					60,195,814.00

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.

	2014	2017	2019	2024	Accumulated Totals
Earthwork	438,300.00	60,000.00		15,176.00	5,778,476.00
Portland Cement Concrete Paving					5,300,000.00
HMA Plant Mix					0.00
HMA Paving	1,425,387.00	150,000.00		24,923.00	7,847,598.00
Clean & Seal Cracks/Joints					0.00
Aggregate Bases & Surfaces	358,612.00	80,000.00		966.00	2,399,588.00
Highway, R.R. and Waterway Structures					0.00
Drainage					50,000.00
Electrical					0.00
Cover and Seal Coats					0.00
Concrete Construction	919,870.00	44,862.00	266,023.00	51,271.00	5,902,126.00
Landscaping					0.00
Fencing					0.00
Guardrail					0.00
Painting					0.00
Signing					0.00
Cold Milling, Planning & Rotomilling	526,709.00			5,119.00	830,667.00
Demolition					0.00
Pavement Markings (Paint)					0.00
Other Construction (List)			734,927.00	54,641.00	814,568.00
	661,281.00			17,049.00	808,330.00
Mobilization	750,000.00	40,000.00	167,039.00	40,000.00	3,437,039.00
Totals	5,080,158.00	374,862.00	1,167,989.00	209,145.00	33,168,372.00

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Part III. Work Subcontracted to Others

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

	2014	2014	2017	2019	2024
Subcontractor					
Type of Work	Electrical	Survey	Electrical	Electrical	Electrical
Subcontract Price	1,653,208.00	40,000.00	28,749.00	71,536.00	36,453.00
Amount Uncompleted	1,600,000.00	40,000.00	28,749.00	71,536.00	36,453.00
Subcontractor					
Type of Work	Fence	Traffic	Landscape	Grinding	Signs
Subcontract Price	22,007.00	380,545.00	82,219.00	107,696.00	20,150.00
Amount Uncompleted	22,007.00	380,545.00	75,000.00	107,696.00	20,150.00
Subcontractor					
Type of Work	Landscaping	Tree Removal	Sewer	Landscaping	Landscaping
Subcontract Price	142,227.00	17,455.00	33,949.00	10,212.00	5,000.00
Amount Uncompleted	142,227.00	17,455.00	20,000.00	10,212.00	5,000.00
Subcontractor					
Type of Work	LJS		Pavt. Marking	Non-Spl Waste	Non-Spl Waste
Subcontract Price	82,049.00		3,780.00	900.00	11,610.00
Amount Uncompleted	82,049.00		3,780.00	900.00	11,610.00
Subcontractor					
Type of Work	Non-Spl Waste		Traffic Control	Sewer	Sewer
Subcontract Price	70,130.00		15,971.00	97,200.00	40,920.00
Amount Uncompleted	70,130.00		10,000.00	97,200.00	40,920.00
Subcontractor					
Type of Work	Sewer		Tree Removal	Pavt. Marking	Pavt. Marking
Subcontract Price	2,171,049.00		2,594.00	158,110.00	7,133.00
Amount Uncompleted	2,171,049.00		0.00	158,110.00	7,133.00
Subcontractor					
Type of Work	Pavt. Marking		Precon Video	Traffic Control	Traffic Control
Subcontract Price	70,033.00		3,175.00	124,056.00	5,782.00
Amount Uncompleted	70,033.00		0.00	124,056.00	5,782.00
Total Uncompleted		4,595,495.00	137,529.00	570,710.00	127,048.00

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 or 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

March 15, 2021

[Signature]
 Notary Public Lorena Rodriguez

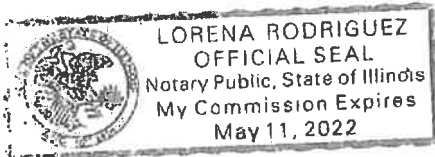
Type of Contract Name Jay Landgraf Assistant Secretary
Officer or Director Title

My commission expires: 5/11/2022

Signed *[Signature]*

(Notary Seal)

Company R.W. Dunteman Company
 Address 600 S. Lombard Road
Addison, IL 60101





Illinois Department of Transportation

Division
 2000 South Dirksen Parkway/Room 322
 Springfield, Illinois 62764

**Affidavit of Availability
 For the Letting of 6/11/2021**

(Letting date)

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will be issued unless both sides of this form are completed in detail. Use additional forms as needed to complete 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.

	2101	2102	2103	2104	2105	
Contract Number	62L26	61G62				
Contract With	IDOT	John Burns	C&C Contractors	Downers Grove	Village of Brookfield	
Estimated Completion Date	60 WD	20 WD	6/22	10/21	8/21	
Total Contract Price	1,944,316.00	52,929.00	5,888,594.00	4,464,000.00	2,923,000.00	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	1,944,316.00		5,888,594.00	4,464,000.00	2,923,000.00	73,595,724.00
Uncompleted Dollar Value if Firm is the Subcontractor		52,929.00				1,872,928.00
Total Value of All Work						75,468,653.00

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.

	2101	2102	2103	2104	2105	Accumulated Totals
Earthwork	22,000.00	0.00	1,578,239.00	303,433.00	290,528.00	7,972,674.00
Portland Cement Concrete Paving						5,300,000.00
HMA Plant Mix						0.00
HMA Paving	1,041,084.00	52,929.00	949,521.00	2,036,565.00	384,350.00	12,322,047.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces			763,810.00	39,539.00	15,210.00	3,218,127.00
Highway, R.R. and Waterway Structures						0.00
Drainage						50,000.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction			936,307.00	897,581.00	915,824.00	8,651,838.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	195,058.00		232,947.00	448,868.00	77,741.00	1,785,281.00
Demolition						0.00
Pavement Markings (Paint)						0.00
Office / Trailers	43,900.00					858,468.00
						808,330.00
Mobilization	144,870.00			103,774.00	44,415.00	3,730,098.00
Totals	1,446,912.00	52,929.00	4,460,824.00	3,829,760.00	1,738,066.00	44,696,883.00

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.

	2101	2101	2103	2104	2105
Subcontractor					
Type of Work	Concrete	Sewer	Sewer	Electrical	Electrical
Subcontract Price	133,696.00	75,100.00	895,901.00	3,382.00	2,210.00
Amount Uncompleted	133,696.00	75,100.00	895,901.00	3,382.00	2,210.00
Subcontractor					
Type of Work	Electrical	Pave. Marking	Underdrains	Landscaping	Landscaping
Subcontract Price	52,854.00	44,516.00	518,587.00	207,159.00	135,386.00
Amount Uncompleted	52,854.00	44,516.00	518,587.00	207,159.00	138,386.00
Subcontractor					
Type of Work	Fence	Traffic Control	Pavement Markings	Long. Jt. Seal	Tree Removal
Subcontract Price	5,325.00	27,923.00	13,272.00	92,448.00	39,941.00
Amount Uncompleted	5,325.00	27,923.00	13,272.00	92,448.00	39,941.00
Subcontractor					
Type of Work	Landscaping	Tree Removal		Sewer	Sewer
Subcontract Price	20,118.00	19,616.00		227,425.00	990,669.00
Amount Uncompleted	20,118.00	19,616.00		227,425.00	990,669.00
Subcontractor					
Type of Work	Long. Joint Seal	Survey		Pavement Markings	Pavement Markings
Subcontract Price	77,258.00	5,000.00		63,256.00	9,528.00
Amount Uncompleted	77,258.00	5,000.00		63,256.00	9,528.00
Subcontractor					
Type of Work	Non Spl. Waste			Survey	Traffic Control
Subcontract Price	14,050.00			19,995.00	7,200.00
Amount Uncompleted	14,050.00			19,995.00	7,200.00
Subcontractor					
Type of Work	Sewer Clean			Traffic Control	
Subcontract Price	21,950.00			20,575.00	
Amount Uncompleted	21,950.00			20,575.00	
Total Uncompleted		494,404.00	1,427,770.00	634,240.00	1,184,934.00

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

March 26, 2021

Notary Public

Lorena Rodriguez

My commission expires: 5/11/2022

Type or Print Name **Jay Landgraf**

Assistant Secretary

Officer or Director

Title

Signed

Company

Address

R.W. Dunteman Company

600 S. Lombard Road

Addison, IL 60101

(Notary Seal)





2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

(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.

	2108	2109	2110	2111	
Contract Number		62H61		61G96	
Contract With	Westmont	Herlihy	Cook County	IDOT	
Estimated Completion Date	6/22	10/22	10/24	11/21	
Total Contract Price	577,000.00	497,713.00	34,472,832.00	1,793,189.00	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	577,000.00		34,472,832.00	1,793,189.00	110,438,745.00
Uncompleted Dollar Value if Firm is the Subcontractor		497,713.00			2,370,642.00
				Total Value of All Work	112,809,387.00

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	61,516.00	208,632.00	2,638,441.00	122,380.00	11,003,643.00
Portland Cement Concrete Paving	104,512.00		1,262,950.00		6,667,462.00
HMA Plant Mix					0.00
HMA Paving	9,095.00	195,281.00	1,564,492.00	137,081.00	14,227,996.00
Clean & Seal Cracks/Joints					0.00
Aggregate Bases & Surfaces	63,784.00	69,700.00	1,340,509.00	33,719.00	4,725,839.00
Highway,R.R. and Waterway Structures			1,475,512.00		1,475,512.00
Drainage					50,000.00
Electrical					0.00
Cover and Seal Coats					0.00
Concrete Construction	58,365.00		1,410,811.00	301,083.00	10,422,097.00
Landscaping					0.00
Fencing					0.00
Guardrail					0.00
Painting					0.00
Signing					0.00
Cold Milling, Planning & Rotomilling	2,366.00		111,190.00	32,344.00	1,931,181.00
Demolition					0.00
Pavement Markings (Paint)					0.00
Other Construction (List)	25,000.00		1,820,160.00	16,564.00	2,720,182.00
Landscape					808,330.00
Mobilization	45,573.00	24,100.00	4,637,828.00	132,911.00	8,570,510.00
Totals	370,211.00	497,713.00	16,261,893.00	776,082.00	0.00
					62,602,762.00

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

	2108	2110	2110	2110	2111	2111
Subcontractor						
Type of Work	Brick Pavers	Rebar	Landscaping	Pavement Marking	Brick Pavers	Pavement Marking
Subcontract Price	133,036.00	270,326.00	356,730.00	141,837.00	166,791.00	6,948.00
Amount Uncompleted	133,036.00	270,326.00	356,730.00	141,837.00	166,791.00	6,948.00
Subcontractor						
Type of Work	Landscaping	Steel Erection	Non Special	Survey	Electrical	Survey
Subcontract Price	3,214.00	515,800.00	320,100.00	150,000.00	354,729.00	16,900.00
Amount Uncompleted	3,214.00	515,800.00	320,100.00	150,000.00	354,729.00	16,900.00
Subcontractor						
Type of Work	Sewer	Bridge	Bridge Painting	Traffic Control	Fence	Traffic Control
Subcontract Price	52,734.00	3,312,282.00	50,000.00	843,124.00	88,530.00	19,429.00
Amount Uncompleted	52,734.00	3,312,282.00	50,000.00	843,124.00	88,530.00	19,429.00
Subcontractor						
Type of Work	Survey	Demolition	Steel Piling	Tree Removal	Landscaping	
Subcontract Price	9,495.00	559,553.00	808,570.00	5,088.00	50,410.00	
Amount Uncompleted	9,495.00	559,553.00	808,570.00	5,088.00	50,410.00	
Subcontractor						
Type of Work	Traffic Control	Electrical	Sewer		Masonry	
Subcontract Price	5,000.00	2,628,957.00	7,487,579.00		51,030.00	
Amount Uncompleted	5,000.00	2,628,957.00	7,487,579.00		51,030.00	
Subcontractor						
Type of Work	Tree Removal	Fence	Sewer Cleaning		Non Special	
Subcontract Price	2,435.00	414,485.00	217,100.00		21,740.00	
Amount Uncompleted	2,435.00	414,485.00	217,100.00		21,740.00	
Subcontractor						
Type of Work	Video	Deck Grooving	Signs		Sewer	
Subcontract Price	875.00	11,539.00	117,869.00		240,600.00	
Amount Uncompleted	875.00	11,539.00	117,869.00		240,600.00	
Total Uncompleted	206,789.00			18,210,939.00		1,017,107.00

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

June 11, 2021

Type or Print Name Jay Landgraf

Assistant Secretary Assistant Secretary

Officer or Director

Title

Title

Notary Public Lorena Rodriguez

Signed Jay Landgraf

My commission expires: 5/11/2022

Company R.W. Dunteman Company

Address 600 S. Lombard Road
Addison, IL 60101

(Notary Seal)



(Letting date)

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

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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.

	2112	2113	2114	2115	2116	
Contract Number	66B52			81G91		
Contract With	IDOT	UPRR	UPRR	H & H	Glen Ellyn	
Estimated Completion Date	100 WD	11/21	10/21	40 WD	11/21	
Total Contract Price	2,442,377.00	2,388,500.00	618,900.00	60,870.00	1,624,277.00	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	2,442,377.00	2,388,500.00	618,900.00		1,624,277.00	117,513,799.00
Uncompleted Dollar Value if Firm is the Subcontractor				60,870.00		2,431,512.00
				Total Value of All Work		119,945,311.00

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	158,311.00	63,704.00	36,309.00	9,250.00	47,313.00	11,318,530.00
Portland Cement Concrete Paving	461,379.00	80,511.00	73,573.00			7,262,925.00
HMA Plant Mix						0.00
HMA Paving	305,440.00		51,382.00	2,650.00	646,710.00	15,234,178.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	159,434.00	27,658.00	35,014.00	6,336.00	17,611.00	4,971,890.00
Highway, R.R. and Waterway Structures						1,475,512.00
Drainage		176,243.00				226,243.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	228,943.00	22,944.00	55,119.00	32,194.00	498,429.00	11,259,728.00
Landscaping		31,000.00				31,000.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	97,959.00		5,336.00		131,331.00	2,165,807.00
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)	37,800.00					2,757,992.00
Non-Spl Waste Haul	86,990.00			10,440.00		905,760.00
Mobilization	142,241.00	477,442.00	79,821.00		118,000.00	9,388,114.00
Totals	1,678,497.00	859,500.00	338,654.00	60,870.00	1,469,394.00	68,997,677.00

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

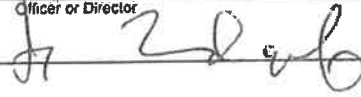
For each contract described in Part I, list all the work you have subcontracted to others.

	2112	2112	2113	2114	2116
Subcontractor					
Type of Work	Electrical	Traffic Control	Traffic Control	Fence	Landscaping
Subcontract Price	168,432.00	166,638.00	27,000.00	227,377.00	69,829.00
Amount Uncompleted	168,432.00	166,638.00	27,000.00	227,377.00	69,829.00
Subcontractor					
Type of Work	Landscaping		Dewatering	Landscaping	Sewer
Subcontract Price	84,493.00		507,000.00	14,828.00	68,535.00
Amount Uncompleted	84,493.00		507,000.00	14,828.00	68,535.00
Subcontractor					
Type of Work	Long Jt Seal		Survey	Sewer	Pavement Marking
Subcontract Price	5,982.00		31,000.00	17,648.00	6,519.00
Amount Uncompleted	5,982.00		31,000.00	17,648.00	6,519.00
Subcontractor					
Type of Work	Non Special		Sewer	Pavement Marking	Survey
Subcontract Price	27,750.00		964,000.00	9,893.00	5,000.00
Amount Uncompleted	27,750.00		964,000.00	9,893.00	5,000.00
Subcontractor					
Type of Work	Sewer			Traffic Control	Traffic Control
Subcontract Price	200,076.00			13,500.00	9,900.00
Amount Uncompleted	200,076.00			13,500.00	9,900.00
Subcontractor					
Type of Work	Pavement Marking				Tree Removal
Subcontract Price	51,309.00				2,100.00
Amount Uncompleted	51,309.00				2,100.00
Subcontractor					
Type of Work	Survey				Video
Subcontract Price	59,200.00				3,000.00
Amount Uncompleted	59,200.00				3,000.00
Total Uncompleted		763,880.00	1,529,000.00	283,246.00	164,883.00

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

June 1, 2021

 Notary Public Lorena Rodriguez
 My commission expires: 5/11/2022

Type or Print Name **Jay Landgraf** Assistant Secretary
Officer or Director Title
 Signed 
 Company **R.W. Dunteman Company**
 Address **600 S. Lombard Road**
Addison, IL 60101

(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 6/11/2021
(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.

Contract Number	2117				
Contract With	Romeoville				
Estimated Completion Date	10/21				
Total Contract Price	518,131.00				Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	518,131.00				118,031,930.00
Uncompleted Dollar Value if Firm is the Subcontractor					2,431,512.00
Total Value of All Work					120,463,442.00

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	85,220.00					11,403,750.00
Portland Cement Concrete Paving						7,262,925.00
HMA Plant Mix						0.00
HMA Paving	96,878.00					15,331,058.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	71,061.00					5,042,951.00
Highway,R.R. and Waterway Structures						1,475,512.00
Drainage						226,243.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	105,340.00					11,365,066.00
Landscaping						31,000.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	12,425.00					2,178,232.00
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List) Office						2,757,892.00
Traffic Control / Flagging						905,760.00
Mobilization	36,000.00					9,424,114.00
Totals	406,924.00	0.00	0.00	0.00	0.00	87,404,601.00

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.

2117					
Subcontractor					
Type of Work	Landscaping				
Subcontract Price	27,672.00				
Amount Uncompleted	27,672.00				
Subcontractor					
Type of Work	Sewer				
Subcontract Price	73,800.00				
Amount Uncompleted	73,800.00				
Subcontractor					
Type of Work	Pavement Marking				
Subcontract Price	3,095.00				
Amount Uncompleted	3,095.00				
Subcontractor					
Type of Work	Traffic Control				
Subcontract Price	4,940.00				
Amount Uncompleted	4,940.00				
Subcontractor					
Type of Work	Tree Removal				
Subcontract Price	1,800.00				
Amount Uncompleted	1,800.00				
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	111,207.00				

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 on

June 14, 2021

Type or Print Name

Jay Landgraf

Assistant Secretary

Officer or Director

Title

Notary Public

Lorena Rodriguez

Signed

My commission expires: 5/11/2022

Company

R.W. Dunteman Company

Address

600 S. Lombard Road
Addison, IL 60101

(Notary Seal)





Local Public Agency	County	Street Name/Road Name	Section Number
Village of Lombard	DuPage	Various streets	21-00000-01-GM

All contractors are required to complete the following certification

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

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

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

Operating Engineer's Local 150
 Chicagoland Laborer's Training & Apprenticeship Program
 DuPage County Cement Mason's Local 803 Joint Apprenticeship

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

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

Bidder	Signature	Date
R.W. Dunteman Company		06/08/2021
Title		
President		
Address	City	State Zip Code
600 S. Lombard Road	Addison	IL 60101



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Lombard	DuPage	Various streets	21-00000-01-GM

I, Roland W. Dunteman of Addison, Illinois,
Name of Affiant City of Affiant State of Affiant

being first duly sworn upon oath, state as follows:

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

Signature	Date
	06/08/2021
Print Name of Affiant	
Roland W. Dunteman	

Notary Public

State of IL

County DuPage

Signed (or subscribed or attested) before me on 06/08/2021 by
(date)

Roland W. Dunteman, authorized agent(s) of
(name/s of person/s)

R.W. Dunteman Company
Bidder



(SEAL)

Signature of Notary Public

My commission expires May 11, 2022

INVITATION FOR BIDS

RFB # 2021-101

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

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1. INTENT

It is the intent of the Village of Lombard ("Lombard") hereafter referred to as "Municipality", to bid the 2021 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 2021, pending approval by its corporate authority, and will complete these services by August 6, 2021. 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. Questions are requested prior to the Bid Opening and inquiries must be submitted **no later than 4:00 P.M. on JUNE 2, 2021.**

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

LOCATION OF PROJECT

The proposed work is officially known as “FY2021 Asphalt Paving and Patching Program”. The work will be performed on various streets throughout the Village of Lombard.

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. 08/20

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 through 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. 08/20

106.02 Unacceptable Materials. Add the following as a separate, final Paragraph: The Village hereby reserves the right to approve or reject a proposed substitution for any article the Contractor wishes 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 10/20

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.

Maximum Gross Weight:	80,000 pounds
Maximum Gross Length:	
Tractor Trailer	65 feet
Truck Trailer	60 feet
Truck Tractor Combined with Semitrailer	65 feet
Maximum Gross Width:	8 feet 6 inches
Maximum Gross Height:	13 feet 6 inches
Maximum Single Axle Weight Limit	20,000 pounds
Maximum Axle Tandem Weight Limit	34,000 pounds

Such equipment owned and operated by a private contractor used in the construction of projects for the Village of Lombard requires a permit and is subject to normal permit fees and fines. The Village Code may be found at

<http://lombard.legistar.com/View.ashx?M=F&ID=8825587&GUID=7C80C5A3-0B44-4503-81B5-D389CABE0834>

The Contractor must be familiar with this Code, which is strictly enforced. Offenders will be subject to fine, arrest and prosecution.

The Lombard Police Department is using an online-based permitting system via the website, www.oxcartpermits.com. Contractors applying for an overweight/oversize permit will need to use the Oxcart permitting website and set up an account.

Visit <http://www.villageoflombard.org/296/Other-Permits> and <http://www.villageoflombard.org/DocumentCenter/View/159/Village-Truck-Routes-PDF?bidId> regarding enforcement and truck routes. If you have any questions regarding these permits, please contact Sergeant Joseph Menolascino of the Lombard Police Department at (630) 873-4497 or by email at 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 alternative to conduct the 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 need to set-up an online account by utilizing the following web address: <http://www.villageoflombard.org/451/Water-Fill-Station>. Allow a minimum of one business day for the request to be processed. Once the process is approved the Contractor will need to identify the vehicle(s), the driver(s), plate number(s) and the capacity of the vehicle(s). The Contractor will also need to establish a four-digit access number and a four-digit PIN (Personal Identification Number). Based on the amount of watering and supplemental watering calculated per the relevant articles of the contract document, the Contractor will be allotted 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 **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 least one business week before paving, the Contractor shall inform the Engineer as to the amount of water that is projected to be necessary to perform the contracted work. The Contractor will need to set-up an online account by utilizing the following web address: <http://www.villageoflombard.org/451/Water-Fill-Station>. Allow a minimum of one business day for the request to be processed. Once the request is approved the Contractor will need to identify the vehicle(s), the driver(s), plate number(s) and the capacity of the vehicle(s). The Contractor will also need to establish a four-digit access number and a four-digit PIN (Personal Identification Number). The Contractor shall be given an agreed stipend amount of water at no charge. Requests for additional water are subject to the review of the Engineer. The Engineer will review the usage and determine if and how much additional water will be dispensed at no charge to the Contractor.

For questions or clarifications about the registration process and/or usage of the fill station contact, Brian Jack, Utilities Superintendent, or Shaun Stillwell, Water/Sewer Supervisor at the Department of Public Works at (630) 620-5740

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.

107.30 Contractor's Responsibility for Work. Add the following as a separate Paragraph after the existing first Paragraph: The Contractor is required to maintain all work including but not limited to; roadway, driveway, sidewalk, lighting, traffic signals, landscaping, water and sewer mains and structures until final acceptance by the Engineer. The Engineer will determine what constitutes acceptable maintenance. Any defaced work shall be corrected or replaced by the Contractor at its sole expense prior to final payment. The Village will cooperate with the Contractor to minimize vandalism, but the Contractor is ultimately responsible for any damages. After new water service lines have been installed, the Contractor shall be responsible for locating said service lines for the duration of the project. The Village will not locate service lines placed by the Contractor for the duration of the project. The Contractor, at its own expense, shall repair any damage to any service line installed under the contract which was damaged as a result of the Contractor's failure to properly locate the service lines to the satisfaction of the Engineer.

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.

The Contractor 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 dust control watering allotted per the bid schedule of quantities, 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.

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 subcontractor 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
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
www.welchbrothers.com

ADA Solutions, Inc.

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

Local Retailers:

McCann Industries, Inc

543 S. Rohlwing Road
Addison, IL 60101
Phone: (630) 627-0000
Fax: (630) 627-8711
sales@mccannonline.com
www.mccannonline.com

TufTile, Inc.

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

Neenah Enterprises, Inc.

2121 Brooks Avenue
Neenah, WI 54956
Phone: (800) 558-5075
Fax: (920) 729-3661
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

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, 2021

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 1-1-21)

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LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

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Local Public Agency

County

Section Number

Village of Lombard

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21-00000-01-GM

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

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Local Public Agency

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Village of Lombard

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21-00000-01-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.

[Empty rectangular box for special provisions text]

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.”

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

Use	Mixture	Aggregates Allowed								
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 or IL-9.5L SMA Ndesign 50 Surface	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}								
HMA High ESAL	D Surface and Binder IL-9.5 SMA Ndesign 50 Surface	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone (other than Limestone) ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/} <u>Other Combinations Allowed:</u> <table border="1" data-bbox="683 1083 1292 1419"> <thead> <tr> <th data-bbox="683 1083 1000 1136"><i>Up to...</i></th> <th data-bbox="1000 1083 1292 1136"><i>With...</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="683 1136 1000 1188">25% Limestone</td> <td data-bbox="1000 1136 1292 1188">Dolomite</td> </tr> <tr> <td data-bbox="683 1188 1000 1304">50% Limestone</td> <td data-bbox="1000 1188 1292 1304">Any Mixture D aggregate other than Dolomite</td> </tr> <tr> <td data-bbox="683 1304 1000 1419">75% Limestone</td> <td data-bbox="1000 1304 1292 1419">Crushed Slag (ACBF) or Crushed Sandstone</td> </tr> </tbody> </table>	<i>Up to...</i>	<i>With...</i>	25% Limestone	Dolomite	50% Limestone	Any Mixture D aggregate other than Dolomite	75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone
<i>Up to...</i>	<i>With...</i>									
25% Limestone	Dolomite									
50% Limestone	Any Mixture D aggregate other than Dolomite									
75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone									
HMA High ESAL	E Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone. <u>Other Combinations Allowed:</u> <table border="1" data-bbox="683 1776 1292 1856"> <thead> <tr> <th data-bbox="683 1776 1000 1856"><i>Up to...</i></th> <th data-bbox="1000 1776 1292 1856"><i>With...</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="683 1776 1000 1856"></td> <td data-bbox="1000 1776 1292 1856"></td> </tr> </tbody> </table>	<i>Up to...</i>	<i>With...</i>						
<i>Up to...</i>	<i>With...</i>									

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

- 1/ Crushed steel slag allowed in shoulder surface only.
- 2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80. 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 ± 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 (BDE)

Effective: November 1, 2012

Revised: January 2, 2021

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 produced by cold milling or crushing an existing hot-mix asphalt (HMA) pavement. 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). RAS is the material produced 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 by weight of RAS, as defined in the Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources". RAS shall come from a facility source on the Department's "Qualified Producer List of Certified Sources for Reclaimed Asphalt Shingles" where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 93 percent passing the #4 (4.75 mm) sieve based on a dry shake gradation. RAS shall be uniform in gradation and asphalt binder content and 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 RAP stockpiles meeting one of the following definitions. Stockpiles shall be sufficiently separated to prevent intermingling at the base. Stockpiles shall be identified by signs indicating the type as listed below (i.e. "Homogeneous Surface").

Prior to milling, the Contractor shall request the Department provide documentation on the quality of the RAP to clarify the appropriate stockpile.

- (1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) 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. FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the No. 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) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered "homogeneous" with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.
- (3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) 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. Conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag.
- (4) Conglomerate "D" Quality (Conglomerate DQ). Conglomerate DQ RAP stockpiles shall be according to Articles 1031.02(a)(1)-1031.02(a)(3), except they may also consist of RAP from HMA shoulders, bituminous stabilized subbases, or HMA (High or Low ESAL) 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.
- (5) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP/FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, non-bituminous surface treatment (i.e. high friction surface treatments), 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 not be intermingled. Each stockpile shall be signed indicating what type of RAS is present.

Unless otherwise specified by the Engineer, mechanically blending manufactured sand (FM 20 or FM 22) or fine FRAP up to an equal weight of RAS with the processed RAS will be permitted to improve workability. The sand shall be B quality or better from an

approved Aggregate Gradation Control System source. The sand shall be 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.

Additional processed RAP/FRAP/RAS shall be stockpiled in a separate working pile, as designated in the QC Plan, and only added to the original stockpile after the test results for the working pile are found to meet the requirements specified in Articles 1031.03 and 1031.04.

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

- (a) RAP/FRAP Testing. When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.
 - (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 2,000 tons (1,800 metric tons) and one sample per 2,000 tons (1,800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4,000 tons (3,600 metric tons).
 - (2) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the Department 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.

Each sample shall be split to obtain two equal 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 perform a washed extraction on the other test sample according to Illinois Modified AASHTO T 164. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

- (b) RAS Testing. RAS or RAS blended with manufactured sand shall be sampled and tested during stockpiling according to the Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Source".

Samples shall be collected during stockpiling at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1,000 tons (900 metric tons) and one sample per 500 tons (450 metric tons) or a minimum of once per week, whichever is more frequent, thereafter. A minimum of five samples are required for stockpiles less than 1,000 tons (900 metric tons).

Before testing, each sample shall be split to obtain two test samples. One of the two test samples from the final split shall be labeled and stored for Department use. The

Contractor shall perform a washed extraction and test for unacceptable materials on the other test sample according to Illinois Modified AASHTO T 164. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

The Contractor shall obtain and make available all of the test results from the start of the original stockpile.

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

- (a) Limits of Precision. The limits of precision between the Contractor's and the Department's split sample test results shall be according to the following.

Test Parameter	Limits of Precision		
	RAP	FRAP	RAS
% Passing			
1/2 in. (12.5 mm)	6.0 %	5.0 %	
# 4 (4.75 mm)	6.0 %	5.0 %	
# 8 (2.36 mm)	4.0 %	3.0 %	4.0 %
# 30 (600 μm)	3.0 %	2.0 %	4.0 %
# 200 (75 μm)	2.5 %	2.2 %	4.0 %
Asphalt Binder	0.4 %	0.3 %	3.0 %
G _{mm}	0.035	0.030	

If the test results are outside the above limits of precision, the Department will immediately investigate.

- (b) Evaluation of RAP/FRAP Test Results. All of the extraction results shall be compiled and averaged for asphalt binder content and gradation, and when applicable G_{mm}. Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	FRAP/Homogeneous/ Conglomerate
1 in. (25 mm)	
1/2 in. (12.5 mm)	± 8 %
# 4 (4.75 mm)	± 6 %
# 8 (2.36 mm)	± 5 %
# 16 (1.18 mm)	
# 30 (600 μm)	± 5 %
# 200 (75 μm)	± 2.0 %
Asphalt Binder	± 0.4 % ^{1/}
G _{mm}	± 0.03 ^{2/}

1/ The tolerance for FRAP shall be ± 0.3 percent.

- 2/ For stockpile with slag or steel slag present as determined in the current Manual of Test Procedures Appendix B 21, "Determination of Aggregate Bulk (Dry) Specific Gravity (Gsb) of Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)".

If more than 20 percent of the test results for an individual parameter (individual sieves, G_{mm} , and/or asphalt binder content) are out of the above tolerances, the RAP/FRAP shall not be used in HMA unless the RAP/FRAP representing the failing tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the Department for evaluation.

With the approval of the Engineer, the ignition oven may be substituted for solvent extractions according to the document "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)".

- (c) Evaluation of RAS and RAS Blended with Manufactured Sand or Fine FRAP 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. Individual test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAS
# 8 (2.36 mm)	± 5 %
# 16 (1.18 mm)	± 5 %
# 30 (600 µm)	± 4 %
# 200 (75 µm)	± 2.5 %
Asphalt Binder Content	± 2.0 %

If more than 20 percent of the test results for an individual parameter (individual sieves and/or asphalt binder content) are out of the above tolerances, or if the unacceptable material exceeds 0.5 percent by weight of material retained on the No. 4 (4.75 mm) sieve, the RAS or RAS blend shall not be used in Department projects. All test data and acceptance ranges shall be sent to the Department for evaluation.

1031.05 Quality Designation of Aggregate in RAP/FRAP.

- (a) RAP. The aggregate quality of the RAP for homogeneous, conglomerate, and conglomerate DQ 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 Class I binder, HMA (High ESAL) binder, or (Low ESAL) IL-19.0L binder mixtures are designated as containing Class C quality coarse aggregate.

(3) RAP from BAM 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. Coarse and fine FRAP stockpiles containing plus No. 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 sample to the District Office. Consultant laboratory services will be at no additional cost to the Department. 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.

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

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

- (1) Coarse Aggregate Size. The coarse aggregate in all RAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.
- (2) Steel Slag Stockpiles. Homogeneous RAP stockpiles containing steel slag will be approved for use in all HMA (High ESAL and Low ESAL) surface and binder mixture applications.
- (3) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better. FRAP from conglomerate stockpiles shall be considered equivalent to limestone for frictional considerations. Known frictional contributions from plus No. 4 (4.75 mm) homogeneous FRAP stockpiles will be accounted for in meeting frictional requirements in the specified mixture.
- (4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.
- (5) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, or conglomerate.

(6) When the Contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in Article 1031.06(c)(1) below for a given Ndesign.

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

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

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

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

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

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

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

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

IL-4.75	--	--	35
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- 1/ For Low ESAL HMA shoulder and stabilized subbase, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

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

- (a) RAP/FRAP and/or RAS. RAP/FRAP and/or RAS mix designs shall be submitted for verification. If additional RAP/FRAP and/or RAS stockpiles are tested and found that no more than 20 percent of the individual parameter test results, as defined in Article 1031.04, are outside of the control tolerances set for the original RAP/FRAP and/or RAS stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP and/or RAS stockpiles may be used in the original mix 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 bulk 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 RAP/FRAP and/or RAS shall be as follows.

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

If the RAP/FRAP and/or RAS control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP/FRAP and/or RAS and either switch to the virgin aggregate design or submit a new mix design.

- (a) RAP/FRAP. The coarse aggregate in all RAP/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

± 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) RAP/FRAP and/or RAS. HMA plants utilizing RAP/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 RAP/FRAP/RAS 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 RAP/FRAP/RAS material as a percent of the total mix to the nearest 0.1 percent.
- h. Aggregate and RAP/FRAP/RAS moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP/RAS are recorded in a wet condition.)
- i. A positive dust control system shall be utilized when the combined contribution of reclaimed material passing the No. 200 sieve exceeds 1.5 percent.

(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. RAP/FRAP/RAS weight to the nearest pound (kilogram).

- f. Virgin asphalt binder weight to the nearest pound (kilogram).
- g. Residual asphalt binder in the RAP/FRAP/RAS 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 Applications. RAP in aggregate applications shall be according to the Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications" and the following.

- (a) RAP in Aggregate Surface Course and Aggregate Wedge Shoulders, Type B. The use of RAP in aggregate surface course (temporary access entrances only) and aggregate wedge shoulders, Type B shall be as follows.
 - (1) 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.
 - (2) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted.
- (b) RAP in Aggregate Subgrade Improvement (ASI). RAP in ASI shall be according to Article 1031.06, except "Conglomerate DQ" and "Non-Quality" may be used."

STATUS OF UTILITIES (D-1)

Effective: June 1, 2016

Revised: January 1, 2020

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

UTILITIES TO BE ADJUSTED

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

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

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

Pre-Stage: _____ **Days Total Installation**

Stage 1: _____ **Days Total Installation**

Stage 2: _____ **Days Total Installation**

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

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

UTILITIES TO BE WATCHED AND PROTECTED

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

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER

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

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

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

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

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

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

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 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 unit 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

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BDE SPECIAL PROVISIONS

BDE SPECIAL PROVISIONS
For the April 23 and June 11, 2021 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	
80436	6	<input type="checkbox"/>	Blended Finely Divided Minerals	April 1, 2021	
80241	7	<input type="checkbox"/>	Bridge Demolition Debris	July 1, 2009	
50261	8	<input type="checkbox"/>	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481	9	<input type="checkbox"/>	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491	10	<input type="checkbox"/>	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50531	11	<input type="checkbox"/>	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
80425	12	<input type="checkbox"/>	Cape Seal	Jan. 1, 2020	Jan. 1, 2021
80384	13	<input checked="" type="checkbox"/>	Compensable Delay Costs	June 2, 2017	April 1, 2019
80198	14	<input type="checkbox"/>	Completion Date (via calendar days)	April 1, 2008	
80199	15	<input type="checkbox"/>	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80293	16	<input type="checkbox"/>	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
80311	17	<input type="checkbox"/>	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	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	
80434	20	<input type="checkbox"/>	Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
80029	21	<input type="checkbox"/>	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
80402	22	<input checked="" type="checkbox"/>	Disposal Fees	Nov. 1, 2018	
80378	23	<input type="checkbox"/>	Dowel Bar Inserter	Jan. 1, 2017	Jan. 1, 2018
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	
80229	27	<input type="checkbox"/>	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80417	28	<input type="checkbox"/>	Geotechnical Fabric for Pipe Underdrains and French Drains	Nov. 1, 2019	
80420	29	<input type="checkbox"/>	Geotextile Retaining Walls	Nov. 1, 2019	
80433	30	<input type="checkbox"/>	Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	
80304	31	<input type="checkbox"/>	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Nov. 1, 2020
80422	32	<input type="checkbox"/>	High Tension Cable Median Barrier	Jan. 1, 2020	Nov. 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)	Jan. 1, 2019	Jan. 2, 2021
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 checked="" 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	Nov. 1, 2020
80424	42	<input type="checkbox"/>	Micro-Surfacing and Slurry Sealing	Jan. 1, 2020	Jan. 1, 2021
80428	43	<input checked="" type="checkbox"/>	Mobilization	April 1, 2020	
80412	44	<input type="checkbox"/>	Obstruction Warning Luminaires, LED	Aug. 1, 2019	
80430	45	<input checked="" type="checkbox"/>	Portland Cement Concrete – Haul Time	July 1, 2020	
80359	46	<input type="checkbox"/>	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Nov. 1, 2019

80431	47	<input type="checkbox"/>	Portland Cement Concrete Pavement Patching	July 1, 2020	
80432	48	<input type="checkbox"/>	Portland Cement Concrete Pavement Placement	July 1, 2020	
80300	49	<input type="checkbox"/>	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
34261	50	<input type="checkbox"/>	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	51	<input type="checkbox"/>	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	52	<input type="checkbox"/>	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	Jan. 2, 2021
80407	53	<input type="checkbox"/>	Removal and Disposal of Regulated Substances	Jan. 1, 2019	Jan. 1, 2020
80419	54	<input type="checkbox"/>	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Nov. 1, 2019	April 1, 2020
80395	55	<input type="checkbox"/>	Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
80340	56	<input type="checkbox"/>	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
80127	57	<input type="checkbox"/>	Steel Cost Adjustment	April 2, 2004	Aug. 1, 2017
80408	58	<input type="checkbox"/>	Steel Plate Beam Guardrail Manufacturing	Jan. 1, 2019	
80413	59	<input type="checkbox"/>	Structural Timber	Aug. 1, 2019	
80397	60	<input type="checkbox"/>	Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	61	<input checked="" type="checkbox"/>	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
* 80437	62	<input type="checkbox"/>	Submission of Payroll Records	April 1, 2021	
* 80435	63	<input type="checkbox"/>	Surface Testing of Pavements – IRI	Jan. 1, 2021	April 1, 2021
80298	64	<input type="checkbox"/>	Temporary Pavement Marking	April 1, 2012	April 1, 2017
80409	65	<input checked="" type="checkbox"/>	Traffic Control Devices - Cones	Jan. 1, 2019	
80410	66	<input type="checkbox"/>	Traffic Spotters	Jan. 1, 2019	
20338	67	<input type="checkbox"/>	Training Special Provisions	Oct. 15, 1975	
80318	68	<input type="checkbox"/>	Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
80429	69	<input type="checkbox"/>	Ultra-Thin Bonded Wearing Course	April 1, 2020	
80288	70	<input checked="" type="checkbox"/>	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	71	<input type="checkbox"/>	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80414	72	<input type="checkbox"/>	Wood Fence Sight Screen	Aug. 1, 2019	April 1, 2020
80427	73	<input checked="" type="checkbox"/>	Work Zone Traffic Control Devices	Mar. 2, 2020	
80071	74	<input type="checkbox"/>	Working Days	Jan. 1, 2002	

The following special provisions are in the 2021 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>
80277	Concrete Mix Design – Department Provided	Check Sheet #37	Jan. 1, 2012	April 1, 2016
80405	Elastomeric Bearings	Article 1083.01	Jan. 1, 2019	
80388	Equipment Parking and Storage	Article 701.11	Nov. 1, 2017	
80165	Moisture Cured Urethane Paint System	Article 1008.06	Nov. 1, 2006	Jan. 1, 2010
80349	Pavement Marking Blackout Tape	Articles 701.04, 701.19(f), 701.20(j) and 1095.06	Nov. 1, 2014	April 1, 2016
80371	Pavement Marking Removal	Articles 783.02-783.04, 783.06 and 1101.13	July 1, 2016	
80389	Portland Cement Concrete	Article 1020.04 Table 1 and Note 4	Nov. 1, 2017	
80403	Traffic Barrier Terminal, Type 1 Special	Articles 631.04 and 631.12	Nov. 1, 2018	

The following special provisions have been deleted from use.

<u>File Name</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80317	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	Aug. 1, 2019

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 ^{1/}	600-749	2002
	750 and up	2006
June 1, 2011 ^{2/}	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006
June 1, 2012 ^{2/}	50-99	2004
	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006

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

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

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

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

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

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

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

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

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

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

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

Diesel Retrofit Deficiency Deduction

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

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

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

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

80261

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 ^{1/}	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 ± 9 °F (190 ± 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 ± 1.0 °F (10.0 ± 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), % ^{1/}	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 [®]

MANHOLES, VALVE VAULTS, AND FLAT SLAB TOPS (BDE)

Effective: January 1, 2018
 Revised: March 1, 2019

Description. In addition to those manufactured according to the current standards included in this contract, manholes, valve vaults, and flat slab tops manufactured prior to March 1, 2019, according to the previous Highway Standards listed below will be accepted on this contract:

Product	Previous Standards		
Precast Manhole Type A, 4' (1.22 m) Diameter	602401-05	602401-04	602401-03
Precast Manhole Type A, 5' (1.52 m) Diameter	602402-01	602402	602401-03
Precast Manhole Type A, 6' (1.83 m) Diameter	602406-09	602406-08	602406-07
Precast Manhole Type A, 7' (2.13 m) Diameter	602411-07	602411-06	602411-05
Precast Manhole Type A, 8' (2.44 m) Diameter	602416-07	602416-06	602416-05
Precast Manhole Type A, 9' (2.74 m) Diameter	602421-07	602421-06	602421-05
Precast Manhole Type A, 10' (3.05 m) Diameter	602426-01	602426	
Precast Valve Vault Type A, 4' (1.22 m) Diameter	602501-04	602501-03	602501-02
Precast Valve Vault Type A, 5' (1.52 m) Diameter	602506-01	602506	602501-02
Precast Reinforced Concrete Flat Slab Top	602601-05	602601-04	

The following revisions to the Standard Specifications shall apply to manholes, valve vaults, and flat slab tops manufactured according to the current standards included in this contract:

Revise Article 602.02(g) of the Standard Specifications to read:

“(g) Structural Steel (Note 4)..... 1006.04

Note 4. All components of the manhole joint splice shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable.”

Add the following to Article 602.02 of the Standard Specifications:

“(s) Anchor Bolts and Rods (Note 5)..... 1006.09

Note 5. The threaded rods for the manhole joint splice shall be according to the requirements of ASTM F 1554, Grade 55, (Grade 380).”

Revise the second paragraph of Article 1042.10 of the Standard Specifications to read:

“Catch basin Types A, B, C, and D; Manhole Type A; Inlet Types A and B; Drainage Structures Types 1, 2, 3, 4, 5, and 6; Valve Vault Type A; and reinforced concrete flat slab top (Highway Standard 602601) shall be manufactured according to AASHTO M 199 (M 199M), except as shown on the plans. Additionally, catch basins, inlets, and drainage structures shall have a minimum concrete compressive strength of 4500 psi (31,000 kPa) at 28 days and manholes,

valve vaults, and reinforced concrete flat slab tops shall have a minimum concrete compressive strength of 5000 psi (34,500 kPa) at 28 days.”

80393

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 – HAUL TIME (BDE)

Effective: July 1, 2020

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

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

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

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

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

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

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.”

80409

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 ± 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.

80288

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports1106.02”

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."

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

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 3/15/2021

Trade Title	Rg	Type	C	Base	Foreman	Overtime					Pension	Vac	Trng	Other Ins
						M-F	Sa	Su	Hol	H/W				
ASBESTOS ABT-GEN	All	ALL		44.40	45.40	1.5	1.5	2.0	2.0	16.10	14.21	0.00	0.90	
ASBESTOS ABT-MEC	All	BLD		38.44	41.51	1.5	1.5	2.0	2.0	14.07	12.51	0.00	0.77	
BOILERMAKER	All	BLD		51.56	56.20	2.0	2.0	2.0	2.0	6.97	21.58	0.00	1.20	
BRICK MASON	All	BLD		47.56	52.32	1.5	1.5	2.0	2.0	11.20	20.51	0.00	0.97	
CARPENTER	All	ALL		49.76	51.76	1.5	1.5	2.0	2.0	11.79	23.34	0.00	0.73	
CEMENT MASON	All	ALL		47.00	49.00	2.0	1.5	2.0	2.0	15.75	19.73	0.00	1.00	
CERAMIC TILE FINISHER	All	BLD		41.80	41.80	1.5	1.5	2.0	2.0	11.25	13.41	0.00	0.88	
COMMUNICATION TECHNICIAN	All	BLD		34.25	37.05	1.5	1.5	2.0	2.0	12.60	23.04	2.75	0.68	0.10
ELECTRIC PWR EQMT OP	All	ALL		44.61	60.87	1.5	1.5	2.0	2.0	6.50	12.49	0.00	1.01	1.34
ELECTRIC PWR GRNDMAN	All	ALL		34.27	60.87	1.5	1.5	2.0	2.0	6.50	9.60	0.00	0.77	1.03
ELECTRIC PWR LINEMAN	All	ALL		53.63	60.87	1.5	1.5	2.0	2.0	6.50	15.02	0.00	1.21	1.61
ELECTRIC PWR TRK DRV	All	ALL		35.52	60.87	1.5	1.5	2.0	2.0	6.50	9.95	0.00	0.80	1.07
ELECTRICIAN	All	BLD		41.49	45.49	1.5	1.5	2.0	2.0	12.60	25.90	6.00	0.85	0.10
ELEVATOR CONSTRUCTOR	All	BLD		58.47	65.78	2.0	2.0	2.0	2.0	15.73	18.41	4.68	0.63	
FENCE ERECTOR	NE	ALL		44.42	46.42	1.5	1.5	2.0	2.0	13.68	15.40	0.00	0.65	
FENCE ERECTOR	W	ALL		47.99	51.83	2.0	2.0	2.0	2.0	13.06	24.15	0.00	1.03	
GLAZIER	All	BLD		46.35	47.85	1.5	2.0	2.0	2.0	14.79	22.67	0.00	1.26	
HEAT/FROST INSULATOR	All	BLD		51.25	54.33	1.5	1.5	2.0	2.0	14.07	14.26	0.00	0.77	
IRON WORKER	E	ALL		52.51	54.51	2.0	2.0	2.0	2.0	15.15	24.34	0.00	0.44	
IRON WORKER	W	ALL		47.99	51.83	2.0	2.0	2.0	2.0	13.06	24.15	0.00	1.03	
LABORER	All	ALL		44.40	45.15	1.5	1.5	2.0	2.0	16.10	14.21	0.00	0.90	
LATHER	All	ALL		49.76	51.76	1.5	1.5	2.0	2.0	11.79	23.34	0.00	0.73	
MACHINIST	All	BLD		49.68	52.18	1.5	1.5	2.0	2.0	7.93	8.95	1.85	1.47	
MARBLE FINISHER	All	ALL		35.73	49.05	1.5	1.5	2.0	2.0	11.20	18.71	0.00	0.87	
MARBLE MASON	All	BLD		46.71	51.38	1.5	1.5	2.0	2.0	11.20	19.98	0.00	0.95	
MATERIAL TESTER I	All	ALL		34.40		1.5	1.5	2.0	2.0	16.10	14.21	0.00	0.90	
MATERIALS TESTER II	All	ALL		39.40		1.5	1.5	2.0	2.0	16.10	14.21	0.00	0.90	
MILLWRIGHT	All	ALL		49.76	51.76	1.5	1.5	2.0	2.0	11.79	23.34	0.00	0.73	
OPERATING ENGINEER	All	BLD	1	52.10	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	BLD	2	50.80	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	BLD	3	48.25	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	

OPERATING ENGINEER	All	BLD	4	46.50	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	BLD	5	55.85	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	BLD	6	53.10	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	BLD	7	55.10	56.10	2.0	2.0	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	FLT		41.00	41.00	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	1	50.30	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	2	49.75	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	3	47.70	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	4	46.30	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	5	45.10	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	6	53.30	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	7	51.30	54.30	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
ORNAMENTAL IRON WORKER	E	ALL		51.63	54.13	2.0	2.0	2.0	2.0	14.23	22.25	0.00	1.25	
ORNAMENTAL IRON WORKER	W	ALL		47.99	51.83	2.0	2.0	2.0	2.0	13.06	24.15	0.00	1.03	
PAINTER	All	ALL		48.30	50.30	1.5	1.5	1.5	2.0	18.23	3.65	0.00	1.45	
PAINTER - SIGNS	All	BLD		40.74	45.75	1.5	1.5	2.0	2.0	3.04	3.90	0.00	0.00	
PILEDRIIVER	All	ALL		49.76	51.76	1.5	1.5	2.0	2.0	11.79	23.34	0.00	0.73	
PIPEFITTER	All	BLD		50.75	53.75	1.5	1.5	2.0	2.0	10.85	20.85	0.00	2.92	
PLASTERER	All	BLD		47.57	50.42	1.5	1.5	2.0	2.0	11.20	20.17	0.00	0.96	
PLUMBER	All	BLD		52.00	55.10	1.5	1.5	2.0	2.0	16.22	15.60	0.00	1.40	
ROOFER	All	BLD		45.75	49.75	1.5	1.5	2.0	2.0	11.23	13.61	0.00	0.91	
SHEETMETAL WORKER	All	BLD		50.33	52.85	1.5	1.5	2.0	2.0	11.00	18.46	0.00	1.29	2.39
SPRINKLER FITTER	All	BLD		51.75	54.50	1.5	1.5	2.0	2.0	13.90	17.00	0.00	0.75	
STEEL ERECTOR	E	ALL		52.51	54.51	2.0	2.0	2.0	2.0	15.15	24.34	0.00	0.44	
STEEL ERECTOR	W	ALL		47.99	51.83	2.0	2.0	2.0	2.0	13.06	24.15	0.00	1.03	
STONE MASON	All	BLD		47.56	52.32	1.5	1.5	2.0	2.0	11.20	20.51	0.00	0.97	
TERRAZZO FINISHER	All	BLD		43.54	43.54	1.5	1.5	2.0	2.0	11.25	15.61	0.00	0.90	
TERRAZZO MASON	All	BLD		47.38	50.88	1.5	1.5	2.0	2.0	11.25	17.07	0.00	0.94	
TILE MASON	All	BLD		48.75	52.75	1.5	1.5	2.0	2.0	11.25	16.90	0.00	0.95	
TRAFFIC SAFETY WORKER	All	HWY		36.75	38.35	1.5	1.5	2.0	2.0	7.95	8.20	0.00	0.75	
TRUCK DRIVER	All	ALL	1	39.27	39.82	1.5	1.5	2.0	2.0	9.88	12.80	0.00	0.15	
TRUCK DRIVER	All	ALL	2	39.42	39.82	1.5	1.5	2.0	2.0	9.88	12.80	0.00	0.15	
TRUCK DRIVER	All	ALL	3	39.62	39.82	1.5	1.5	2.0	2.0	9.88	12.80	0.00	0.15	
TRUCK DRIVER	All	ALL	4	39.82	39.82	1.5	1.5	2.0	2.0	9.88	12.80	0.00	0.15	
TUCKPOINTER	All	BLD		47.25	48.25	1.5	1.5	2.0	2.0	8.59	19.48	0.00	0.94	

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 Turntrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turntrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

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.

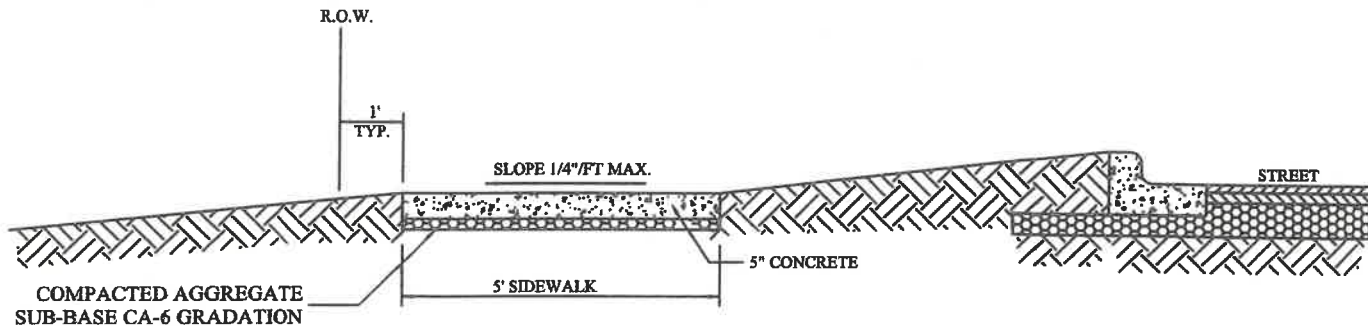
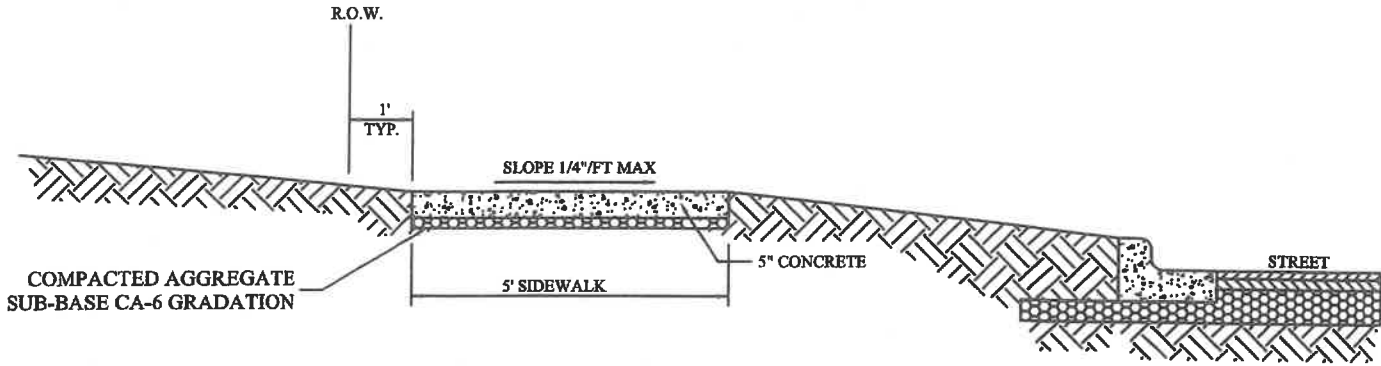
LANDSCAPING

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:

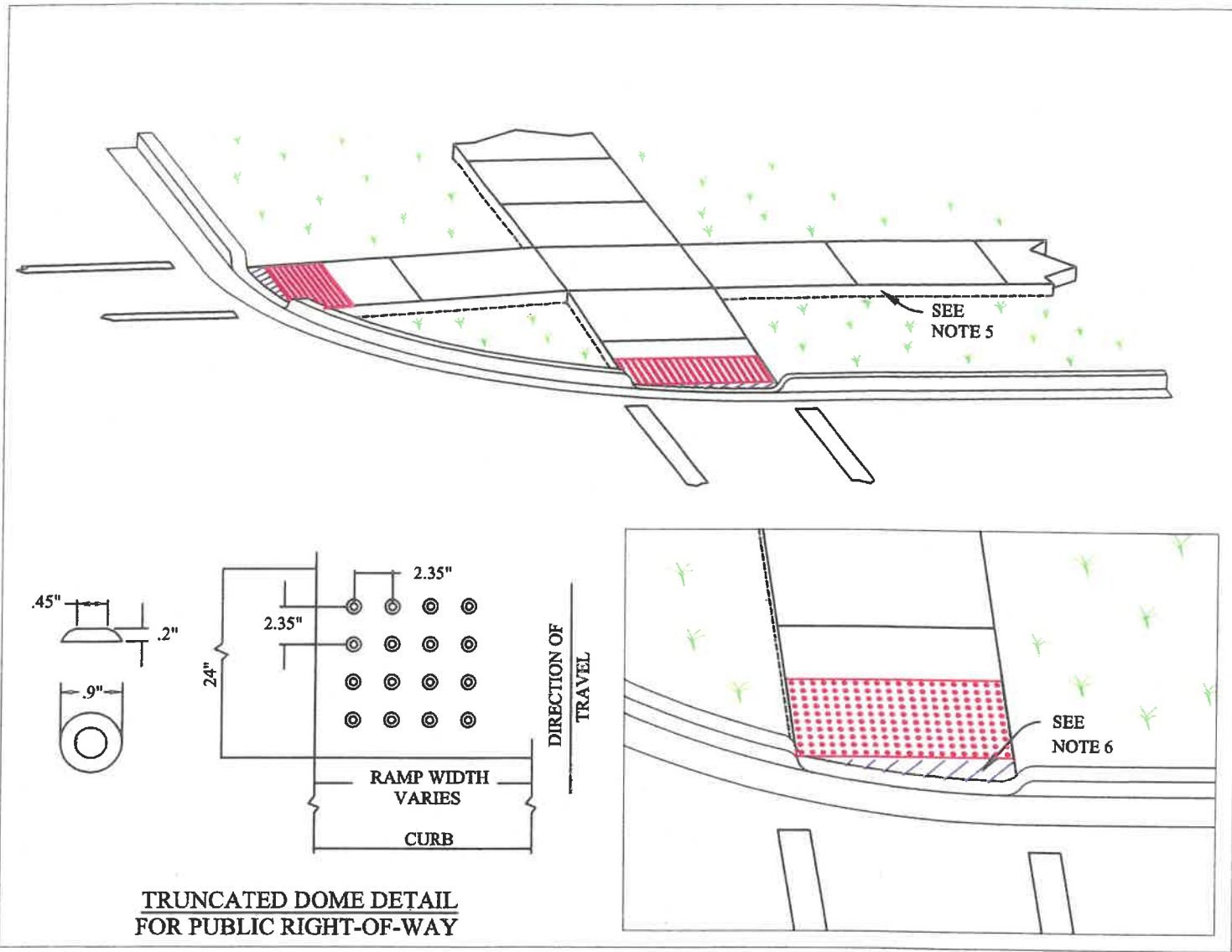
1. CONCRETE SHALL BE CLASS SI
2. MINIMUM SIDEWALK THICKNESS SHALL BE FIVE INCHES (5").
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE SIX INCHES (6") MINIMUM FOR RESIDENTIAL DRIVEWAYS, AND EIGHT INCHES (8") MINIMUM FOR NON-RESIDENTIAL DRIVEWAYS
4. MAXIMUM LONGITUDINAL SLOPE SHALL NOT EXCEED 6% (16:1)
5. MAXIMUM TRANSVERSE SLOPE SHALL NOT EXCEED 2% (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
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SIDEWALK

VILLAGE OF LOMBARD

PAVEMENT 2



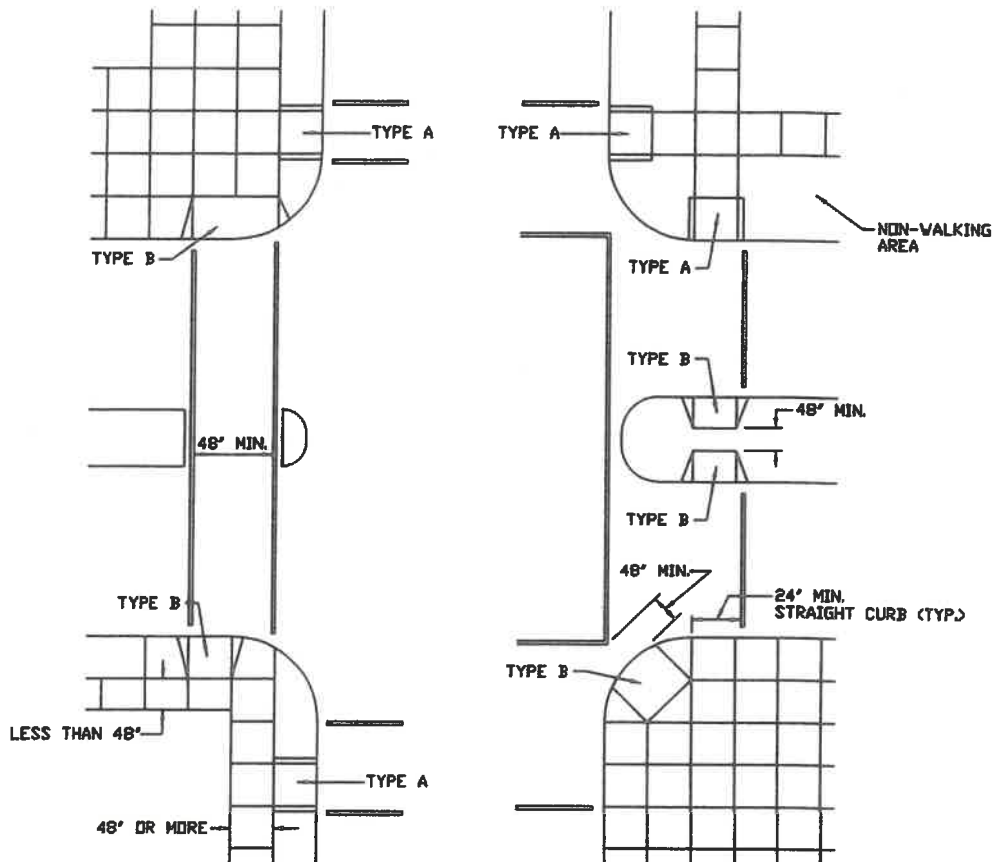
GENERAL NOTES:

1. RAMP 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 RAMP 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 RAMP 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. RAMP 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 RAMP 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%.

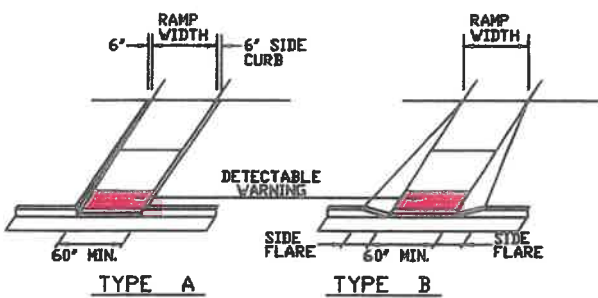
EV.:	AKL	REV.:	02-28-12
EV.:	ERB	REV.:	04-28-05
RAWN BY:	VJGL	DATE:	02-16-98
H:\HOME\LAOANG\DRAWINGS\DETAILS\SCH400\PAVE-3A.DWG			

HANDICAPPED SIDEWALK RAMP

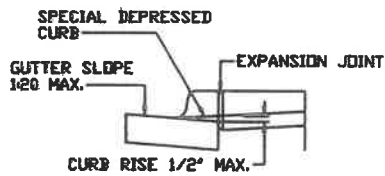
VILLAGE OF LOMBARD
PAVEMENT 3A



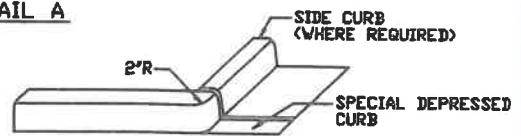
RECOMMENDED LOCATION OF RAMPS



DETAILS OF RAMPS

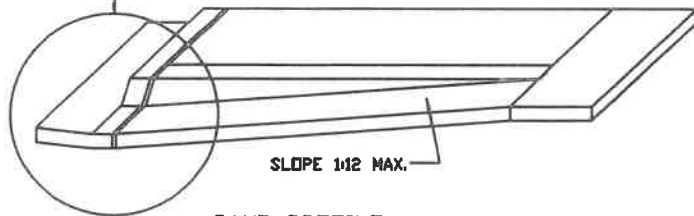


DETAIL A

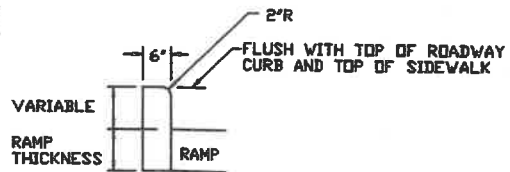


DETAIL B

SEE DETAILS A & B



RAMP PROFILE



DETAIL OF SIDE CURB

(Side curb may be constructed monolithically with ramp.)

REV. 1	KDH	REV. 2-28-2012
REV. 2	ERB	REV. 1-10-05
DRAWN BY	VJGL	DATE 2-16-98
H:\HOME\LAQANG\DRAWINGS\DETAILS\CH400\PAVE-3B.DWG		

HANDICAPPED SIDEWALK RAMP (CONTINUED)

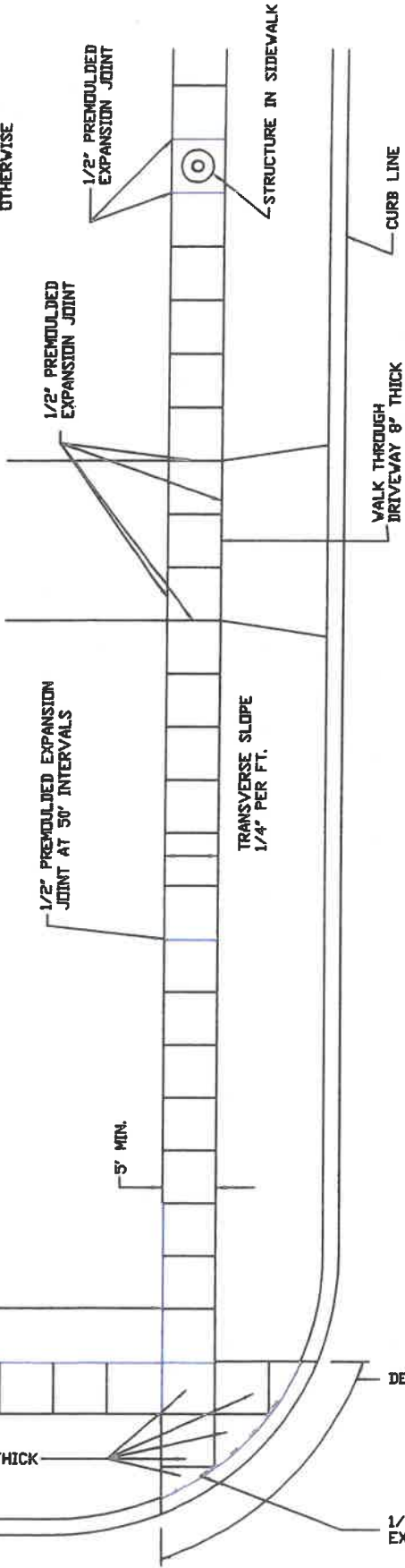
VILLAGE OF LOMBARD

PAVEMENT 3B

BUSINESS DISTRICT

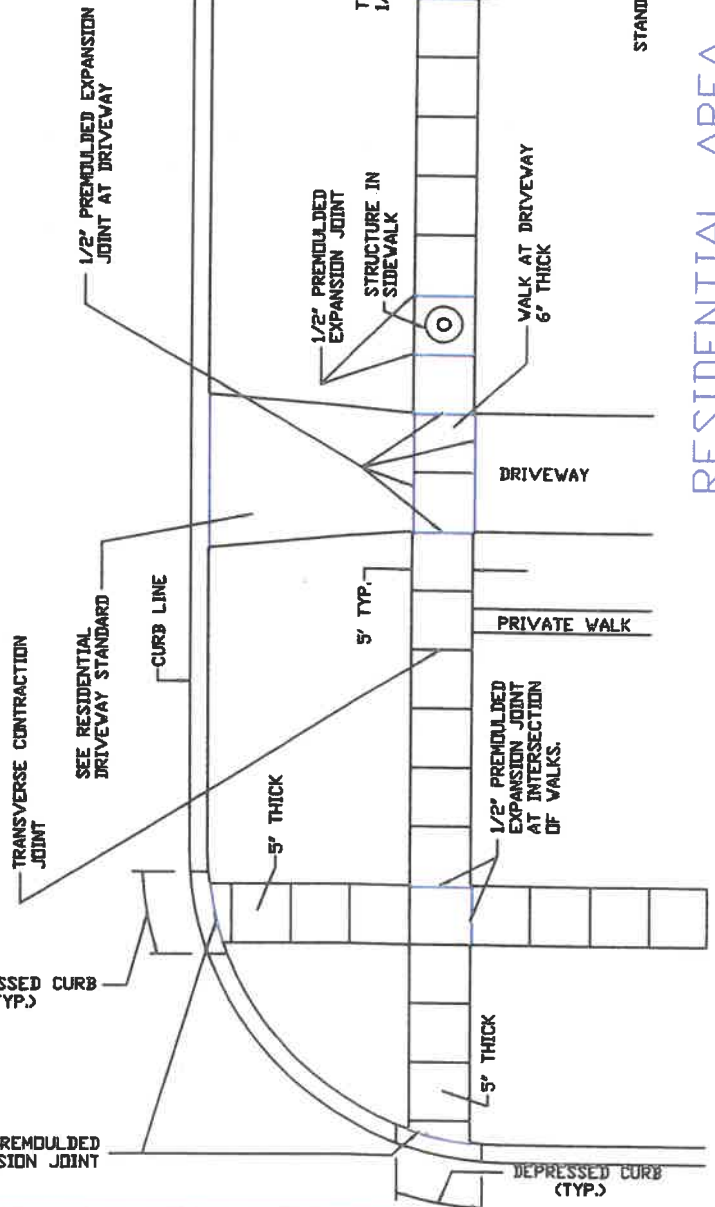
WHEN SIDEWALK IS PLACED UP TO FACE OF BUILDING, PROVIDE 1/2" PREMOULDED EXPANSION JOINT MATERIAL BETWEEN WALK AND BUILDING

STANDARD WALK
5" THICK
UNLESS NOTED
OTHERWISE



STANDARD WALK 5" THICK UNLESS OTHERWISE NOTED

RESIDENTIAL AREA



STANDARD WALK 5" THICK UNLESS OTHERWISE NOTED

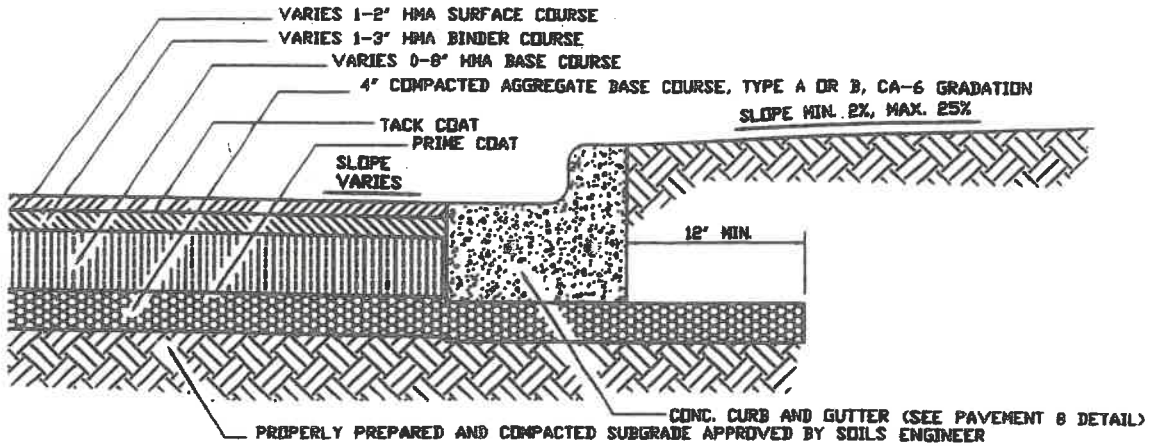
REV. 1		REV. 1	3-26-99
DRAWN BY: ERH			
	VJGL	DATE:	2-16-98

SIDEWALK CONSTRUCTION

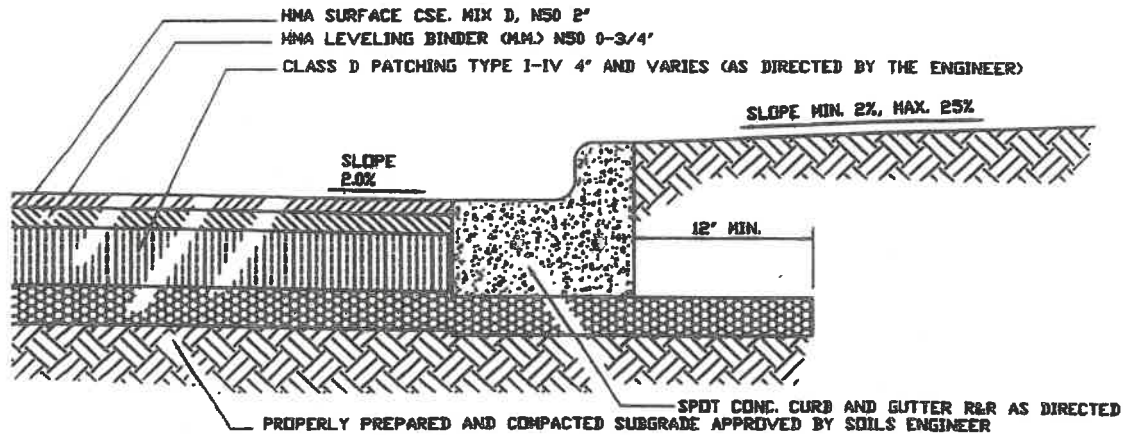
VILLAGE OF LOMBARD

PAVEMENT 4

EXISTING X-SECTION



PROPOSED X-SECTION 2.5" GRIND/OVERLAY

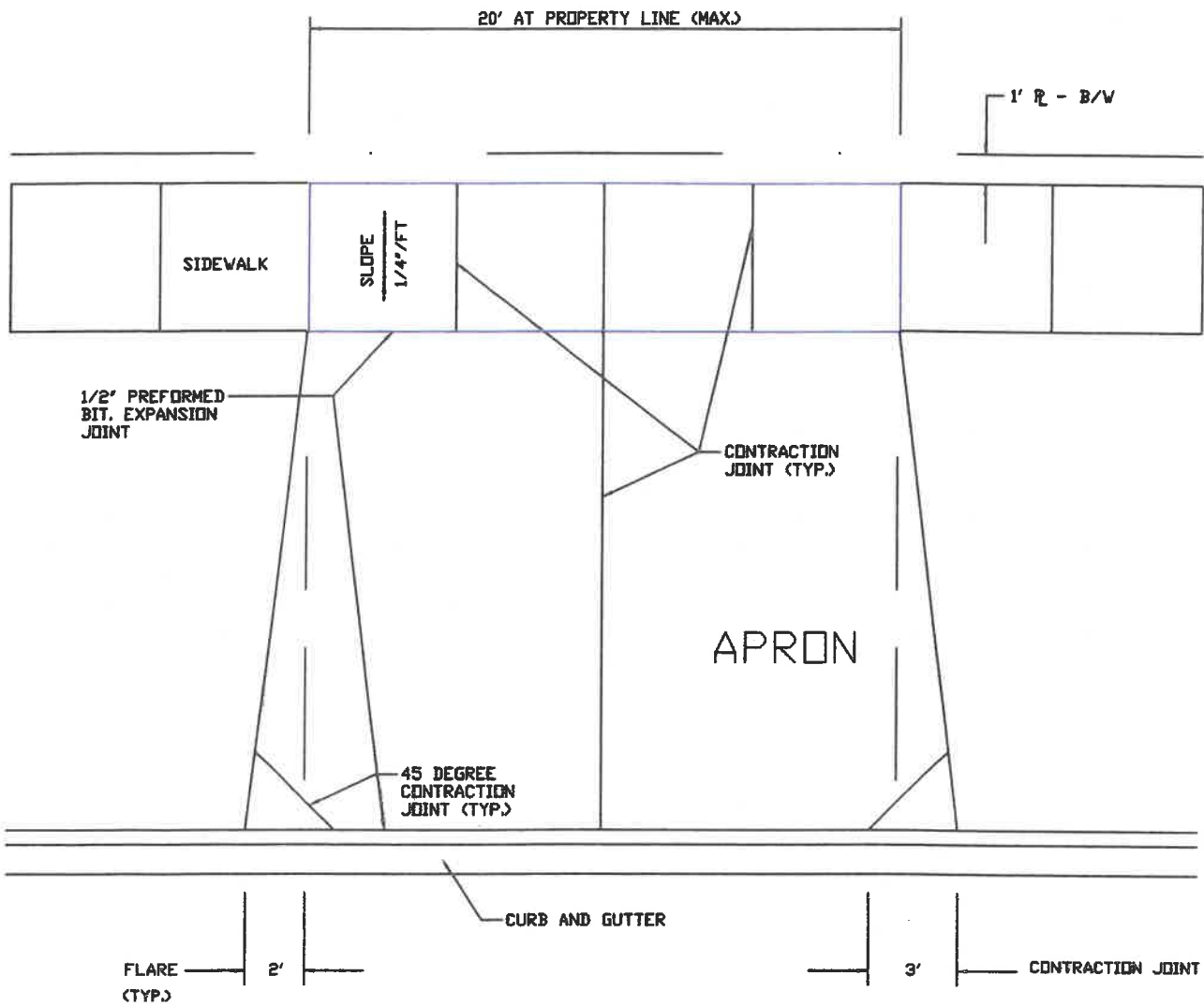


GENERAL NOTES:

REV. 1	RAH	REV. 1	3-23-16
REV. 1	ERH	REV. 1	8-15-01
DRAWN BY: VJGL		DATE: 2-16-98	
H:\MDE\LABANS\DRAWINGS\DETAILS\CH400\PAVE-5.DWG			

TYPICAL PAVEMENT CROSS-SECTION

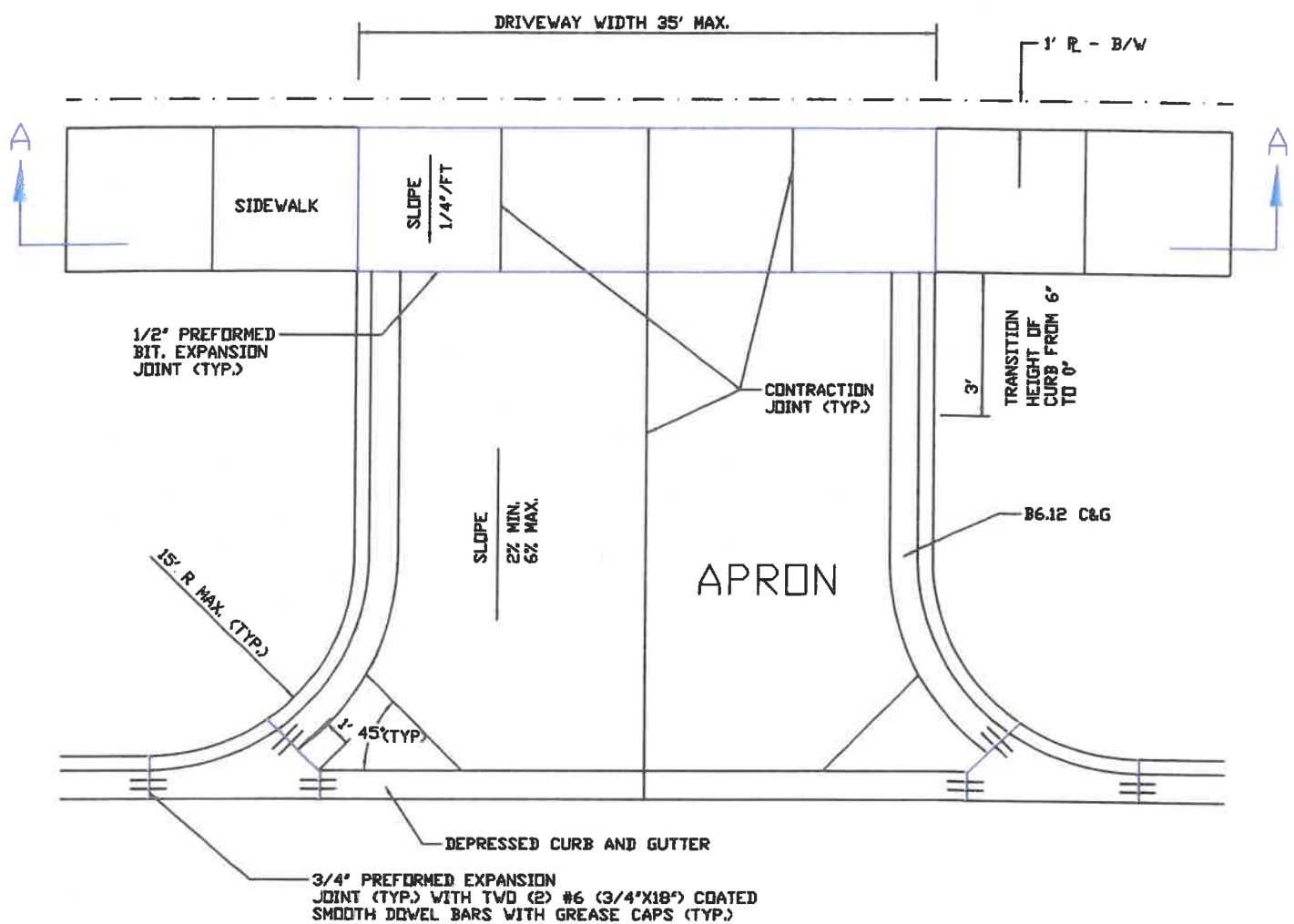
VILLAGE OF LOMBARD
 PAVEMENT 5



GENERAL NOTES:

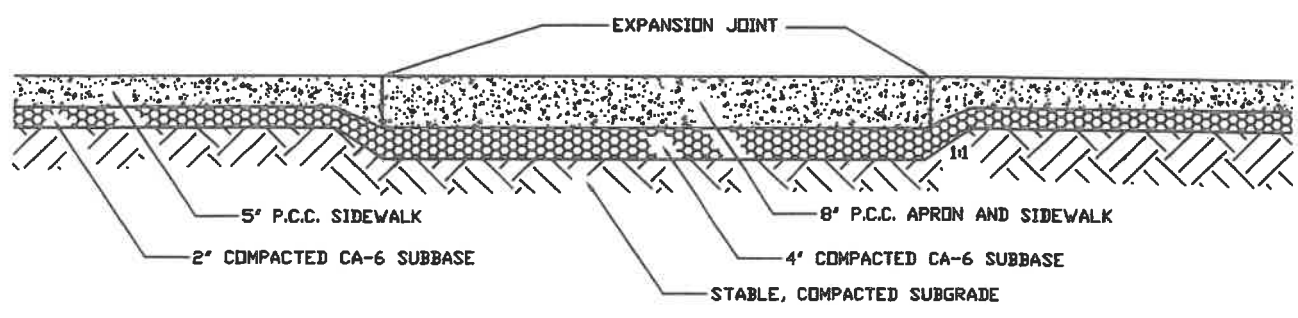
1. APRONS SHALL NOT EXCEED 20 FEET IN WIDTH MEASURED AT THE RIGHT-OF-WAY LINE.
2. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
3. MINIMUM THICKNESS FOR APRONS: 6" P.C. CONCRETE ON 2" COMPACTED AGGREGATE SUB-BASE (CA-6 GRADATION), OR 3" BITUMINOUS SURFACE ON 6" COMPACTED AGGREGATE SUB-BASE (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	RESIDENTIAL DRIVEWAY APRON	VILLAGE OF LOMBARD
REV. ERH	REV. 11-26-13		
DRAWN BY: VJGL	DATE: 2-16-98		PAVEMENT 6



NOTE:
ALL AGGREGATE SUBGRADE SHALL BE MECHANICALLY COMPACTED.

PLAN

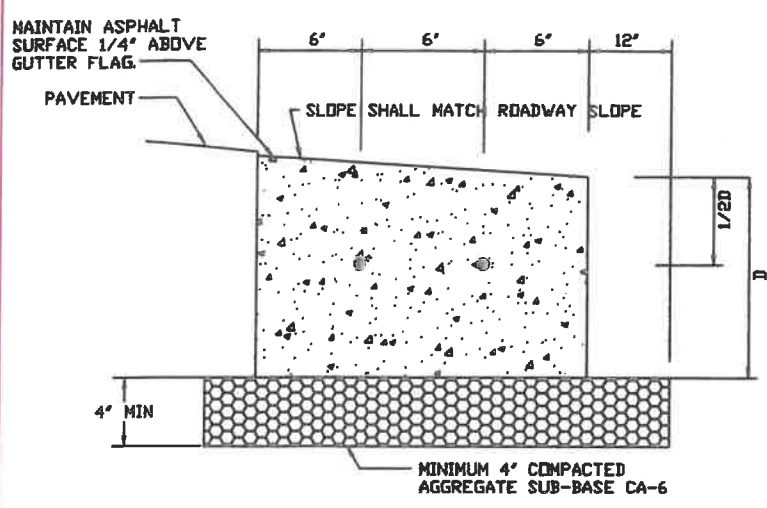


SECTION A-A

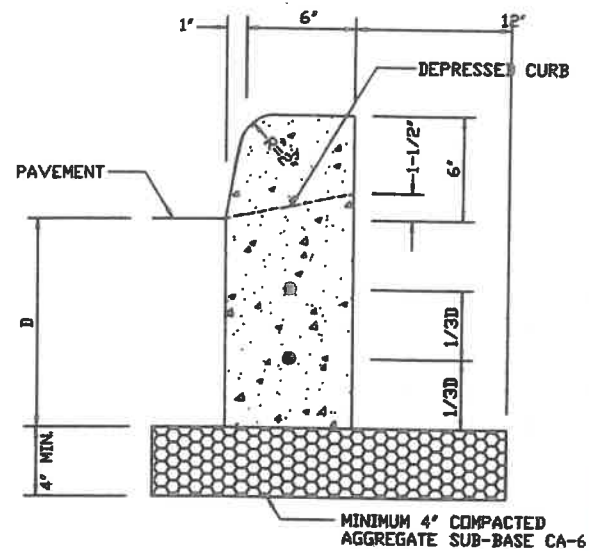
REV: TMT (TEG)	REV: 01-15-20
REV: DRG	REV: 10-07-15
DRAWN BY: VJGL	DATE: 2-16-98
I:\HDHNE\LADANG\DRAWINGS\DETAILS\CH400\PAVE-7.DWG	

COMMERCIAL
DRIVEWAY APRON

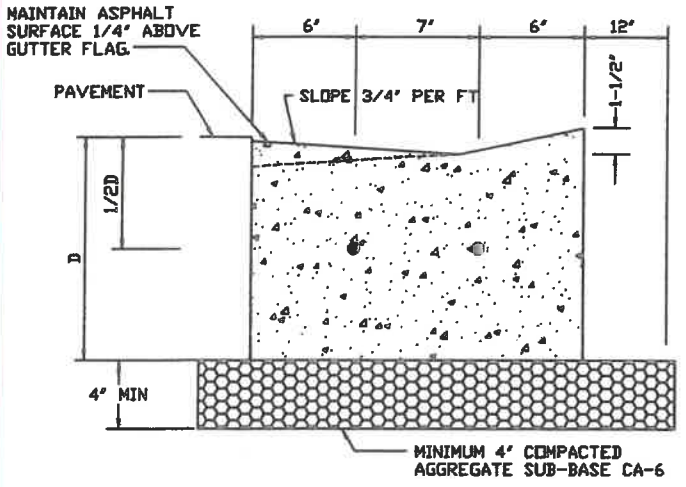
VILLAGE OF LOMBARD
PAVEMENT 7



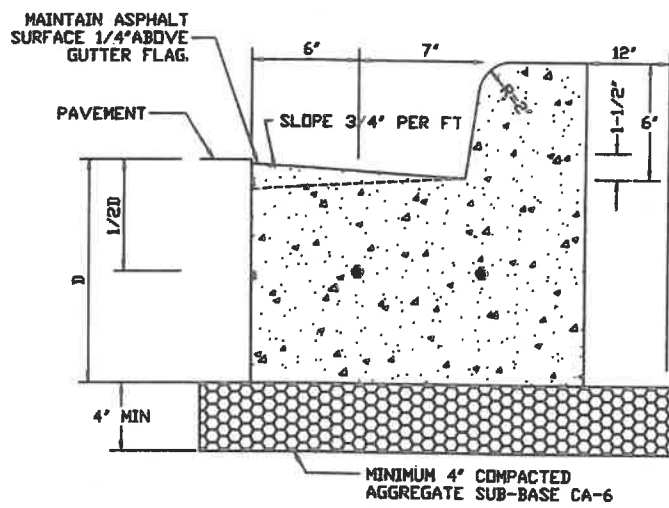
18' CONCRETE GUTTER



6' CONCRETE CURB TYPE B



DEPRESSED COMBINATION CURB & GUTTER



COMBINATION CURB & GUTTER

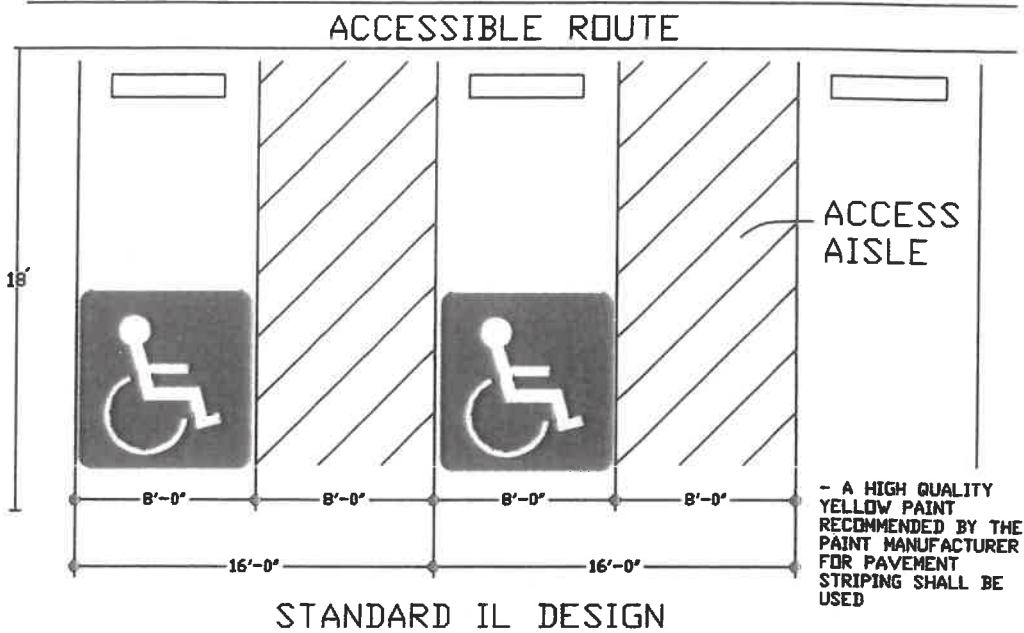
GENERAL NOTES:

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. TODDED 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 R7-1101 PLATE GIVING THE AMOUNT OF THE FINE FOR ILLEGALLY PARKING IN THE RESERVED SPACE(S).



ILLINOIS STANDARD
R7-1101

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.

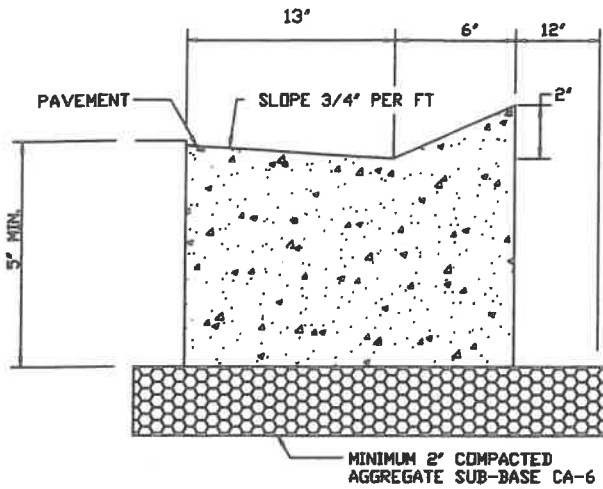
REV.:	ERH	REV.:	08-01-06
REV.:	ERH	REV.:	09-16-02
DRAWN BY:	RTL	DATE:	7-20-99
H:\HOME\LABANG\DRAWINGS\DETAILS\CH400\PAVE-2.DWG			

HANDICAP STALL

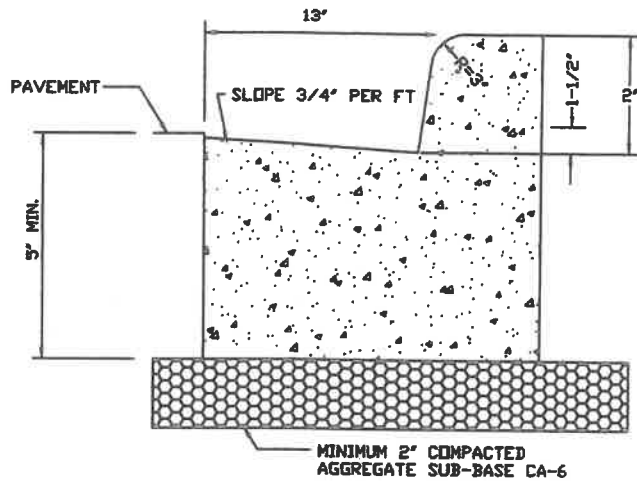
VILLAGE OF LOMBARD

PAVEMENT 14

CONCRETE

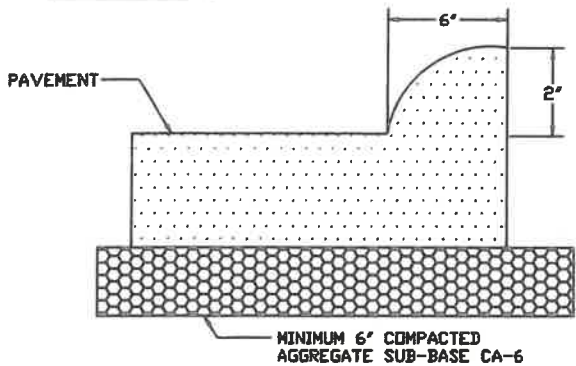


DEPRESSED COMBINATION CURB & GUTTER

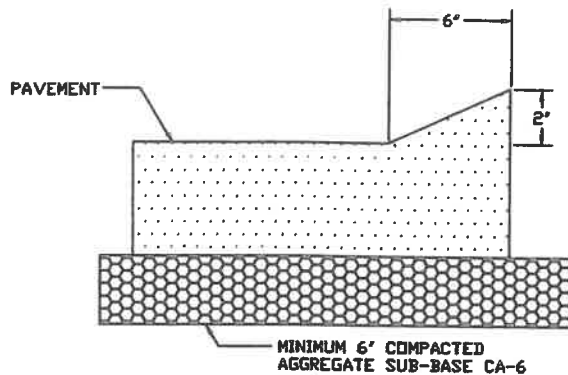


COMBINATION CURB & GUTTER

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:

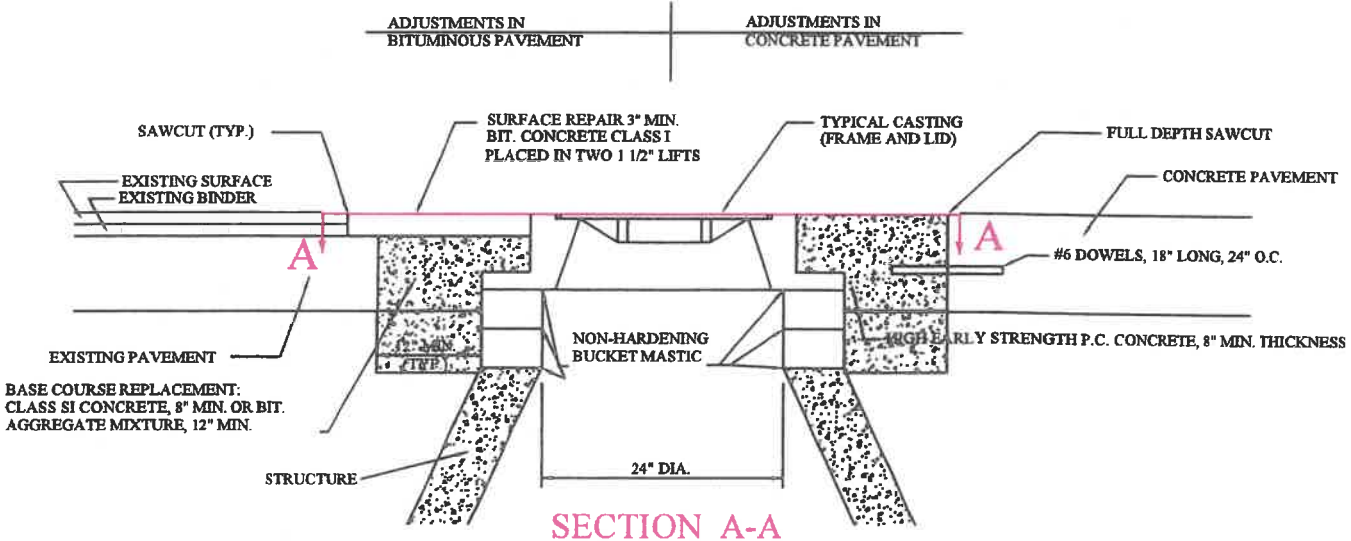
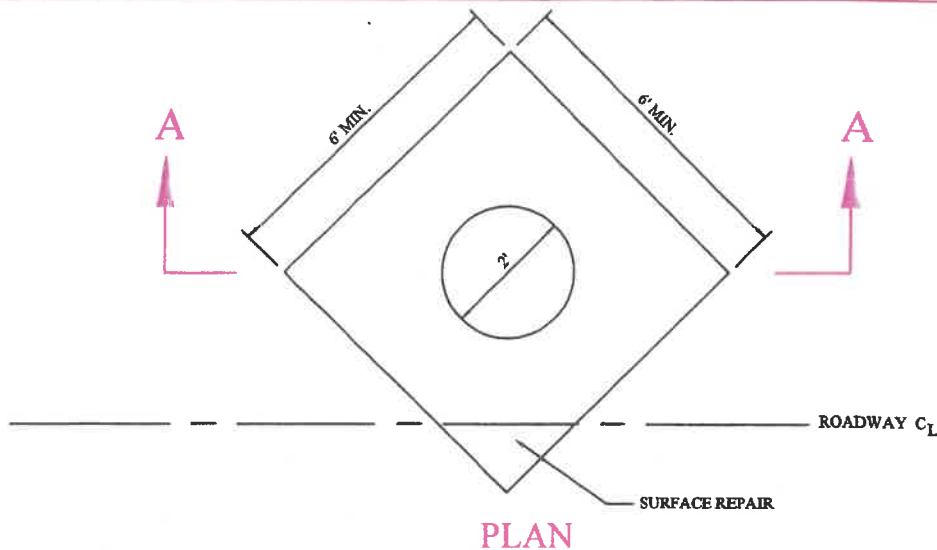
1. HAND TAMP 2" CURB IN PLACE.

REV.:		
REV.:	DRG	REV. 02/05/2015
DRAWN BY:	MTM	DATE 08/06/2014

Driveway Curb Edge

VILLAGE OF LOMBARD

PAVEMENT 15



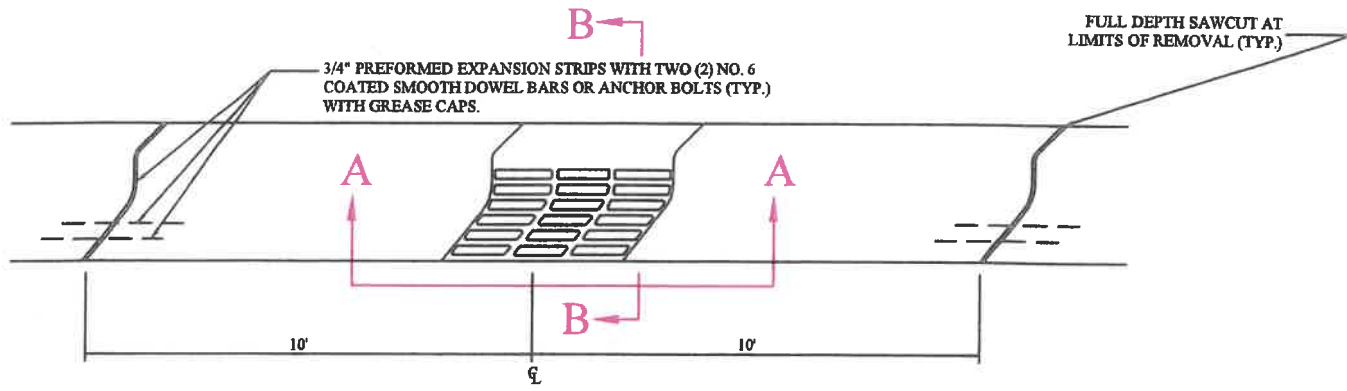
GENERAL NOTES:

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 RAMPS 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.

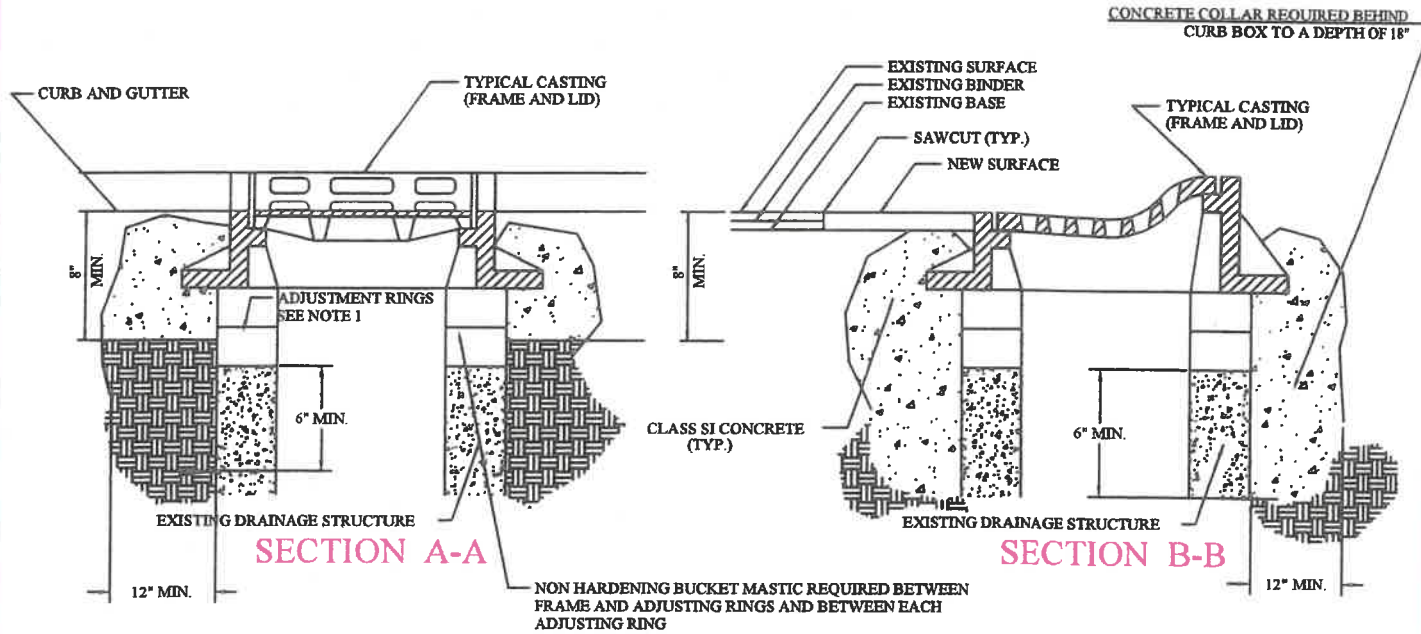
REV.: JKB	REV.: 04-23-18
REV.: ERH	REV.: 08-23-06
REV.: ERH	REV.: 07-14-99
DRAWN BY: VJGL	DATE: 02-16-98

CASTING ADJUSTMENTS FOR STRUCTURES IN PAVED AREAS

VILLAGE OF LOMBARD
STORM 7



REMOVE AND REPLACE CURB A MINIMUM OF 10' EITHER SIDE OF STRUCTURE OR TO THE NEAREST EXPANSION JOINT (WHICHEVER IS CLOSEST)



GENERAL NOTES:

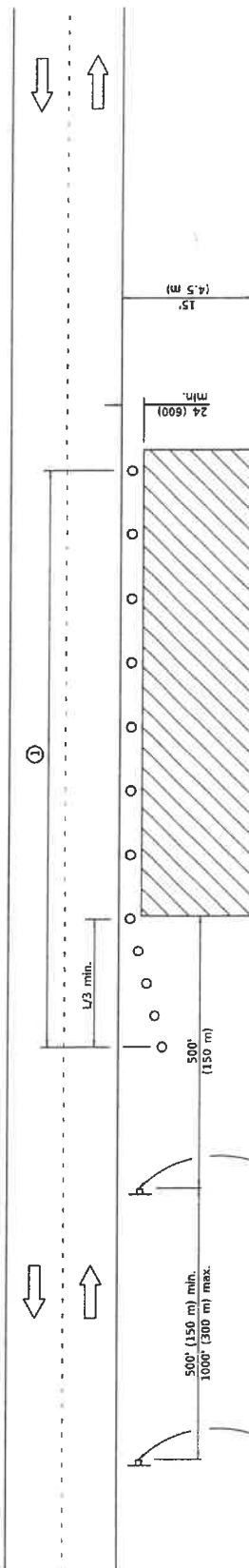
1. WHEN THE FRAME DOES NOT MEET THE PROPOSED ELEVATION, ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. A MAXIMUM OF 3 ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. CONCRETE, RUBBERIZED, HIGH DENSITY EXPANDED POLYSTYRENE WITH A POLYURIA COATING OR EXPANDED POLYPROPYLENE RINGS MAY 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

W20-1103(0)-48

For maintenance and utility projects

W21-1101-48

GENERAL NOTES

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

Calculate L as follows:

SPEED LIMIT

English (Metric)

40 mph (70 km/h) $L = \frac{WS^2}{60}$ $L = \frac{WS^2}{150}$

or less:

45 mph (80 km/h) $L = (W)(S)$ $L = 0.65(W)(S)$

or greater:

W = Width of offset in feet (meters).

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

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

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

TYPICAL APPLICATIONS

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

SYMBOLS

- Work area
- Sign
- Cone, drum or barricade

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

STANDARD 701006-05

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

Illinois Department of Transportation

ISSUED 3-1-97

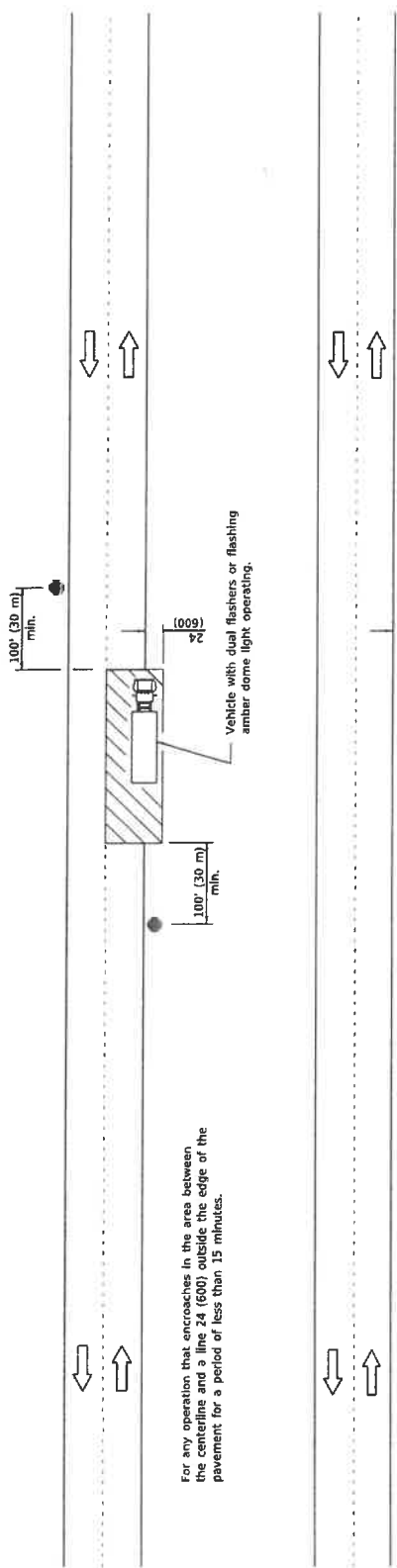
2014

APPROVED

ENGINEER OF SAFETY ENGINEERING

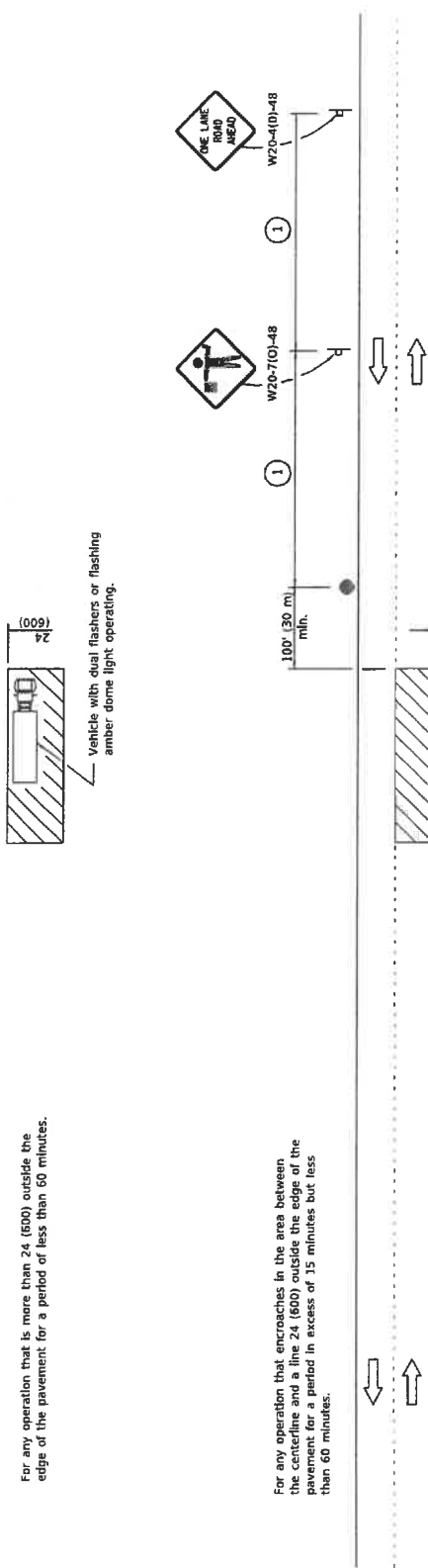
2014

ENGINEER OF DESIGN AND ENVIRONMENT



For any operation that encroaches in the area between the centerline and a line 24 (600) outside the edge of the pavement for a period of less than 15 minutes.

Vehicle with dual flashers or flashing amber dome light operating.



For any operation that is more than 24 (600) outside the edge of the pavement for a period of less than 60 minutes.

Vehicle with dual flashers or flashing amber dome light operating.

For any operation that encroaches in the area between the centerline and a line 24 (600) outside the edge of the pavement for a period in excess of 15 minutes but less than 60 minutes.

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.

TYPICAL APPLICATIONS

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

SYMBOLS

- Work area
- Sign on portable or permanent support
- Flagger with traffic control sign

Illinois Department of Transportation
 PASSED JANUARY 1, 2011
 ENGINEER OF SAFETY ENGINEERING
 APPROVED JANUARY 1, 2011
 ENGINEER OF DESIGN AND ENVIRONMENT

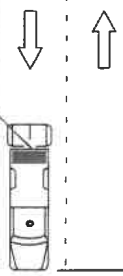
DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).

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

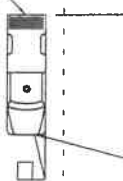
STANDARD 701301-04



G20-101-2430
(appropriate arrow)



G20-101-2430
(appropriate arrow)



R4-7a-2430

200' (60 m)
min. *

* Distance varies depending on terrain and susceptibility of pavement marking or crack sealant to wheel tracking.

TYPICAL APPLICATIONS

- Landscaping 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.

Illinois Department of Transportation

PASSED JANUARY 1, 2009

ENGINEER OF OPERATIONS

APPROVED [Signature] JANUARY 1, 2009

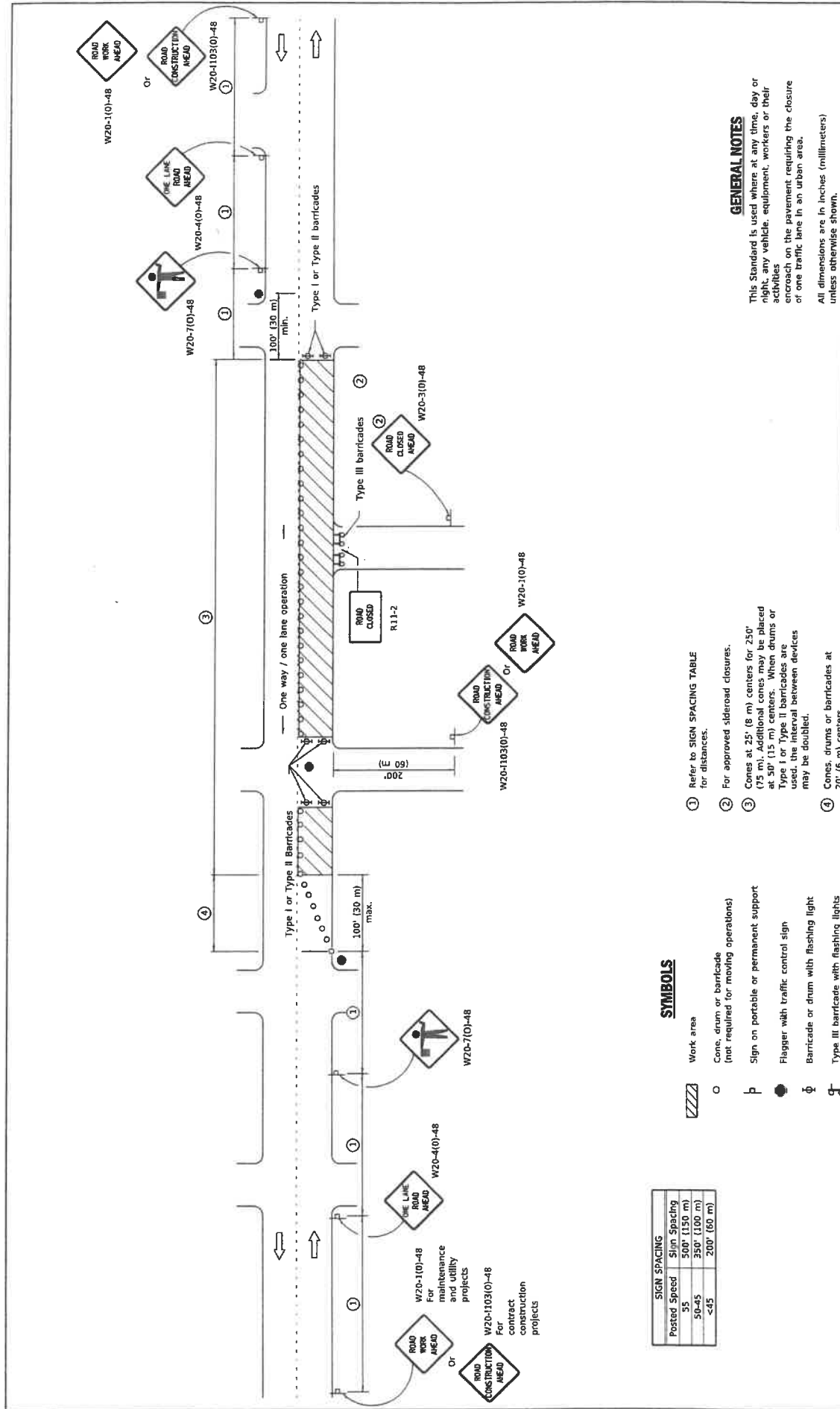
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-09	Switched units to English (metric). Omitted Pass With Care sign.
1-1-00	Elim. speed restrictions in Standard title.

LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY

STANDARD 701311-03



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.

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

Posted Speed	Sign Spacing
35	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

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

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved sideroad closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

Illinois Department of Transportation

ISSUED 1-1-97

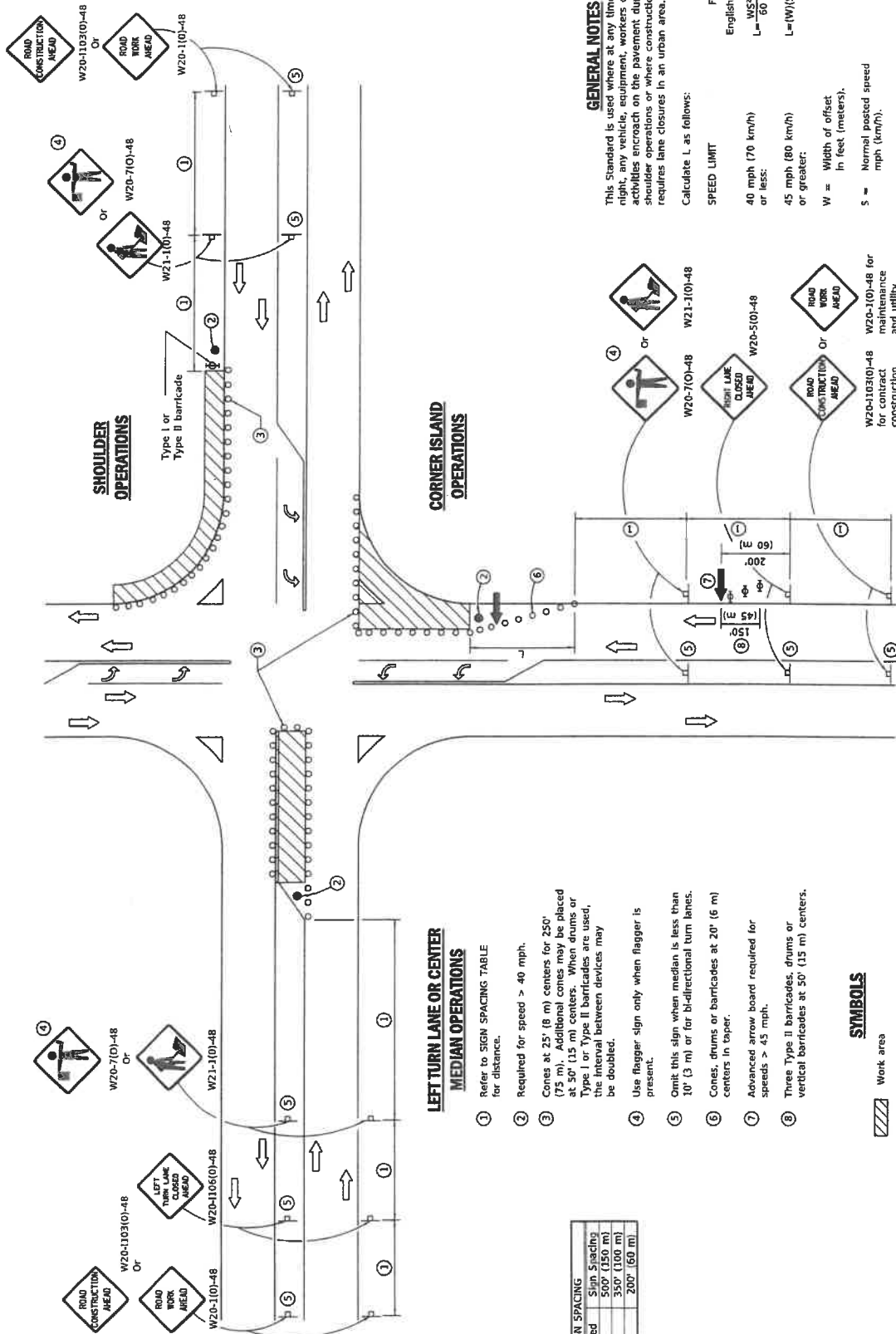
2011

APPROVED

ENGINEER OF SAFETY ENGINEERING

APPROVED

ENGINEER OF DESIGN AND ENVIRONMENT



LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

REFER TO SIGN SPACING TABLE

- 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.

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, workers or their 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)
 L = WS² / 60 (L = WS² / 150)
 L = (W)(S) (L = 0.65(W)(S))

W = Width of offset in feet (meters).
 S = Normal posted speed in mph (km/h).

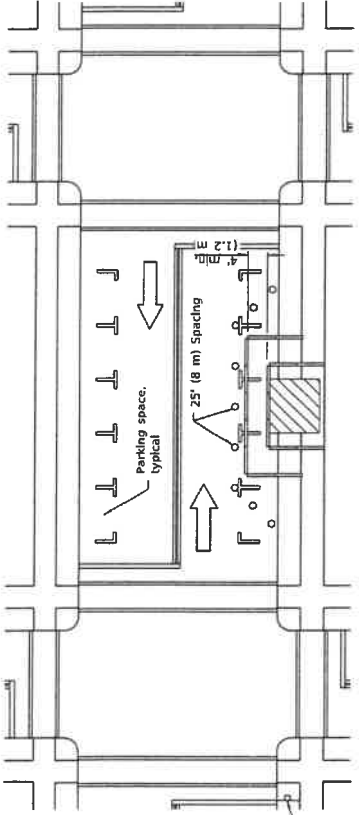
All dimensions are in inches (millimeters) unless otherwise shown.

URBAN LANE CLOSURE, MULTILANE INTERSECTION

DATE	REVISIONS
4-1-16	Corrected sign number for LEFT TURN LANE CLOSED AHEAD.
1-1-14	Added devices at arrow board upstream from taper. Rev. workers sign number.

STANDARD 701701-10

Illinois Department of Transportation
 ISSUED 1-1-97
 PASSED APR 13 2016
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 APPROVED
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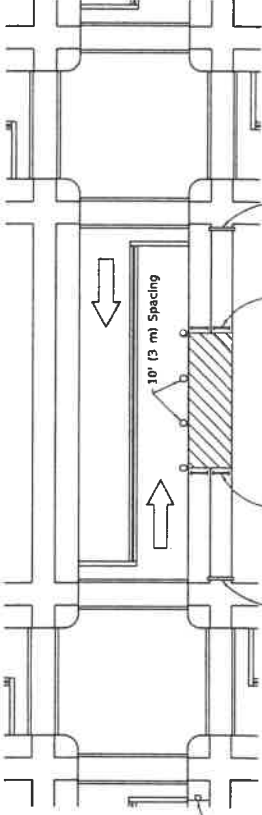


W20-1103(10)-48 for contract construction projects



W20-110-48 for maintenance and utility projects

SIDEWALK DIVERSION



W20-1103(10)-48 for contract construction projects



W20-110-48 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 channelling barricade

ISSUED 1-1-97

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2016

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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 corners across 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 70190 L.

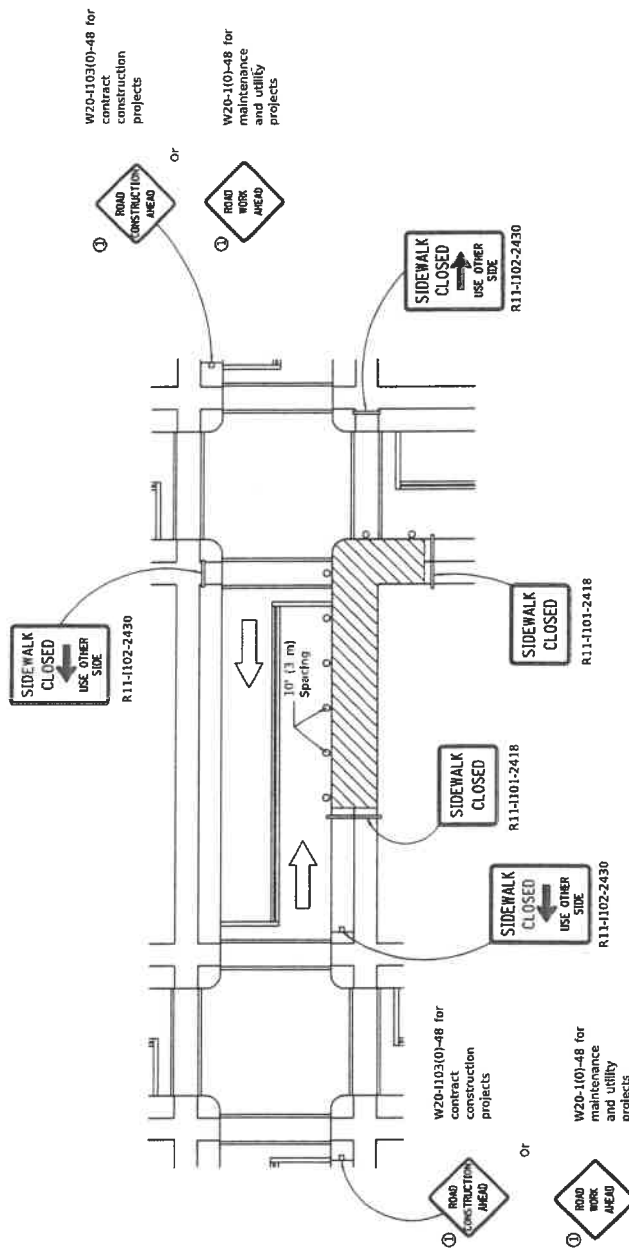
All dimensions are in inches (millimeters) unless otherwise shown.

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.

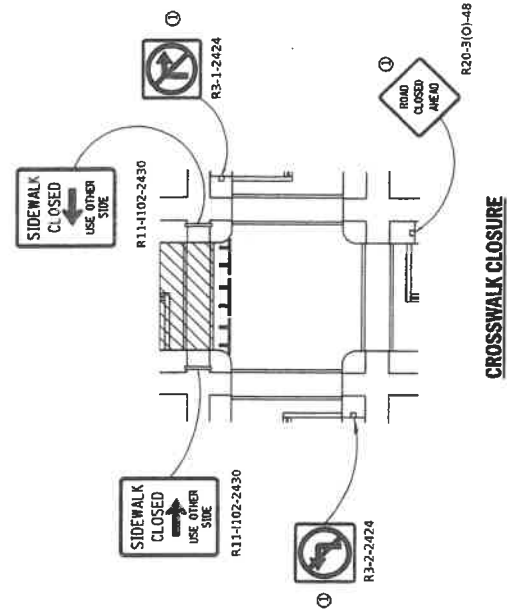
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



CORNER CLOSURE



CROSSWALK CLOSURE

Illinois Department of Transportation

PASSED APR 11 2016

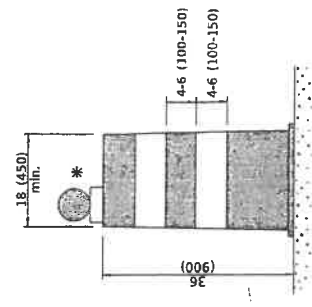
APPROVED BY [Signature] APR 11 2016

ENGINEER OF SAFETY ENGINEERING

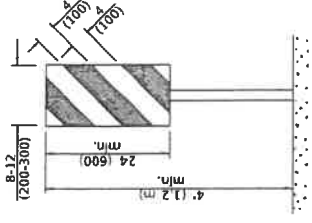
APPROVED BY [Signature] APR 11 2016

ENGINEER OF DESIGN AND ENVIRONMENT

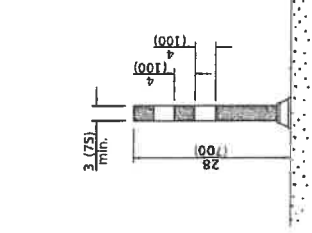
ISSUED 1-1-97



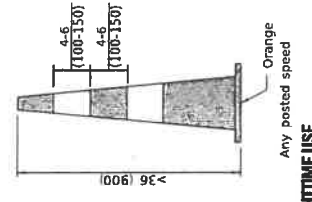
DRUM



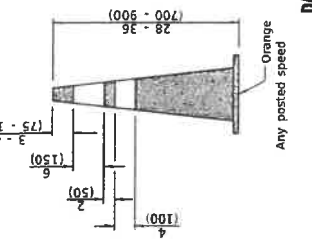
VERTICAL PANEL
POST MOUNTED



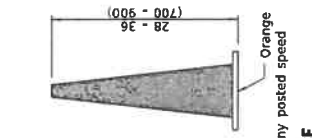
TUBULAR MARKER



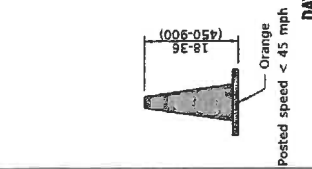
DAY OR NIGHTTIME USE



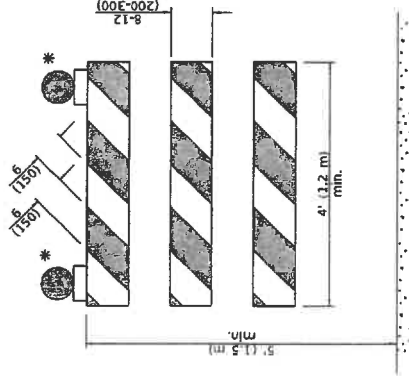
CONES



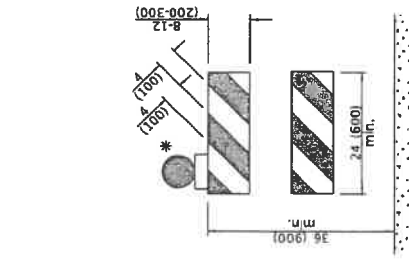
DAYTIME USE



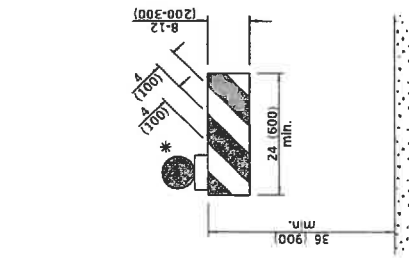
DAYTIME USE



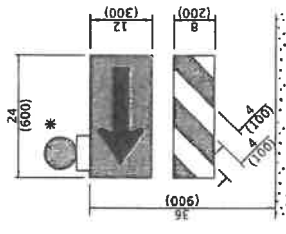
TYPE III BARRICADE



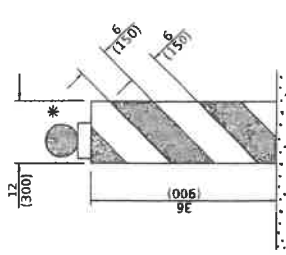
TYPE II BARRICADE



TYPE I BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE

* Warning lights (if required)

GENERAL NOTES

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

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.

TRAFFIC CONTROL DEVICES

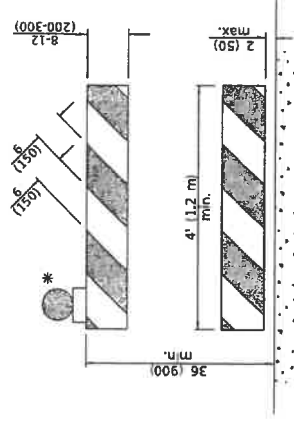
(Sheet 1 of 3)

STANDARD 701901-08

Illinois Department of Transportation
 APPROVED January 1, 2019
 ENGINEER OF SAFETY PRAC. AND ENGINEERING
 APPROVED January 1, 2019
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE



ROAD CONSTRUCTION NEXT X MILES
G20-1104(0)-6036

END CONSTRUCTION
G20-1105(0)-6024

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

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

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

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

WORK LIMIT SIGNING

WORK ZONE	W21-1105(0)-3618
SPEED LIMIT	R2-1-3648
XX	
PHOTO ENFORCED	R10-1108p-3618 ****
XXXX FINE MINIMUM	R2-1106p-3618

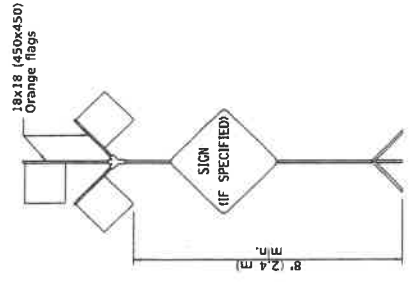
Sign assembly as shown on Standards or as allowed by District Operations.

END WORK ZONE SPEED LIMIT
G20-1103-6036

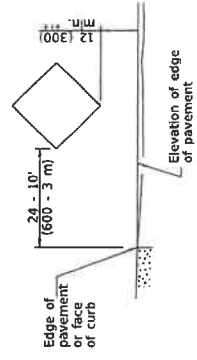
This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-1108p shall only be used along roadways under the jurisdiction of the State.

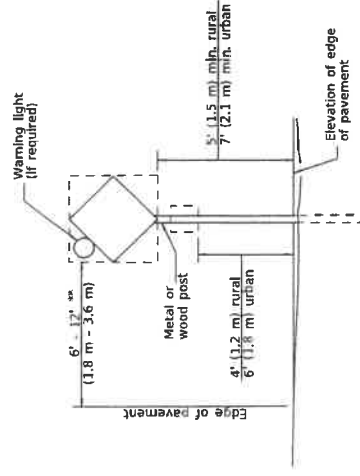


HIGH LEVEL WARNING DEVICE



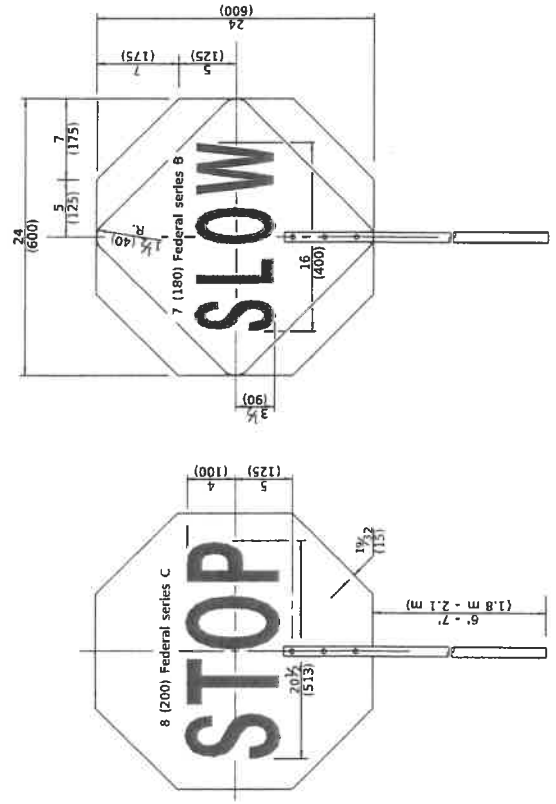
SIGNS ON TEMPORARY SUPPORTS

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



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.



FRONT SIDE REVERSE SIDE



W12-1103-4848

WIDTH RESTRICTION SIGN

XX-XXX' width and X miles are variable.

FLAGGER TRAFFIC CONTROL SIGN

TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

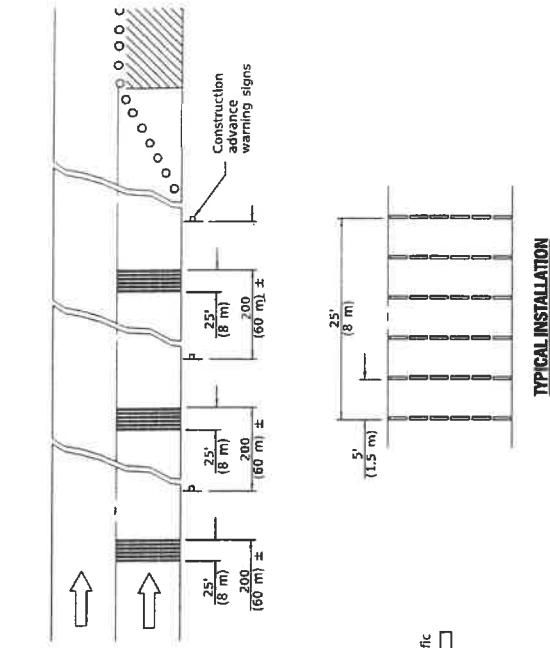
STANDARD 701901-08

Illinois Department of Transportation

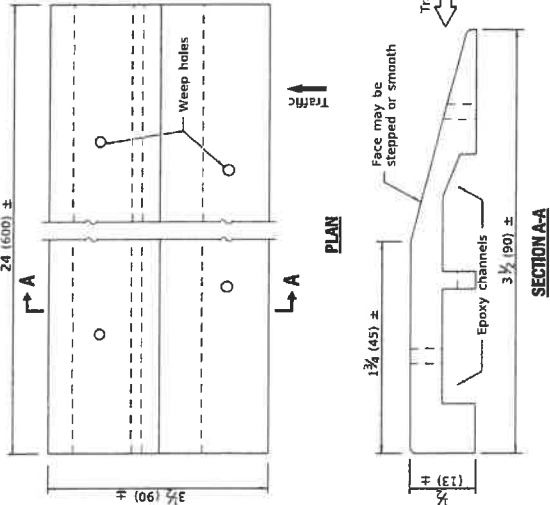
APPROVED: [Signature] 2019
ENGINEER OF SAFETY PROC. AND ENGINEERING

APPROVED: [Signature] 2019
ENGINEER OF DESIGN AND ENVIRONMENT

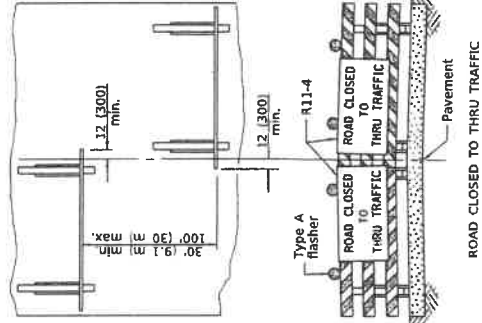
ISSUED 1-1-13



TYPICAL INSTALLATION

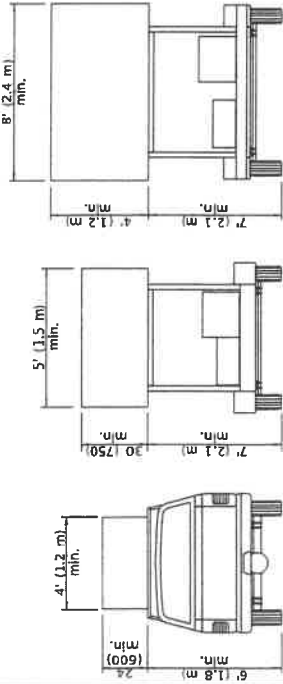


TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO THRU TRAFFIC

ReflectORIZED striping shall appear on both sides of the barricade. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

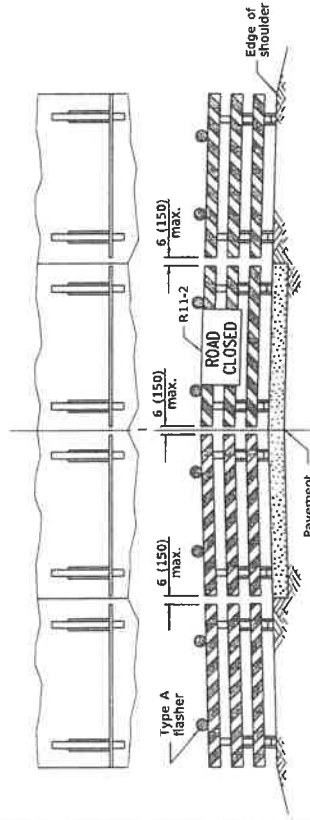


TYPE A
ROOF MOUNTED

TYPE B
ROOF OR TRAILER MOUNTED

TYPE C
TRAILER MOUNTED

ARROW BOARDS



ROAD CLOSED TO ALL TRAFFIC

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 sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.

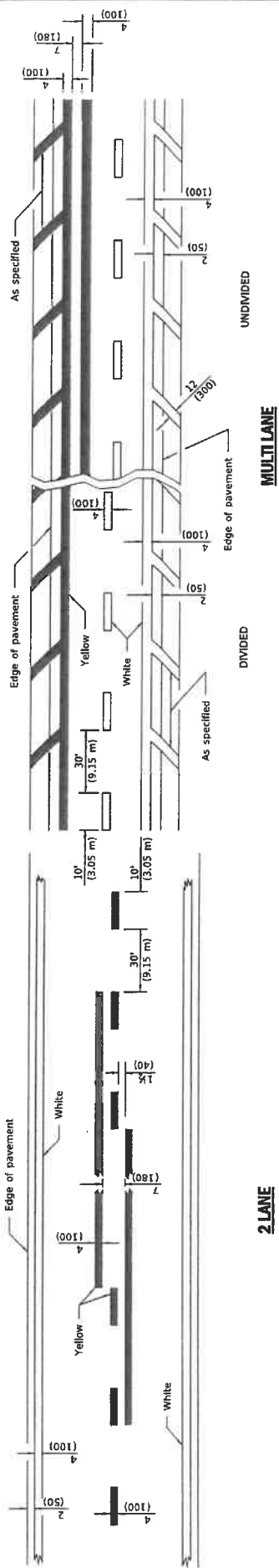
TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation
 APPROVED JANUARY 1, 2019
 ENGINEER OF SAFETY PROGRAMS AND ENGINEERING
 APPROVED JANUARY 1, 2019
 ENGINEER OF DESIGN AND ENVIRONMENT

TRAFFIC CONTROL
DEVICES

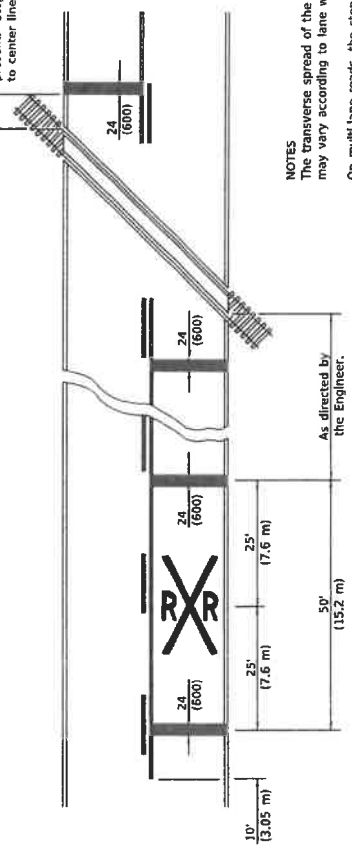
(Sheet 3 of 3)

STANDARD 701901-08



LANE AND EDGE LINES

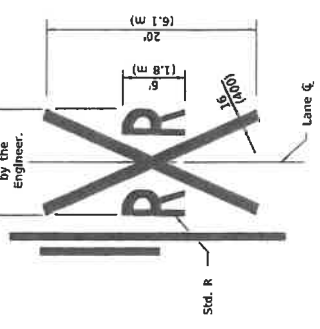
Approximately 15' (4.5 m) from nearest rail or 8' (2.4 m) back from gate, if present. Stop line placed perpendicular to center line.



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 RXR 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.



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

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

TYPICAL PAVEMENT MARKINGS

DATE	REVISIONS
1-1-15	Added symbol. Revised bike symbol. Revised note for stop line at RR crossing.
1-1-14	Added bike symbol. Renamed "LANE DROP ARROW" detail to "LANE-REDUCTION ARROW".

(Sheet 1 of 3)

STANDARD 780001-05

Illinois Department of Transportation

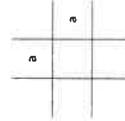
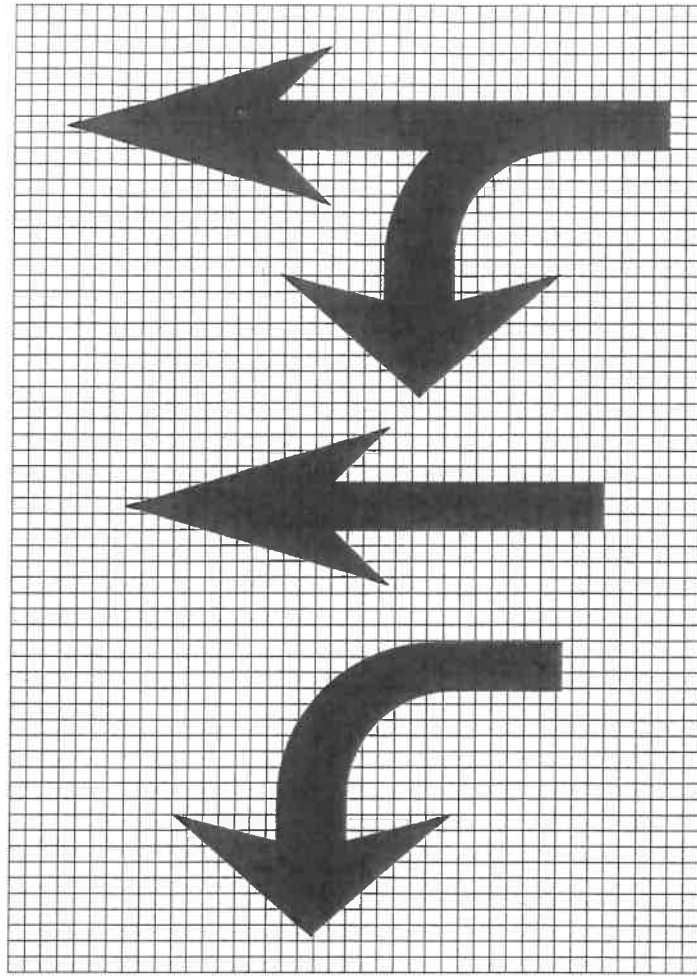
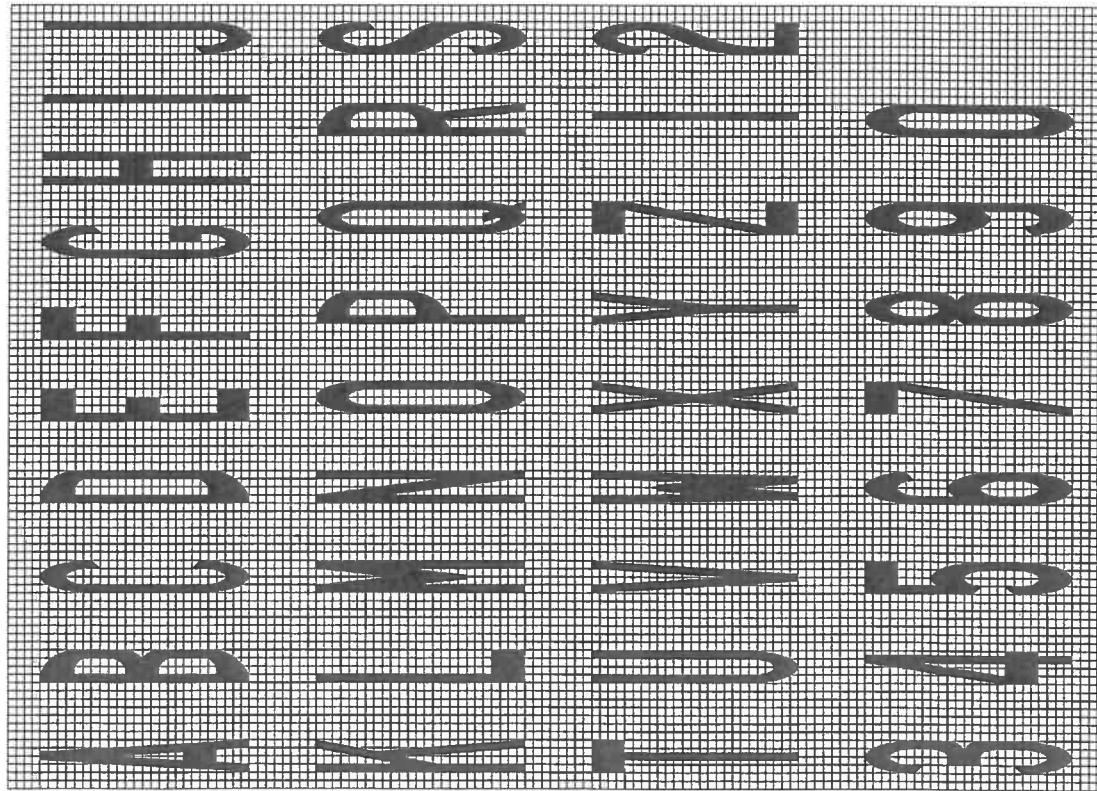
PASSED JANUARY 1, 2015

ENGINEER OF OPERATIONS

APPROVED JANUARY 1, 2015

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ISSUED 1-1-97



Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.5 (74)
8' (2.4 m)	Large	3.8 (96)

The space between adjacent letters or numbers 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
 PASSED January 1, 2015
 ENGINEER OF OPERATIONS
 APPROVED January 1, 2015
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

TYPICAL PAVEMENT MARKINGS

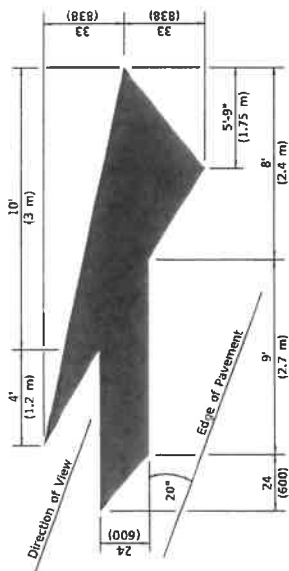
(Sheet 2 of 3)

STANDARD 780001-05



20' (6 m): urban
50' (15 m): rural
(Between arrow
and word or
between words)

Small size: urban
Large size: rural

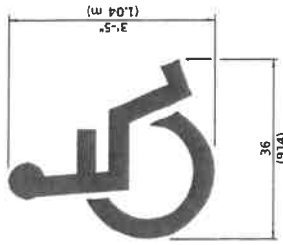


LANE-REDUCTION ARROW
Right lane-reduction arrow shown.
Use mirror image for left lane.

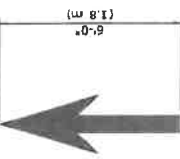
ONLY

WORD AND ARROW LAYOUT

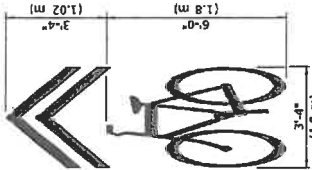
6' (1.8 m): urban
8' (2.4 m): rural



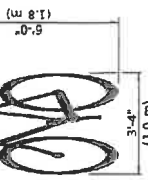
INTERNATIONAL SYMBOL OF ACCESSIBILITY



6'-0" (1.8 m)



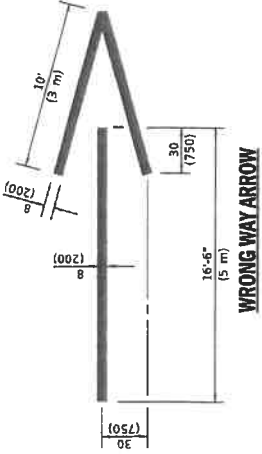
SHARED LANE SYMBOL



BIKE SYMBOL
(Arrow is optional.)

6'-0" (1.8 m)

6'-0" (1.8 m)



WRONG WAY ARROW

Illinois Department of Transportation

PASSED January 1, 2015

ENGINEER OF OPERATIONS

APPROVED January 1, 2015

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

TYPICAL PAVEMENT MARKINGS

(Sheet 3 of 3)

STANDARD 780001-05

