MOT 2020-8656 Page 1 of 168

### VILLAGE OF DOWNERS GROVE Report for the Village 9/1/2020

SUBJECT:	SUBMITTED BY:
2020 Pavement Striping Maintenance	Andy Sikich Director of Public Works

### SYNOPSIS

A motion is requested to award a contract for pavement marking striping maintenance to Superior Road Striping in the amount of \$25,000.00.

### STRATEGIC PLAN ALIGNMENT

The strategic goals for 2019-2021 include *Top Quality Infrastructure*.

### **FISCAL IMPACT**

The FY20 budget includes \$50,000 for this project in the Capital Projects Fund. As a result of the COVID-19 pandemic, the use of monies in the Capital Projects Fund has been curtailed. However, funding is available in the Motor Fuel Tax (MFT) Fund to complete this project.

### RECOMMENDATION

Approval on the September 1, 2020 Consent Agenda.

### **BACKGROUND**

The Village has over 26 miles of thermoplastic pavement markings comprised of stop bars, centerlines, lane lines and edge lines in addition to symbols such as left and right turn arrows. Over time they wear and require replacement due to normal weathering, traffic, snow plowing and construction activities. Staff's observations indicate that the average life of thermoplastic pavement markings in the Village is approximately four years.

This project is recommended to be completed through a cooperative purchasing contract with DuPage County's 2020 Pavement Marking Maintenance Contract, which included a Joint Purchase line item and allows for pricing to be extended to local governments in accordance with the provisions of the Village Purchasing Policy.

Superior Road Striping performed this work for the Village during the years of 2008 through 2010 as well as 2016-2019 and performed satisfactorily. Staff recommends award of this contract to Superior Road Striping.

### **ATTACHMENTS**

**Contract Documents** 



DIV. OF TRANSPORTATION

2020 MAR -5 AM 9: 43

Local Public Agency Formal Contract Proposal

PROPOSAL SUBMITTED BY

	1980 N. HAWTHOGOE AUC
	Street P.O. Box
	City State Zip Code
ST	ATE OF ILLINOIS
COUNTY OF DuPage	
DuPage Coun	ty Division of Transportation
(Name of City	r, Village, Town or Road District)
	THE IMPROVEMENT OF
	2020 Pavement Marking Maintenance 20-PVMKG-08-GM
SECTION NO. TYPES OF FUNDS	20-P V IVING-08-GIVI
	uired)
For Municipal Projects	Department of Transportation
Submitted/Approved/Passed	Released for bid based on limited review
	Regional Engineer
Mayor President of Board of Trustees Municipal Offici	al Regional Engineer
Date	Date
For County and Road District Projects	
Submitted/Approved	
Highway Commissioner	-
	_
Date	
Submitted/Approved	
County Engineer/Superintendent of Highways	
2.1	<u> </u>
Date	

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

### **NOTICE TO BIDDERS**

County	DuPage
Local Public Agency	DuPage County D.O.T.
Section Number	20-PVMKG-08-GM
Route	Various

	36	ection Number	ZU-F V IVI	ING-00-GM
		Route	Various	
Sealed proposals for the improvement described below will be rece	eived at the o	ffice of DuPa	ige County	Div of Transportation,
421 N. County Farm Road, 2nd Floor, Wheaton, IL 60187-2553 Address	until	2:00 PM Time	on	March 10, 2020  Date
Sealed proposals will be opened and read publicly at the office of	the DuPage	County Division	of Transp	ortation,
421 N. County Farm Road, 2nd Floor, Wheaton, IL 60187-2553	at	2:00 PM	on	March 10, 2020
Address		Time		Date
DESCRIPTION (	OF WORK			
Name 2020 Pavement Marking Maintenance	Ler	ngth:	feet	( miles)
Location Various Routes				· ——
Proposed Improvement Removal of existing pavement markings and	installation of	thermoplastic, u	rethane, an	ıd spray
thermoplastic pavement markings, and recessed pavement markers.				
Plans and proposal forms will be available in the office of onl     or by contacting the DuPage County Division of Transportation at (6)		ww.dupageco.org	g/dot/doing	gbusiness

2. Prequalification

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

- 3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.
- 4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
  - a. BLR 12200: Local Public Agency Formal Contract Proposal
  - b. BLR 12200a Schedule of Prices
  - c. BLR 12230: Proposal Bid Bond (if applicable)
  - d. BLR 12325: Apprenticeship or Training Program Certification (do not use for federally funded projects)
  - e. DuPage County Apprenticeship or Training Program Certification (all Apprenticeship/Training Registration Number(s) and/or Certificate(s) need to be included with this form)
  - BLR 12326: Affidavit of Illinois Business Office f.
  - g. DuPage County Required Vendor Ethics Disclosure Statement
  - h. IRS Form W-9: Request for Taxpayer Identification Number and Certification
  - i. Three (3) References Form
  - **Joint Purchasing Authorization**

- 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.

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specified in the Schedule for Multiple Bids below.

County DuPage Local Public Agency DuPage County D.O.T. Section Number 20-PVMKG-08-GM Poute Various

	Noute various
1.	Proposal of Superior Road Striping, Inc.
	for the improvement of the above section by the construction ofremoval of existing pavement markings and installation of thermoplastic, urethane, and spray thermoplastic pavement markings, and recessed pavement markers
	a total distance of feet, of which a distance of feet, ( miles) are to be improved.
2.	The plans for the proposed work are those prepared by DuPage County Division of Transportation
	and approved by the Department of Transportation on
3.	The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4.	The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5.	The undersigned agrees to complete the work within working days or by
6.	A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds <u>will</u> 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:
	County Treasurer of DuPage
	The amount of the check is(5% Bid Bond) ().
7.	In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number
8.	The successful bidder at the time of execution of the contract <u>will</u> be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.
9.	Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
10.	A bid will be declared unacceptable if neither a unit price nor a total price is shown.
11.	The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.
12.	The undersigned further agrees that if awarded the contract for the sections contained in the combinations on

BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid

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### **RETURN WITH BID**



### **SCHEDULE OF PRICES**

\$449,578.50

County: **DuPage** 

Local Public Agency: DuPage County DOT

Section: 20-PVMKG-08-GM

Route: Various

### **Schedule for Multiple Bids**

Combination Letter	Sections included in Combinations	Total

### Schedule for Single Bid

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

Bidder's proposal for making entire improvements

	Bidder 3 proposar for making en	ntile impre	vemento	<del> </del>	0.000
14				1	
Item No.	Items	Unit	Quantity	Unit Price	Total
1	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	22200	3.75	83,250.00
2	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19000	0.50	9,500.00
3	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	81250	0.75	60,937.50
4	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	8000	1.00	8,000.00
5	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	45400	1.50	68,100.00
6	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	8200	3.75	30,750.00
7	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	494000	0.20	98,800.00
8	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1000	5.00	5,000.00
9	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	9000	0.50	4,500.00
10	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	3000	0.90	2,700.00
11	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	950	1.20	1,140.00
12	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1600	2.00	3,200.00
13	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	550	5.00	2,750.00
14	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	131500	0.30	39,450.00
15	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	500	22.00	11,000.00
16	REPLACEMENT REFLECTOR	EACH	500	10.00	5,000.00
17	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1.00	1.00
18	MODIFIED URETHANE PAVEMENT MARKING - RAISED MEDIAN	SQ FT	3000	3.00	9,000.00
19	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	3,500.00	3,500.00
20	RAILROAD FLAGGER	DOLLARS	3000	1.00	3,000.00

### **CONTRACTOR CERTIFICATIONS**

County DuPage
Local Public Agency DuPage County D.O.T.

Section Number 20-PVMKG-08-GM

Route Various

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

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

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

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

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

		County	Durage		
0101117177		Local Public Agency	DuPage County D.O.T.		
SIGNATURES			20-PVMKG-08-GM		
			Various		
or and the second					
lf an individual)					
	Signature of Bidder				
	_				
	Business Address				
	_				
(If a northographin)					
(If a partnership)	Firm Name				
	Signed By				
	Business Address				
	_				
	<b>y</b> _				
Inset Names and Addressed of All	l Partners				
	_				
(If a corporation)		ILANG OF NO	MY CITY DION JUN		
	Corporate Name	operior 100	AD STriping and		
	Ciamad Dv	Chan Marin			
	Signed By		President		
	Business Address	220 1) HOUT	horne Ave		
	Dusilless Address 1	Nelviso Dans	to bolled		
	1	HEILING PAINC	40000		
	0.				
	President	JOAN YAM			
	7	Oha III			
Insert Names of Office	cers Secretary _	JOSEPH YAR	)		
**************************************		000	2		
	Treasurer	JUSEDH YAY	VV		
$\sim$ $\sim$ $\sim$					
Attest: XXXIII XXIII					



### Return to Buyer and with Bid

## Apprenticeship or Training Program Certification

Route	Various	
County	DuPage	
Local Agency	DuPage County D.O.T.	
	20-PVMKG-08-GM	

All c	contractors are required to complete the following certification:
<b>√</b> Fc	or this contract proposal or for all groups in this deliver and install proposal.
□ Fo	or the following deliver and install groups in this material proposal:
requi appro requi (1) ap (2) ap	County of DuPage policy, adopted in accordance with the provisions of DuPage County, Illinois County Code, res this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to eval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal res all bidders and all bidders' subcontractors to disclose participation in apprenticeship or training programs that are approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the wing certification:
í.	Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
II.	The undersigned bidder further certifies for work to be performed by subcontract that each of its subcontractors submitted for approval either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
III.	The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work.
	TINTERNATIONAL BOOTHER HODD OF FEAMSTERS
	LOCAL 786

certification pr and shall mak listed. The De Certificate of F and any or all	povision to be included be certain that each type partment at any time degistration issued by of its subcontractors.	before or after award may the United States Departm	ory that will require the tent of Labo pation require application install properties.	Il be utilized on the production of a copor evidencing such hirement, it shall not ons for apprentices	



### Local Agency Proposal Bid Bond

									Route	Various	
			-					_	County	<u>DuPage</u>	
			L	F	RETURI	HTIW F	BID		Local Agency	DuPage C	ounty D.O.T.
									Section	20-PVMK	G-08-GM
						PAPER	BID BOND	-			- 1000-100-00-00
W	E Super	ior Road St	triping	Inc.			1980 Ha	awthorne Aver	nue, Melrose Pa	ark, IL 60160	as PRINCIPAL,
and	The Gu	uarantee Co	ompar	y of N	orth Ame	erica US	A One Tow	ne Square, Suite	e 1470 , Southfiel	d, MI 48076	_ as SURETY.
the ar	nount speci	fied in the prop	osal do	cuments	in effect or	the date of	Invitation for	r bids whicheve	LA") in the penal er is the lesser si ions of this instr	.m. We bind ou	ne total bid price, or for irselves, our heirs,
		HE CONDITION							INCIPAL is subr	nitting a written	proposal to the LA actin
shall v of the Speci	within fifteer required in fications, th	n (15) days afte surance covera en this obligation	er award age, all a on shall	enter int as provid become	to a formal ed in the "S vold; other	contract, ful Standard Sp wise it shall	mish surety of ecifications for remain in fu	guaranteeing the for Road and B Il force and effe	ne faithful perform ridge Construction ect.	nance of the wo on" and applicat	n and the PRINCIPAL rk, and furnish evidence tile Supplemental
prece	ding paragr	T the LA deten aph, then the L s, all attorney t	A acting	through	its awardin	ng authority	shall immed	nal contract in c iately be entitle	compliance with ed to recover the	any requirement full penal sum s	ts set forth in the set out above, together
	TESTIMON ctive officer			PRINC day of	IPAL and th	ne said SUF March		aused this instr 202	rument to be sign	ned by their	
							Principal				
Supe	rior Road	d Striping, I	nc.								
	01		pany Na	ne)			_		(Сол	ipany Name)	
Ву:	Joan Ya	eu U	ident	A /	gnature and	Title)	Ву: _		(Signa	ture and Title)	
/16			F. 11 T. 12 F. 11				nany namos	and authorize	d signatures of		must have be been
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		fy that Joan	Vario			_ ' a NU	and		A. Foulk		
uo ne	stepy certifi	y that Joan	Tanc		- (	Insert names			of PRINCIPAL &	SURETY	
SURE	TY, appear		this day	in persor	same person and ackno	ns whose n	ames are su	bscribed to the	foregoing Instru	ment on behalf	of PRINCIPAL and as their free and
		Given und	ler my l	nand an	d notarial	seal this	10th	day of	N	larch,	
Мус	ommission	expires									
		-						See Attac	hed (	Notary Public)	
		N 7 7 2 2				ELECTR	ONIC BID				
The I an elethe P ventu	Principal mectronic bi rincipal and are of two	nay submit and d bond ID cool d Surety are	electro de and firmly b	onic bid signing ound u	bond, in li below, the nto the LA	eu of com Principal under the	pleting the is ensuring conditions	above section the identified of the bid bo	d electronic bid	al Bid Bond F bond has bee bove. (If PRII	orm. By providing en executed and NCIPAL is a joint ixed for each
	Electronic	Bid Bond ID Co	de			_		(Company/E	Bidder Name)		
						-		(Signature	e and Title)		Date

### SURETY COMPANY ACKNOWLEDGMENT

STATE OF ILLINOIS )
COUNTY OF COOK) ss:

On this 10th day of March in the year 2020, before me personally came

Sharon A. Foulk, to me known, who, being by me duly sworn, did depose and say that she resides in Island Lake, Illinois; that he is the ATTORNEY-IN-FACT of The Guarantee Company of North America USA, the corporation described in and which executed the above instrument; that she knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

OFFICIAL SEAL
KAREN E SOCHA
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:01/13/24

Notary Public

Karen E. Socha, Exp. 1/13/2024

STATE OF ILLINOIS )
COUNTY OF COOK) ss:

On this 10th day of March in the year 2020 before me personally came Joan Yario, to me known, who, being by me duly sworn, did depose and say he/she resides in Bensenville, Illinois and that she is the President of the Superior Road Striping, Inc. the corporation described in and which executed the foregoing instrument; that he/she knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of said corporation and that he signed his/her name thereto by like order.

Notary Public

Sandra De Hoyos, Exp. 2/23/2024

Official Seal
Sandra Dehoyos
Notary Public State of Illinois
Viv Commission Expires 02/23/2024



### The Guarantee Company of North America USA Southfield, Michigan

Bond No. Bid Bond

Principal: Superior Road Striping, Inc.
Oblique: DuPage County Division of Transportation

**POWER OF ATTORNEY** 

NOW ALL BY THESE PRESENTS: That THE GUARANTEE COMPANY OF NORTH AMERICA USA, a corporation organized and existing under the laws of the State of Michigan, having its principal office in Southfield, Michigan, does hereby constitute and appoint

Sharon A. Foulk

Arthur J Gallagher Risk Management Services, Inc.

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these presents, shall be as binding upon THE GUARANTEE COMPANY OF NORTH AMERICA USA as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

The Power of Attorney is executed and may be certified so, and may be revoked, pursuant to and by authority of Article IX, Section 9.03 of the By-Laws adopted by the Board of Directors of THE GUARANTEE COMPANY OF NORTH AMERICA USA at a meeting held on the 31<sup>st</sup> day of December, 2003. The President, or any Vice President, acting with any Secretary or Assistant Secretary, shall have power and authority:

1. To appoint Attorney(s)-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof; and

2. To revoke, at any time, any such Attorney-in-fact and revoke the authority given, except as provided below

3. In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

4. In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner — Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of the Company adopted at a meeting duly called and held on the 6th day of December 2011, of which the following is a true excerpt:

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, THE GUARANTEE COMPANY OF NORTH AMERICA USA has caused this instrument to be signed and

its corporate seal to be affixed by its authorized officer, this 2<sup>nd</sup> day of October, 2015.

OF MAMERICAN AMERICAN

THE GUARANTEE COMPANY OF NORTH AMERICA USA

STATE OF MICHIGAN County of Oakland Stephen C. Ruschak, President & Chief Operating Officer

Randall Musselman, Secretary

andre Trus

On this 2nd day of October, 2015 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each is the herein described and authorized officer of The Guarantee Company of North America USA; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of said Company.



Cynthia A. Takai Notary Public, State of Michigan County of Oakland

My Commission Expires February 27, 2024 Acting in Oakland County IN WITNESS WHEREOF, I have hereunto set my hand at The Guarantee Company of North America USA offices the day and year above written.

Cynthia a. Takai

I, Randall Musselman, Secretary of THE GUARANTEE COMPANY OF NORTH AMERICA USA, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by THE GUARANTEE COMPANY OF NORTH AMERICA USA, which is still in full force and effect.

CHEANTEE COMPANY STATES

IN WITNESS WHEREOF, I have thereunto set my hand and attached the seal of said Company this 10th day of March, 2020.

Randall Musselman, Secretary



### **Affidavit of Illinois Business Office**

	County	DuPage
	Local Public Agency	DuPage County D.O.T
	Section Number	20-PVMKG-08-GM
	Route	Various
State		
Coun	ity of Dipage ) ss.	
l, <u>(</u>	John YACO of Bensenville (City of Affiant)	(State of Affiant
being	first duly sworn upon oath, states as follows:	
1.	That I am the President of Superior	or MOUS STriping RC
2.	That I have personal knowledge of the facts herein stated.	
3.	That, if selected under this proposal, Supror Mos Strike (bidder)	Ding Fuc, will maintain a
bu	siness office in the State of Illinois which will be located in Cook	County, Illinois.
4.	That this business office will serve as the primary place of employment construction contemplated by this proposal.	for any persons employed in the
5.	That this Affidavit is given as a requirement of state law as provided in Procurement Code.	Section 30-22(8) of the Illinois
	9	OU (Signature)
		(Print Name of Affiant)
This i	nstrument was acknowledged before me on day of MANA	n 2020.
	Official Seal Sandra Dehoyos Notary Public State of Illinois My Commission Expires 02/23/2024 My Commission Expires 02/23/2024	
(SEAL	L) ***	

Printed 1/31/2020

Illinois Department of Transportation

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

### Affidavit of Availability For the Letting of 3/12/2020

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

### Part I. Work Under Contract

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

	1	2	3	4	Awards Pending	
Contract Number	62G56		62B75	61E97		
Contract With	Peter Baker	Peter Baker	Campanella	D. Const		
Estimated Completion Date	2020	2020	2020	2020		
Total Contract Price	41,719.00	179,549.00	46,571.00	49,219.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor	41,719.00	179,549.00	36,982.00	49,219.00		\$307,469.00
				Total Value	of All Work	\$307,469.00

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

List below the uncompleted dollar value subcontracted to others will be listed on the company. If no work is contracted, show No.	reverse of this for	contract and awards rm. In a joint venture	pending to be comp , list only that portion	leted with your own forces. All work of the work to be done by your	Accumulated Totals
Earthwork					
Portland Cement Concrete Paving					
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Highway, R.R. and Waterway Structures					
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction					
Landscaping					
Fencing					
Guardrail					
Painting V (ETHADE			11,000.00	15,680.00	\$26,680.00
Signing TODVE		53,071.00	12,770.00	18,780.00	\$84,621.00
Cold Milling, Planning & Rotomilling					
Demolition					
Pavement Markings (Paint) Thormo	31,290.00	126478	9,502.00	7,055.00	\$174,325.00
Other Construction (List) VPM	10,429.00		3,710.00	7,704.00	\$21,843.00
					\$ 0.00
Totals	\$41,719.00	\$179,549.00	\$36,982.00	\$49,219.00	\$307,469.00



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

### Affidavit of Availability For the Letting of 3/12/2020

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	1	2	3	4	Awards Pending	
Contract Number	62C51	62G17		61D65		
Contract With	D Const	JAJohnson	K-Five	Plote		
Estimated Completion Date	2020	2020	2020	2020		
Total Contract Price	60,855.00	59,114.00	10295	48,723.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor	5,540.00	59,114.00	10,295.00	48,723.00		\$123,672.00
				Total Value	e of All Work	\$123,672.00

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

List below the uncompleted dollar value subcontracted to others will be listed on the r company. If no work is contracted, show NO	everse of this form	contract and awards m. In a joint venture,	pending to be comp list only that portion	of the work to be d	forces. All work lone by your	Accumulated Totals
Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting ViethAne						
Signing Gropue				11,675.00		\$11,675.00
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint) + 10000		37,094.00	10,295.00	28,573.00		\$75,962.00
Other Construction (List)	5,540.00	22,020.00		8,475.00		\$36,035.00
						\$ 0.00
Totals	\$5,540.00	\$59,114.00	\$10,295.00	\$48,723.00		\$123,672.00



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

### Affidavit of Availability For the Letting of 3/12/2020

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

	1	2	3	4	Awards Pending	
Contract Number	60L71	60L72				
Contract With	TSI	TSI				
Estimated Completion Date	2020	2020				
Total Contract Price	144,218.00	93,125.00				Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor	45,678.00	20,736.00				\$66,414.00
				Total Val	ue of All Work	\$66,414.00

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

List below the uncompleted dollar valu subcontracted to others will be listed on the company. If no work is contracted, show N	reverse of this forr	n. In a joint ventu	re, list only that po	rtion of the work to	be done by your	Accumulated Totals
Earthwork						
Portland Cement Concrete Paving	7					
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting VIETHAME						
Signing Groppe						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)	45,678.00	20,736.00				\$66,414.00
						\$ 0.00
Totals	\$45,678.00	\$20,736.00				\$66,414.00



2300 South Dirksen Parkway/Room 322 Springfield, Illinois 62764

### Affidavit of Availability For the Letting of 3/12/2020

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.

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

	1	2	3	4	Awards Pending	
Contract Number						14
Contract With						
Estimated Completion Date						
Total Contract Price						Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor	497,555.00					\$497,555.00
				Total Va	lue of All Work	\$497,555.00

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

List below the uncompleted dollar valu subcontracted to others will be listed on the company. If no work is contracted, show N	reverse of this form. In a joi	and awards pending to be completed with your own forces. All work int venture, list only that portion of the work to be done by your	Accumulated Totals
Earthwork			
Portland Cement Concrete Paving			
HMA Plant Mix			
HMA Paving			
Clean & Seal Cracks/Joints			
Aggregate Bases & Surfaces			
Highway, R.R. and Waterway Structures			
Drainage			
Electrical			
Cover and Seal Coats			
Concrete Construction			
Landscaping			
Fencing			
Guardrail			
Painting UCPTHARE	38,355.00		\$38,355.00
Signing GYDNE	84,621.00		\$84,621.00
Cold Milling, Planning & Rotomilling			
Demolition			
Pavement Markings (Paint) TOVMI)	250,287.00		\$250,287.00
Other Construction (List) Non	124,292.00		\$124,292.00
			\$ 0.00
Totals	\$497,555.00		\$497,555.00

Part III. Work Subcontracted to Others.

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

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

Subscribed and sworn to before me this day of Type or Print Nan	ne JOAN YARIO PRESIDENT Officer or Director	Title
My commission expires 23-34  Signed   Signed	Mario	
	OR ROAD STRIPING INC	
Notary Seal Official Seal Sandra Dehoyos Notary Public State of Illinois My Commission Expires 02/23/2024 MELROSE PARK IL 6	AWTHORNE AVE	

MOT 2020-8656



# **Required Vendor Ethics Disclosure Statement**

Failure to complete and return this form may result in delay or cancellation of the County's Contractural Obligation.

L	ate:
Bid/Contract/PO #:	20-PVMKG-08-GM

Country's Contractards on Sugar		
Company Name:	Company Contact:	
Contact Phone:	Contact Email:	
Contact Hone		

# The DuPage County Procurement Ordinance requires the following written disclosures prior to award:

1. Every contractor, union, or vendor that is seeking or has previously obtained a contract, change orders to one (1) or more contracts, or two (2) or more individual contracts with the county resulting in an aggregate amount at or in excess of \$25,000, shall provide to Procurement Services Division a written disclosure of all political campaign contributions made by such contractor, union, or vendor within the current and previous calendar year to any incumbent county board member, county board chairman, or countywide elected official whose office the contract to be awarded will benefit. The contractor, union or vendor shall update such disclosure annually during the term of a multi-year contract and prior to any change order or renewal requiring approval by the county board. For purposes of this disclosure requirement, "contractor or vendor" includes owners, officers, managers, lobbyists, agents, consultants, bond counsel and underwriters counsel, subcontractors and corporate entities under the control of the contracting person, and political action committees to which the contracting person has made contributions.

-		Description (e.g. cash type of item in-	7-1-2-7-7-0	
Recipient	Donor	Description (e.g. cash, type of item, in- kind services, etc.)	Amount/Value	Date Made

All contractors and vendors who have obtained or are seeking contracts with the county shall disclose the names and contact information of
their lobbyists, agents and representatives and all individuals who are or will be having contact with county officers or employees in relation to
the contractor bid and shall update such disclosure with any changes that may occur.

### NONE (check here) - If no contacts have been made

Lobbyists, Agents and Representatives and all individuals who are or will be having contact with county officers or employees in relation to the contract or bid	Telephone	Email	

A contractor or vendor that knowingly violates these disclosure requirements is subject to penalties which may include, but are not limited to, the immediate cancellation of the contract and possible disbarment from future county contracts.

### Continuing disclosure is required, and I agree to update this disclosure form as follows:

- If information changes, within five (5) days of change, or prior to county action, whichever is sooner
- 30 days prior to the optional renewal of any contract
- Annual disclosure for multi-year contracts on the anniversary of said contract
- With any request for change order except those issued by the county for administrative adjustments

The full text for the county's ethics and procurement policies and ordinances are available at:

http://www.dupageco.org/CountyBoard/Policies/

I hereby acknowledge that I have received, have read, and understand these requirements.

Authorized Signature

Printed Name

Title

Date

Authorized Signature

Printed Name

Authorized Signature

Printed Name

Authorized Signature

Printed Name

Authorized Signature

Authorized Signatur

Attach additional sheets if necessary. Sign each sheet and number each page. Page \_\_\_\_\_\_ of \_\_\_\_\_ (total number of pages)

Form W-9
(Rev. October 2018)
Department of the Treasury

Internal Revenue Service

### Request for Taxpayer Identification Number and Certification

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

Name (as shown on your income tax return). Name is required on this line;	do not leave this line blank.	
2 Business name/disregarded entity name, if different from above  3 Check appropriate box for federal tax classification of the person whose nate following seven boxes.  Individual/sole proprietor or single-member LLC  Limited liability company. Enter the tax classification (C=C corporation, Note: Check the appropriate box in the line above for the tax classification that is disregarded another LLC that is not disregarded from the owner for U.S. federal tax is disregarded from the owner should check the appropriate box for the Other (see instructions)  5 Address (number, street, and apt. or suite no.) See instructions.	S=S corporation, P=Partnership) ▶ icion of the single-member owner. Do not from the owner unless the owner of the purposes. Otherwise, a single-member et ax classification of its owner.	// certain entities, not individuals, see instructions on page 3):  Exempt payee code (if any)  ot check by the code of the payer of of the pay
6 City, state, and ZIP code  7 List account number(s) here (optional)		
Part I Taxpayer Identification Number (TIN)  Enter your TIN in the appropriate box. The TIN provided must match the na backup withholding. For individuals, this is generally your social security no resident alien, sole proprietor, or disregarded entity, see the instructions for entities, it is your employer identification number (EIN). If you do not have a TIN, later.  Note: If the account is in more than one name, see the instructions for line Number To Give the Requester for guidelines on whose number to enter.	or Part I, later. For other a number, see How to get a	Social security number
Part II Certification		
Under penalties of perjury, I certify that:		A REAL PROPERTY OF THE PARTY OF
<ol> <li>The number shown on this form is my correct taxpayer identification nur</li> <li>I am not subject to backup withholding because: (a) I am exempt from b Service (IRS) that I am subject to backup withholding as a result of a fail no longer subject to backup withholding; and</li> </ol>	ackup withholding, or (b) I have no	ot been notified by the Internal Revenue
3. I am a U.S. citizen or other U.S. person (defined below); and		
4. The FATCA code(s) entered on this form (if any) indicating that I am exer		
Certification instructions. You must cross out item 2 above if you have been you have failed to report all interest and dividends on your tax return. For real acquisition or abandonment of secured property, cancellation of debt, contribution of the than interest and dividends, you are not required to sign the certification,	estate transactions, item 2 does not utions to an individual retirement arra	apply. For mortgage interest paid, angement (IRA), and generally, payments
Sign Here U.S. person > Aul Althous	Date▶	
General Instructions	<ul> <li>Form 1099-DIV (dividends, i funds)</li> </ul>	including those from stocks or mutual
Section references are to the Internal Revenue Code unless otherwise noted.		pes of income, prizes, awards, or gross
Future developments. For the latest information about developments	Form 1099-B (stock or muti	al fund sales and certain other

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

### Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

· Form 1099-INT (interest earned or paid)

- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Page 22 of 168

Page 2

Form W-9 (Rev. 10-2018)

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
- 2. Certify that you are not subject to backup withholding, or
- 3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See What is FATCA reporting, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

**Definition of a U.S. person.** For federal tax purposes, you are considered a U.S. person if you are:

- · An Individual who is a U.S. citizen or U.S. resident allen;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- . An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

- The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
  - 2. The treaty article addressing the income.
- The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
- The type and amount of income that qualifies for the exemption from tax.
- Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

### Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royaltiest, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

### Payments you receive will be subject to backup withholding if:

- 1. You do not furnish your TIN to the requester,
- You do not certify your TIN when required (see the instructions for Part II for details).
  - 3. The IRS tells the requester that you furnished an incorrect TIN,
- 4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
- You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See Exempt payee code, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see Special rules for partnerships, earlier.

### What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See Exemption from FATCA reporting code, later, and the Instructions for the Requester of Form W-9 for more information.

### **Updating Your Information**

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

### **Penalties**

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Page 3

Form W-9 (Rev. 10-2018)

**Criminal penalty for falsifying information.** Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

### Specific Instructions

### Line 1

You must enter one of the following on this line; do not leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. Individual. Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: TTN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

- b. Sole proprietor or single-member LLC. Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.
- c. Partnership, LLC that is not a single-member LLC, C corporation, or S corporation. Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.
- d. Other entities. Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.
- e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity is name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TiN.

### Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

### Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n)	THEN check the box for
Corporation	Corporation
<ul> <li>Individual</li> <li>Sole proprietorship, or</li> <li>Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.</li> </ul>	Individual/sole proprietor or single- member LLC
<ul> <li>LLC treated as a partnership for U.S. federal tax purposes,</li> <li>LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or</li> <li>LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.</li> </ul>	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
Partnership	Partnership
Trust/estate	Trust/estate

### Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

### Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2-The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its polltical subdivisions, agencies, or instrumentalities
- 5-A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8-A real estate investment trust
- 9—An entity registered at all times during the tax year under the investment Company Act of 1940
- 10-A common trust fund operated by a bank under section 584(a)
- 11-A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

Form W-9 (Rev. 10-2018)

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for	THEN the payment is exempt for
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000°	Generally, exempt payees 1 through 5 <sup>2</sup>
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

<sup>1</sup> See Form 1099-MISC, Miscellaneous Income, and its instructions.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

- A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)
  - B-The United States or any of its agencies or instrumentalities
- C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)
- E-A corporation that is a member of the same expanded affillated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)
- F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state
  - G-A real estate investment trust
- H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the investment Company Act of 1940
  - I-A common trust fund as defined in section 584(a)
  - J-A bank as defined in section 581
  - K-A broker
- L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M-A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payed code should be completed.

### Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

### Line 6

Enter your city, state, and ZIP code.

### Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see How to get a TIN below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See What Name and Number To Give the Requester, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one Immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 malled to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

### Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see Exempt payee code, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

- Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983.
   You must give your correct TIN, but you do not have to sign the certification.
- 2. Interest, dividend, broker, and barter exchange accounts opened after 1963 and broker accounts considered inactive during 1963. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.
- Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.
- 4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).
- 5. Mortgage Interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

### What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:	
1. Individual	The individual	
Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account?	
Two or more U.S. persons     (joint account maintained by an FFI)	Each holder of the account	
Custodial account of a minor     (Uniform Gift to Minors Act)	The minor <sup>2</sup>	
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee	
<ul> <li>b. So-called trust account that is not a legal or valid trust under state law</li> </ul>	The actual owner <sup>1</sup>	
Sole proprietorship or disregarded entity owned by an individual	The owner <sup>3</sup>	
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i) (A))	The grantor*	
For this type of account:	Give name and EIN of:	
Disregarded entity not owned by an individual	The owner	
9. A valid trust, estate, or pension trust	Legal entity <sup>4</sup>	
0. Corporation or LLC electing Corporate status on Form 8832 or Form 2553		
<ol> <li>Association, club, religious, charitable, educational, or other tax- exempt organization</li> </ol>	The organization	
12. Partnership or multi-member LLC	The partnership	
13. A broker or registered nominee	The broker or nominee	

For this type of account:	Give name and EIN of
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(0(9))	The trust

- <sup>1</sup> List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.
- <sup>2</sup> Circle the minor's name and furnish the minor's SSN.
- <sup>3</sup> You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.
- <sup>4</sup> List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see Special rules for partnerships, earlier.
- \*Note: The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

### Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- · Protect your SSN,
- · Ensure your employer is protecting your SSN, and
- · Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

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The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@lrs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/lotheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.ldentityTheft.gov and Pub. 5027.

Visit www.irs.gov/ldentityTheft to learn more about identity theft and how to reduce your risk.

### **Privacy Act Notice**

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

### **Joint Purchasing Authorization**

County	DuPage	
Local Public Agency	DuPage County D.O.T	
Section Number	20-PVMKG-08-GM	
Route	Various	
Section Number	20-PVMKG-08-GM	

JOINT PURCHASING: OTHER TAXING BODIES: Based on County Board Resolution IR-084-76.

Would your firm be willing to extend your bid to other taxing bodies in DuPage County such as school districts, townships, cities and villages, etc.? The approximate quantity usage is unknown.

TE		
	** Failure to complete this form will result in default assumption of a "NO" response.	n a

State any other requirements that they would have to meet beyond that of our Bid Invitation and Specifications.

MAILMIM	.\$	10.000.00	

NOTE: The County of DuPage would not be involved in purchasing by any other taxing body other than to receive a copy of their purchase order that would reference the County of DuPage contract number. The invoicing and payments would be entirely between the other taxing bodies and the Contractor. If the County of DuPage accepts this bid, the procedure to handle joint purchases would be developed by the County of DuPage with the Contractor and distributed to the taxing bodies by the County of DuPage.

### 2020 PAVEMENT MARKING MAINTENANCE SEC. 20-PVMKG-08-GM

### **REFERENCES**

All bidders must provide three (3) projects of a similar nature as being performed in the immediate past five (5) years with the name, address and telephone number of the contact person having knowledge of the project or three (3) references (name, address, and telephone number) with knowledge of the integrity and business practices of the contractor.

PROJECT	LANGE COUNTY DOT 2019 PAVEMENT MALKING
FIRM	Walce county pot
ADDRESS	600 W. Winchesser beenville & 60048
CONTACT	The Bennecke
TELEPHONE	847-371-7476
	Λ

PROJECT	MCHEMY COUNTY 2019 PAVEMENTS MARGEM				
FIRM	Mc Henry county pot				
ADDRESS	16111 Nelson up Wropstocic & 60098				
CONTACT	Brapley govson				
TELEPHONE	815-334-4960				

PROJECT	Elimois Dept Transp. Nemous replacements
FIRM	tremois Sept Manaportanon
ADDRESS	2300 S. Drian PARKWAY SAMFIELD & 62764
CONTACT	PAT Kenakhone
TELEPHONE	847-438-2300

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SPECIAL PROVISIONS 2020 PAVEMENT MARKING MAINTENANCE SEC. 20-PVMKG-08-GM

Payment to Subcontractors Railroad Protective Liability Insurance Subcontractor Mobilization Payments Traffic Control Devices – Cones Traffic Spotters

### Canadian National Railway Company

Certificate of Liability Insurance Example Form Flagging – Requirements and Request

Right of Entry License Agreement Information

### **Highway Standard Drawings**

701201-05	Lane Closure, 2L, 2W, Day Only, for Speeds ≥ 45 MPH
701301-04	Lane Closure, 2L, 2W, Short Time Operations
701306-04	Lane Closure, 2L, 2W, Slow Moving Operations Day Only, for Speeds ≥ 45 MPH
701311-03	Lane Closure, 2L, 2W, Moving Operations - Day Only
701336-07	Lane Closure, 2L, 2W, Work Areas in Series, for Speeds ≥ 45 MPH
701421-08	Lane Closure, Multilane, Day Operations Only, for Speeds ≥ 45 MPH to 55 MPH
701422-10	Lane Closure, Multilane, for Speeds ≥ 45 MPH to 55 MPH
701426-09	Lane Closure, Multilane, Intermittent or Moving Operation, for Speeds ≥ 45 MPH
701427-05	Lane Closure, Multilane, Intermittent or Moving Operation, for Speeds ≤ 40 MPH
701501-06	Urban Lane Closure, 2L, 2W, Undivided
701502-09	Urban Lane Closure, 2L, 2W, with Bidirectional Left Turn Lane
701601-09	Urban Lane Closure, Multilane, 1W or 2W with Nontraversable Median
701602-10	Urban Lane Closure, Multilane, 2W with Bidirectional Left Turn Lane
701606-10	Urban Single Lane Closure, Multilane, 2W with Mountable Median
701611-01	Urban Half Road Closure, Multilane, 2W with Mountable Median
701701-10	Urban Lane Closure, Multilane Intersection
701801-06	Lane Closure, Multilane 1W or 2W Crosswalk or Sidewalk Closure
701901-08	Traffic Control Devices
781001-04	Typical Applications Raised Reflective Pavement Markers

- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOWPLOW RESISTANT)
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

RECESSED PAVEMENT MARKER

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SPECIAL PROVISIONS 2020 PAVEMENT MARKING MAINTENANCE SEC. 20-PVMKG-08-GM

### **PLANS**

### **GENERAL NOTES**

### **GENERAL**

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.

### TRAFFIC CONTROL AND PROTECTION

TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN, TRAFFIC SIGNAL PLANS, THESE NOTES, APPLICABLE SPECIAL PROVISIONS, AND SECTION 701 OF THE STANDARD SPECIFICATIONS AS AMENDED BY THE SPECIAL PROVISION FOR WORK ZONE TRAFFIC CONTROL (CHECK SHEET LRS 3).

THE TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.

TYPE I OR TYPE II BARRICADES, DRUMS, OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS SHALL BE REQUIRED ALONG TEMPORARY ROADS, DETOURS, AND SIDE STREETS TO DELINEATE THE TRAVELED WAY WITHIN THE CONSTRUCTION ZONE. THE MAXIMUM SPACING FOR THESE DEVICES SHALL BE 100 FEET CENTER TO CENTER.

BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.

TYPE I OR TYPE II BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.

TYPE I, II AND / OR III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.

WHERE REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FOR EACH STAGE OF CONSTRUCTION.

ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.

SPECIAL PROVISIONS 2020 PAVEMENT MARKING MAINTENANCE SEC. 20-PVMKG-08-GM

THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL FOR THIS PROJECT:

- 701201 Lane Closure, 2L, 2W, Day Only, for Speeds ≥ 45 MPH
- 701301 Lane Closure, 2L, 2W, Short Time Operations
- 701306 Lane Closure, 2L, 2W, Slow Moving Operations Day Only, for Speeds ≥ 45 MPH
- 701311 Lane Closure, 2L, 2W, Moving Operations Day Only
- 701336 Lane Closure, 2L, 2W, Work Areas in Series, for Speeds ≥ 45 MPH
- 701421 Lane Closure, Multilane, Day Operations Only, for Speeds ≥ 45 MPH to 55 MPH
- 701422 Lane Closure, Multilane, for Speeds ≥ 45 MPH to 55 MPH
- 701426 Lane Closure, Multilane, Intermittent or Moving Operation, for Speeds ≥ 45 MPH
- 701427 Lane Closure, Multilane, Intermittent or Moving Operation, for Speeds ≤ 40 MPH
- 701431 Lane Closure, Multilane, Undivided with Crossover, for Speeds ≥ 45 MPH to 55 MPH
- 701501 Urban Lane Closure, 2L, 2W, Undivided
- 701502 Urban Lane Closure, 2L, 2W, with Bidirectional Left Turn Lane
- 701601 Urban Lane Closure, Multilane, 1W or 2W with Nontraversable Median
- 701602 Urban Lane Closure, Multilane, 2W with Bidirectional Left Turn Lane
- 701606 Urban Single Lane Closure, Multilane, 2W with Mountable Median
- 701611 Urban Half Road Closure, Multilane, 2W with Mountable Median
- 701701 Urban Lane Closure, Multilane Intersection
- 701801 Lane Closure, Multilane 1W or 2W Crosswalk or Sidewalk Closure
- 701901 Traffic Control Devices
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

### **GENERAL WORK**

INTENT OF NOMINAL QUANTITIES TO BE USED AS NEEDED FOR PAVEMENT MARKING OF ANY DUPAGE COUNTY PROJECTS

# SUMMARY OF QUANTITIESSCHEDULES OF QUANTITIES

### **SUMMARY OF QUANTITIES**

Section: 20-PVMKG-08-GM

Route: Various

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Item No.	Items	Unit	Quantity	REMOVE & REPLACE	REMOVAL ONLY	NEW MARKINGS	"OTHER" OR NOMINAL
1	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	26200	24500.8			1699.6
2	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	20000	8865			11135
3	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	94700	89913			4787
4	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	9850	9709			141
5	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	52800	46376.13		4344	2080
6	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	9500	9241			259
7	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	570000			538546	31454
8	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1000	873.6		36.4	90
9	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	11000	10007			993
10	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	3250	2827			423
11	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	950	845			105
12	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1600	1433			167
13	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	550	453			97
14	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	154000	143743.1	2201.5		8055.5
15	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	500				500
16	REPLACEMENT REFLECTOR	EACH	500				500
17	TRAFFIC CONTROL AND PROTECTION	L SUM	1				1
18	MODIFIED URETHANE PAVEMENT MARKING - MEDIAN NOSES	SQ FT	3200	2618			582

<sup>\*</sup> DESIGNATES SPECIALTY ITEM ( NONE DESIGNATED )

TOTAL QUANTITIES MAY BE ROUNDED

 $\Delta$  - NOMINAL ADDITIONAL QUANTITY FOR BIDDING PURPOSES (ASSUME SMALL QUANTITIES AT ANY SINGLE LOCATION)

NO. HIGHWAY	INTERSECTION	LF	LF	LF	LF	LF	2020 PAVEN	LF	ING REMOV	E AND REPI	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
NO. HIGHWAY	INTERSECTION	LF	LF	LF	6" SW			12" S.W.	6"	EA.	EA.		EA.	EA.	EA.	LF	LF	LF
		24" S.W	12" S.W.	8" S.W.	CROSSWA	6" SW TURN.	6" S.W. MISC.	MISC.	DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
1 PLAINFIELD-NAPERVILLE RD.	75th ST. TO 87th ST.				LK			HATCH										+
1 PLAINFIELD-NAPERVILLE RD.		S 38	358		184	228			23	2	2						17	36
1 PLAINFIELD-NAPERVILLE RD.		N				190			21	2	1						13	
1 PLAINFIELD-NAPERVILLE RD.		E 26	102															
1 PLAINFIELD-NAPERVILLE RD.	BAILEY RD.	s															34	
1 PLAINFIELD-NAPERVILLE RD.		N															35	
1 PLAINFIELD-NAPERVILLE RD.		S				199			22	2	2						15	
1 PLAINFIELD-NAPERVILLE RD.		N				199			21	2	2						15	
1 PLAINFIELD-NAPERVILLE RD. 1 PLAINFIELD-NAPERVILLE RD.		S 446	156			248	230		24	-	2						37	- 44
I PLAINFIELD-NAPERVILLE RD.	87th ST.	N 116	156			240	230		21	2								11
2 HOBSON RD.	WASHINGTON ST. TO I-355																	
2 HOBSON RD.		E 35	281		166	297				3	3							
2 HOBSON RD.		w				36												
2 HOBSON RD.	HOBSON-MILL DR.	E															64	123
2 HOBSON RD.		w															66	
2 HOBSON RD.		S 18																
2 HOBSON RD.		E				200			19	2	1						135	
2 HOBSON RD.		W 25				204			21	2	1						<del></del>	
2 HOBSON RD.		E 27				117			21	1	1						54	202
2 HOBSON RD.		S 18				44-												
3 HOBSON RD. 2 HOBSON RD.		W E				115 197			20 21	2	1						70	210
2 HOBSON RD.		W				197			21		1						-	210
2 HOBSON RD.		E																
2 HOBSON RD.		w							19	2	1							
2 HOBSON RD.		N 16							13									
2 HOBSON RD.		E															190	91
2 HOBSON RD.		S 22																
2 HOBSON RD.		E				148				2	1							
2 HOBSON RD.		s																
2 HOBSON RD.	NAPER BLVD.	W 40				181			11	3	1						74	41
2 HOBSON RD.	NAPER BLVD.	N																
2 HOBSON RD.		S																
2 HOBSON RD.		E 45				185			14	2	1							
2 HOBSON RD.		w							_	_							76	50
2 HOBSON RD.		E				200			8	2	1							
2 HOBSON RD. 2 HOBSON RD.		w							8	1	1							407
2 HOBSON RD. 2 HOBSON RD.		E W				124			18	1	1						54 66	187
2 HOBSON RD.		S 19				124			10								- 00	
2 HOBSON RD.		E 13				197			20	2	1							
2 HOBSON RD.		w				140			21	1	1						80	305
2 HOBSON RD.		S 18																
2 HOBSON RD.		E				195			11	2	1							
2 HOBSON RD.	TRANQUILITY CT.	w				106			10	1	1							
2 HOBSON RD.	TRANQUILITY CT.	S 14																
2 HOBSON RD.		E															44	64
2 HOBSON RD.		s																
2 HOBSON RD.		w				256			19	2	2						<del></del>	
2 HOBSON RD.		W															64	89
2 HOBSON RD. 2 HOBSON RD.		S 26 E				198			21	2	4							478
2 HOBSON RD. 2 HOBSON RD.		W				198			21		1						76	4/8
2 HOBSON RD.		S															10	
2 HOBSON RD.		S E				100			20	1	1							144
2 HOBSON RD.		w				132			23	1	1							
2 HOBSON RD.		S 15																
2 HOBSON RD.		E				200			20	2	1							113
2 HOBSON RD.		w				195			20	2	1							
2 HOBSON RD.		N 14																
2 HOBSON RD.		E				121			20	1	1						76	810
2 HOBSON RD.		w				118											72	
2 HOBSON RD.		S 16																
2 HOBSON RD.		E								2								
2 HOBSON RD.		N 16																
2 HOBSON RD.		E				121			21	1	1						66	144
2 HOBSON RD.		w				190			21	2	1						-	
2 HOBSON RD.	LYNN DR.	N 13																

											ACE - THER							
NO. HIGHWAY	INTERSECTION	LF	LF	LF	LF 6" SW	LF	LF	LF 12" S.W.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
		24" S.W	12" S.W.	8" S.W.	CROSSWA	6" SW TURN.	6" S.W. MISC.	MISC.	6" DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
2 HOBSON RD.	LYNN DR.	E			LK	136		HATCH	21	1	1						60	132
2 HOBSON RD.	MITCHELL LN.	w															80	
2 HOBSON RD.	MITCHELL LN.	S 17																
2 HOBSON RD.	MITCHELL LN.	E				200			20	1	1							80
2 HOBSON RD.	CREEK DR.	w				400			38	3	2							
2 HOBSON RD.	CREEK DR.	N 13																
2 HOBSON RD.	CREEK DR.	S 12																
2 HOBSON RD.	GREENE RD.	W 40				273			42	3	2							12
2 HOBSON RD.	GREENE RD.	S 36			144													
2 HOBSON RD.	GREENE RD.	E 46				332			39	3	2							140
2 HOBSON RD.	DOUBLE EAGLE DR.	W	99															
2 HOBSON RD.	DOUBLE EAGLE DR.	N																
2 HOBSON RD.	DOUBLE EAGLE DR.	E 28	49	129		201			28	2	1						72	150
2 HOBSON RD.	HOBSON VALLEY DR.	W				118			24	1	1							
2 HOBSON RD.	HOBSON VALLEY DR.	E															52	95
2 HOBSON RD.	ROUTE 53	W 56				480			40	4	4							
2 HOBSON RD.	ROUTE 53	E 70				520			36	4	4			4				34
2 HOBSON RD.	WOODRIDGE DR.	W 37	230		151	191			12	5	2						75	112
2 HOBSON RD.	WOODRIDGE DR.	E 42	204			266			18	2	2						22	92
2 HOBSON RD.	PRENTICE DR.	w				74			21	1	1						70	25
2 HOBSON RD.	PRENTICE DR.	E				94			19	1	1						11	
a DELMONT DD	COURT AT ALL COREN AVE																	
2 BELMONT RD.	63rd ST. to OGDEN AVE.									_								
2 BELMONT RD.	63rd ST.	S 38	132			542			32	4	4	2						
2 BELMONT RD.	59th ST.	S 23	96															
2 BELMONT RD.	59th ST.	N 30	108			440			- 44	1	1							
2 BELMONT RD. 2 BELMONT RD.	MAPLE AVE. MAPLE AVE.	S 33 N 34	126 144			119 354			14 15	3	3							27
2 BELMONT RD.	CURTISS ST.	S 34	144			151			19	2	1							52
2 BELMONT RD.	CURTISS ST.	N 40				150			20	2	1							32
2 BELMONT RD.	HITCHCOCK AVE.	S				100			20		'						54	96
2 BELMONT RD.	HITCHCOCK AVE.	N				70			16	1	1							30
2 BELMONT RD.	TRAIN STATION RAMPS	s				- 10			14	1	1							- 00
2 BELMONT RD.	TRAIN STATION RAMPS	E 13	154	300						2	1							
2 BELMONT RD.	TRAIN STATION RAMPS	W 13	105	227						2	1							
2 BELMONT RD.	TRAIN STATION RAMPS	N				160			18	2	1							82
2 BELMONT RD.	HADDOW AVE.	S 36				150			21	1	1							
2 BELMONT RD.	HADDOW AVE.	N 38	120							3				2				
2 BELMONT RD.	PRARIE AVE.	S 30								2							66	81
2 BELMONT RD.	PRARIE AVE.	N 34	138			189			15	2	2			2				36
3 FERRY RD.	EOLA to RTE. 59																	
3 FERRY RD.	RTE. 59	E 52	300		243	208			22	2	1							
3 FERRY RD.	PROSPECT CIR.	w				204			21	2	2						14	
3 FERRY RD.	PROSPECT CIR.	E				200			17	2	2						14	
3 FERRY RD.	FRIEDER LN.	W				185			25	1	1						15	
3 FERRY RD.	FRIEDER LN.	E				202				2	2						15	
3 FERRY RD.	MERIDIAN RD.	W				135			28	1	1						20	
3 FERRY RD.	MERIDIAN RD.	E				125			24	1	1						20	
3 FERRY RD.	MEADOW RD.	w				163			19	1	1						20	
3 FERRY RD.	MEADOW RD.	E				361			41	3	3						20	
3 FERRY RD.	DUKE PKWY.	w				133			18	1	1						22	
3 FERRY RD.	DUKE PKWY.	E				191			20	2	2						22	
3 FERRY RD.	IRON GATE LN.	w				153			22	1	1						20	
3 FERRY RD.	IRON GATE LN.	E	210			185			20	1	1						20	
3 FERRY RD.	BARCLAY RD.	w				194			21	1	1						27	-
3 FERRY RD.	BARCLAY RD.	E								2							70	440
3 FERRY RD.	CELEBRATION DR.	w				445										-	72	110
3 FERRY RD.	CELEBRATION DR.	E	240			145			23 42	1	4						22	
3 FERRY RD.	RTE. 59	W 54	246			532			42	4	4						20	
4 ROSELLE RD.	IRVING PARK RD. TO CENTRAL AVE.																	-
		0 00					407											-
4 DOCELLE DD	IRVING PARK RD. CENTRAL AVE.	S 60 N 60	20 20				127 194								2			-
4 ROSELLE RD.	CENTRAL AVE.	IN 60	20				194											
4 ROSELLE RD. 4 ROSELLE RD.																		
4 ROSELLE RD.																		
4 ROSELLE RD. 5 MAIN ST.	ST. CHARLES RD. to NORTH AVE.	S 22	162			220			44	•	,		4					
4 ROSELLE RD.		S 33	162 158		100	230			44	2	3		1					

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NO. HIGHWAY	INTERSECTION	LF	LF	LF	LF	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
		24" S.W	12" S.W.	8" S.W.	6" SW CROSSWA	6" SW TURN.	6" S.W. MISC.	12" S.W. MISC.	6" DASHES	ARROWS	ONLY'S	COMB.	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
					LK	TOTAL.	mioo.	HATCH	DAGILEG			Anto						
5 GLEN ELLYN RD.	NORTH AVE. to N OF FULLERTON																	
5 GLEN ELLYN RD.	NORTH AVE.	N																41
5 GLEN ELLYN RD.	ARMITAGE AVE.	S 37				120			15	1	1							137
5 GLEN ELLYN RD.	ARMITAGE AVE.	N 36				122			16	1	1						34	141
5 GLEN ELLYN RD.	NOLAN AVE	S															38	
5 GLEN ELLYN RD.	NOLAN AVE	N															17	5
5 GLEN ELLYN RD.	WINTHROP AVE.	S												2				
5 GLEN ELLYN RD.	WINTHROP AVE.	N 48	153											_				
5 GLEN ELLYN RD.	FULLERTON AVE	S 44				100			17	1	1			2			18	137
5 GLEN ELLYN RD.	FULLERTON AVE	N 36				100			16	1	1						22	153
10 PROSPECT AVE.	IRVING PARK RD. to GRANVILLE AVE.																	
10 PROSPECT AVE.	IRVING PARK RD. TO GRANVILLE AVE.	N 42				434			20	3	3						40	249
10 PROSPECT AVE.	SCHILLER ST.	S 42	132			79			13	1	1						40	249
10 PROSPECT AVE.	SCHILLER ST.	N 72	132			15			13						2		32	41
10 PROSPECT AVE.	INDUSTRIAL DR.	S 72													2		122	<del></del>
10 PROSPECT AVE.	INDUSTRIAL DR.	N N				151			14	1	1				_		18	57
10 PROSPECT AVE.	ITASCA PUBLIC WORKS	S				101											10	169
10 PROSPECT AVE.	GRANVILLE AVE.	s						438	21	2	1						19	123
		- I-									<u> </u>							
11 ARMY TRAIL RD.	GERBER to SCHMALE																	
11 ARMY TRAIL RD.	GERBER RD.	W 50	245		161	412			36	4	4							
11 ARMY TRAIL RD.	GERBER RD.	N 12	87															
11 ARMY TRAIL RD.	GERBER RD.	E 36	138			313				2	2							308
11 ARMY TRAIL RD.	FAIR OAKS RD.	W 30	138														78	
11 ARMY TRAIL RD.	FAIR OAKS RD.	E 36	144			195			21	2	1							
11 ARMY TRAIL RD.	FAIR OAKS PLAZA	w															64	108
11 ARMY TRAIL RD.	FAIR OAKS PLAZA	E				100			17	1	1							
11 ARMY TRAIL RD.	SPRING VALLEY DR.	W 40	144			157			18	1	1							
11 ARMY TRAIL RD.	SPRING VALLEY DR.	E 36	156			184			15	2	1							
11 ARMY TRAIL RD.	SERVICE DR.	w				70			15	1	1							
11 ARMY TRAIL RD.	SERVICE DR.	E															60	175
11 ARMY TRAIL RD.	BAYSIDE DR.	w				150			19	2	1							
11 ARMY TRAIL RD.	BAYSIDE DR.	E															56	80
11 ARMY TRAIL RD.	OUR SAVIOR LUTHERAN CHURCH	W															52	
11 ARMY TRAIL RD.	OUR SAVIOR LUTHERAN CHURCH	E				152			21	2	1							214
11 ARMY TRAIL RD.	WOODLAKE DR.	W 37	174			260			18	2	2							
11 ARMY TRAIL RD.	WOODLAKE DR.	E 39	174			250			19	2	2							278
11 ARMY TRAIL RD.	BENNINGTON DR.	w															78	
11 ARMY TRAIL RD.	BENNINGTON DR.	E				126			10	1	1							
11 ARMY TRAIL RD.	SANDPIPER DR.	w				70			14	1	1							
11 ARMY TRAIL RD.	SANDPIPER DR.	E															56	112
11 ARMY TRAIL RD.	DOLLAR GENERAL	w																
11 ARMY TRAIL RD.	DOLLAR GENERAL	E 40	400			100			12	1	1							
11 ARMY TRAIL RD.	COUNTY FARM RD.	W 40	162			267			17	2	2							
11 ARMY TRAIL RD.	COUNTY FARM RD.	E 40	168			165			22	2	1					-		97
11 ARMY TRAIL RD. 11 ARMY TRAIL RD.	BURGER KING BURGER KING	W E				92			9	1	1							+
11 ARMY TRAIL RD.	MARINE DR.	W				90			9	1	1							+
11 ARMY TRAIL RD.	MARINE DR.	E				30			-	· '							52	47
11 ARMY TRAIL RD.	HERITAGE PLAZA	w															52	
11 ARMY TRAIL RD.	HERITAGE PLAZA HERITAGE PLAZA	E				175			21	2	1						32	106
11 ARMY TRAIL RD.	CLIPPER DR.	W 42				175			21	2	1							
11 ARMY TRAIL RD.	CLIPPER DR.	E 42				148			20	2	1							398
11 ARMY TRAIL RD.	AUTOZONE	w				140											58	
11 ARMY TRAIL RD.	AUTOZONE	E				148			20	2	1							
11 ARMY TRAIL RD.	MADSEN DR./KUHN RD.	W 52				362			42	4	3							
11 ARMY TRAIL RD.	MADSEN DR./KUHN RD.	E 51	60	109		284			37	3	2							
11 ARMY TRAIL RD.	LOWE'S	w	213	141		84				1	1							
11 ARMY TRAIL RD.	совтсо	E	114	168		143			18	2	1							14
11 ARMY TRAIL RD.	MERBACH DR.	W 36	11			150			21	1	1							
11 ARMY TRAIL RD.	MERBACH DR.	E 44				148			18	1	1							
11 ARMY TRAIL RD.	COMMONS OF ARMY TRAIL	w															46	52
11 ARMY TRAIL RD.	COMMONS OF ARMY TRAIL	E				150			10	1	1							
11 ARMY TRAIL RD.	84TH CT.	E 69													2		24	13
11 ARMY TRAIL RD.	BRIGHTON DR.	W 69				192			20	2	2				2		13	
11 ARMY TRAIL RD.	OLD GARY AVE.	w				220				2	2						75	34
11 ARMY TRAIL RD.	OLD GARY AVE.	E				66			13	1	1						15	

NO LIIGURAAV	INTERRECTION											LACE - THEF							1.5
NO. HIGHWAY	INTERSECTION	LI	+	LF	LF	LF 6" SW	LF	LF	LF 12" S.W.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
		24" 5	.w	12" S.W.	8" S.W.	CROSSWA LK	6" SW TURN.	6" S.W. MISC.	MISC.	6" DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
11 ARMY TRAIL RD.	GARY AVE.	W 57	- +	216		LK	802		HAICH	40	5	5						30	
11 ARMY TRAIL RD.	GARY AVE.	E 58		216			645			77	6	6						15	
11 ARMY TRAIL RD.	KNOLLWOOD DR.	W 37		150			333			20	2	2						15	
11 ARMY TRAIL RD.	KNOLLWOOD DR.	E 36	i	150			265			20	2	2						15	
11 ARMY TRAIL RD.	SPRINGFIELD DR.	W 45		174			542			42	4	4						15	
11 ARMY TRAIL RD.	SPRINGFIELD DR.	E 44	_	174			440			41	3	3							
11 ARMY TRAIL RD.	BUTTERFIELD DR.	W 49 E 38	_	174	470		483			40	4	4						16	+
11 ARMY TRAIL RD. 11 ARMY TRAIL RD.	BUTTERFIELD DR. FIFTH/THIRD BANK	E 38		252 120	172		192 150			21 22	1	1						15 50	+
11 ARMY TRAIL RD.	FIFTH/THIRD BANK	S 22	_	132			150			- 22		1						50	
11 ARMY TRAIL RD.	FIFTH/THIRD BANK	E 34		102			215			20	2	2						15	
11 ARMY TRAIL RD.	MARTIN LN.	w									_							35	
11 ARMY TRAIL RD.	MARTIN LN.	E					338			20	2	2						16	
11 ARMY TRAIL RD.	SCHMALE RD.	W 55	i	210			658			40	4	4						22	11
11 ARMY TRAIL RD.	SCHMALE RD.	E 35	i	159			553			20	3	3						15	
14 EOLA RD.	BUTTERFIELD RD. to NEW YORK ST.																		
14 EOLA RD.	BUTTERFIELD RD.	S 27	<u> </u>				210			22	2	2						104	38
14 EOLA RD. 14 EOLA RD.	ST. ATHANASIUS CHURCH ST. ATHANASIUS CHURCH	N S					100			21	1	1						14 44	+
14 EOLA RD.	AURORA GENERATION	N N					151			21	2	1						16	
14 EOLA RD.	AURORA GENERATION AURORA GENERATION	S					101			21								60	+
14 EOLA RD.	XPO LOGISTICS N ENTRANCE	N N	-				158			17	2	2						17	
14 EOLA RD.	XPO LOGISTICS N ENTRANCE  XPO LOGISTICS N ENTRANCE	S					100			- 17								57	_
14 EOLA RD.	OLD FERRY RD.	N					155			19	2	1						55	
14 EOLA RD.	OLD FERRY RD.	S																	
14 EOLA RD.	OLD FERRY RD.	E 14																	
14 EOLA RD.	FERRY RD.	N 45		230		189	195			22	2	2							
14 EOLA RD.	FERRY RD.	W 60		355		280													
14 EOLA RD.	FERRY RD.	S 50	ı	240		200	403			46	4	4							
14 EOLA RD.	PROSPECT DR.	N					208			21	2	1						17	
14 EOLA RD.	PROSPECT DR.	E 34																	
14 EOLA RD.	PROSPECT DR.	S																51	
14 EOLA RD.	DIEHL RD.	N 64	_	306	856		535		295	79								25	
14 EOLA RD.	DIEHL RD.	W 66		435			864					_							
14 EOLA RD. 14 EOLA RD.	DIEHL RD. MUSTANG WAY	S 67		529 165	793	167	380			85 45	5 4	5 4						24 14	+
14 EOLA RD.	MUSTANG WAY	E 24	_	216		164	300			45	4	4						14	+
14 EOLA RD.	MUSTANG WAY	S 40		210	709	104				14	2	1						56	_
14 EOLA RD.	MOLITOR RD.	N 50	_	101	266		430			28	4	4						- 00	
14 EOLA RD.	MOLITOR RD.	W 31	_	126		132													
14 EOLA RD.	MOLITOR RD.	E 48		207		207													
14 EOLA RD.	MOLITOR RD.	S 50	1	744	1406	228				77	4	3						28	
14 EOLA RD.	METEA S. ENTRANCE	s		326	522					22	1	1						17	
14 EOLA RD.	BENNETT PL.	N					198			20	2	1						14	
14 EOLA RD.	BENNETT PL.	S																45	
14 EOLA RD.	HAVERHILL DR.	N 48	_	180		l	180			20	2	2							
14 EOLA RD.	HAVERHILL DR.	E 26				168													+
14 EOLA RD. 14 EOLA RD.	HAVERHILL DR.	W 29 S 42		186		127	228			19	-	2							+
14 EOLA RD. 14 EOLA RD.	HAVERHILL DR. INDIAN TRAIL RD.	N 61	_	186 222			446			19 38	4	4						18	+
14 EOLA RD.	INDIAN TRAIL RD.	E 52		222		223	440			30	4	4						10	+
14 EOLA RD.	INDIAN TRAIL RD.	W 60				228													+
14 EOLA RD.	INDIAN TRAIL RD.	S 56		384	393		726			59	7	6						18	
14 EOLA RD.	SHEFFER DR.	N 48		321	268		492			44	5	4						18	
14 EOLA RD.	SHEFFER DR.	E 30		198															
14 EOLA RD.	SHEFFER DR.	W 55				216													
14 EOLA RD.	SHEFFER DR.	S 48		276	144		396			45	3	2						18	
14 EOLA RD.	WATERSTONE DR.	N																53	
14 EOLA RD.	WATERSTONE DR.	E 24		156															
14 EOLA RD.	WATERSTONE DR.	S	_				209			16	2	2						17	
14 EOLA RD.	LIBERTY ST.	N 62		234			492			45	4	4						13	-
14 EOLA RD.	LIBERTY ST.	E 54				228													+
14 EOLA RD.	LIBERTY ST.	W 52		240		207	440												+
14 EOLA RD.	LIBERTY ST.	S 53	-	210			416			44	4	2						14	+
14 EOLA RD. 14 EOLA RD.	WEBER RD. WEBER RD.	N S					208			21	2							14 34	+
14 EOLA RD.	EOLA PROFESSIONAL SUITES	N N					210			20	2	1						17	+
14 EOLA RD.	EOLA PROFESSIONAL SUITES EOLA PROFESSIONAL SUITES	S	-				155			20	2	1						14	+
IT LOLA NO.	EULA FROFESSIONAL SUITES	J					100			- 22					1			14	

NO INCIDIANA	INTERSECTION						2020 PAVEN	LF		E AND REP								1.5
NO. HIGHWAY	INTERSECTION	LF	LF	LF	LF 6" SW	LF		12" S.W.	EA. 6"	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
		24" S.W	12" S.W.	8" S.W.	CROSSWA LK	6" SW TURN.	6" S.W. MISC.	MISC. HATCH	DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
14 EOLA RD.	NEW YORK ST.	N			LN	268		HAICH	48	2	2							
21 GENEVA RD. 21 GENEVA RD.	RTE. 59 to COUNTY FARM RD.	E 37	236	155		349			43	4	4						15	
21 GENEVA RD.	PRINCE CROSSING RD.	W 38	200	100		168			21	2	2						- 10	17
21 GENEVA RD.	PRINCE CROSSING RD.	N 36	174															
21 GENEVA RD.	PRINCE CROSSING RD.	E 37				200			20	2	2							
21 GENEVA RD.	WINFIELD RD.	W 26	126														48	142
21 GENEVA RD.	WINFIELD RD.	S 30	123		132													
21 GENEVA RD.	WINFIELD RD.	E 36	138			261			21	2	2							22
21 GENEVA RD.	COUNTY FARM RD.	W							21									27
23 GARY AVE.	I-390 to GENEVA RD.																	
23 GARY AVE.	TRAVIS PKWY.	N 50				345			44	3	3						15	
23 GARY AVE.	TRAVIS PKWY.	S 36	241	127					24	2	1						15	
23 GARY AVE.	CENTRAL AVE.	N 44	192			193			29	2	2						12	
23 GARY AVE.	CENTRAL AVE.	S 50	228			201			27	2	2						12	
23 GARY AVE.	TURNBERRY LAKES N. ENTRANCE	N				196			26	2	2						12	
23 GARY AVE.	TURNBERRY LAKES N. ENTRANCE	S															62	
23 GARY AVE.	TURNBERRY LAKES S. ENTRANCE	N				217			22	2	2						12	
23 GARY AVE.	TURNBERRY LAKES S. ENTRANCE	S															62	
23 GARY AVE.	AFFORDABLE OFFICE INTERIORS	N				210			28	2	2						12	
23 GARY AVE.	AFFORDABLE OFFICE INTERIORS	S															48	
23 GARY AVE. 23 GARY AVE.	LAKE ST.	N 60				580 304			50	4	4							
23 GARY AVE.	LAKE ST. WEBSTER AVE.	S 26				304			50	4	2						60	40
23 GARY AVE.	WEBSTER AVE. WEBSTER AVE.	W 22	120														60	40
23 GARY AVE.	WEBSTER AVE.	S 22	120			149			22	4	1							45
23 GARY AVE.	FOSTER AVE.	N N				150			21	4	1							45
23 GARY AVE.	FOSTER AVE.	W 25	126															
23 GARY AVE.	FOSTER AVE.	E 20	108															
23 GARY AVE.	FOSTER AVE.	s				150			20	6	1							50
23 GARY AVE.	ARGYLE AVE.	N				150			20	4	1							50
23 GARY AVE.	ARGYLE AVE.	E 20	120															
23 GARY AVE.	ARGYLE AVE.	S								2							66	
23 GARY AVE.	BISCAYNE ST.	N															66	
23 GARY AVE.	BISCAYNE ST.	W 24	102															
23 GARY AVE.	BISCAYNE ST.	S				150			22	2	1							185
23 GARY AVE.	LAWRENCE AVE.	N 36	132			144			18	2	1							
23 GARY AVE.	LAWRENCE AVE.	S 36	168			136			15	2	1							522
23 GARY AVE. 23 GARY AVE.	GLENWOOD DR.	N 51 S 52				228 353			20	2	2							
	GLENWOOD DR.								41	3	3							
23 GARY AVE. 23 GARY AVE.	SCHICK RD.	N 51 W 42				913 375			50 15	6 3	6						20	
23 GARY AVE.	SCHICK RD. SCHICK RD.	E 44				400			30	2	2	1	1					
23 GARY AVE.	SCHICK RD.	S 44				315			19	3	3	•					20	
23 GARY AVE.	ENTRANCE DRIVE 5	N 55	186			346			42	3	3						19	
23 GARY AVE.	ENTRANCE DRIVE 5	W 40	150														.,	
23 GARY AVE.	ENTRANCE DRIVE 5	E 31	156															
23 GARY AVE.	ENTRANCE DRIVE 5	S 36				170			28	2	1						19	
23 GARY AVE.	STRATFORD CROSSING	W 18	114			133			17	1	1							
23 GARY AVE.	CAMDEN DR.	N				323			36	3	2						19	
23 GARY AVE.	CAMDEN DR.	W 27	144															
23 GARY AVE.	CAMDEN DR.	S				342			34	4	2						19	
23 GARY AVE.	SCOTT DR.	N 40	180			173			19	2	1						16	
23 GARY AVE.	SCOTT DR.	W 27	156															
23 GARY AVE.	SCOTT DR.	E 36	201			040					2						40	
23 GARY AVE. 23 GARY AVE.	SCOTT DR. ROY AUTO INC.	S 46 N 23	168 30			343 260	964		38 34	3	2						16	_
23 GARY AVE. 23 GARY AVE.	ROY AUTO INC. ROY AUTO INC.	N 23	30			104	304		21	1	1							+
23 GARY AVE.	ARMY TRAIL RD.	N 55	240			638			59	4	4						15	
23 GARY AVE.	ARMY TRAIL RD.	S 154	276			530	512		16	4	4				2		17	
23 GARY AVE.	STARK DR.	N 84	135			212			16	2	2				2		13	
23 GARY AVE.	STARK DR.	W 22	183		135					<u> </u>								
23 GARY AVE.	STARK DR.	E 28	102															
23 GARY AVE.	STARK DR.	S 48	156			418			61	4	4						20	75
23 GARY AVE.	LIES RD.	N 55	216			656			51	4	4						28	106
23 GARY AVE.	LIES RD.	S 50	180			621			49	4	4						28	275
23 GARY AVE.	FOUNTAIN VIEW DR.	N															52	

NO. HIGHWAY	INTERSECTION	LF	LF	LF	LF	LF	2020 PAVEN	IENT MARK								LF	LF	LF
NO. HIGHWAT	INTERSECTION	24" S.W	12" S.W.	8" S.W.	6" SW CROSSWA	6" SW TURN.	6" S.W. MISC.	12" S.W. MISC.	6" DASHES	EA.	EA. ONLY'S	COMB.	EA. THRU ARR	EA. "SCHOOL"	EA. R X R	4" S.W.	4" S.Y.	12" S.Y.
23 GARY AVE.	FOUNTAIN VIEW DR.	w	228		162	TOTAL.	mico.	HATCH	DAOILO			Aitito						$\vdash$
23 GARY AVE.	FOUNTAIN VIEW DR.	s			102	218			27	2	2							
23 GARY AVE.	KLEIN CREEK CT.	N															44	154
23 GARY AVE.	KLEIN CREEK CT.	s				200			26	2	2							
23 GARY AVE.	ELK TRAIL	N 35	150			215			26	2	2							
23 GARY AVE.	ELK TRAIL	W 25	156		110													
23 GARY AVE.	ELK TRAIL	E 33	282															
23 GARY AVE. 23 GARY AVE.	PRINCE INDUSTRIES	S 37	132			145 82			9	1	1							
23 GARY AVE. 23 GARY AVE.	PRINCE INDUSTRIES PRINCE INDUSTRIES	N S				82			9	1	1						44	358
23 GARY AVE.	MERCEDES DR.	N				215			26	2	2							330
23 GARY AVE.	MERCEDES DR.	s															42	286
23 GARY AVE.	GREENWAY TRAIL	N															42	
23 GARY AVE.	GREENWAY TRAIL	W 23	180		128	73				2	2							
23 GARY AVE.	GREENWAY TRAIL	s				258			24	2	2							
23 GARY AVE.	HIAWATHA DR.	N 37	141			320			24	2	2							
23 GARY AVE.	HIAWATHA DR.	W 24	128		128													
23 GARY AVE.	HIAWATHA DR.	E 42	162															
23 GARY AVE.	HIAWATHA DR.	S 39	135			302			25	2	2							
23 GARY AVE.	VILLAGE CT.	N				362			25	2	2							
23 GARY AVE.	VILLAGE CT.	S															54	102
23 GARY AVE.	ARAPAHOE TRAIL	N															56	
23 GARY AVE.	ARAPAHOE TRAIL	W 15	141		98													
23 GARY AVE.	THUNDERBIRD TRAIL	N 36	120			72				7	1							
23 GARY AVE.	THUNDERBIRD TRAIL	W 25	163		117													
23 GARY AVE.	THUNDERBIRD TRAIL	S 36	120			110			24	1	1							
23 GARY AVE.	KEHOE BLVD.	N				220			23	2	2							
23 GARY AVE.	KEHOE BLVD.	S															52	146
23 GARY AVE. 23 GARY AVE.	ST. ANDREW CHURCH ST. ANDREW CHURCH	N S				100			13	1	1						52	
23 GARY AVE.	QUAIL RUN CT.	N				100			13								60	156
23 GARY AVE.	QUAIL RUN CT.	S								4							- 00	100
23 GARY AVE.	NORTH AVE.	N				540			58	3	3							176
23 GARY AVE.	NORTH AVE.	s				468			63	3	3							55
23 GARY AVE.	NORTH AVE. DISTRIBUTION CENTER	N				126				1	1							
23 GARY AVE.	NORTH AVE. DISTRIBUTION CENTER	s				102			14	1	1							215
23 GARY AVE.	ST. CHARLES RD.	N 41															60	
23 GARY AVE.	ST. CHARLES RD.	S 36	195		120	100			18	1	1							
23 GARY AVE.	E ST. CHARLES RD.	N 35				228			18	2	2							
23 GARY AVE.	E ST. CHARLES RD.	E 32	132															
23 GARY AVE.	E ST. CHARLES RD.	S 26															52	146
23 GARY AVE.	DELLA CT.	N				330			41	4	2							166
23 GARY AVE.	DELLA CT.	S				205			20	2	2							168
23 GARY AVE.	GENEVA RD.	N 49	162			486			33	4	4							141
27 HIGH LAKE RD.	SHELBURNE FAMRS to PRINCE CROSSING RD.																	
27 HIGH LAKE RD.	CREEKSIDE DR.	w						61		_								127
27 HIGH LAKE RD.	SUNSET AVE.	E				145			11	2	1							
27 HIGH LAKE RD.	SUNSET AVE.	w				37			13	1	1							
27 PRINCE CROSSING RD.	HIGH LAKE RD. to GENEVA RD.																	
27 PRINCE CROSSING RD.	MAIN ST.	s	151		100	107			32	1	1							
27 PRINCE CROSSING RD.	MAIN ST.	W 24	147		105	107			32									
27 PRINCE CROSSING RD.	MAIN ST.	N 24	147		103												58	56
27 PRINCE CROSSING RD.	GENEVA RD.	S 32	102		131	98			19	1	1						- 00	15
29 STEARNS RD.	W. COUNTY LINE - RTE. 59																	
29 STEARNS RD.	W. COUNTY LINE	E				96			25	1	1							
29 STEARNS RD.	PRATT'S WAYNE WOODS	w				188			23	2	2							123
29 STEARNS RD.	PRATT'S WAYNE WOODS	E				430			46	3	3							126
29 STEARNS RD.	POWIS RD.	w															48	86
29 STEARNS RD.	POWIS RD.	E 69				165			18	2	1				2			
29 STEARNS RD.	BREWSTER CREEK BLVD.	W 69				165			10	2	1				2			158
29 STEARNS RD.	BREWSTER CREEK BLVD.	E				380			49	4	2							32
29 STEARNS RD.	MUNGER RD.	W 40	256		175	258			18	2	2							29
29 STEARNS RD.	MUNGER RD.	N 54	602	631	205	150			50	5	7							
29 STEARNS RD.	MUNGER RD.	S 33	201		147						_		_					
29 STEARNS RD.	MUNGER RD.	E 49				467			37	5	5		2					28
29 STEARNS RD.	LYNNFIELD LN.	W				164			18	2	1							25

																C ON ASPHA					
Part	NO.	HIGHWAY	INTERSECTION	LF	_	LF	LF	LF 6" SW	LF	LF	LF 12" S.W.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
23 TITLEMENTON   DIRECTOR MERCAL SERVICE   1				24" S.	w ·	12" S.W.	8" S.W.	CROSSWA			MISC.		ARROWS	ONLY'S		THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
20 TEMPORT					_			LK	TURN.	WISC.	HATCH	DASHES			ARRO					<del></del>	<del></del>
22 FERMAN R.C.									400				_	<b>.</b>						40	53
23 STEAMBROL MATERIAL W STEAMBROL W STEAMBROL MATERIAL W STEAMBROL W									169			20		1						44	255
28 TEMBRINE   MPT   SOUTH   MPT   SOUTH   MPT									179			15	2	2							200
23 STEAMS AND MITE 58 NOT 50 N														_						38	33
STATES									290			19	2	2							
3																					
13 TATIST	31	87TH ST	COSTCO TO LEMONT																		
3   First																					
31 FITST   WINDOTS   E																					
32 FIFTST																					
38   STATES   MANAGES CR.														-							81
35   STATES   MACRISTOR   W												_								20	
32 PATENTS   MACROWN																				20	- 54
13 STYST   MELGOON LAN   E														-							
NOTE													1							56	128
22   MARREWALE RD   20 ST   N   18   18   18   18   18   18   18	31	87TH ST	MEADOW LN W						101			17	9	1						56	20
22   MARREWALE RD   20 ST   N   18   18   18   18   18   18   18																					
22   MARRENNILE RD.   2   2   2   3   4   5   5   6   6   6   7   7   7   7   7   7   7				-	_																
12   MARRENNILE RD.   MINTEL				-	_				138			16	1	1						28	11
22 WARRENVILE RD.   WINFELD RD.   W   42   190   190   1   1				18	-	105															
22 WARRENNLE RD.   WINTELD RD.   N   50   100				40	-	150			170			40	-	4						40	62
32 WARRENALE RD.   WINTELD RD.   S   40   100   86   24									1/8			19	1	1							
23 WARRENNLE RD.   ELEABETH AVE   W   279							96				24										
22   WARRENNLER P.D.   ELEABETH AVE.   N   20   120   120   110							00		393		24	21	4	4							
22   MARRENNILE RD.   LIZABETH AVE   E																					
22 WARRENVILE RD.   CORRAME AVE.   S   70   114   S   S   2   2   S   S   S   S   S   S																					
22 WARRENVILE RD.   CORRAME AVE.   E	32	WARRENVILLE RD.	ELIZABETH AVE. E						126			17	1	1							115
22   WARRENVILLE RD.   LOWAGENNILLE RO.   W 15   15   15   377	32	WARRENVILLE RD.	LORRAINE AVE. W						250			35	2	2							
22 WAREHVILLE RD.   CLOWARDEWNILLE ROAD   W   15   18   377   F   20   4   4						70	114														
22 WAREWILLE RD.   FERRY RD.   RT   RENTICE DR. TO WO FCASS AVE.												13	2	2						54	85
S   SAY   ST.																					
Second Str.   Lass Bramps	32	WARRENVILLE RD.	FERRY RD. N	87		575	987		87			20	4	4							
Second Str.   Lass Bramps	38	63rd ST.	PRENTICE DR. TO W OF CASS AVE.																		
Section   Sect				40			52		231			14		2		2				32	
Second Str.   1.55 NB RAMPS   E   42   89   264   19   2   2																					
38   Str.   JANES AVE	38	63rd ST.	I-355 NB RAMPS W																		
Section   Sect				42			89						2	2							
STATE   LEONARD AVE   W   36																					
Section   Sect				-																_	50
Second St.   LEONARD AVE.   E   37									47			15	1	1						20	
STATE   CHASE AVE.   N						12			150			17	2	1						20	203
Second St.   Puffer RD.   W   W   W   W   W   W   W   W   W									100				-								200
38 SAYS T. BELMONT RD. W 42 174 240 240 2 2 2 2 2 2 2 2 2 2 2 2 3 8 2 3				10					137			19	1	1						38	
SATE   BELMONT RD.   N   38   132				42		174						1									
Second St.   Pershing Ave.   W   W   Second St.   Second St.   Pershing Ave.   E   W   Second St.   Second St.   Second St.   Second St.   WOODWARD AVE.   W   Second St.   WOODWARD AVE.   W   Second St.   Second St.   WOODWARD AVE.   E   Second St.	38	63rd ST.		38																	
38       63rd ST.       PERSHING AVE.       E       M       50       174       613       75       5       5       5       M       M       50       174       613       75       5       5       5       M       M       5       M       M       M       150       345       20       3       3       2       M       M       5       M       M       M       132       56       21       1       1       1       M       M       1       M       1       M       M       132       56       21       1       1       1       M       M       1       M       1       M       M       1       M       1       M       1       M       M       1       M <t< td=""><td></td><td></td><td></td><td></td><td></td><td>174</td><td></td><td></td><td></td><td></td><td></td><td></td><td>4</td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td>80</td></t<>						174							4	3							80
Second St.   Sec									85			18	1	1						146	60
38       63rd ST.       WOODWARD AVE.       E       37       150       345       20       3       3       2       9       3       3       2       9       9       2       1       2       2       2       2       2       2       2       3       38       43				-	-								-	-							
38 63rd ST. STONEWALL AVE. W 132 56 21 1 1 1 2 2 38 43 43 52 57 SPRINGSIDE AVE. W 144 203 22 2 2 2 2 3 38 43 38 63rd ST. SPRINGSIDE AVE. E 138 190 29 2 1 1 2 2 3 38 43 38 63rd ST. DUNHAM RD. W 38 156 130 23 12 2 2 1 1 2 2 3 38 43 38 63rd ST. DUNHAM RD. E 38 162 163 20 2 1 1 2 2 3 38 63rd ST. CARPENTER ST. W 38 63rd ST. CARPENTER ST. W 38 63rd ST. CARPENTER ST. W 38 63rd ST. MAIN ST. E 40 168 248 20 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3					-									_			_				
88 63rd ST. STONEWALL AVE. E 138 205 21 8 2 2 38 43 84 43 85rd ST. SPRINGSIDE AVE. W 144 203 22 2 2 2 2 3 38 43 85rd ST. SPRINGSIDE AVE. E 138 190 29 2 1 2 2 2 2 2 2 3 38 43 85rd ST. DUNHAM RD. W 38 156 130 23 1 1 1 2 2 3 3 1 1 1 2 2 3 3 1 1 1 1					-												2				+
38 63rd ST. SPRINGSIDE AVE. W 144 203 22 2 2 2 2 2 3 3 43 43 38 63rd ST. SPRINGSIDE AVE. E 138 190 29 2 1 1 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5																	•			20	42
38 63rd ST. SPRINGSIDE AVE. E 138 190 29 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				1	-																
38 63rd ST. DUNHAM RD. W 38 156 130 23 1 1 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5																	2				
38 63rd ST. DUNHAM RD. E 38 162 163 20 2 1 2 2 3 36 33 38 38 63rd ST. CARPENTER ST. W 34 120 347 5 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				38																	
38 63rd ST. CARPENTER ST. E													2	1							
38 63rd ST. MAIN ST. W 34 120 347 3 3 3																					33
38     63rd ST.     MAIN ST.     E     40     168     248     20     2     2     9     64       36     53rd ST.     FAIRMOUNT AVE.     E     60     9     9     2     9     2     9       38     63rd ST.     BLODGETT AVE.     BLODGETT AVE.     E     9 </td <td></td> <td>8</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>54</td> <td>21</td>												8	-	-						54	21
38     63rd ST.     FAIRMOUNT AVE.     E     60     2     2       38     63rd ST.     BLODGETT AVE.     W     S     S     S     C																					
38     63rd ST.     BLODGETT AVE.     W       38     63rd ST.     BLODGETT AVE.     E				40	-				248			20	2	2							64
38 63rd ST. BLODGETT AVE. E 2 2				-	-	60											2				+
				+	-												_				+
				-		400							-	-			2			+	+

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								2020 PAVEN	MENT MARK	ING REMOV	E AND REPL	ACE - THE	RMOPLASTI	C ON ASPHA	LT				
NO. HIGHWAY	INTERSECTION		LF	LF	LF	LF	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
			24" S.W	12" S.W.	8" S.W.	6" SW CROSSWA LK	6" SW TURN.	6" S.W. MISC.	12" S.W. MISC. HATCH	6" DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
38 63rd ST.	FAIRVIEW AVE.	Е	33	120		LIX	195		HATOH	21	2	2							16
38 63rd ST.	FLORENCE AVE.	w		116				146											
38 63rd ST.	WILLIAMS ST.	w	45	174			95			31	1	1							
38 63rd ST.	WILLIAMS ST.	E	44	162			157			20	1	1							
38 63rd ST.	MARIANOS	w	35	114			220			29	2	2							
38 63rd ST.	MARIANOS	E	50	144			338			52	4	4						46	44
	CASS AVE.	w		144			330			18	3	-						46	38
38 63rd ST.	CASS AVE.	VV								10	3							40	30
54 SWIFT RD.	ST. CHARLES RD. to COLLINS AVE.																		
54 SWIFT RD.	ST. CHARLES RD.	s	35				150			14	2	2							58
54 SWIFT RD.	GREAT WESTERN TRAIL			93		60													
54 SWIFT RD.	NORTH AVE	s	59	96	370	50	350			40	5	4						122	
54 SWIFT RD.	NORTH AVE	N	62	179	335		464			45	4	4						50	67
54 SWIFT RD.	PETERSON AVE.	s					101				-	-						40	
54 SWIFT RD.	PETERSON AVE.	N					80			10	1	1							
54 SWIFT RD.	BURDETT AVE.	S					105			10	1	1							
54 SWIFT RD.	BURDETT AVE.	N					170			17	1	1						66	136
							170			17	'	1							130
54 SWIFT RD.	SIDNEY AVE.	S																74	
54 SWIFT RD.	SIDNEY AVE.	N					170			17	1	1							170
54 SWIFT RD.	CORTLAND AVE.	S																74	
54 SWIFT RD.	CORTLAND AVE.	N					156			17	1	1							191
54 SWIFT RD.	ARMITAGE AVE.	S																54	
54 SWIFT RD.	ARMITAGE AVE.	N					152			17	1	1							192
54 SWIFT RD.	DICKENS RD.	s																62	
54 SWIFT RD.	DICKENS RD.	N					157			17	1	1							191
54 SWIFT RD.	WINTHROP AVE.	s																58	
54 SWIFT RD.	WINTHROP AVE.	N					153			18	1	1							88
54 SWIFT RD.	BELDEN AVE.	s					98			17	1	1							
54 SWIFT RD.	BELDEN AVE.	N					153			17	1	1							175
54 SWIFT RD.	FULLERTON AVE	s																80	
54 SWIFT RD.	FULLERTON AVE	E	17															- 00	
54 SWIFT RD.	FULLERTON AVE	N	- "							7	1	1							+
54 SWIFT RD.	CONCORD LN.	S					50			7	1	1							+
										_	1	1							
54 SWIFT RD.	COLLINS AVE	S	80	276	160		202			22						2		160	38
56 WOODWARD AVE	75th ST. to COSTCO																		
56 WOODWARD AVE	RIDGE LN.	N									4								
56 WOODWARD AVE	COUNTRY CLUB DR.	N									10								
56 WOODWARD AVE	EGERTON DR.	N	31								2							40	73
56 WOODWARD AVE	HARCOURT DR.	N					185			27	2	1							
56 WOODWARD AVE	HARCOURT DR.	w	18								_								
56 WOODWARD AVE	HARCOURT DR.	E	20																
56 WOODWARD AVE	HARCOURT DR.	S					205	-		28	2	2							+
56 WOODWARD AVE	83rd ST.	N N	37	144			365			27	2	2							+
						446													04
56 WOODWARD AVE	83rd ST.	S	39	265		146	200	-		25	3	3							91
56 WOODWARD AVE	соѕтсо	N					270			56	3	3							11
	TOTAL		9241	29965	9709	6362	67002	2173	818	7188	693	546	3	6	26	22	0	8865	15593
		(FT)	0011	20005 12	0700	0000	67000	0470	040	44070								0005	45565
	LENGTH		9241	29965.13	9709	6362	67002	2173	818	14376	-	-	-	-	-	-	-	8865	15593
	AREA (SC		-	-	-	-	-	-	-	-	10810.8	11356.8	78	69	839.8	1346.4	-	-	-
	REMOVAL AREA (SO	(FT)	18482	29965.13	6472.667	3181	33501	1086.5	818	7188	10810.8	11356.8	78	69	839.8	1346.4	-	2955	15593

						0 PAVEMENT											
NO. HIGHWAY	INTERSECTION		LF	LF	LF	LF	LF	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	SF
			24" S.W	12" S.W.	8" SW	6" SW XW	6" SW TURN.	12" S.Y.	4 " S.Y.	4" SW	6" DASHES	ARROWS	ONLYS	THRU ARR	COMB. ARRO	"SCHOOL"	MEDIAN NOSES
							TURN.				DASHES				ARRO		NUSES
2 HOBSON RD.	WASHINGTON ST.	E															
2 HOBSON RD.	HOBSON-MILL DR.	w					65		340	50	24	1	1				
2 HOBSON RD.	HOBSON-MILL DR.	E															
2 HOBSON RD.	GREENE RD.	w															
2 HOBSON RD.	GREENE RD.	s															
2 HOBSON RD.	GREENE RD.	E						98	824								
Z HOBSON RD.	GREENE RD.							30	024								
3 FERRY RD.	PROSPECT CIR.	w															
3 FERRY RD.	PROSPECT CIR.	E							608	150							
3 FERRI RD.	PROSPECT CIR.								000	150							
5 MAIN ST.	NORTH AVE.	s	89	493	273		530		1003	240	40	5	5				
5 WAIN ST.	NORTH AVE.	3	09	453	213		530		1003	240	40	3					
5 GLEN ELLYN RD.	NORTH AVE.			204			770		4000	240	24	5	5				
5 GLEN ELLTN RD.	NORTH AVE.	N	94	294			776		1260	310	34	5	9				
40 PROSPECT AVE	INDUSTRIAL DR	s															
10 PROSPECT AVE.	INDUSTRIAL DR.							440	70.	400	_						
10 PROSPECT AVE.	INDUSTRIAL DR.	N						140	784	100	8						
44 4040/ 7040	PRIGUEOU PR																
11 ARMY TRAIL RD.	BRIGHTON DR.	W															57
11 ARMY TRAIL RD.	OLD GARY AVE.	w															63
11 ARMY TRAIL RD.	OLD GARY AVE.	E															30
11 ARMY TRAIL RD.	GARY AVE.	W															30
11 ARMY TRAIL RD.	GARY AVE.	E															30
11 ARMY TRAIL RD.	KNOLLWOOD DR.	w															28
11 ARMY TRAIL RD.	KNOLLWOOD DR.	E															28
11 ARMY TRAIL RD.	SPRINGFIELD DR.	w															30
11 ARMY TRAIL RD.	SPRINGFIELD DR.	E															29
11 ARMY TRAIL RD.	BUTTERFIELD DR.	w															35
11 ARMY TRAIL RD.	BUTTERFIELD DR.	E															35
11 ARMY TRAIL RD.	FIFTH/THIRD BANK	w															124
11 ARMY TRAIL RD.	FIFTH/THIRD BANK	S															20
11 ARMY TRAIL RD.	FIFTH/THIRD BANK	E															30
11 ARMY TRAIL RD.	MARTIN LN.	w															81
11 ARMY TRAIL RD.	MARTIN LN.	E															40
11 ARMY TRAIL RD.	SCHMALE RD.	w															40
11 ARMY TRAIL RD.	SCHMALE RD.	E															45
14 EOLA RD.	DIEHL RD.	N							988	240							
14 EOLARD.	DIEHL RD.	w															
14 EOLA RD.	DIEHL RD.	s															
14 EOLA RD.	WATERSTONE DR.	N							766	190							
14 EOLA RD.	WATERSTONE DR.	E															
14 EOLARD.	WATERSTONE DR.	s															
14 EOLARD.	NEW YORK ST.	N	53	180	138		183		197			2	2				
							.,,,										
21 GENEVA RD.	WINFIELD RD.	w							140	180							
21 GENEVARD.	WINFIELD RD.	s															
21 GENEVARD.	WINFIELD RD.	E															
z. czaczano.	The state of the s	<u>-</u>															
23 GARY AVE.	TRAVIS PKWY.	N															28
23 GARY AVE.	TRAVIS PKWY.	S															32
23 GARY AVE.	CENTRAL AVE	N															80
23 GARY AVE.	CENTRAL AVE.	S															48
23 GARY AVE.	TURNBERRY LAKES N. ENTRANCE	N .															37
23 GARY AVE.	TURNBERRY LAKES N. ENTRANCE	S															
23 GARY AVE.	TURNBERRY LAKES S. ENTRANCE	N															37
23 GARY AVE.	TURNBERRY LAKES S. ENTRANCE	S															
23 GARY AVE.	AFFORDABLE OFFICE INTERIORS	N															24
23 GARY AVE.	AFFORDABLE OFFICE INTERIORS	S															45
23 GARY AVE.	SCHICK RD.	N															45
23 GARY AVE.	SCHICK RD.	w															
23 GARY AVE.	SCHICK RD.	E															
23 GARY AVE.	SCHICK RD.	s															45

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						2020	PAVEMENT	MARKING F	REMOVE AN	D REPLACE	- URETHANI	E ON CONC	RETE					
NO.	HIGHWAY	INTERSECTION		LF	LF	LF	LF	LF	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	SF
				24" S.W	12" S.W.	8" SW	6" SW XW	6" SW TURN.	12" S.Y.	4 " S.Y.	4" SW	6" DASHES	ARROWS	ONLYS	THRU ARR	COMB. ARRO	"SCHOOL"	MEDIAN NOSES
23	GARY AVE.	ENTRANCE DRIVE 5	N															53
23	GARY AVE.	ENTRANCE DRIVE 5	w															60
23	GARY AVE.	ENTRANCE DRIVE 5	E															50
23	GARY AVE.	ENTRANCE DRIVE 5	S															42
23	GARY AVE.	CAMDEN DR.	N															30
23	GARY AVE.	CAMDEN DR.	w															
23	GARY AVE.	CAMDEN DR.	S															62
23	GARY AVE.	SCOTT DR.	N															48
23	GARY AVE.	SCOTT DR.	w															
23	GARY AVE.	SCOTT DR.	E															
23	GARY AVE.	SCOTT DR.	S															60
23	GARY AVE.	ROY AUTO INC.	N															50
23	GARY AVE.	ROY AUTO INC.	s															553
23	GARY AVE.	ARMY TRAIL RD.	N															37
23	GARY AVE.	ARMY TRAIL RD.	S															28
23	GARY AVE.	STARK DR.	N															24
23	GARY AVE.	STARK DR.	w															
23	GARY AVE.	STARK DR.	Е															
	GARY AVE.		s															
23	GARY AVE.	NORTH AVE.	N	64	82	225		116		15			3	3				20
	GARY AVE.		s	64	91	209		92										80
32	WARRENVILLE RD.	RIVER RD.	Е					202		620		9	1	1				
32	WARRENVILLE RD.	WINFIELD RD.	w															
	WARRENVILLE RD.		N															
	WARRENVILLE RD.		s															
	WARRENVILLE RD.		E															
38	63rd ST.	I-355 SB RAMPS	w															
	63rd ST.		Е	39				119	55	720	270	11	2	2				
	63rd ST.		w	50				492		12			5	5				
	63rd ST.		E											-				
			_															
54	SWIFT RD.	NORTH AVE	s															
	SWIFT RD.		N															
	SWIFT RD.		S															225
	-																	
		TOTAL		453	1140	845	0	2575	293	8277	1730	126	24	24	0	0	0	2618
		LENGTH (FT)		453	1140	845	-	2575	293	8277	1730	252	-	-	-	-	-	
		AREA (SQ FT)		-	-	-	-	-	-	-	-	-	374.4	499.2	-	-	-	2618
		REMOVAL AREA (SQ FT)		906	1140	563.3333	-	1287.5	293	2759	576.6667	126	374.4	499.2	-	-	-	2618

						OVAL ONLY								LASTIC STRIP				
NO. HIGHWAY	INTERSECTION		LF	LF	LF	EA.	EA.	EA.	LF	LF	LF	LF	EA	EA.	EA.	EA.	LF	EA
			4" REM.	6" REM	12" REM	REM ARROW	REM ONLY	"SCHOOL"	NEW 12"	NEW 6" S.W.	NEW 24" S.W.	4"	RXR	"SCHOOL"	ARROW	ONLY	NEW 8" S.W.	6" DASH
2 HOBSON RD.	OLESEN DR.	w		94					102					-				
2 HOBSON RD.	OLESEN DR.	Е																
2 HOBSON RD.	NAPER BLVD.	w		177					180									
2 HOBSON RD.	NAPER BLVD.	Е		166					174									
2 HOBSON RD.	GREENE RD.	w		117					108									
2 HOBSON RD.	GREENE RD.	s							240									
2 HOBSON RD.	GREENE RD.	Е		146					138									
2 BELMONT RD.	CURTISS ST.	s		135					135									
2 BELMONT RD.	CURTISS ST.	N		136					135									
2 BELMONT RD.	TRAIN STATION RAMPS	s																
2 BELMONT RD.	TRAIN STATION RAMPS	Е		119														
2 BELMONT RD.	TRAIN STATION RAMPS	w		126														
2 BELMONT RD.	TRAIN STATION RAMPS	N																
2 BELMONT RD.	HADDOW AVE.	s																
2 BELMONT RD.	HADDOW AVE.	N		124														
5 GLEN ELLYN RD.	ARMITAGE AVE.	s		160					162									
5 GLEN ELLYN RD.	ARMITAGE AVE.	N		154					156									
5 GLEN ELLYN RD.	FULLERTON AVE	s		152					156									
5 GLEN ELLYN RD.	FULLERTON AVE	N		147					150									
11 ARMY TRAIL RD.	CLIPPER DR.	w		164					168									
11 ARMY TRAIL RD.	CLIPPER DR.	Е		163					168									
11 ARMY TRAIL RD.	MADSEN DR./KUHN RD.	w		183					186									
11 ARMY TRAIL RD.	MADSEN DR./KUHN RD.	Е		180					186									
11 ARMY TRAIL RD.	MERBACH DR.	w																
11 ARMY TRAIL RD.	MERBACH DR.	E		160					168									
14 EOLARD.	DIEHL RD.	N																
14 EOLARD.	DIEHL RD.	w																
14 EOLARD.	DIEHL RD.	S													1	1		
21 GENEVA RD.	PRINCE CROSSING RD.	w																
21 GENEVA RD.	PRINCE CROSSING RD.	N		176					174									
21 GENEVA RD.	PRINCE CROSSING RD.	Е																
23 GARY AVE.	GLENWOOD DR.	N		190					198									
23 GARY AVE.	GLENWOOD DR.	S		211					216									
23 GARY AVE.	SCHICK RD.	N		196					204									
23 GARY AVE.	SCHICK RD.	w		174					174									
23 GARY AVE.	SCHICK RD.	Е		166					168									
23 GARY AVE.	SCHICK RD.	s		200					204									
32 WARRENVILLE RD.	LORRAINE AVE.	w								1					1			
32 WARRENVILLE RD.	LORRAINE AVE.	S		80					78									
32 WARRENVILLE RD.	LORRAINE AVE.	Е																
54 SWIFT RD.	NORTH AVE	s																
54 SWIFT RD.	NORTH AVE	N		207					216									
	TOTAL		0	4403	0	0	0	0	4344	0	0	0	0	0	1	1	0	(
	LENGTH (F	-T)	-	4403	-	-	-	-	4344	-	-	-	-	-	-	-	-	-
	AREA (SQ I		-	-	-	-	-	-	-	-	-	-	-	-	15.6	20.8	-	-
	REMOVAL AREA (SQ F		-	2201.5	-	-	-	-	4344	-	-	-	-	-	15.6	20.8	-	_
		-			-	-											_	

			2020 SPR	AY THERMOPL	ASTIC
NO.	HIGHWAY	INTERSECTION	LF	LF	EA
			4" SW	4 " S.Y.	4" SW SKIPS
1	PLAINFIELD-NAPERVILLE RD.	75th ST. TO 87th ST.		15492	183
2	HOBSON RD.	WASHINGTON ST. TO I-355		67600	450
2	BELMONT RD.	63rd ST. to OGDEN AVE.		37398	456
3	FERRY RD.	EOLA to RTE. 59		16728	455
5	MAIN ST.	ST. CHARLES RD. to NORTH AVE.		6884	221
5	GLEN ELLYN RD.	NORTH AVE. to N OF FULLERTON		13110	245
10	PROSPECT AVE.	IRVING PARK RD. to GRANVILLE AVE.	2685	15342	305
11	ARMY TRAIL RD.	GERBER to SCHMALE		27344	847
14	EOLA RD.	BUTTERFIELD RD. to NEW YORK ST.	950	37320	1015
21	GENEVA RD.	RTE. 59 to COUNTY FARM RD.	12418	24586	580
29	STEARNS RD.	W. COUNTY LINE - RTE. 59	22503	51954	735
31	87TH ST	COSTCO TO LEMONT		12332	245
32	WARRENVILLE RD.	RIVER RD. to FERRY RD.		11007	168
38	63rd ST.	PRENTICE DR. TO W OF CASS AVE.	3550	39660	809
54	SWIFT RD.	ST. CHARLES RD. to COLLINS AVE.	8073	22314	
56	WOODWARD AVE	75th ST. to COSTCO	150	17906	410
		TOTAL	50329	416977	7124
		LENGTH (FT)	50329	416977	71240
		AREA (SQ FT)	-	-	-
		REMOVAL AREA (SQ FT)	16776.33333	138992.3333	23746.67

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**SPECIAL PROVISIONS** 



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SPECIAL PROVISIONS 2020 PAVEMENT MARKING MAINTENANCE SEC. 20-PVMKG-08-GM

#### STATE OF ILLINOIS

#### **SPECIAL PROVISIONS**

The following Special Provisions 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", the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids and the "Supplemental Specifications and Recurring Special Provisions" indicated on the Check Sheet included herein which apply to and govern the proposed improvement designated as Section 20-PVMKG-08-GM, and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

#### BIDDING REQUIREMENTS AND CONDITIONS FOR CONTRACT PROPOSALS

(Illinois Department of Transportation Bureau of Local Roads and Streets Special Provision for BIDDING REQUIREMENTS AND CONDITIONS FOR CONTRACT PROPOSALS LRS Check Sheet #6)

Add the following to the section **Prequalification of Bidders**: "Prequalification is required. The Certificate of Eligibility shall be accompanied by a Request for Authorization to Bid form completed by the prospective bidder. The Certificate of Eligibility and Request for Authorization to Bid shall be submitted at least one business day prior to the public opening of proposals. Authorization to bid will be issued by the DuPage County Division of Transportation to prospective bidders who are qualified to perform the work, as evidenced by the Certificate of Eligibility."

Revise the first sentence of the section **Preparation of the Proposal** to read: "Bidders shall submit their proposals on the form furnished by the Awarding Authority or on a form approved by the Awarding Authority prior to submittal of the Proposal."

Add the following to the section **Preparation of the Proposal**: "Unit prices shall only be accepted rounded to the nearest one-hundredth (0.01) of a dollar."

Add the following to the section **Preparation of the Proposal**: "The low bidder shall complete and submit the IRS W-9 form included in this proposal within 48 hours of being notified as the low bidder. The form shall be emailed to Department at <a href="mailto:DOTBidInfo@dupageco.org">DOTBidInfo@dupageco.org</a>. All bidders may either submit the W-9 form with their bid proposal or wait to be notified that they are the low bidder.

Add the following to the section **Public Opening of Proposals**: "Proposals will only be accepted by bidders who have been issued an authorization to bid by the DuPage County Division of Transportation. Proposals submitted without authorization to bid will be returned unopened."

Add the following to after the first sentence of the section **Consideration of Proposals**: "If the Proposal includes quantities and unit prices for multiple agencies, then the summation to be compared shall include all items and not just the items for a single agency."

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SPECIAL PROVISIONS 2020 PAVEMENT MARKING MAINTENANCE SEC. 20-PVMKG-08-GM

### SECTION 107 LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC

Article 107.20 Protection and Restoration of Property. Add the following after the first paragraph of this Article:

"The Contractor shall maintain conveyance of all flows during construction of this project. When existing drainage facilities are disturbed, the Contractor shall provide and maintain temporary inlets, outlets, and connections for all private and public drains, sewers, culverts, and other drainage facilities. The Contractor shall provide facilities to take in all storm water which will be received by these drains and sewers, and discharge the same. The Contractor shall provide and maintain a pumping plant, if necessary, and a temporary outlet and be prepared at all time to dispose of water received from these temporary connections until such time that the permanent drainage facilities are in service."

Revise the last paragraph of this Article to read:

"The cost of all materials and equipment required and all labor necessary to comply with the above Provisions will not be paid for separately, but shall be considered as included in the unit bid prices of the contract, and no additional compensation will be allowed."

Article 107.26 Indemnification. In addition to the requirements of this Article, for any activity occurring on an easement or any other property not owned by the Department, the indemnification shall also be extended to the property owners and any tenants thereon.

Article 107.27 Insurance. In addition to the requirements of this Article, the policies of insurance for Commercial (Comprehensive) General Liability and Commercial (Comprehensive) Automobile Liability shall include an additional insured endorsement naming the County of DuPage, its officers and employees as additional insureds. The endorsements shall be on forms acceptable to the County of DuPage. This additional insured is to be on a primary and non-contributory basis and include a Waiver of Subrogation endorsement.

Employer's Liability insurance shall be in an amount not less than one million (\$1,000,000.00) dollars each accident/injury and one million (\$1,000,000.00) dollars each employee/disease.

Limits of Umbrella Excess Liability (over primary) shall not be less than an amount that in combination with Commercial General Liability totals \$6,000,000 of liability insurance <u>per occurrence</u>. The Umbrella Excess Liability Policy shall include in the "Who is Insured" pages of the policy wording such as "Any other person or organization you have agreed in a written contract to provide additional insurance" or wording to that affect. The contractor shall provide a copy of said section of the excess/umbrella liability policy upon request by the County of DuPage.

The Contractor shall require all subcontractors to maintain the same insurance coverage required of the contractor. The County of DuPage retains the right to obtain evidence of subcontractor insurance coverage at any time.

Replace the second sentence of the second paragraph (third to last paragraph) of this article with the following: "It is the duty of the Contractor to immediately notify the County of DuPage if any insurance required under this contract has been cancelled, materially changed, or renewal has been refused, and the Contractor shall immediately suspend all work in progress and take the necessary steps to purchase, maintain and provide the required insurance coverage. If a suspension of work should occur due to insurance requirements, upon verification by the County of DuPage of the required insurance coverage, the County of DuPage shall notify the Contractor that the Contractor can proceed with the work that is a part of this contract. Failure to provide and maintain the required insurance coverage could result in the immediate

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SPECIAL PROVISIONS 2020 PAVEMENT MARKING MAINTENANCE SEC. 20-PVMKG-08-GM

cancellation of this contract, and the Contractor shall accept and bear all costs that may result from the cancellation of this contact due to Contractor's failure to provide and maintain the required insurance."

Article 107.36 Dust Control. Add the following to the second paragraph of this article: "The Contractor will be required to have available a water truck or similar equipment to control dust. If necessary, the Contractor shall be required to control dust during non-working hours."

# SECTION 108 PROSECUTION AND PROGRESS

Article 108.03 Prosecution of the Work. Revise the first sentence of this Article to read, "The Contractor shall not begin the work to be performed under the contract without written authorization from the DuPage County Division of Transportation to proceed with the work, and shall commence work not later than 10 days after receiving the authorization to proceed."

#### SECTION 109 MEASUREMENT AND PAYMENT

Article 109.08 Acceptance and Final Payment. Add the following to this Article: "Prior to final payment, an affidavit from the Contractor will be required."

#### **SECTION 202 EARTH AND ROCK EXCAVATION**

Add the following to Article 202.03:

"Excess material (broken concrete, culvert pipe, surplus material from sewer trenches, etc..) shall not be disposed of within the limits of the Right-Of-Way. It shall be the Contractor's responsibility to select dump sites and obtain permission and all necessary permits to use such dump sites."

#### SECTION 671 MOBILIZATION

Article 671.02 Basis of Payment. Revise this article to read: "Basis of Payment. This work will not be paid for separately, but shall be included in the various items of work."

#### RECESSED REFLECTIVE PAVEMENT MARKERS

Description. This work shall consist of setting reflective pavement markers in a recessed groove in the pavement. The recessed pavement markers shall be used to supplement other pavement markings, similar to the use of Raised Reflective Pavement Markers.

Materials. The reflective pavement marker shall be listed on the Illinois Department of Transportation approved list of snowplowable raised pavement markers, or Engineer approved equivalent, and be compatible with the reflector holder. The reflector holder shall be a MarkerOne Series R100 reflector holder or Engineer approved equivalent. The epoxy used shall be as recommended by the pavement marker manufacturer.

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Installation. Spacing and orientation of the pavement markers shall be as detailed in the plans or as directed by the Engineer.

A recessed groove shall be cut in the pavement 5.25" wide, 0.9" deep on a 15.5" diameter. An additional 3.5' long groove shall taper from 0" (normal pavement) to 0.3" depth (full-recessed). For 1-way markers heading uphill, uphill grind taper may be omitted.

The recessed area shall be cleaned free of all loose material, and dry before the placement of the pavement marker. All excess material resulting from the construction of the recessed area shall be completely removed from the surface of the roadway by means of vacuum sweeper truck. The pavement marker shall be cemented with epoxy in the center of the 0.9" deep recessed groove.

Inspection. A straight edge shall be placed across the recess to check that the top of the marker is below the pavement. Inspection and acceptance shall be according to Article 781.04 of the Standard Specifications.

Basis of Payment. This work will be paid for at the contract unit price each for RECESSED REFLECTIVE PAVEMENT MARKER.

#### REPLACEMENT REFLECTOR

Description. This work shall consist of removal of existing reflectors and installation of a new reflector in a Raised Reflective Pavement Marker casting or within the recessed groove of a Recessed Reflective Pavement Marker, according to Section 781 of the Standard Specifications and the following provisions.

Materials. Materials shall meet the applicable requirements of the special provision for Recessed Reflective Pavement Marker or Article 781.02 of the Standard Specification.

Construction Requirements. For Recessed Reflective Pavement Marker applications, all remaining portions of the existing reflector, and all traces of adhesive, dirt, etc.. shall be removed from the marker reflector area by methods approved by the Engineer. A new reflector holder shall be supplied if the existing reflector holder is damaged or missing.

Inspection. Inspection shall be according to the special provision for Recessed Reflective Pavement Marker.

Basis of Payment. This work will be paid for at the contract unit price each for REPLACEMENT REFLECTOR, which price shall be payment in full for all labor, equipment, and materials necessary to complete the work as specified. Removal of existing reflectors will not be paid for separately.

### TRAFFIC CONTROL AND PROTECTION

Description. The traffic control and protection for this project shall be performed in accordance with the project Traffic Control Plan and Section 701 of the Standard Specifications as amended by the Special Provision for Work Zone Traffic Control (Illinois Department of Transportation Check Sheet #LRS 3).

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The furnishing, placing, and removal of material, or any temporary concrete barrier and impact attenuators, not shown on the plans but required in order to meet the drop off requirements, shall be included in the contract unit price for Traffic Control and Protection.

The cost of supplying, erecting, and maintaining barricades, warning lights, and signs will be included in the contract unit price for Traffic Control and Protection.

Method of Measurement. Traffic control will not be measured by location or per Standard.

Basis of Payment. The cost of Traffic Control and Protection provided under the Traffic Control Plan and Section 701 WORK ZONE TRAFFIC CONTROL will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION.

#### TRAFFIC CONTROL PLAN

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

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

The Contractor shall notify the Engineer at least 72 hours in advance of beginning work.

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# **STANDARDS**:

701201-05 Land Closure, 2L, 2W, Day Only, for Speeds ≥ 45MPH

701301-04 Lane Closure, 2L, 2W, Short Time Operations

701306-04 Lane Closure, 2L, 2W, Slow Moving Operations Day Only, for Speeds ≥ 45 MPH

701311-03 Lane Closure, 2L, 2W, Moving Operations - Day Only

701336-07 Lane Closure, 2L, 2W, Work Areas in Series, for Speeds ≥ 45 MPH

701421-08 Lane Closure, Multilane, Day Operations Only, for Speeds ≥ 45 MPH to 55 MPH

701422-10 Lane Closure, Multilane, for Speeds ≥ 45 MPH to 55 MPH

701426-09 Lane Closure, Multilane, Intermittent or Moving Operation, for Speeds ≥ 45 MPH

701427-05 Lane Closure, Multilane, Intermittent or Moving Operation, for Speeds ≤ 40 MPH

701501-06 Urban Lane Closure, 2L, 2W, Undivided

701502-09 Urban Lane Closure, 2L, 2W, with Bidirectional Left Turn Lane

701601-09 Urban Lane Closure, Multilane, 1W or 2W with Nontraversable Median

701602-10 Urban Lane Closure, Multilane, 2W with Bidirectional Left Turn Lane

701606-10 Urban Single Lane Closure, Multilane, 2W with Mountable Median

701611-01 Urban Half Road Closure, Multilane, 2W with Mountable Median

701701-10 Urban Lane Closure, Multilane Intersection

701801-06 Lane Closure, Multilane 1W or 2W Crosswalk or Sidewalk Closure

701901-08 Traffic Control Devices

#### **DETAILS:**

- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

#### SPECIAL PROVISIONS:

TRAFFIC CONTROL AND PROTECTION

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#### 45 MIL HOT SPRAY THERMOPLASTIC PAVEMENT MARKING

This work shall consist of furnishing and applying spray thermoplastic pavement marking lines, sizes and colors as shown on the plans. The material shall be a mixture of resins and other materials providing an essentially nonvolatile thermoplastic compound especially developed for traffic markings. Spray thermoplastic pavement markings shall be applied only by contractors "approved" or "conditionally approved" for HAND OPERATED APPLICATION ONLY or for TRUCK OR HAND APPLICATION, on the list of Approved Thermoplastic Contractors maintained by the IDOT Engineer of Operations and in effect on the date of advertisement for bids.

#### **Ingredient Materials:**

- (a) Binder. The binder shall consist of a mixture of synthetic resins, at least one of which is solid at room temperature. The total binder content of the thermoplastic compound shall be well distributed throughout the compound. The binder shall be free from all foreign objects or ingredients that would cause bleeding, staining or discoloration. The binder shall be 25 percent minimum by weight of the thermoplastic compound. The binder shall be characterized by an "IR Spectra". Future shipments of binder will be checked by an "IR Spectra" to verify that the binder has not been changed.
- (b) Pigment. The pigment used for the white thermoplastic compound shall be a highgrade pure (minimum 93 percent) titanium dioxide (TiO<sub>2</sub>). The white pigment content shall not be less than 10 percent by weight and shall be uniformly distributed throughout the thermoplastic compound.
  - The pigments used for the yellow thermoplastic compound shall be heat resistant, and color-fast yellows, golds and oranges, which shall produce a compound meeting the requirements of the current Federal Highway Color Tolerance Chart, PR Color No. 1. The medium chrome yellow pigment content shall be not less than 4 percent by weight and shall be uniformly distributed throughout the thermoplastic compound.
- (c) Filler: The filler to be incorporated with the resins as a binder shall be a white calcium carbonate, silica, or an approved substitute. Any filler, which is insoluble in 6N hydrochloric acid, shall be of such particle size as to pass a No. 100 (150 µm) sieve.
- (d) Glass Beads.
  - (1) Scope:

This specification covers glass beads to be used for reflectorizing pavement marking lines.

Type A – uncoated

Type B - moisture resistant, silicone coated

Type A shall be used as intermix beads with thermoplastic pavement marking materials. They shall be uniformly mixed throughout the material at the rate of not less than 25 percent by weight (retained on the No. 100 (150 µm) sieve) of thermoplastic compound. Type B shall be used as drop-on beads with thermoplastic pavement marking materials and

shall be applied uniformly at a minimum rate of 6 pounds per 100 square feet (2.9 kilograms per 10 square meters).

# (2) Properties:

The glass beads furnished under this specification shall consist essentially of transparent, water-white glass particles of a spherical shape. They shall be manufactured from a glass of a composition designed to be highly resistant to traffic wear and to the effects of weathering. The glass beads shall conform to the following requirements:

(a) <u>Sieve Analysis</u>. The glass beads shall meet the following sieve requirements:

Total	Percent	(Pv	Weight	١
i Otai	Percent	UDV	weight	)

Sieve Size	Passing
No. 20 (850 μm)	100
No. 30 (600 μm)	75 - 100
No. 50 (300 μm)	15 - 40
No. 100 (150 μm)	0 - 5
No. 200 (75 μm)	0 - 1

- (b) <u>Imperfections</u>. The surface of the glass beads shall be free of pits and scratches. The glass beads shall be spherical in shape and shall contain not more than 20 percent by weight of irregular shapes when tested by the standard method using a vibratile inclined glass plate as adopted by the Department.
- (c) <u>Index of Refraction</u>. The index of refraction of the glass beads shall be not less than 1.50 when tested by the immersion method at 77 °F (25 °C).
- (d) Silica Content. The glass beads shall contain not less than 65 percent silica (SiO<sub>2</sub>).
- (e) <u>Chemical Stability</u>. Glass beads which a show tendency toward decomposition, including surface etching, when exposed to paint or thermoplastic constituents will be rejected. The glass beads shall be tested by Federal Specification TT-B-1325B, Section 4.3.9 (water resistance) and evaluated for compliance with Section 3.2.9, with the following exceptions:

The size of the sample to be tested shall be 25 grams and the reflux time shall be 5 hours.

(f) <u>Flowing Properties</u>. The glass beads shall flow uniformly through dispensing equipment in atmospheric humidity up to 94%.

Intermix beads shall pass the following test: One hundred grams of glass beads, spread evenly and thinly in a suitable container, shall be conditioned at 77 °F (25 °C) for 4 hours over a solution of sulfuric acid (Sp. Gr. 1.10) in a closed desicator. After 4 hours, the glass beads shall flow readily through a clean glass analytical funnel, 60°, 75 mm diameter and 105 mm stem. Inside diameter of the stem shall be a nominal 1/4 inch (6.35 mm).

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The drop-on beads shall have a silicone, moisture resistant coating and pass the following test: One hundred grams of beads are placed in a 600 ml beaker and an equivalent volume of distilled water shall be added to the beaker. The beaker will then stand for 5 minutes, at the end of which time the water shall be carefully poured off and the beads transferred to a clean dry beaker and allowed to stand for 5 minutes. The beads will then be poured slowly into a standard glass funnel (Corning 6120), 127 mm diameter, 102 mm stem length and 11 mm stem inside diameter.

The beads shall flow through the funnel stem without stoppage. Slight initial agitation to start the flow through the funnel at the beginning of the test is permissible.

(g) <u>Packaging</u>. The Type B glass beads shall be delivered in approved moisture proof bags consisting of a least five-ply paper construction unless otherwise specified. Each bag shall contain 50 pounds (22.7 kg) net, and shall be legibly marked with the manufacturer, specifications and type, lot number, and the month and year the glass beads were packaged.

#### Thermoplastic Compound:

- (a) Characteristic Requirements:
  - (1) In the plastic state, the material shall not give off fumes that are toxic or otherwise injurious to persons or property. The manufacturer shall provide material safety data sheets for the product.
  - (2) The temperature versus viscosity characteristic of the plastic material shall remain constant and the material shall not deteriorate in any manner during reheating processes.
  - (3) There shall be no obvious change in color of the material as a result of repeated heating or from batch to batch. The maximum elapsed time after application after which normal traffic will leave no impression or imprint on the new stripe shall be 30 seconds when the air and road surface temperature is approximately  $70 \pm 3$  °F ( $21 \pm 2$  °C). After application and proper drying, the material shall show no appreciable deformation or discoloration, shall remain free from tack, and shall not lift from the pavement under normal traffic conditions within a road temperature range of -20 to 150 °F (-28.9 to 65.6 °C). The stripe shall maintain its original dimensions and placement.

Cold ductility of the material shall be such as to permit normal dimensional distortion as a result of traffic impact within the temperature range specified.

- (4) The material shall provide a stripe that has a uniform thickness throughout its cross section and has the density and character to provide a sharp edge of the line.
- (5) The thermoplastic compound after heating for 4 hours  $\pm$  5 min. at 375  $\pm$  3 °F (190.6  $\pm$  2 °C) and cooled at 77 °F (25 °C) shall meet the following requirements for daylight reflectance and color, when tested, using a color spectrophotometer with 45° circumferential / 0° geometry, illuminant C, and 2° observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm.

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White: Daylight Reflectance, 75 percent minimum \*Yellow: Daylight Reflectance, 45 percent minimum

- \*Shall match Federal Highway Color Tolerance Chart, PR Color No. 1.
- (6) Specific Gravity the specific gravity of the thermoplastic material shall not exceed 2.15.
- (7) Softening Point After heating the thermoplastic material for 4 hours  $\pm$  5 min. at 375  $\pm$  3 °F (190.6  $\pm$  2 °C) and testing in accordance with ASTM E28, the material shall have a minimum softening point of 180 °F (82.2 °C) as measured by the ring and ball method.
- (8) Tensile Bond Strength After heating the thermoplastic material for 4 hours  $\pm$  5 min. at 375 °F (190.6 °C), the tensile bond strength to unprimed, sandblasted portland cement concrete block, 0.0625 inch (1.587 mm) thick film drawn-down 375 °F (190.6 °C), tested at 75  $\pm$  2 °F (23.9  $\pm$  1 °C) shall exceed 180 psi (1.24 Mpa) when tested in accordance with ASTM D4796-88.
- (9) Impact Resistance After heating the thermoplastic material for 4 hours ± 5 min at 375 ± 3 °F (190.6 ± 2 °C) the impact resistance shall be a minimum of 50 inch pounds (0.576 kilogram meters) with no cracks or bond loss when 0.0625 inch (1.587 mm) thick film drawdown is made at 375 °F (190.6 °C) on an unprimed sandblasted Portland cement concrete block, male indentor 5/8 inch (15.875 mm), no female Die, tested at 75 ± 2 °F (23.9 ± 1 °C) when tested in accordance with ASTM D2794 minimum.
- (10) Yellowness Index The white thermoplastic material shall not exceed a yellowness index of 12 when tested in accordance with ASTM D1925.

#### (b) Identification

Each package of material shall be stenciled with the manufacturer's name, the type of material and IDOT specification number, the month and year the material was packaged and lot number. Lot numbers must begin with the last two digits of the year manufactured and be sequential with Lot 1. The letters and numbers used in the stencils shall be a minimum of 1/2 inch (12.7 mm) in height.

#### (c) Packaging

The thermoplastic material shall be packaged in suitable containers that will not adhere to the product during shipment and storage. The container of thermoplastic material shall weigh approximately 50 lbs (22.7 kg). Each container shall designate the color, binder (alkyd or hydrocarbon), spray and user information. The label shall warn the user that the material shall be heated in the range of 350 - 400 °F (177 - 204 °C).

#### (d) Storage Life

The material shall meet the requirements of this specification for a period of one year. The thermoplastic must also melt uniformly with no evidence of skins or unmelted particles for this one-year period. The manufacturer shall replace any material that does not meet the above requirements.

#### **Sampling and Testing:**

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- (a) Unless otherwise provided, all materials shall be sampled and tested in accordance with the latest published standard methods of the American Society for Testing and Materials, and revisions thereof, in effect on the date of invitation for bids, where such standard methods exist. In case there are no ASTM Standards which apply, applicable standard methods of the American Association of State Highway Transportation Officials, or the Federal Government, or of other recognized standardizing agencies shall be used.
- (b) The right is reserved to inspect the material either at the place of manufacture or at the destination or at both places. If inspected at the place of manufacture, the manufacturer shall furnish such facilities as may be required for collecting and forwarding samples, and shall also furnish facilities for testing the material during the process of manufacture, if required. Tests will be made by and at the expense of the Department. All material samples for acceptance tests shall be taken or witnessed by a representative of the Bureau of Materials and Physical Research. All material samples shall be submitted to the Engineer of Materials and Physical Research, 126 East Ash Street, Springfield, Illinois 62704-4766 at least 30 days in advance of the pavement marking operations. Random check samples may be taken at the job site at the discretion of the Engineer.
- (c) The Engineer will test and approve the basic ingredients.
- (d) The sample(s) shall be labeled with the lot number, date, quantity and any other pertinent information. Samples shall be submitted in the following manner:
  - (1) Ingredient Materials:
    - (a) Glass beads: At least three randomly selected bags or containers shall be obtained from each lot or shipment of glass beads. The content of each bag or container shall be passed through a large Riffle Sampler, thus splitting the material down until a representative 1-quart (1-liter) sample is obtained. The sample from each container shall be submitted for testing.
    - (b) Binder: One pint (0.5 liter).
    - (c) Pigments: One pint (0.5 liter).
    - (d) Filler: One pint (0.5 liter).
  - (2) Thermoplastic:

At least three randomly selected containers shall be obtained from each lot. A 10 pound (4.5 kg) composite sample of the three containers shall be submitted for testing and acceptance. The lot size shall be approximately 44,000 pounds (20,000 kg) unless the total order is less than this amount.

#### Manufacturer's Responsibility:

(a) The manufacturer shall perform tests on a minimum of one sample per 10,000 pounds (4,500 kg) of thermoplastic produced. Minimum tests required shall be a softening point determination and color. Manufacturer's test results shall be submitted along with the thermoplastic sample to the Bureau of Materials and Physical Research.

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- (b) The manufacturer shall retain the test sample for a minimum period of 18 months.
- (c) The manufacturer shall furnish the Bureau of Materials and Physical Research with copies of bills of lading for all material inspected. Bills of lading shall indicate the consignee and destination, date of shipment, lot numbers, quantity, type of material, name and location of source.

#### Material Acceptance:

Final acceptance of a particular lot of thermoplastic will be based on the following:

- (a) Compliance of ingredient materials with the specifications.
- (b) Compliance of thermoplastic material with the specifications.
- (c) Manufacturer's test results for each lot of thermoplastic have been received.
- (d) Identification requirements are satisfactory.

<u>Notification</u>: The Contractor shall notify the Engineer 72 hours prior to the placement of the thermoplastic markings in order that an inspector can be present during the operation. At the time of this notification, the Contractor shall indicate the manufacturer and lot numbers of thermoplastic and glass beads that he intends to use. The Engineer will ensure that the approved lot numbers appear on the material package. Failure to comply with this provision may be cause for rejection.

#### **Installation Requirements:**

- (a) Before applying thermoplastic, the crack sealant shall be fully cured and hardened and the Contractor shall remove any dirt, glaze, grease, or any other material that would reduce the adhesion of the thermoplastic to the pavement.
- (b) This thermoplastic material shall be readily renewable by placing an overlay of new material directly over old markings of the same material. Such new material shall bond itself to the old markings in such a manner that no splitting or separation takes place. The contractor shall remove all existing material that might cause premature failure of the new material.
- (c) The thermoplastic material shall be installed in a molten state by the spray method at a minimum temperature of 350 °F (177 °C) and a maximum temperature of 400 °F (204 °C). Scorching or discoloration of material shall be cause for rejection by the Engineer. The machinery shall be constructed so that all mixing and conveying parts, up to and including the spray gun maintain the material in the molten state.
- (d) Thermoplastic pavement marking materials shall not be applied by the spray method when air and pavement surface temperatures are below 50 °F (10 °C) or when the surface of the pavement contains any evidence of moisture.
- (e) Unless directed by the Engineer, lines shall not be laid directly over a longitudinal crack or joint. The edge of the center line or lane line shall be offset a minimum distance of 2 inches (50 mm) from a longitudinal crack or joint. Edge lines shall be approximately 2 inches (50 mm) from the edge of pavement. The finished center and lane lines shall be straight, with the lateral deviation of any 10 foot (3 meter) line not to exceed 1 inch (25 mm).

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- (f) A primer sealer of the type recommended by the manufacturer of the thermoplastic material shall be applied on all Portland concrete pavement surfaces, and if recommended by the manufacturer, on other types of pavement surface, prior to the installation of the thermoplastic material. The primer shall be free of solvent and water prior to the thermoplastic application.
- (g) The thermoplastic material shall be applied at a thickness of not less than 0.045 inch (1.143 mm), but in no case shall it exceed a thickness of 0.050 inch (1.27 mm). Finished lines shall be within a 1/4 inch (6.35 mm) of the width specified in the plans.
- (h) The Contractor shall place the thermoplastic markings with adequate drop on glass in accordance with the above requirements, uniformly applied to assure nighttime reflectivity. It shall be the Contractor's responsibility to use compatible combination of thermoplastic material and beads to preclude the surface beads from sinking deeply into the thermoplastic.
- (i) The thickness of the markings will be measured above the pavement surface at such random points as the Engineer selects to determine conformance to these specifications. If the measurements show less than 0.045 inch (1.143 mm), the Engineer will "chip" the edges of the markings at random points and measure the thickness of the chips to determine if the overall thickness of the markings is at least 0.045 inch (1.143 mm). If the overall thickness or the thickness above the pavement surface is substantially in conformance with the thickness requirements, payment will be made at 100 percent of the contract unit prices involved. When the thickness at a given location is less than 0.045 inch (1.143 mm), additional measurements will be taken on each side of such location at such intervals as the Engineer may select to determine the extent of the deficient portion of the marking. The Contractor shall then apply additional thermoplastic material and beads to bring the thickness of the markings to at least 0.045 inch (1.143 mm).

#### **Equipment Requirements:**

- (a) The application equipment used for placing lane and edge line on County Highways shall be Truck-Mounted and meeting Article 1105.01 of the Standard Specifications and the requirements listed below. When the Truck-Mounted method is used, the application equipment shall be permanently mounted on a truck of sufficient size and stability to insure smooth, straight application. The truck shall be equipped to carry a minimum of 4,000 pounds (1800 kilograms) of molten thermoplastic.
  - The equipment shall have the capability of automatically placing intermittent and continuous lines. The equipment shall be so constructed as to provide the various widths of pavement marking lines specified. The mounting shall be such as to allow the spray equipment to accurately follow road irregularities and produce lines of uniform dimensions.
- (b) The equipment used to install hot applied thermoplastic material shall provide continuous uniform heating to temperatures exceeding 400 °F (204 °C), mixing and agitation of the material. Conveying parts of the equipment between the main material reservoir and the dispensing device shall prevent accumulation and clogging. All parts of the equipment, which comes in contact with the material, shall be constructed for easy accessibility and exposure for cleaning and maintenance. The equipment shall operate so that all mixing and conveying parts including the line dispensing device, maintains the material at the plastic temperature. The use of pans, aprons, or similar devices to prevent die overruns will not be permitted.

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- (c) Glass beads applied to the surface of the completed marking shall be applied by an automatic bead dispenser attached to the marking machine so that the beads are dispensed closely behind the installed marking. The glass bead dispenser shall be equipped with an automatic cut-off control synchronized with the cut-off of the thermoplastic material.
- (d) A special kettle shall be provided for uniformly melting and heating the thermoplastic material. The kettle must be equipped with an automatic thermostat control device and material thermometer for positive temperature control and to prevent overheating or under-heating of the material. The heating kettle and application equipment shall meet the requirements of the National Fire Underwriters and the National Fire Protection Association.
- (e) The Contractor shall provide an accurate temperature measuring device which shall be capable of measuring the pavement temperature prior to installation of the thermoplastic and the temperature of the molten thermoplastic material immediately after it is applied.

<u>Inspection</u>: The 45 mil hot spray thermoplastic pavement markings will be inspected following installation, but no later than November 1, and inspected following a winter performance period that extends 180 days from November 1 in accordance with the provisions of Article 780.12 of the Standard Specification.

Method of Measurement: Lines will be measured for payment in feet. Double yellow lines will be measured as two separate lines.

<u>Basis of Payment</u>: This work will be paid for at the contract unit prices per foot of applied line width for HOT SPRAY THERMOPLASTIC PAVEMENT MARKING – LINE of the line width specified.

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#### MODIFIED URETHANE PAVEMENT MARKING - RAISED MEDIAN

Description. This work shall consist of removing existing median pavement marking and applying modified urethane pavement markings in accordance with Sections 780 and 783 of the Standard Specifications, except as modified herein, to the median ramped noses as shown in the plans or as directed by the Engineer.

Construction Requirements. The shotblast method of cleaning shall not be permitted.

Method of Measurement. This work will be measured for payment in place and the area computed in square feet based on the area of installed material. The area measured will include applications to concrete curb and gutter monolithic to the median ramped noses.

Basis of Payment. This work will be paid for at the contract unit price per square foot for MODIFIED URETHANE PAVEMENT MARKING – RAISED MEDIAN, which price shall include all necessary equipment, labor and materials required to remove the existing median pavement markings, prepare the surface and install the pavement markings

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### **RAILROAD FLAGGING**

The cost incurred by the Department per Article 107.12 of the Standard Specifications shall be paid by the contractor.

The Railroad may require an Agreement/Permit in order for the Contractor to work on the Railroad's Right-Of-Way. The Contractor shall apply for any required Agreement and/or Permit and pay any fees charged by the Railroad.

The Department will reimburse the Contractor the actual costs of Agreement/Permit fees and Railroad Flagging fees up to a maximum of 2 calendar days without additional profit, overhead, or administrative costs. Cost of Railroad Flagging in excess of 2 calendar days will not be reimbursed to the Contractor.

The pay item RAILROAD FLAGGING has been established for the reimbursement of Railroad Flagging and Agreement/Permit fees. This item is not a bid item, but is included in the proposal as part of the project costs.

# INDEX FOR SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

## Adopted January 1, 2020

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

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 4-1-16) (Revised 1-1-20)

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# **Check Sheet for Recurring Special Provisions**



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

### Recurring Special Provisions

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# DuPage County Prevailing Wage Rates posted on 12/16/2019

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

MILLWRIGHT	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
OPERATING ENGINEER	All	BLD	1	51.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	2	49.80	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	3	47.25	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	4	45.50	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	5	54.85	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	6	52.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	7	54.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	FLT		38.00	38.00	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	HWY	1	49.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	2	48.75	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	3	46.70	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	4	45.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	5	44.10	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	6	52.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	7	50.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
ORNAMENTAL IRON WORKER	E	ALL		50.05	52.55	2.0	2.0	2.0	2.0	14.14	21.13	0.00	1.25	
ORNAMENTAL IRON WORKER	W	ALL		45.06	48.66	2.0	2.0	2.0	2.0	10.52	20.76	0.00	0.70	
PAINTER	All	ALL		47.30	49.30	1.5	1.5	1.5	2.0	12.43	8.65	0.00	1.45	
PAINTER - SIGNS	All	BLD		39.06	43.86	1.5	1.5	2.0	2.0	2.67	3.32	0.00	0.00	
PILEDRIVER	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
PIPEFITTER	All	BLD		49.60	52.60	1.5	1.5	2.0	2.0	10.75	19.85	0.00	2.67	
PLASTERER	All	BLD		46.75	49.56	1.5	1.5	2.0	2.0	10.85	19.01	0.00	0.95	
PLUMBER	All	BLD		51.00	54.05	1.5	1.5	2.0	2.0	15.37	14.75	0.00	1.35	
ROOFER	All	BLD		44.60	48.60	1.5	1.5	2.0	2.0	10.58	13.31	0.00	0.70	
SHEETMETAL WORKER	All	BLD		49.07	51.52	1.5	1.5	2.0	2.0	10.85	17.51	0.00	0.96	2.32
SPRINKLER FITTER	All	BLD		50.15	52.65	1.5	1.5	2.0	2.0	13.50	16.60	0.00	0.65	
STEEL ERECTOR	E	ALL		47.00	50.76	2.0	2.0	2.0	2.0	12.26	23.65	0.00	0.88	
STEEL ERECTOR	W	ALL		45.06	48.66	2.0	2.0	2.0	2.0	10.52	20.76	0.00	0.70	
STONE MASON	All	BLD		46.88	51.57	1.5	1.5	2.0	2.0	10.85	19.31	0.00	0.95	
TERRAZZO FINISHER	All	BLD		42.54	42.54	1.5	1.5	2.0	2.0	11.00	14.64	0.00	0.88	
TERRAZZO MASON	All	BLD		46.38	49.88	1.5	1.5	2.0	2.0	11.00	16.09	0.00	0.93	
TILE MASON	All	BLD		47.50	51.50	1.5	1.5	2.0	2.0	11.00	16.06	0.00	0.93	
TRAFFIC SAFETY WORKER	All	HWY		37.75	39.35	1.5	1.5	2.0	2.0	9.30	9.87	0.00	0.30	
TRUCK DRIVER	All	ALL	1	37.61	38.16	1.5	1.5	2.0	2.0	9.08	11.36	0.00	0.15	
TRUCK DRIVER	All	ALL	2	37.76	38.16	1.5	1.5	2.0	2.0	9.08	11.36	0.00	0.15	

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

#### **Legend**

Rg Region

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

**C** Class

Base Base Wage Rate

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

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

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

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

**H/W** Health/Welfare benefit

**Vac** Vacation

**Trng** Training

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

**Explanations DUPAGE COUNTY** 

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

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

#### **EXPLANATION OF CLASSES**

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

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

#### TRAFFIC SAFETY

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

#### **CERAMIC TILE FINISHER**

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

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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,

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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-

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Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

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

**OPERATING ENGINEER - FLOATING** 

Diver. Diver Wet Tender, Diver Tender, ROV Pilot, ROV Tender

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yeards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

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

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

#### TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by

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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".

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Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION

FOR

CONSTRUCTION AND MAINTENANCE SIGNS

State of Illinois

Effective: January 1, 2004 Revised: June 1, 2007

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

701.14. Signs. Add the following paragraph to Article 701.14:

All warning signs shall have minimum dimensions of 1200 mm x 1200 mm (48" x 48") and have a black legend on a fluorescent orange reflectorized background, meeting, as a minimum, Type AP reflectivity requirements of Table 1091-2 in Article 1091.02.

Submit to local agency for approval. The liability limits negotiated by the LPA with the railroad should be inserted on the railroad protective liability limit form.

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

# SPECIAL PROVISION FOR RAILROAD PROTECTIVE LIABILITY INSURANCE FOR LOCAL LETTINGS

Effective: March 1, 2005 Revised: January 1, 2006

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

Railroad Protective Liability Insurance. The contractor will be required to carry Railroad Protective Liability and Property Damage Liability Insurance in accordance with Article 107.11 of the Standard Specifications. A separate policy is required for each railroad indicated on the attached form unless otherwise noted. The limits of liability for each policy are listed on the attached form. The minimum limits of liability shall be in accordance with Article 107.11 of the Standard Specifications.

<u>Basis of Payment</u>. The costs for providing insurance, as noted above, will be paid for at the contract unit price per Lump Sum for RAILROAD PROTECTIVE LIABILITY INSURANCE.

APPROVAL OF INSURANCE: The ORIGINAL and one CERTIFIED copy of each required policy shall be submitted for approval to the following address:

thomas.brasseur@cn.ca

The contractor will be advised when approval of the insurance has been received from the railroad(s). Before any work begins on railroad right-of-way, the Contractor shall submit to the Resident Engineer evidence that the required railroad protective liability insurance has been approved by the railroad(s). The Contractor shall also provide the Resident Engineer with expiration date of each required policy.

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# RAILROAD PROTECTIVE LIABILITY INSURANCE FORM

	NUMBER & SPEED OF PASSENGER TRAINS	NUMBER & SPEED OF FREIGHT TRAINS
See Railroad Certificate of Insurance Example in the special provisions.		4 - 40 mph
DOT/AAR Number: <b>289 891 V</b>	RR Mile Post: 29.70	)
Liability Limits: Combined Single Limit	\$ Ag	gregate Limit_\$
For Freight/Passenger Information Contact		
For Insurance Information Contact:	Thomas Brasseur	
DOT/AAR Number: 289 890 N	RR Mile Post: <b>29.5</b> 4	
Liability Limits: Combined Single Limit		gregate Limit _ \$
For Freight/Passenger Information Contact	Thomas Brasseur	Phone:
For Insurance Information Contact:	Tilolilas Brasseur	Phone: 715-544-9145
DOT/AAR Number: <b>289 876 T</b>	RR Mile Post: <b>25.3</b> 0	n
Liability Limits: Combined Single Limit	<del>-</del>	
For Freight/Passenger Information Contact		gregate Limit_\$ Phone:
For Insurance Information Contact:	Thomas Brasseur	Phone: 715-544-9145
DOT/AAR Number:	RR Mile Post:	
Liability Limits: Combined Single Limit_	\$ Ag	gregate Limit_\$
For Freight/Passenger Information Contact	ct:	Phone:
For Insurance Information Contact:		Phone:

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# **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

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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

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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

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	One Clerk
	One Project Manager,
Over \$50,000,000	Two Project Superintendents,
Over \$30,000,000	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."

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# 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 <sup>2/</sup>	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006
June 1, 2012 <sup>2/</sup>	50-99	2004
	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006

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

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

- a) Included on the U.S. Environmental Protection Agency (USEPA) Verified Retrofit Technology List (<a href="http://www.epa.gov/cleandiesel/verification/verif-list.htm">http://www.epa.gov/cleandiesel/verification/verif-list.htm</a>), or verified by the California Air Resources Board (CARB) (<a href="http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm">http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm</a>); 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

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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.

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

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

Effective: November 1, 2017

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

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

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

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# PAVEMENT MARKING REMOVAL (BDE)

Effective: July 1, 2016

Revise Article 783.02 of the Standard Specifications to read:

"783.02 Equipment. Equipment shall be according to the following.

Note 1. Grinding equipment shall be approved by the Engineer."

Revise the first paragraph of Article 783.03 of the Standard Specifications to read:

"783.03 Removal of Conflicting Markings. Existing pavement markings that conflict with revised traffic patterns shall be removed. If darkness or inclement weather prohibits the removal operations, such operations shall be resumed the next morning or when weather permits. In the event of removal equipment failure, such equipment shall be repaired, replaced, or leased so removal operations can be resumed within 24 hours."

Revise the first and second sentences of the first paragraph of Article 783.03(a) of the Standard Specifications to read:

"The existing pavement markings shall be removed by the method specified and in a manner that does not materially damage the surface or texture of the pavement or surfacing. Small particles of tightly adhering existing markings may remain in place, if in the opinion of the Engineer, complete removal of the small particles will result in pavement surface damage."

Revise the first paragraph of Article 783.04 of the Standard Specifications to read:

"**783.04 Cleaning.** The roadway surface shall be cleaned of debris or any other deleterious material by the use of compressed air or water blast."

Revise the first paragraph of Article 783.06 of the Standard Specifications to read:

"783.06 Basis of Payment. This work will be paid for at the contract unit price per each for RAISED REFLECTIVE PAVEMENT MARKER REMOVAL, or at the contract unit price per square foot (square meter) for PAVEMENT MARKING REMOVAL – GRINDING and/or PAVEMENT MARKING REMOVAL – WATER BLASTING."

Delete Article 1101.13 from the Standard Specifications.

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# PAYMENTS TO SUBCONTRACTORS (BDE)

Effective: November 2, 2017

Add the following to the end of the fourth paragraph of Article 109.11 of the Standard Specifications:

"If reasonable cause is asserted, written notice shall be provided to the applicable subcontractor and/or material supplier and the Engineer within five days of the Contractor receiving payment. The written notice shall identify the contract number, the subcontract or material purchase agreement, a detailed reason for refusal, the value of payment being withheld, and the specific remedial actions required of the subcontractor and/or material supplier so that payment can be made."

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# RAILROAD PROTECTIVE LIABILITY INSURANCE (BDE)

Effective: December 1, 1986 Revised: January 1, 2006

<u>Description</u>. Railroad Protective Liability and Property Damage Liability Insurance shall be carried according to Article 107.11 of the Standard Specifications. A separate policy is required for each railroad unless otherwise noted.

NAMED INSURED & ADDRESS	NUMBER & SPEED OF PASSENGER TRAINS	NUMBER & SPEED OF FREIGHT TRAINS
DOT/AAR No.:	RR Mile Post:	
RR Division:	RR Sub-Division:	
For Freight/Passenger Information Conta	act:	Phone:
For Insurance Information Contact:		Phone:

DOT/AAR No.: RR Mile Post: RR Division: RR Sub-Division:

For Freight/Passenger Information Contact: Phone: For Insurance Information Contact: Phone:

<u>Approval of Insurance</u>. The original and one certified copy of each required policy shall be submitted to the following address for approval:

Illinois Department of Transportation Bureau of Design and Environment 2300 South Dirksen Parkway, Room 326 Springfield, Illinois 62764 MOT 2020-8656 Page 91 of 168

The Contractor will be advised when the Department has received approval of the insurance from the railroad(s). Before any work begins on railroad right-of-way, the Contractor shall submit to the Engineer evidence that the required insurance has been approved by the railroad(s). The Contractor shall also provide the Engineer with the expiration date of each required policy.

<u>Basis of Payment</u>. Providing Railroad Protective Liability and Property Damage Liability Insurance will be paid for at the contract unit price per Lump Sum for RAILROAD PROTECTIVE LIABILITY INSURANCE.

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# 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%"

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# 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."

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# TRAFFIC SPOTTERS (BDE)

Effective: January 1, 2019

Revise Article 701.13 of the Standard Specifications to read:

"701.13 Flaggers and Spotters. Flaggers shall be certified by an agency approved by the Department. While on the job site, each flagger shall have in his/her possession a current driver's license and a current flagger certification I.D. card. For non-drivers, the Illinois Identification Card issued by the Secretary of State will meet the requirement for a current driver's license. This certification requirement may be waived by the Engineer for emergency situations that arise due to actions beyond the Contractor's control where flagging is needed to maintain safe traffic control on a temporary basis. Spotters are defined as certified flaggers that provide support to workers by monitoring traffic.

Flaggers and spotters shall be stationed to the satisfaction of the Engineer and be equipped with a fluorescent orange, fluorescent yellow/green, or a combination of fluorescent orange and fluorescent yellow/green vest meeting the requirements of ANSI/ISEA 107-2004 or ANSI/ISEA 107-2010 for Conspicuity Class 2 garments. Flaggers shall be equipped with a stop/slow traffic control sign. Spotters shall be equipped with a loud warning device. The warning sound shall be identifiable by workers so they can take evasive action when necessary. Other types of garments may be substituted for the vest as long as the garments have a manufacturer's tag identifying them as meeting the ANSI Class 2 requirement. The longitudinal placement of the flagger may be increased up to 100 ft (30 m) from that shown on the plans to improve the visibility of the flagger. Flaggers shall not encroach on the open lane of traffic unless traffic has been stopped. Spotters shall not encroach on the open lane of traffic, nor interact with or control the flow of traffic.

For nighttime flagging, flaggers shall be illuminated by an overhead light source providing a minimum vertical illuminance of 10 fc (108 lux) measured 1 ft (300 mm) out from the flagger's chest. The bottom of any luminaire shall be a minimum of 10 ft (3 m) above the pavement. Luminaire(s) shall be shielded to minimize glare to approaching traffic and trespass light to adjoining properties. Nighttime flaggers shall be equipped with fluorescent orange or fluorescent orange and fluorescent yellow/green apparel meeting the requirements of ANSI/ISEA 107-2004 or ANSI/ISEA 107-2010 for Conspicuity Class 3 garments.

Flaggers and spotters shall be provided per the traffic control plan and as follows.

(a) Two-Lane Highways. Two flaggers will be required for each separate operation where two-way traffic is maintained over one lane of pavement. Work operations controlled by flaggers shall be no more than 1 mile (1600 m) in length. Flaggers shall be in sight of each other or in direct communication at all times. Direct communication shall be obtained by using portable two-way radios or walkie-talkies.

The Engineer will determine when a side road or entrance shall be closed to traffic. A flagger will be required at each side road or entrance remaining open to traffic within the

- operation where two-way traffic is maintained on one lane of pavement. The flagger shall be positioned as shown on the plans or as directed by the Engineer.
- (b) Multi-Lane Highways. At all times where traffic is restricted to less than the normal number of lanes on a multilane pavement with a posted speed limit greater than 40 mph and the workers are present, but not separated from the traffic by physical barriers, a flagger or spotter shall be furnished as shown on the plans. Flaggers shall warn and direct traffic. Spotters shall monitor traffic conditions and warn workers of errant approaching vehicles or other hazardous conditions as they occur. One flagger will be required for each separate activity of an operation that requires frequent encroachment in a lane open to traffic. One spotter will be required for each separate activity with workers near the edge of the open lane or with their backs facing traffic.

Flaggers will not be required when no work is being performed, unless there is a lane closure on two-lane, two-way pavement."

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**TRAINING SPECIAL PROVISIONS (BDE)** This Training Special Provision supersedes Section 7b of the Special Provision entitled "Specific Equal Employment Opportunity Responsibilities," and is in implementation of 23 U.S.C. 140(a).

As part of the contractor's equal employment opportunity affirmative action program, training shall be provided as follows:

The contractor shall provide on-the-job training aimed at developing full journeyman in the type of trade or job classification involved. The number of trainees to be trained under this contract will be . In the event the contractor subcontracts a portion of the contract work, he shall determine how many, if any, of the trainees are to be trained by the subcontractor, provided however, that the contractor shall retain the primary responsibility for meeting the training requirements imposed by this special provision. The contractor shall also insure that this Training Special Provision is made applicable to such subcontract. Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training.

The number of trainees shall be distributed among the work classifications on the basis of the contractor's needs and the availability of journeymen in the various classifications within the reasonable area of recruitment. Prior to commencing construction, the contractor shall submit to the Illinois Department of Transportation for approval the number of trainees to be trained in each selected classification and training program to be used. Furthermore, the contractor shall specify the starting time for training in each of the classifications. The contractor will be credited for each trainee employed by him on the contract work who is currently enrolled or becomes enrolled in an approved program and will be reimbursed for such trainees as provided hereinafter.

Training and upgrading of minorities and women toward journeyman status is a primary objective of this Training Special Provision. Accordingly, the contractor shall make every effort to enroll minority trainees and women (e.g. by conducting systematic and direct recruitment through public and private sources likely to yield minority and women trainees) to the extent such persons are available within a reasonable area of recruitment. The contractor will be responsible for demonstrating the steps that he has taken in pursuance thereof, prior to a determination as to whether the contractor is in compliance with this Training Special Provision. This training commitment is not intended, and shall not be used, to discriminate against any applicant for training, whether a member of a minority group or not.

No employee shall be employed as a trainee in any classification in which he has successfully completed a training course leading to journeyman status or in which he has been employed as a journeyman. The contractor should satisfy this requirement by including appropriate questions in the employee application or by other suitable means. Regardless of the method used the contractor's records should document the findings in each case.

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The minimum length and type of training for each classification will be as established in the training program selected by the contractor and approved by the Illinois Department of Transportation and the Federal Highway Administration. The Illinois Department of Transportation and the Federal Highway Administration shall approve a program, if it is reasonably calculated to meet the equal employment opportunity obligations of the contractor and to qualify the average trainee for journeyman status in the classification concerned by the end of the training period. Furthermore, apprenticeship programs registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training, or with a State apprenticeship agency recognized by the Bureau and training programs approved by not necessarily sponsored by the U.S. Department of Labor, Manpower Administration, Bureau of Apprenticeship and Training shall also be considered acceptable provided it is being administered in a manner consistent with the equal employment obligations of Federal-aid highway construction contracts. Approval or acceptance of a training program shall be obtained from the State prior to commencing work on the classification covered by the program. It is the intention of these provisions that training is to be provided in the construction crafts rather then clerk-typists or secretarial-type positions. Training is permissible in lower level management positions such as office engineers, estimators, timekeepers, etc., where the training is oriented toward construction applications. Training in the laborer classification may be permitted provided that significant and meaningful training is provided and approved by the Illinois Department of Transportation and the Federal Highway Administration. Some offsite training is permissible as long as the training is an integral part of an approved training program and does not comprise a significant part of the overall training.

Except as otherwise noted below, the contractor will be reimbursed 80 cents per hour of training given an employee on this contract in accordance with an approved training program. As approved by the Engineer, reimbursement will be made for training of persons in excess of the number specified herein. This reimbursement will be made even though the contractor receives additional training program funds from other sources, provided such other source does not specifically prohibit the contractor from receiving other reimbursement. Reimbursement for offsite training indicated above may only be made to the contractor where he does one or more of the following and the trainees are concurrently employed on a Federal-aid project; contributes to the cost of the training, provides the instruction to the trainee or pays the trainee's wages during the offsite training period.

No payment shall be made to the contractor if either the failure to provide the required training, or the failure to hire the trainee as a journeyman, is caused by the contractor and evidences a lack of good faith on the part of the contractor in meeting the requirement of this Training Special Provision. It is normally expected that a trainee will begin his training on the project as soon as feasible after start of work utilizing the skill involved and remain on the project as long as training opportunities exist in his work classification or until he has completed his training program.

It is not required that all trainees be on board for the entire length of the contract. A contractor will have fulfilled his responsibilities under this Training Special Provision if he has provided acceptable training to the number of trainees specified. The number trained shall be determined on the basis of the total number enrolled on the contract for a significant period.

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Trainees will be paid at least 60 percent of the appropriate minimum journeyman's rate specified in the contract for the first half of the training period, 75 percent for the third quarter of the training period, and 90 percent for the last quarter of the training period, unless apprentices or trainees in an approved existing program are enrolled as trainees on this project. In that case, the appropriate rates approved by the Departments of Labor or Transportation in connection with the existing program shall apply to all trainees being trained for the same classification who are covered by this Training Special Provision.

The contractor shall furnish the trainee a copy of the program he will follow in providing the training. The contractor shall provide each trainee with a certification showing the type and length of training satisfactorily complete.

The contractor will provide for the maintenance of records and furnish periodic reports documenting his performance under this Training Special Provision.

METHOD OF MEASUREMENT The unit of measurement is in hours.

<u>BASIS OF PAYMENT</u> This work will be paid for at the contract unit price of 80 cents per hour for TRAINEES. The estimated total number of hours, unit price and total price have been included in the schedule of prices.

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the

ceruncate noider in neu of such endorsement(s).							
PRODUCER	CONTACT NAME:						
	PHONE FAX (A/C, No, Ext): (A/C, No):						
	E-MAIL ADDRESS						
	INSURER(S) AFFORDING COVERAGE	NAIC #					
	INSURER A:						
INSURED	INSURER B:						
	INSURER C:						
	INSURER D:						
	INSURER E:						
	INSURER F:						

**COVERAGES CERTIFICATE NUMBER: REVISION NUMBER: 1** 

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

	TYPE OF I	NSUR/	ANCE	ADD L	SUB R	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
X	GENERAL LIABILITY			Y	Y		EFF	EXP	EACH OCCURRENCE \$5,000,0	000
	COMMERCIAL GEN	NERAL	LIABILITY				DATE	DATE	DAMAGE TO RENTED PREMISES (Ea occurrence) \$	
	CLAIMS-MAI	DE <mark>X</mark>	OCCUR						MED EXP (Any one person) \$	
									PERSONAL & ADV INJURY \$	
									GENERAL AGGREGATE \$10,000	) <mark>,000</mark>
ŒNL		TAPPLES	PER:						PRODUCTS - COMP/OP AGG \$	
		RO- CT	LOC						\$	
	AUTOMOBILE LIABILITY	1		Y	Y		EFF	EXP	COMBINED SINGLE \$1,000	,000
							DATE	DATE	BODILY INJURY (Per person) \$	
	ANY AUTO ALL OWNED		SCHEDULED AUTOS NON-				<b>5</b> 7 ( ) <b>C</b>	<b>D</b> / (   <b>L</b>	BODILY INJURY (Per accident) \$	
^	AUTO		OWNED AUTOS						PROPERTY DAMAGE (Per accident) \$	
	S		A0100						\$	
Χ	UMBRELLA LIAB	X	OCCUR	Y	Y		EFF	EXP	EACH OCCURRENCE \$5,000	0,000
	EXCESS LIAB		CLAIMS-MADE	: -			DATE	DATE	AGGREGATE \$10,000	,000
	DED RETI	ENTION	۱\$				<b>5</b> 7 ( ) <b>C</b>	<b>D</b> / (   <b>L</b>	\$	
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ANY	PROPRIETOR/PART	ΓNER/E						<mark>DAT</mark> E		
(Man	CER/MEMBER EXCL datory in NH)	LUDED	? N				DATE	DITTE		
If yes	, describe under CRIPTION OF OPER	RATION	IS below							
	-		L							

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Certificate holder is an additional insured under all polices on this certificate including Commercial General Liability and Umbrella Liability.

A Waiver of Subrogation applies in favor of the Certificate Holder for all policies on this certificate including Commercial General Liability and Umbrella Liability.

50 foot railroad exclusion is removed through CG 2417 10 01

CERTIFICATE HOLDER	CANCELLATION

Chicago, Central & Pacific Railroad Company and its Parents

Attn: Thomas L. Brasseur 700 Pershing Rd Pontiac, MI 49340

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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# REQUIREMENTS TO PROVIDE FLAGGING PROTECTION AND CABLE LOCATION FOR PROJECTS ON OR IN THE VICINITY OF CN PROPERTY

(Hereinafter called "Railroad") (Revised: Effective December 4<sup>th</sup>, 2018)

NOTE: Flagging and/or Cable Locate fees may apply

A utility or contractor shall not commence, or carry on, any work for installation, maintenance, repair, changing or renewal of any FACILITY, under, over, on, or near RAILROAD property at any location without giving notice to the RAILROAD authorized representative at the RAILROAD's office located at Homewood, IL. If in the opinion of the RAILROAD the presence of an authorized representative of the RAILROAD is required to supervise the same, the RAILROAD shall render bills to the utility or contractor for all expenses incurred by it for such supervision. This includes all labor costs for flagmen or cable locate supplied by the RAILROAD to protect RAILROAD operation, and for the full cost of furnishing, installation and later removal of any temporary supports for said tracks, as the RAILROAD's Chief Engineer's Office may deem necessary.

A flagman is required any time any work is performed (i) under or across any Railroad track, regardless of whether said work involves a physical presence on the surface of the Railroad property; (ii) on the surface of the Railroad property within twenty-five (25) feet horizontally of the centerline of any railroad track; or (iii) on, near, or over Railroad property if the work may potentially encroach (intentionally or unintentionally) within twenty-five (25) feet from the centerline of any railroad track. Causes of potential encroachment include but are not limited to equipment that has the potential to swing, pivot, extend or mechanically fail. Potential encroachment must also account for a distance of one-half the length of the largest load that any equipment may lift. Additionally, Railroad reserves the right to require a flagman for work on Railroad property not meeting the above criteria when there are other conditions or considerations that would indicate the need for a flagman to safeguard Railroad's operations, property and safety of any person.

#### **Cable Location**

A cable location of RAILROAD owned facilities may be required prior to the start of any work based on the RAILROAD's review of the proposed project. The purpose of cable location is to identify and protect Signal & Communication cables that have been installed to provide power, signal control, and wayside communications. These cables are vital to a safe and reliable railway operation. The cable locate will be performed by a qualified RAILROAD employee.

The cost for a cable location is \$350.00, and must be prepaid by check before RAILROAD will undertake the cable locate work.

Outside contractors are prohibited from driving on, along, or across any track that does not have a CN installed crossing. They may utilize an existing public crossing. The practice of allowing rubber tired equipment to operate over track with no crossing is strictly prohibited. Exceptions to this rule will require the express approval from CN Engineering.

Prior to any project being started, the RAILROAD requires a "Request for Flagging Services and Cable Location" form to be completed and submitted, including check for prepayment based on the number of days and hours flagging protection will be required and also prepayment for cable location as necessary. Separate checks must be issued for flagging protection and cable location. You must have an agreement with a CN railroad subsidiary, such as a Right of Entry, Permit, License, or Formal Agreement in addition to any necessary flagging before you may enter CN property.

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# **Request for Flagging Services and Cable Location**

U.S.

Requests and inquiries must be directed to: Flagging-US

Is this a continuation of an existing project? Yes   No	
If YES, please provide your Service Order #	

17641 South Ashland Ave. Homewood, IL 60430 Flagging_US@CN.CA	If YES, pl	ease provide	your Se	rvice Order	#	_	
	s below <u>must</u> be <u>completely</u> filled in before	e any flagma	n request	will be hon	ored.		
Work Authorization: Right of Entry/License/Permit No	).:	Dated:			Railroad:		
	e/Permit require a Railroad Cable Locate a CN railroad subsidiary, such as a Right of necessary flagging before you ma	of Entry, Pern			l Agreement in addit	ion to any	
Project Information:	Please submit a	ı detailed maş	of the lo	cation wher	e protection is being	requested.	
Street Location/Intersection			City	/State			
Railroad Milepost	Railroad Subdivision						
Description of work being perform	med:						
Name of Site Contact:	Site Contact Phone: (_	)	-	Alt: (	) -		
Requested Dates/Times:	Dates requested are subject to flagman a	vailability. M	inimum :	5 business da	ays advance notice re	quired.	
	otection:,,						
	,,,,,,,,,,,,,,,,,,,,,,,,,,						
Billing Information:				All bla	inks spaces must be	e filled ou	
Company Name:		Requestor Name:					
Billing Address:							
City:	State:		Zip: _				
Company Phone:	Company Fax:		E-M	[ail:			
CN require	ed online training must be completed before	e Flagman Pro	otection v	will be sched	uled.		
Flagman Protection is \$1,300.00 for Additional overtime hours must be with a \$1,500.00 / 10 hour minimed Railroad Cable Location must be processed for Separate Checks must be issued for the second s	fore Flagging Protection will be scheduled. To reference the prepaid at the rate of \$150.00 per hour. Note that the rate of \$150.00 per locate. Our Flagging Protection and Cable Location. On the reference of Formal Agreement.	for flagman t Weekends and overtime not	o set up/ d Holiday t used ca	take down p rs must be pi n be refunde	rotection if needed. repaid at the overtimed.	ne rate	
If additional days of protection are	e required they must be prepaid in advance	e		Rate	s Effective January 1	st 2017.	
THIS COMPLETED FORM	MUST BE SENT WITH A MAP, PREPA	YMENT CH	ECK(S),	AND PROC	OF OF INSURANCI	E <b>TO</b> :	

US-FLAGGING / 17641 SOUTH ASHLAND AVE. HOMEWOOD, IL 60430

I agree to pay for flagging services as requested: \_

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**Manager Public Works** Thomas L. Brasseur

700 Pershing Rd Pontiac, MI 48340 **T** 715-544-9145

**F** 248-452-4783

Email: thomas.brasseur@cn.ca

# Right of Entry (ROE) License Agreement Information

Railroad Company requires everyone (contractor, consultants, etc.) working on Railroad Company property to have a Right-of-Entry (ROE) License Agreement. No work may occur on Railroad Company property nor will flagging protection be provided until ROE License Agreement has been fully executed by both parties and returned. Follow these steps to obtain a ROE:

- 1. Applicant will Email this completed application to thomas.brasseur@cn.ca
- 2. Applicant will mail a check for the application fee \$1000.00\* to the address listed at the end of this
- 3. Applicant will Email a COI (Certificate of Insurance) meeting the requirements outlined in the Insurance requirements section of this document
- 4. Once steps 1-3 are completed, the Railroad Company will begin processing the ROE application
- 5. If approved, the Applicant will receive an electronic copy of the ROE agreement by email
- 6. Applicant will have the ROE agreement executed by Applicant's VP or president of Applicant's company
- 7. Applicant will return a **HARD COPY** of the partially executed ROE agreement by mail to the Railroad Company address listed at the end of this document
- 8. The Railroad Company will return a fully executed digital copy of the ROE License Agreement by email for the Applicants records.

Please use this form and return by email to submit application request for a Right of Entry agreement.

Contact name and Email address – Name of Applicant/contractor and email address -Street Address -City, State, Zip -Telephone -Detailed Purpose for ROE -

Start and Completion Date of ROE –

Public Agency's Project No. -

Public Agency Easement No. (if known) -

Location of project -

Subdivision and Milepost -

FRA/AAR/DOT Crossing No. and Name -(Nearest to jobsite)

If unable to locate this number at jobsite, please use following links to obtain: http://safetydata.fra.dot.gov/officeofsafety/publicsite/crossing/xinggryloc.aspx

In Illinois

http://www.icc.illinois.gov/railroad/advanced.aspx?

Please attach an aerial snapshot and a Google Earth kmz file to help identify specific location.

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#### **FAQ**

#### What time frame can I expect to begin work and have flagging protection for my work?

A Right of Entry License Agreement usually takes 4 to 6 weeks to obtain. Once you have a fully executed ROE agreement, you will receive a flagging request form. This flagging request form along with prepayment for flagging fees will need to be *mailed to the physical address listed on the flagging request form*. Once this flagging request form is received, it is usually about 10 days until a flagger can be scheduled. These are normal time frames. Time frames can vary substantially based on many factors. Expedited time frames may be able to be requested at an additional fee.

A brief summary of time frame for each step toward obtaining flagging protection...

- 1. Right of Entry License Agreement usually takes 4 to 6 weeks to obtain.
- 2. Send in flagging check and flagging request form...about 1 week
- Once this flagging request form is received, it is usually about 10 days until a flagger can be scheduled

# What are the insurance requirements?

Railroad Company allows outside parties to come onto Railroad Company property to perform work, such as survey or inspection work, installation of pipelines and wirelines, and other work for projects necessitating the occupancy of Railroad Company. Before commencing work, and until the license of allowing such occupancy ends or is terminated, outside parties shall provide and maintain the following insurance in form and amount with companies satisfactory to and as approved by Railroad Company.

- 1. Minimum insurance required of outside party:
  - A. Statutory Workers Compensation and Employer's Liability Insurance.
  - B. Automobile Liability Insurance in an amount not less than \$1,000,000 combined single limit.
  - C. Commercial General Liability Insurance (Occurrence Form) in an amount not less than \$5,000,000 per occurrence, with an aggregate limit of not less than \$10,000,000. The policy must name Railroad Company and its Parents as additional insureds in the following form:

Chicago, Central & Pacific Railroad Company and its Parents Attn: Thomas L. Brasseur 700 Pershing Rd Pontiac, MI 48340 715-544-9145 thomas. brasseur@cn.ca

The policy must remove any provisions excluding coverage for injury, loss or damage arising out of or resulting from doing business or undertaking construction or demolition on, near, or adjacent to railroad track or facilities using endorsement CG 2417 10 01 or equivalent approved by Railroad Company.

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D. When outside party is required by Railroad Company or Governing Authority to purchase Railroad Protective Liability Insurance to cover work on, near or adjacent to railroad track or facilities, and outside party is not being hired for this project by Railroad Company, outside party must procure Railroad Protective Liability Insurance in the following form;

This coverage shall be written on an Occurrence Form with limits of not less than \$5,000,000 per occurrence for Bodily Injury, Personal Injury and Physical Damage to Property, with an aggregate limit of not less than \$10,000,000. The policy must name:

Chicago, Central & Pacific Railroad Company and its Parents Attn: Thomas L. Brasseur 700 Pershing Rd Pontiac, MI 48340 715-544-9145 thomas. brasseur@cn.ca

E. In the event the privileges provided herein to Applicant involve any work that could result in the discharge, spillage, disposal, release or escape of any Hazardous Material or petroleum product onto the Railroad Company's property, Applicant shall purchase and maintain in effect at all times during the term of this License a Contractor's Pollution Liability policy in an amount not less than two million dollars (\$2,000,000) combined single limit (and with a deductible not to exceed \$50,000) insuring Railroad against any and all damages, costs, liabilities and expenses resulting from on- or off-site bodily injury (including death to any person), on or off-site loss, damage or destruction of property (including that belonging to the parties hereto), and on-or offsite cleanup costs (including expenses incurred in the investigation, removal, remediation, neutralization, or immobilization of contaminated soils, surface water, groundwater or any other contamination) growing out of or incidental to any discharge, spillage, disposal, release, or escape of any Hazardous Material or petroleum product arising therefrom. For purposes of this Agreement, the term "Hazardous Material" shall include, without limit, any flammable explosives, radioactive materials, hazardous materials, hazardous wastes, hazardous or toxic substances, or related materials defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended (42 U.S.C. §§ 9601, et seq.), the Hazardous Material Transportation Act, as amended (49 U.S.C. §§ 1801, et seq.), the Resource Conservation and Recovery Act, as amended (42 U.S.C. §§ 6901 et seq.), the Toxic Substances Control Act, as amended (15 U.S.C. §§ 2601, et seq.), similar laws or ordinances enacted by any state, county or municipality in which the Property is located, or in the regulations adopted and publications promulgated pursuant to any of the above, as such laws or regulations now exist or may exist in the future.

Applicant is required to advise Railroad Company by thirty (30) day advance written notice when any work to be performed under this License may require Pollution Liability Insurance pursuant to the previous paragraph.

- F. All policies described above must include description of operations, Railroad Company milepost, highway or street name, city and state of location, project number, and Railroad Company contact person on the certificate.
- 2. Before commencing work, outside party shall deliver to Railroad Company a certificate of insurance evidencing the foregoing coverages and, if requested by Railroad Company, true and complete copies of the policies described above. If the policy is being issued in conjunction with, or as a result of, a city, county or state contract, the policy should be initially submitted to the respective city, county or state agency that will review it first and then forward it to Railroad Company.
- 3. Common Policy Provisions. Each policy described in paragraph 1, parts A through E above, must include the following provisions:
  - A. Each policy shall include a waiver by the insurer of any right of subrogation against any recovery by or on behalf of any insured.
  - B. Each policy shall provide for not less than thirty (30) days prior written notice to Railroad Company at the address listed above of cancellation of or any material change in that policy.

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4. It is understood and agreed that the foregoing insurance coverage requirements, and outside party's compliance with those requirements, is not intended to, and shall not, relieve outside party from, or serve to limit, outside party's liability and indemnity obligations under the provisions herein.

- 5. Railroad Company shall have the right, from time to time, to revise the amount or form of insurance coverage required as circumstances or changing economic conditions may require. Railroad Company shall give outside party written notice of any such requested change at least thirty (30) days before the date of expiration of the then-existing policy or policies, outside party agrees to, and shall, thereupon provide Railroad Company with such revised policy or policies.
- 6. Insurance required of SUBCONTRACTOR:
  - A. If a SUBCONTRACTOR is to be employed by outside party to perform work on Railroad Company under or by the permission for occupancy granted to outside party by Railroad Company, before commencing work, the SUBCONTRACTOR shall provide and thereafter maintain all of the insurance described in paragraph 1, parts A through E, above, in the same forms and amounts as provided for above and subject to the other terms and conditions provided for in paragraphs 2 through 4 above.
  - B. In the alternative, before the SUBCONTRACTOR commences work for outside party on Railroad Company, outside party may provide and thereafter maintain all of the insurance described in paragraph 1, parts A through E, above, in the same forms and amounts as provided for above and subject to the other terms and conditions provided for in paragraphs 2 through 5 above, provided that all such insurance names SUBCONTRACTOR as an additional insured and all such insurance provides coverage to all additional insureds, including Railroad Company, for any liability arising out of work performed by all other additional insureds, including SUBCONTRACTOR.

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#### Is safety training required?

Prior to any entry onto Railroad Company's property, the employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee shall determine by the guidelines hereinafter provided and by the work to be performed the level of safety training to be required.

All employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee not hired by Railroad Company that will work on CN property are required to have minimum www.contractororientation.com.

a. EXCEPTION: Railroad Company has exempted those it classifies as "Delivery Persons" from this training. This will include contractors such as UPS, FedEx, trucking companies, etc. who merely access the property to supply materials or equipment.

All employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee hired by Railroad Company which will work on Railroad Company property are required to have minimum CN Safety and Security Awareness training, in addition to undergoing a background check. This training and background check must be obtained through the eRailSafe.com website. If not done before, the contractor must contact e-RailSafe at 855-383-7434 to be issued either a vendor number or issued instructions on obtaining a non –railroad contractor vendor number prior to accessing the noted website. Minimum information required of a Contractor, Grantee, Licensee, or Permittee and/or their subcontractor when contacting e-RailSafe is Name, Address, Telephone, Contact Person for State Projects, DOT Contract Number, and the AAR/DOT Number. This training is good for a period of two years.

- a. EXCEPTION: Railroad Company has exempted those employees of contractors providing paving services at a road crossing under construction or repair from this requirement.
- b. EXCEPTION: Railroad Company has exempted those it classifies as "Delivery Persons" from this training. This will include contractors such as UPS, FedEx, trucking companies, etc. who merely access the property to supply materials or equipment.

All employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee hired by Railroad Company, whose duties include and who are engaged in the inspection, construction, maintenance, or repair of railroad track, bridges, roadway, signal and communication systems, roadway facilities, or roadway machinery that will work foul of or have the potential to foul a live track are considered Roadway Workers under FRA regulations and CN Policy. They must complete the On-Track Safety Training course approved by Railroad Company and provided by R.R. Safety – AMR, P.O. Box 75, Lomira, WI 53048, telephone (920) 517-1677, email <a href="mailto:rrsafetytraining@yahoo.com">rrsafetytraining@yahoo.com</a>. This training must be repeated at least once each calendar year.

- a. EXCEPTION: Railroad Company has exempted those employees of contractors providing paving services at a road crossing under construction or repair from this requirement.
- b. EXCEPTION: Railroad Company has exempted those it classifies as "Delivery Persons" from this training. This will include contractors such as UPS, FedEx, trucking companies, etc. who merely access the property to supply materials or equipment.
- c. All the employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee who will operate on-track machinery or those who will provide protection for other employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee must also be trained on CN US Operating Rules pertaining to their duties. They must take and pass the required examination. This training is good for a period of two years.
- d. "Potential to foul a live track" is considered, at a minimum, to be working within twenty-five (25) feet of the track; or as otherwise to be determined by CN Design & Construction Department.

The employees, subcontractors, and/or agents of the Licensee and/or its contractor shall qualify for, and make available for inspection to Railroad Company's employees or other authorized personnel at all times while on Railroad Company property, a photo identification issued by <a href="https://www.e-railsafe.com">www.e-railsafe.com</a>, along with at least one other government-issued form of identification. Licensee and/or their contractor shall bear all costs of compliance with the requirements of this Section. Railroad Company reserves the right to bar any of employees or agents of a Contractor, Grantee, Licensee, or Permittee and/or their contractor from Railroad Company's property at any time for any reason.

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What are the costs and address to mail documents and ROE application fee check?

#### **Application Fee Information:**

# Cost is \$1000.00\* for application

\*Fee may be increased for special handling, expedited handling, or multiple reviews.

Check Payable To: Chicago, Central & Pacific Railroad Company

Mail To: Thomas L. Brasseur

700 Pershing Rd Pontiac, MI 48340

# **Mailing Address Information:**

Mail To: Chicago, Central & Pacific Railroad Company

Attn: Thomas L. Brasseur

700 Pershing Rd Pontiac, MI 48340

### Flagging Protection Rates:

Basic daily rate – = \$1,300.00 per day

Monday thru Friday regular business hours

Includes 8 standard rate hours and 2 OT hours to set flags

Overtime rate – = \$150.00 per hour

hours in excess of 8 hours or outside of regular business hours

Weekend or holiday rate - = \$1,500.00 per day

\$150.00 per hour with a 10 hour minimum

Email the completed first page above to: thomas.brasseur@cn.ca

Revised 04-04-2017

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BV	ABOVE	CU YD	CUBIC YARD	HD	HEAD	PED	PEDESTAL	STD	STANDARD
/C	ACCESS CONTROL	CULV	CULVERT	HDW	HEADWALL	PNT	POINT	SBI	STATE BOND ISSUE
C	ACRE	C&G	CURB & GUTTER	HDUTY	HEAVY DUTY	PC	POINT OF CURVATURE	SR	STATE ROUTE
DJ	ADJUST	D	DEGREE OF CURVE	ha	HECTARE	PI	POINT OF INTERSECTION OF HORIZONTAL	STA	STATION
S	AERIAL SURVEYS	DC	DEPRESSED CURVE	HMA	HOT MIX ASPHALT		CURVE	SPBGR	STEEL PLATE BEAM GUARDRAIL
GG	AGGREGATE	DET	DETECTOR	HWY	HIGHWAY	PRC	POINT OF REVERSE CURVE	SS	STORM SEWER
Н	AHEAD	DIA	DIAMETER	HORIZ	HORIZONTAL	PT	POINT OF TANGENCY	STY	STORY
PT	APARTMENT	DIST	DISTRICT	HSE	HOUSE	POT	POINT ON TANGENT	ST	STREET
SPH	ASPHALT	DOM	DOMESTIC	ΙL	ILLINOIS	POLYETH	POLYETHYLENE	STR	STRUCTURE
UX	AUXILIARY	DBL	DOUBLE	IMP	IMPROVEMENT	PCC	PORTLAND CEMENT CONCRETE	е	SUPERELEVATION RATE
GS	AUXILIARY GAS VALVE (SERVICE)	DSEL	DOWNSTREAM ELEVATION	in dia	INCH DIAMETER	PP	POWER POLE OR PRINCIPAL POINT	S.E. RUN.	SUPERELEVATION RUNOFF LENGTH
VE	AVENUE	DSFL	DOWNSTREAM FLOWLINE	INL	INLET	PRM	PRIME	SURF	SURFACE
Χ	AXIS OF ROTATION	DR	DRAINAGE OR DRIVE	INST	INSTALLATION	PE	PRIVATE ENTRANCE	SMK	SURVEY MARKER
K	BACK	DI	DRAINAGE INLET OR DROP INLET	IDS	INTERSECTION DESIGN STUDY	PROF	PROFILE	Т	TANGENT DISTANCE
<b>-</b> B	BACK TO BACK	DRV	DRIVEWAY	INV	INVERT	PGL	PROFILE GRADELINE	T.R.	TANGENT RUNOUT DISTANCE
KPL	BACKPLATE	DCT	DUCT	IP	IRON PIPE	PROJ	PROJECT	TEL	TELEPHONE
	BARN	EA	EACH	IR	IRON ROD	P.C.	PROPERTY CORNER	ТВ	TELEPHONE BOX
ARR	BARRICADE	EB	EASTBOUND	JT	JOINT	PL	PROPERTY LINE	TP	TELEPHONE POLE
GN	BEGIN	EOP	EDGE OF PAVEMENT	kg	KILOGRAM	PR	PROPOSED	TEMP	TEMPORARY
М	BENCHMARK	E-CL	EDGE TO CENTERLINE	km	KILOMETER	R	RADIUS	TBM	TEMPORARY BENCH MARK
IND	BINDER	E-E	EDGE TO EDGE	LS	LANDSCAPING	RR	RAILROAD	TD	TILE DRAIN
ΙΤ	BITUMINOUS	EL	ELEVATION	LN	LANE	RRS	RAILROAD SPIKE	TBE	TO BE EXTENDED
TM	BOTTOM	ENTR	ENTRANCE	LT	LEFT	RPS	REFERENCE POINT STAKE	TBR	TO BE REMOVED
LVD	BOULEVARD	EXC	EXCAVATION	LP	LIGHT POLE	REF	REFLECTIVE	TBS	TO BE SAVED
RK	BRICK	EX	EXISTING	LGT	LIGHTING	RCCP	REINFORCED CONCRETE CULVERT PIPE	TWP	TOWNSHIP
BOX	BUFFALO BOX	EXPWAY	EXPRESSWAY	LF	LINEAL FEET OR LINEAR FEET	REINF	REINFORCEMENT	TR	TOWNSHIP ROAD
LDG	BUILDING	E	EXTERNAL DISTANCE OF HORIZONTAL CURVE	L	LITER OR CURVE LENGTH	REM	REMOVAL	TS	TRAFFIC SIGNAL
ΙP	CAST IRON PIPE	E	OFFSET DISTANCE TO VERTICAL CURVE	LC	LONG CHORD	RC	REMOVE CROWN	TSCB	TRAFFIC SIGNAL CONTROL BOX
В	CATCH BASIN	F-F	FACE TO FACE	LNG	LONGITUDINAL	REP	REPLACEMENT	TSC	TRAFFIC SYSTEMS CENTER
-C	CENTER TO CENTER	FA	FEDERAL AID	L SUM	LUMP SUM	REST	RESTAURANT	TRVS	TRANSVERSE
L	CENTERLINE OR CLEARANCE	FAI	FEDERAL AID INTERSTATE	MACH	MACHINE	RESURF	RESURFACING	TRVL	TRAVEL
L-E	CENTERLINE TO EDGE	FAP	FEDERAL AID PRIMARY	MB	MAIL BOX	RET	RETAINING	TRN	TURN
L-F	CENTERLINE TO FACE	FAS	FEDERAL AID SECONDARY	MH	MANHOLE	RT	RIGHT	TY	TYPE
TS	CENTERS		FEDERAL AID URBAN SECONDARY	MATL	MATERIAL	ROW	RIGHT-OF-WAY	T-A	TYPE A
ERT	CERTIFIED	FP	FENCE POST	MED	MEDIAN	RD	ROAD	TYP	TYPICAL
HSLD	CHISELED	FE	FIELD ENTRANCE	m	METER	RDWY	ROADWAY	UNDGND	UNDERGROUND
S	CITY STREET	FH	FIRE HYDRANT	METH	METHOD	RTE	ROUTE	USGS	U.S. GEOLOGICAL SURVEY
P	CLAY PIPE	FL	FLOW LINE	M	MID-ORDINATE	SAN	SANITARY	USEL	UPSTREAM ELEVATION
LSD	CLOSED	FB	FOOT BRIDGE	mm	MILLIMETER	SANS	SANITARY SEWER	USFL	UPSTREAM FLOWLINE
LID	CLOSED LID	FDN	FOUNDATION FRAME		MILLIMETER DIAMETER	SEC SEED	SECTION	UTIL	UTILITY
T	COAT OR COURT COMBINATION	FR F&G	FRAME & GRATE	MIX MBH	MIXTURE MOBILE HOME	SEED	SEEDING SHAPING	VBOX VV	VALVE NALUE
ОМВ	COMMERCIAL BUILDING		FREEWAY	MOD	MODIFIED	S	SHED	V V VLT	VALVE VAULT VAULT
E	COMMERCIAL BUILDING COMMERCIAL ENTRANCE	GAL	GALLON	MET	MOTOR FUEL TAX	SH	SHEET	VEH	VEHICLE
ONC	CONCRETE	GALV	GALVANIZED		NAIL & BOTTLE CAP	SHLD	SHOULDER	VEN VP	VENT PIPE
	CONSTRUCT	GALV	GARAGE		NAIL & CAP	SW	SIDEWALK OR SOUTHWEST	VERT	VENTICAL
	CONTINUED	GM	GAS METER		NAIL & WASHER	SIG	SIGNAL OR SOUTHWEST	VERT	VERTICAL CURVE
ONT	CONTINUOUS	GV	GAS VALVE	NOAA	NATIONAL OCEANIC ATMOSPHERIC	SOD	SODDING	VPC	VERTICAL CORVE  VERTICAL POINT OF CURVATURE
OR	CORNER		GRANULAR	NOAA	ADMINISTRATION	SM	SOLID MEDIAN	VPI	VERTICAL POINT OF CORVATORE  VERTICAL POINT OF INTERSECTION
ORR	CORRUGATED	GR	GRATE	NC	NORMAL CROWN	SB	SOUTHBOUND	VPT	VERTICAL POINT OF TANGENCY
MP	CORRUGATED METAL PIPE	GRVL	GRAVEL	NB	NORTHBOUND	SE	SOUTHEAST	WM	WATER METER
NTY	COUNTY	GND	GROUND	NE	NORTHEAST	SPL	SPECIAL	WV	WATER WALVE
Н	COUNTY HIGHWAY		GUTTER	NW	NORTHWEST	SD	SPECIAL DITCH	WMAIN	WATER MAIN
SE	COURSE	GP	GUY POLE	OLID	OPEN LID	SQ FT	SQUARE FEET	WB	WESTBOUND
SECT	CROSS SECTION		GUY WIRE	PAT	PATTERN	m <sup>2</sup>	SQUARE METER	WILDFL	WILDFLOWERS
3EC1	CUBIC METER	HH	HANDHOLE	PVD	PAVED	mm <sup>2</sup>	SQUARE MILLIMETER	W	WITH
nm³	CUBIC MILLIMETER		HATCHING	PVMT	PAVEMENT	SQ YD	SQUARE YARD	WO	WITHOUT
		HAICH	101101010	1 4 141 1		30 10	200111E 1011D	v v 🔾	

Illinois D	epartment of T	ransporta	tion
PASSED While ENGINEER OF PO	January 1,  LICY AND PROCEDUR	2019 ES	ISSUED
APPROVED	January 1,	2019	1-1-97

	DATE	REVISIONS	
Ī	1-1-19	Added new symbols.	
	1-1-11	Updated abbreviations	
		and symbols.	
Γ			l

# STANDARD SYMBOLS, **ABBREVIATIONS** AND PATTERNS (Sheet 1 of 9)

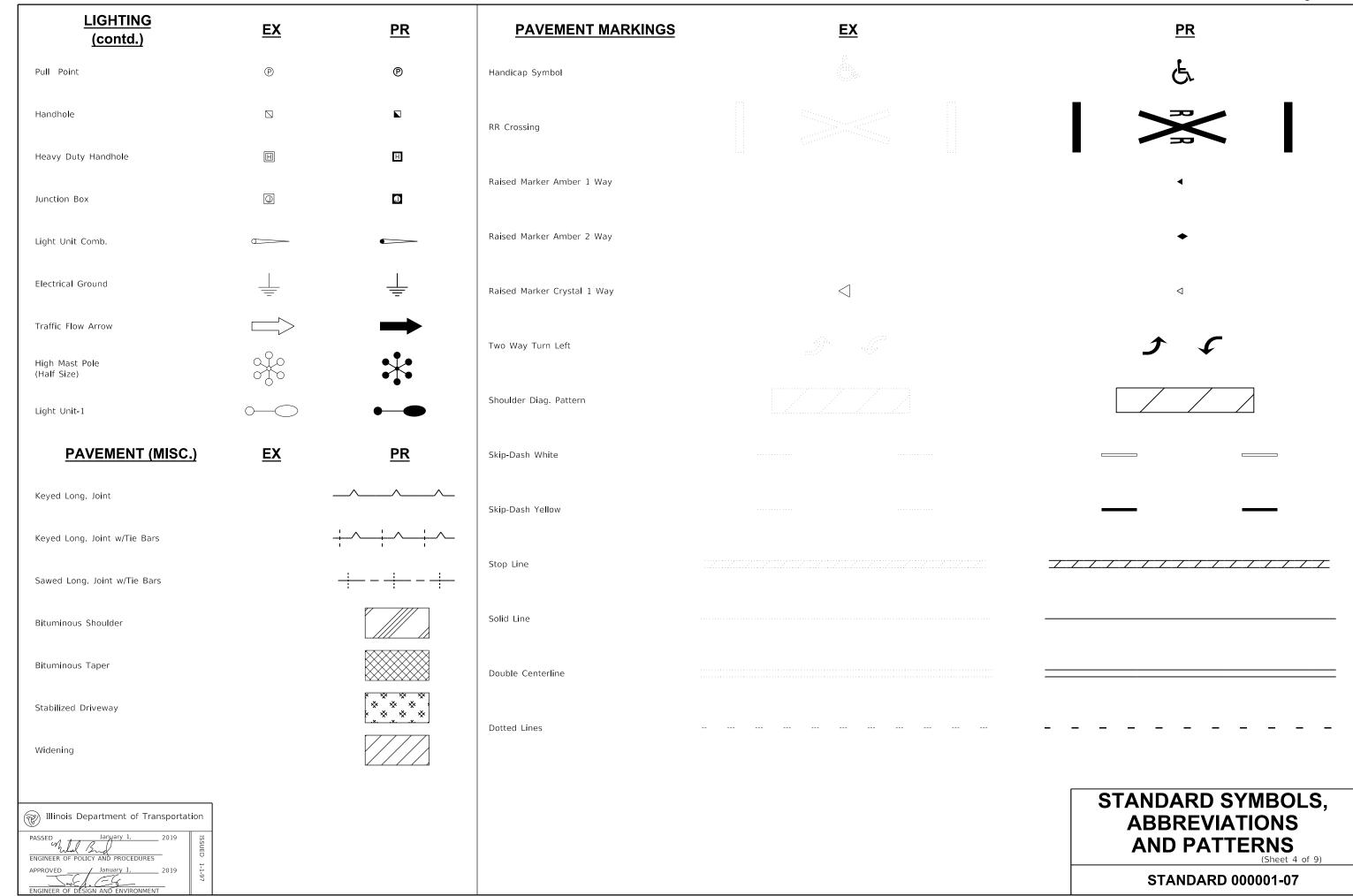
STANDARD 000001-07

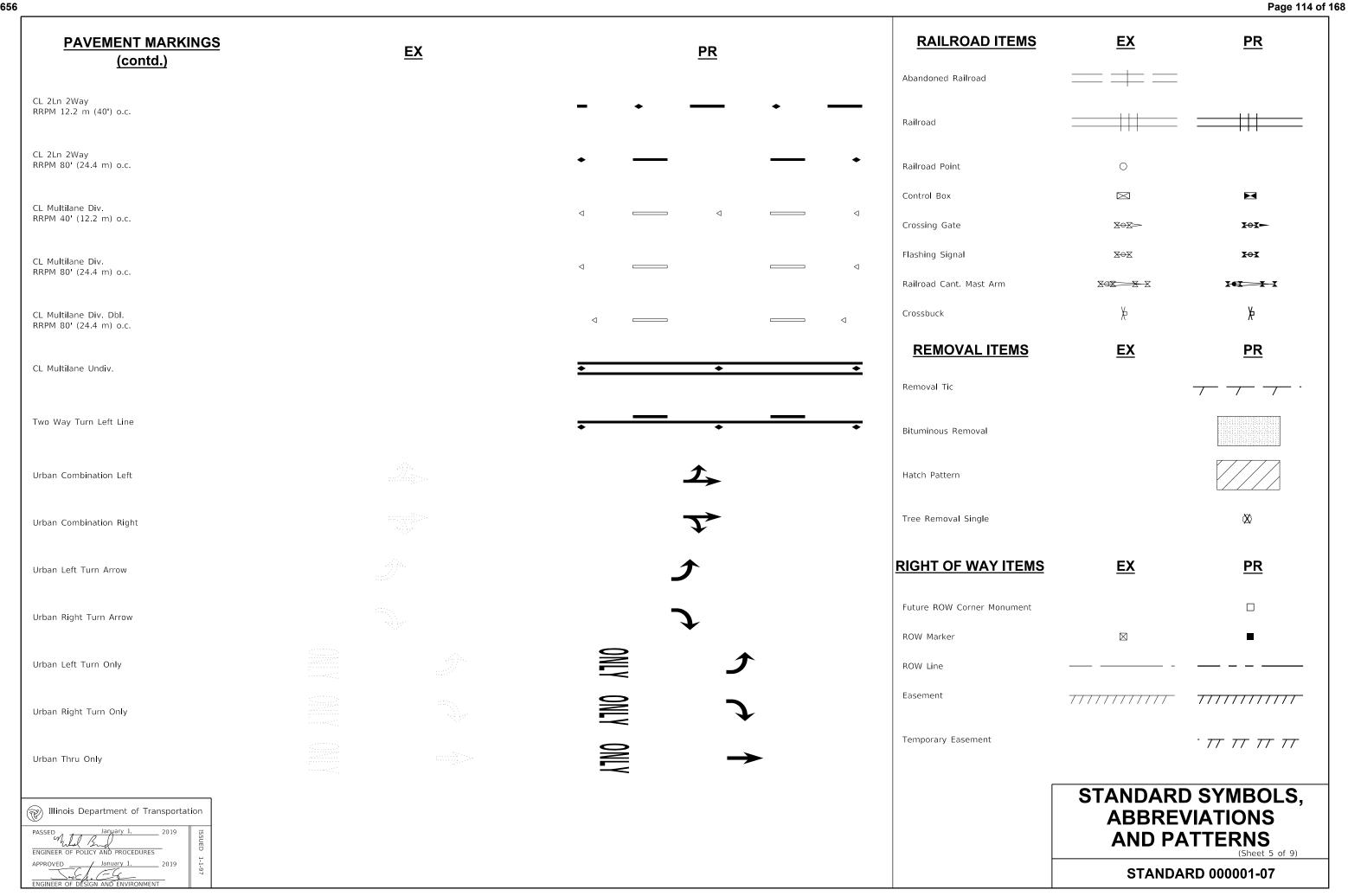
ADJUSTMENT ITEMS EX	<u>PR</u>	ALIGNMENT ITEMS	<u>EX</u>	<u>PR</u>	DRAINAGE ITEMS	<u>EX</u>	<u>PR</u>
Structure To Be Adjusted	ADJ	Baseline			Channel or Stream Line		
		Centerline			Culvert Line	H	
Structure To Be Cleaned	С	Centerline Break Circle	0	$\odot$	Grading & Shaping Ditches		
Main Structure To Be Filled	FM	Baseline Symbol	\	\	Drainage Boundary Line	_/// _/// -	
Structure To Be Filled	F	Centerline Symbol	Ę	Ę	Paved Ditch		
Sadetale 10 Be filled		PI Indicator	Δ	Δ	Aggregate Ditch		
Structure To Be Filled Special	FSP	Point Indicator	0	o	Pipe Underdrain		
Structure To Be Removed	R	Horizontal Curve Data (Half Size)	CURVE P.I. STA= △=	CURVE P.I. STA= ∆=	Storm Sewer		<b></b>
		(Hall Size)	D= R= T= L=	D= R= T=	Flowline	Ē.	£
Structure To Be Reconstructed	REC		E=	L= E= e= T.R.=	Ditch Check	<b>-</b> ♦	<b>-</b>
Structure To Be Reconstructed Special	RSP		T.R.= S.E. RUN= P.C. STA= P.T. STA=	e= T.R.= S.E. RUN= P.C. STA= P.T. STA=	Headwall	_	
Frame and Grate	[	BOUNDARIES ITEMS	<u>EX</u>	PR	Inlet		-
To Be Adjusted	А	Dashed Property Line			Manhole	0	<b>⊙</b>
Frame and Lid To Be Adjusted	A	Solid Property/Lot Line			Summit	<b>←</b> +>	$\longleftrightarrow$
Domestic Service Box	$\bigwedge$	Section/Grant Line			Roadway Ditch Flow	<b>-</b> √>	<b>-</b> ∼→
To Be Adjusted	A	Quarter Section Line			Swale	$\rightarrow$	-+-
Valve Vault To Be Adjusted	A	Quarter/Quarter Section Line			Catch Basin	0	•
Special Adjustment	(SP)	County/Township Line			Culvert End Section	◁	•
		State Line			Water Surface Indicator		
Item To Be Abandoned	АВ	Iron Pipe Found	0		Riprap		
Item To Be Moved	M	Iron Pipe Set	•		HYDRAULICS ITEMS	EX	<u>PR</u>
	[DEL]	Survey Marker			Overflow		
Item To Be Relocated	REL	Property Line Symbol	$\mathbb{P}$		Sheet Flow		
Pavement Removal and Replacement		Same Ownership Symbol (Half Size)					
	<del></del>	Northwest Quarter Corner			Hydrant Outlet		
		(Half Size)				STANDARD	SYMBOLS,
PASSED a January 1. 2019 55		Section Corner (Half Size)				ABBREV	ATIONS
ENGINEER OF POLICY AND PROCEDURES		Southeast Quarter Corner				AND PAT	TERNS (Sheet 2 of 9)
APPROVED January 1, 2019  ENGINEER OF DESIGN AND ENVIRONMENT		(Half Size)	( <u> -/    m</u> ]			STANDAR	D 000001-07

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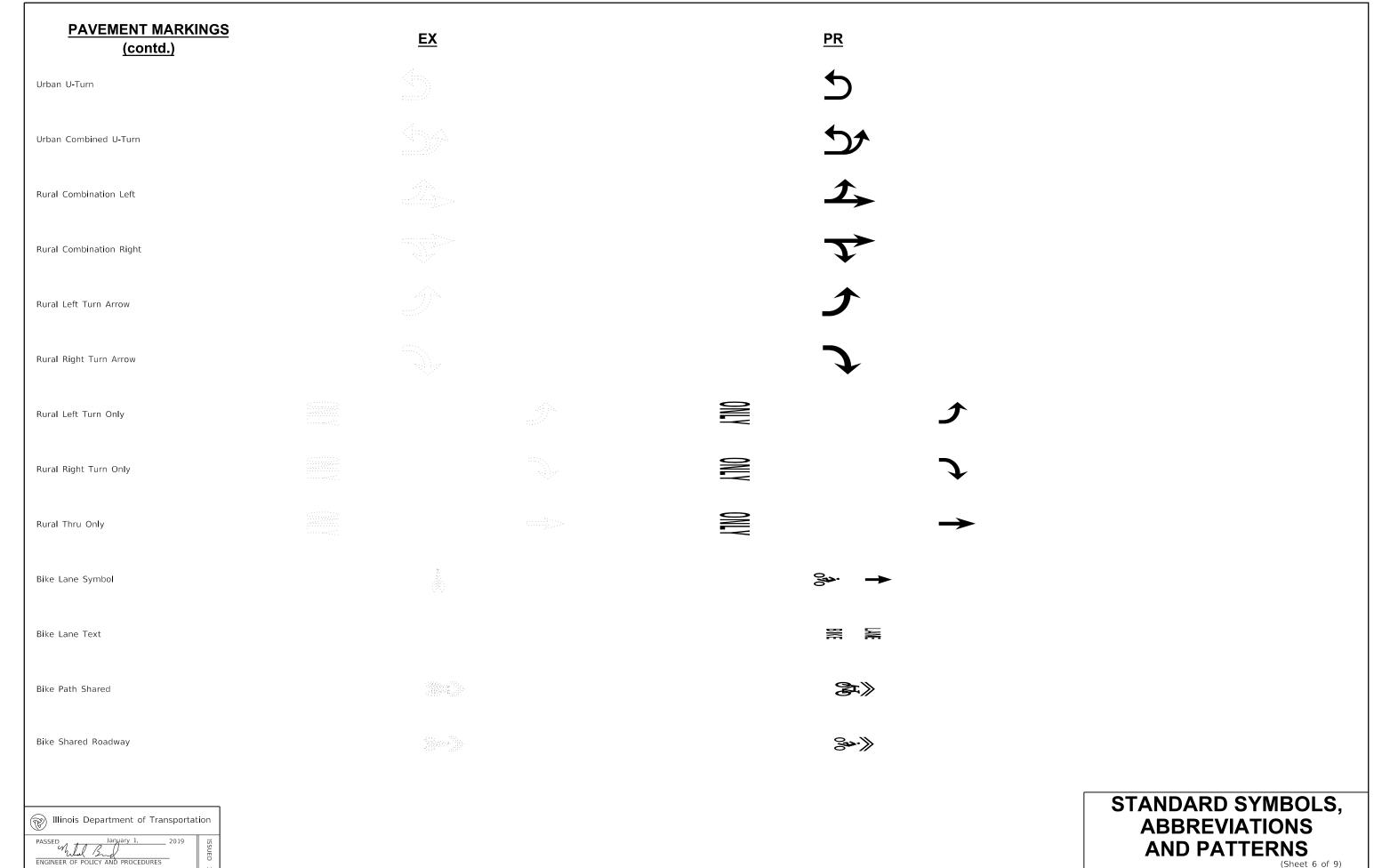
EROSION & SEDIMENT CONTROL ITEMS	<u>EX</u>	PR	NON-HIGHWAY IMPROVEMENT ITEMS	EX	<u>PR</u>	EXISTING LANDSCAPING ITEMS	<u>EX</u>	<u>PR</u>
Cleaning & Grading Limits			Noise Attn./Levee			(contd.)		
Dike					-	Seeding Class 5		
Erosion Control Fence		<b>****</b>	Field Line	—— E——	-			
Perimeter Erosion Barrier						Seeding Class 7		
Temporary Fence		_ xxx xxx xxx xxx xxx	Fence	_ x x x x x	-			
Ditch Check Temporary		<u></u>	Base of Levee		-	Seedlings Type 1		
Ditch Check Permanent		<b>—</b>	Mailbox	P		Seedlings Type 2		
Inlet & Pipe Protection		$\bigoplus$	Multiple Mailboxes			Sodding		
Sediment Basin			Pay Telephone			Mowstake w/Sign		_•_
Erosion Control Blanket			Advertising Sign	þ		Tree Trunk Protection		•
Fabric Formed Concrete Revetment Mat			ITS <sup>*</sup> Camera	Ó		Evergreen Tree	<del>(E)</del>	
Turf Reinforcement Mat			Wind Turbine	<b>\( \)</b>			$\mathcal{H}$	4
Mulch Temporary		京 京 京 京 京 京 京 京 京 京 京 京 京 京	Cellular Tower	(g) (X)		Shade Tree	E	+
Mulch Method 1		+ X + X + , ,	*Intelligent Transportation Systems  LANDSCAPING ITEMS  Contour Mounding Line	<u>EX</u>	<u>PR</u>	LIGHTING	<u>EX</u>	<u>PR</u>
Mulch Method 2 Stabilized		*************************************	Fence		- x x x x	Duct		
			Fence Post		0	Consoluit		
Mulch Method 3 Hydraulic		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Shrubs			Conduit		
			Mowline		<del></del>	Electrical Aerial Cable	——— А ———	——— A ———
CONTOUR ITEMS	EX	<u>PR</u>	Perennial Plants			Electrical Buried Cable	L	L
Approx. Index Line —— ·						Controller	$\bowtie$	×
Approx. Intermediate Line ——			Seeding Class 2			Underpass Luminaire		
Index Contour ———			Seeding Class 2A			Power Pole	-0-	-
Intermediate Contour  Illinois Department of Transportation  PASSED  January 1.  ENGINEER OF POLICY AND PROCEDURES			Seeding Class 4				STANDARD ABBREV AND PA	IATIONS
APPROVED January 1, 2019 ENGINEER OF POLICY AND PROCEDURES  APPROVED January 1, 2019  ENGINEER OF DESIGN AND ENVIRONMENT			Seeding Class 4 & 5 Combined				STANDAF	(Sheet 3 of 9)

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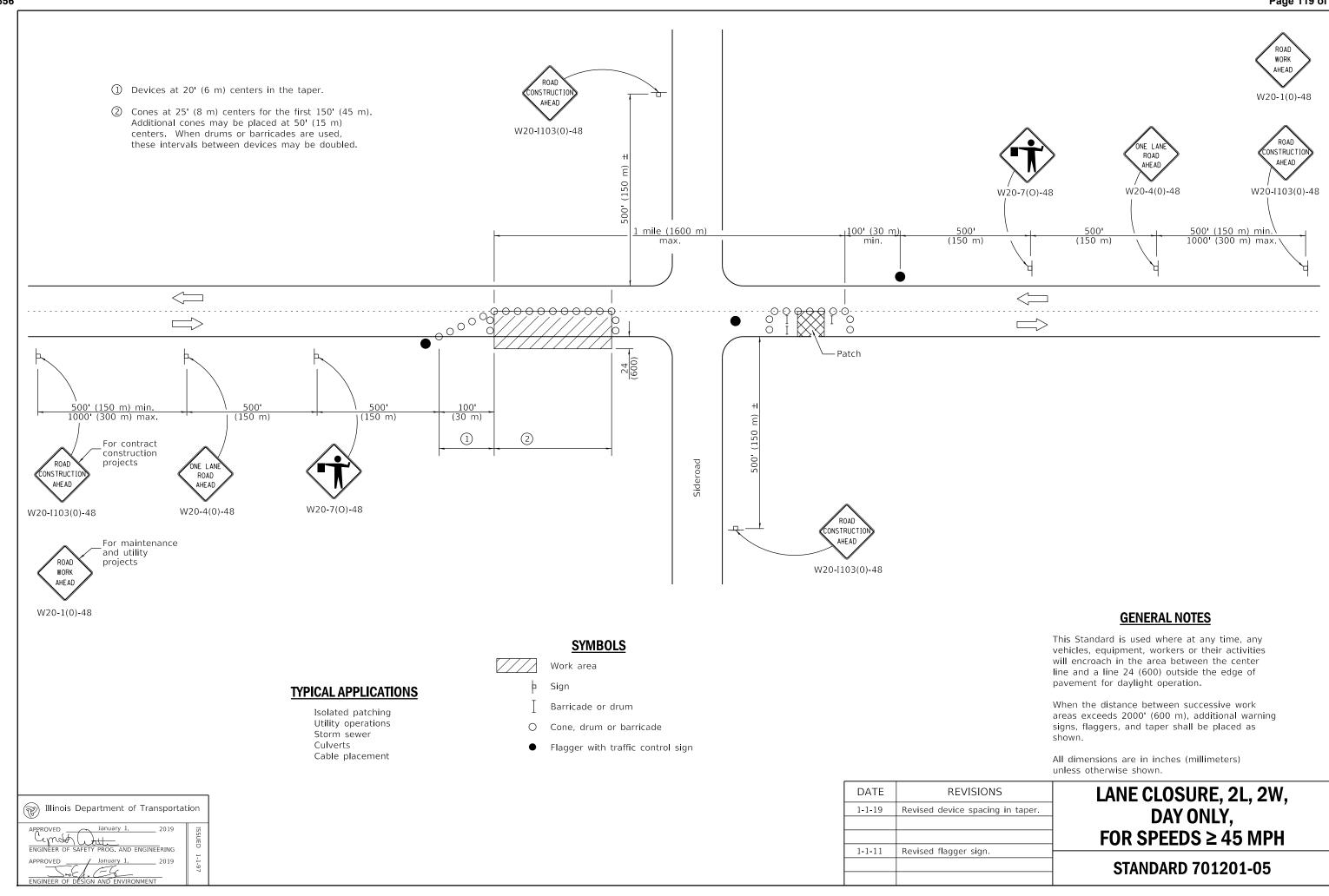
•			1					Paye 116 01
RIGHT OF WAY ITEMS (contd.)	<u>EX</u>	<u>PR</u>	ROADWAY PROFILES	<u>EX</u>	<u>PR</u>	SIGNING ITEMS (contd.)	<u>EX</u>	<u>PR</u>
			P.I. Indicator	Δ	Δ			
Access Control Line —		— AC ———	Point Indicator	0	o	Reverse Left W1-4L (Half Size)		$\langle \uparrow \rangle$
Access Control Line & ROW —	AC	——————————————————————————————————————	Point indicator	Ü	<b>U</b>	(null Size)		1
Access Control Line & ROW with Fence	x — AC — ·	*- AC -*	Earthworks Balance Point		lacktriangle	Reverse Right W1-4R		
Excess ROW Line	-	— xs — — —			Г	(Half Size)		
ROADWAY PLAN ITEMS	<u>EX</u>	<u>PR</u>	Begin Point			Two Way Traffic Sign W6-3 (Half Size)		
Cable Barrier			Vert. Curve Data	VPI = ELEV= L = F =	VPI = ELEV= L =	(Hull Size)		•
Concrete Barrier			Ditch Profile Left Side —	E =	E =	Detour Ahead W20-2(O) (Half Size)		DETOUR AHEAD
Edge of Pavement			Ditch Profile Right Side —		<del></del>			
Bit Shoulders, Medians and C&G Line			Roadway Profile Line —  Storm Sewer Profile Left Side —			Left Lane Closed Ahead W20-5L(O)		LEFT LANE CLOSED
Aggregate Shoulder			Storm Sewer Profile Right Side —		<del></del>	(Half Size)		AHEAD
Sidewalks, Driveways						Dight Lava Classed Abased W20 FR/		RIGHT LANE
Guardrail			SIGNING ITEMS	EX	<u>PR</u>	Right Lane Closed Ahead W20-5R(0 (Half Size)	))	RIGHT LANE CLOSED AHEAD
Guardrail Post			Cone, Drum or Barricade		0			ROAD
Traffic Sign	þ	ŀ	Barricade Type II			Road Closed Ahead W20-3(O) (Half Size)		CLOSED AHEAD
Corrugated Median			Dominada Tura III		I I	Road Construction Ahead W20-1-(C (Half Size)	)	ROAD CONSTRUCTION AHEAD
Impact Attenuator		8800	Barricade Type III		П	(Hall Size)		
North Arrow with District Office (Half Size)	<b>7</b>		Barricade With Edge Line		0 0 0	Single Lane Ahead (Half Size)		SINGLE LANE AHE AD
			Flashing Light Sign		0			$\wedge$
Match Line		STA. 45+00	Panels I		B	Transition Left W4-2L (Half Size)		
Slope Limit Line								
Typical Cross-Section Line			Panels II			Transition Right W4-2R (Half Size)		
Illinois Department of Transportat	ion		Direction of Traffic				STANDARD SYI ABBREVIATI	
PASSED January 1, 2019 ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-		Sign Flag (Half Size)		$\Diamond$		AND PATTE	
APPROVED January 1, 2019  ENGINEER OF DESIGN AND ENVIRONMENT	1-97						STANDARD 000	001-07

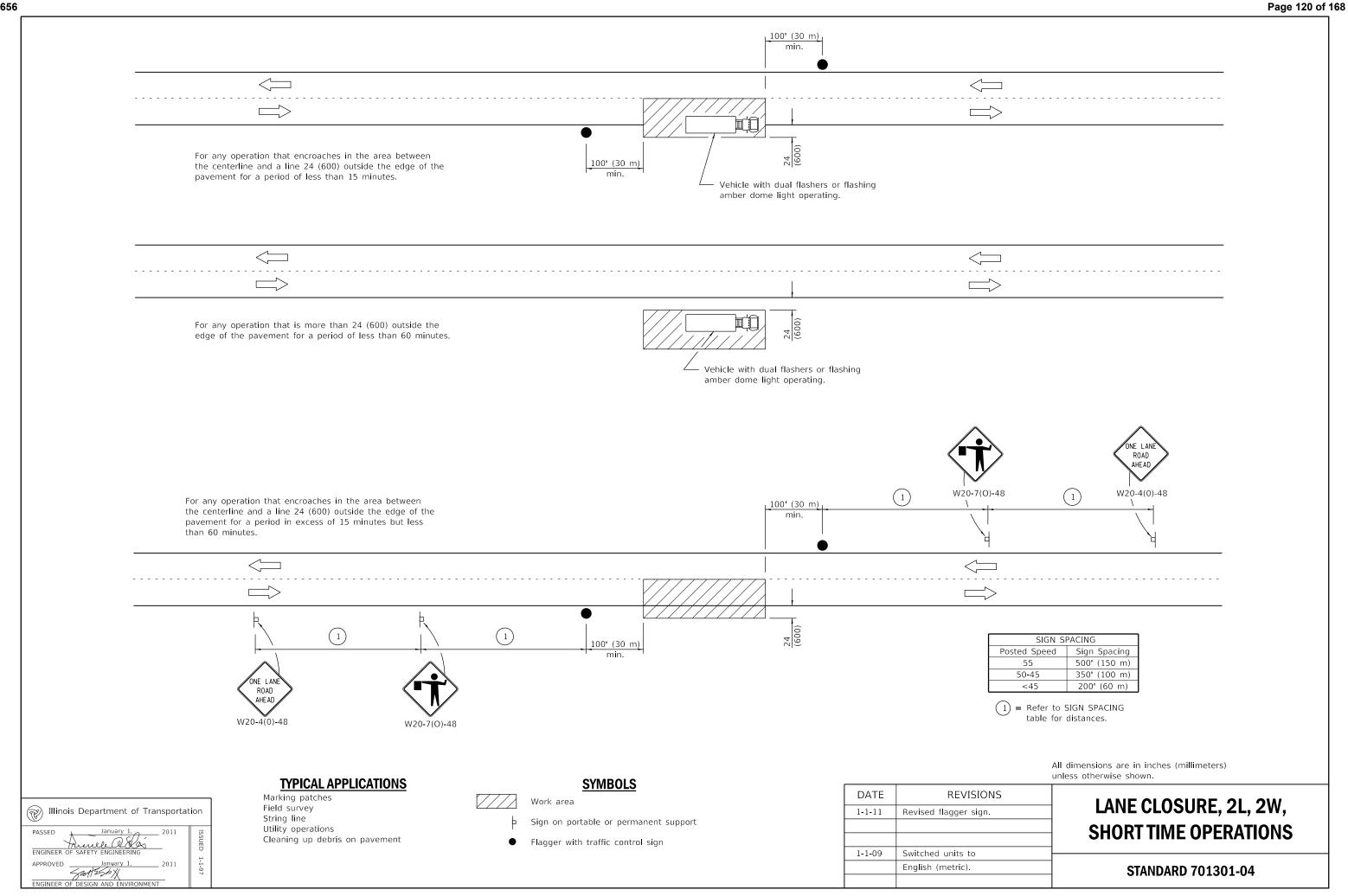
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SIGNING ITEMS (contd.)	EX PR	STRUCTURES ITEMS	<u>EX</u>	<u>PR</u>	TRAFFIC SHEET ITEMS	<u>EX</u>	<u>PR</u>
One Way Arrow Lrg. W1-6-(O) (Half Size)		Box Culvert Barrel			Cable Number		Ø
Two Way Arrow Large W1-7-(O) (Half Size)		Box Culvert Headwall			Left Turn Green	G E-G	<b>-</b> -G
Detour M4-10L-(O) (Half Size)	< DETOUR	Bridge Pier Bridge			Left Turn Yellow		<b>←</b> Y
Detour M4-10R-(O) (Half Size)	DETOUR	Retaining Wall			Signal Backplate		
One Way Left R6-1L (Half Size)	ONE WAY	Temporary Sheet Piling		~~~~~		t —	
One Way Right R6-1R (Half Size)	ONE WAY				Signal Section 8" (200 mm)	L .,	
Left Turn Lane R3-I100L (Half Size)	LEFT TURN LANE				Signal Section 12" (300 mm)	[-]	
Keep Left R4-7AL (Half Size)	KEEP LEFT				Walk/Don't Walk Letters	[DW]	D W W
Keep Left R4-7BL (Half Size)	KEEP LEFT				Walk/Don't Walk Symbols		<u>*</u>
Keep Right R4-7AR (Half Size)	KEEP RIGHT				TRAFFIC SIGNAL ITEMS	<u>EX</u>	<u>PR</u>
Keep Right R4-7BR (Half Size)	KEEP → RIGHT				Galv. Steel Conduit		<del></del>
Stop Here On Red R10-6-AL (Half Size)	STOP HERE ON RED				Underground Cable		
Stop Here On Red R10-6-AR (Half Size)	STOP HERE ON A RED				Detector Loop Line		
(Man Size)	RED '				Detector Loop Large	<u></u> ]	
No Left Turn R3-2 (Half Size)	<b>(2)</b>				Detector Loop Small	7	
No Right Turn R3-1 (Half Size)					Detector Loop Quadrapole	\$	
Road Closed R11-2 (Half Size)	ROAD CLOSED						
Road Closed Thru Traffic R11-2 (Half Size)	ROAD CLOSED TO THRU TRAFFIC					OTANDADD.	0)/410010
Illinois Department of Transportation  PASSED  January 1, 2019  ENGINEER OF POLICY AND PROCEDURES						STANDARD S ABBREVI AND PAT	ATIONS
APPROVED January 1, 2019						STANDARI	O 000001-07

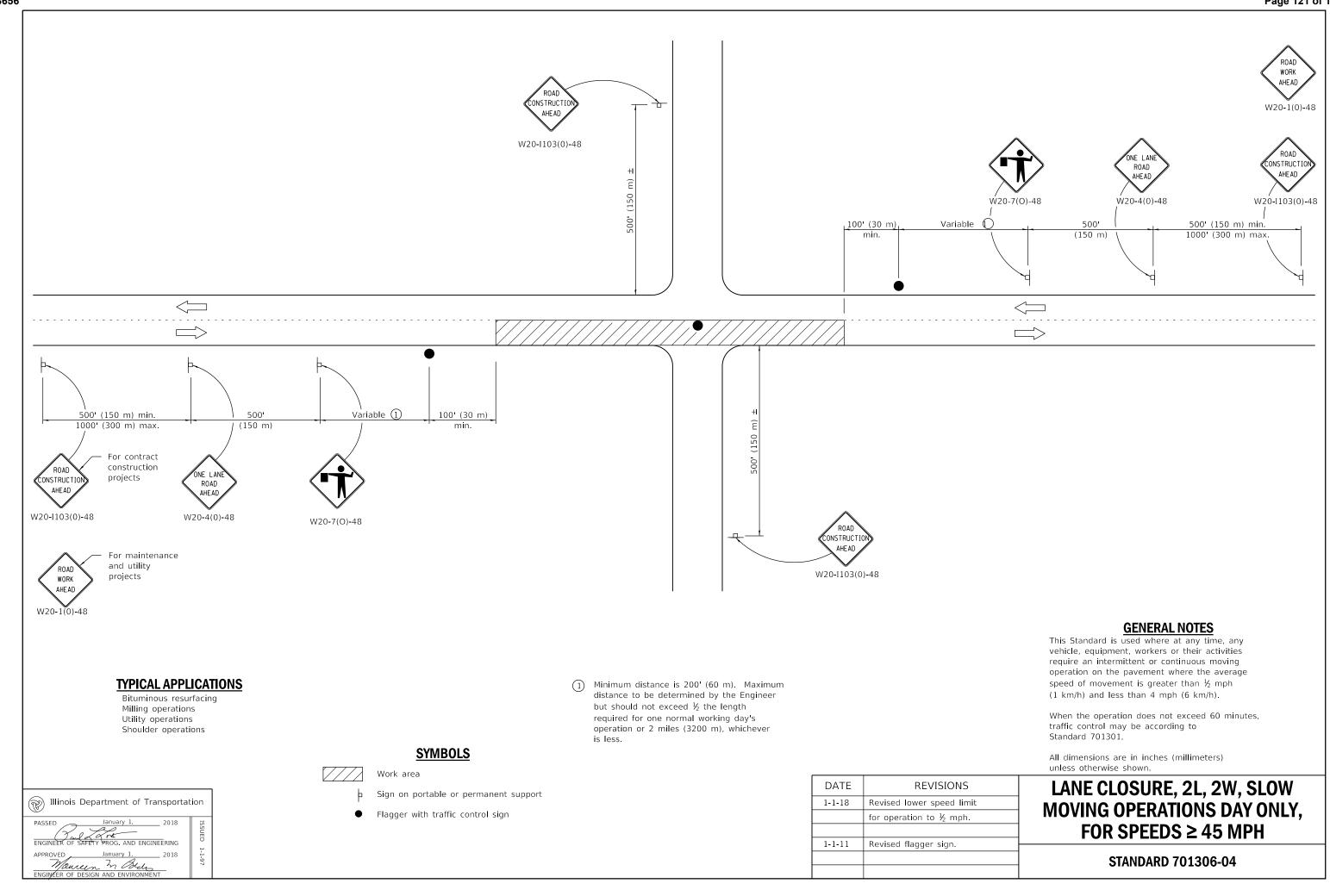
TRAFFIC SIGNAL  ITEMS (contd.)	<u>EX</u>	<u>PR</u>	UNDERGROUND EX	<u>PR</u>	ABANDONED	UTILITY ITEMS (contd.)	<u>EX</u>	<u>PR</u>
Detector Raceway	"E"		Cable TV ———— CTV ——	CTV		Traffic Signal	<b>©</b>	•
			Electric Cable ————————————————————————————————————	— — Е——		Traffic Signal Control Box		
Aluminum Mast Arm	0		Fiber Optic — F0 —	F0	- —/— FO ——/—	Water Meter	$\forall$	
Steel Mast Arm	0	•——	Gas Pipe ————————————————————————————————————	— G —	· -/   G	Water Meter Valve Box	0	•
			Oil Pipe ————————————————————————————————————	—— · O · ——	· -/	Profile Line		
Veh. Detector Magnetic		-	Sanitary Sewer — )—— )——	->- <b>-&gt;&gt;-&gt;-</b>		Aerial Power Line	—— А ——— А	—— A ———
Conduit Splice	•	•	Telephone Cable — T —	тт	T	VEGETATION ITEMS	<u>EX</u>	<u>PR</u>
Controller	$\boxtimes$		Water Pipe ────────────────────────────────────	W	/	VEGETATION TIENS	<u>LA</u>	FIX
Gulfbox Junction	0	0				Deciduous Tree	©	
Wood Pole	$\otimes$	•	UTILITIES ITEMS	<u>EX</u>	<u>PR</u>	Bush or Shrub	Q	
Temp. Signal Head		>>-	Controller			Evergreen Tree	<b>©</b>	
Handhole			Double Handhole			Stump	瓜	
Double Handhole			Fire Hydrant	abla	*	Orchard/Nursery Line		
Heavy Duty Handhole	H	H	GuyWire or Deadman Anchor	$\rightarrow$		Vegetation Line		
Junction Box		•	Handhole			Woods & Bush Line		
Ped. Pushbutton Detector	<b>©</b>	•	Heavy Duty Handhole	H	Ш	<u>WATER FEATURE</u> <u>ITEMS</u>	<u>EX</u>	<u>PR</u>
Ped. Signal Head	-0	-1	Junction Box		•	Stream or Drainage Ditch		
Power Pole Service	-0-	-	Light Pole	¤	*	Waters Edge		
Priority Veh. Detector	$\bowtie$	<b>~</b>	Manhole	©	•	Water Surface Indicator	<u></u>	
Signal Head		-	Monitoring Well (Gasoline)	(11)		Water Point	$\odot$	
Signal Head w/Backplate	+1>	+►	Pipeline Warning Sign	þ		Disappearing Ditch	<	
Signal Post	0	•	Power Pole		-	Marsh	بكلكيد	
Closed Circuit TV	Ch	<u>C</u> I	Power Pole with Light	$\Diamond$		Marsh/Swamp Boundary		
Video Detector System	(V)	<b>⊙</b> •	Sanitary Sewer Cleanout					
	$\neg$		Splice Box Above Ground		•		STANDARD SY	MBOLS,
PASSED January 1. 2019	n		Telephone Splice Box Above Ground	Ш			ABBREVIA	
ENGINEER OF POLICY AND PROCEDURES  APPROVED January 1, 2019	NED 1-1		Telephone Pole	-0-	-		AND PATTI	(Sheet 9 of 9)
ENGINEER OF DESIGN AND ENVIRONMENT	-97						STANDARD 0	00001-07

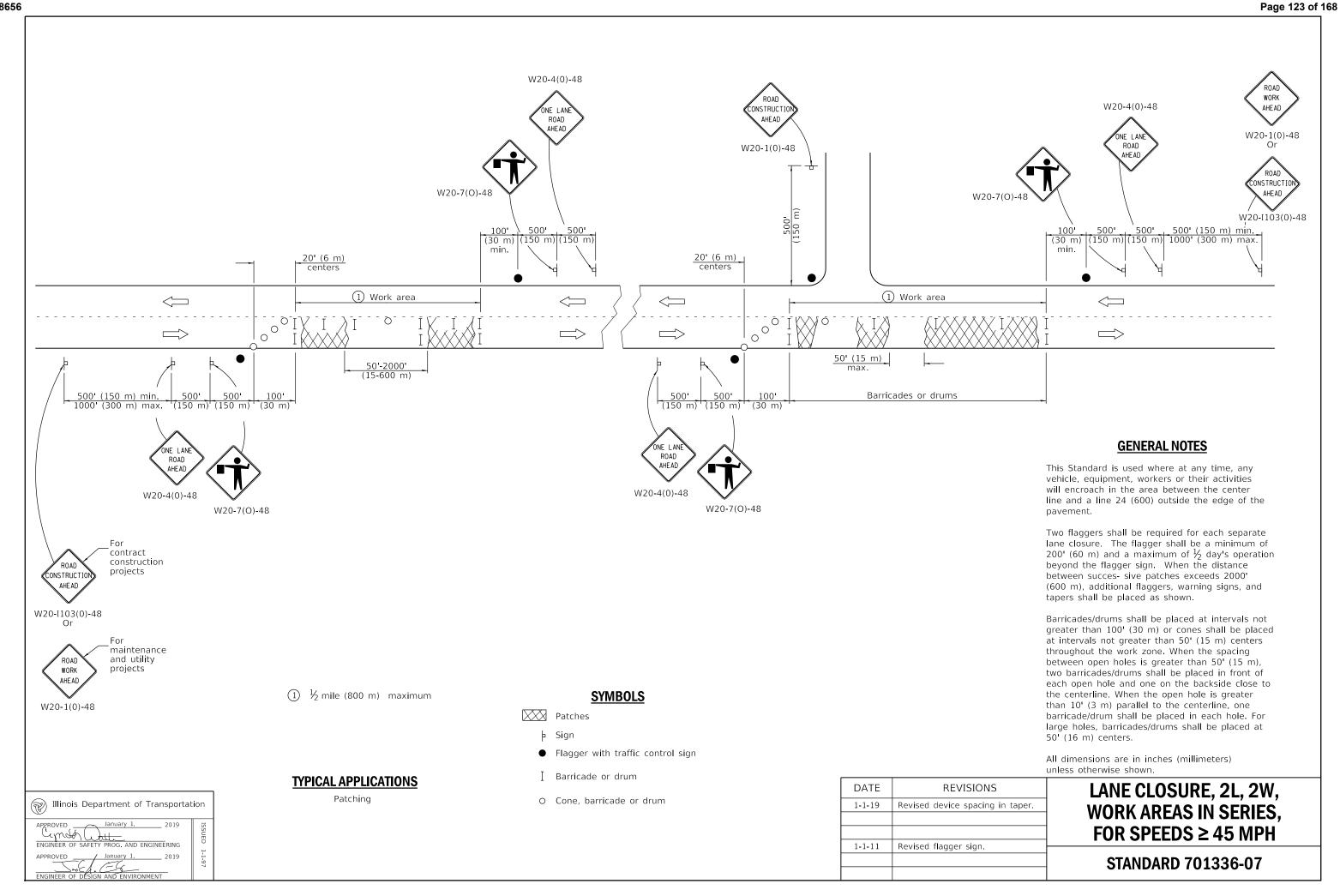
MOT 2020-8656 Page 119 of 168

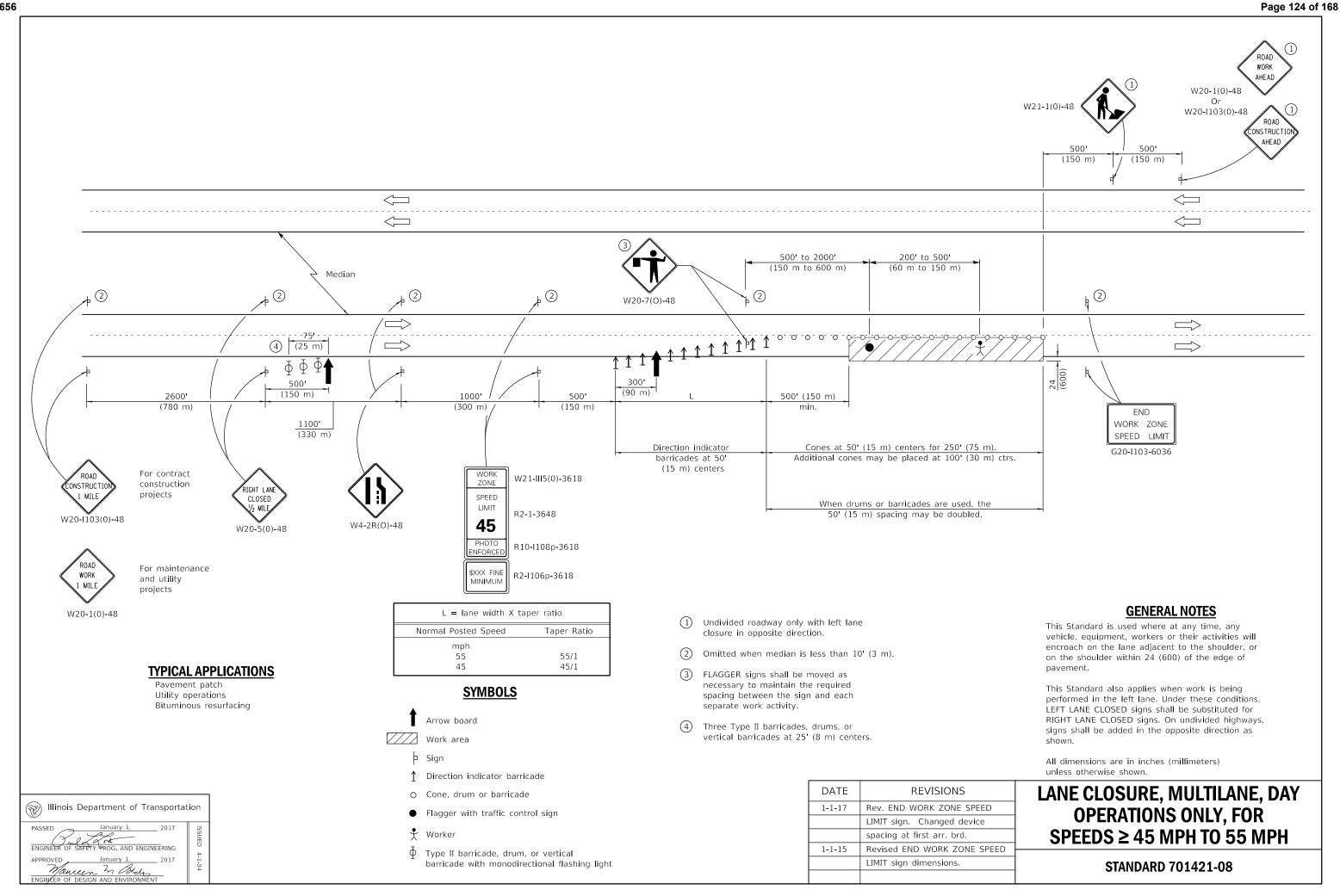


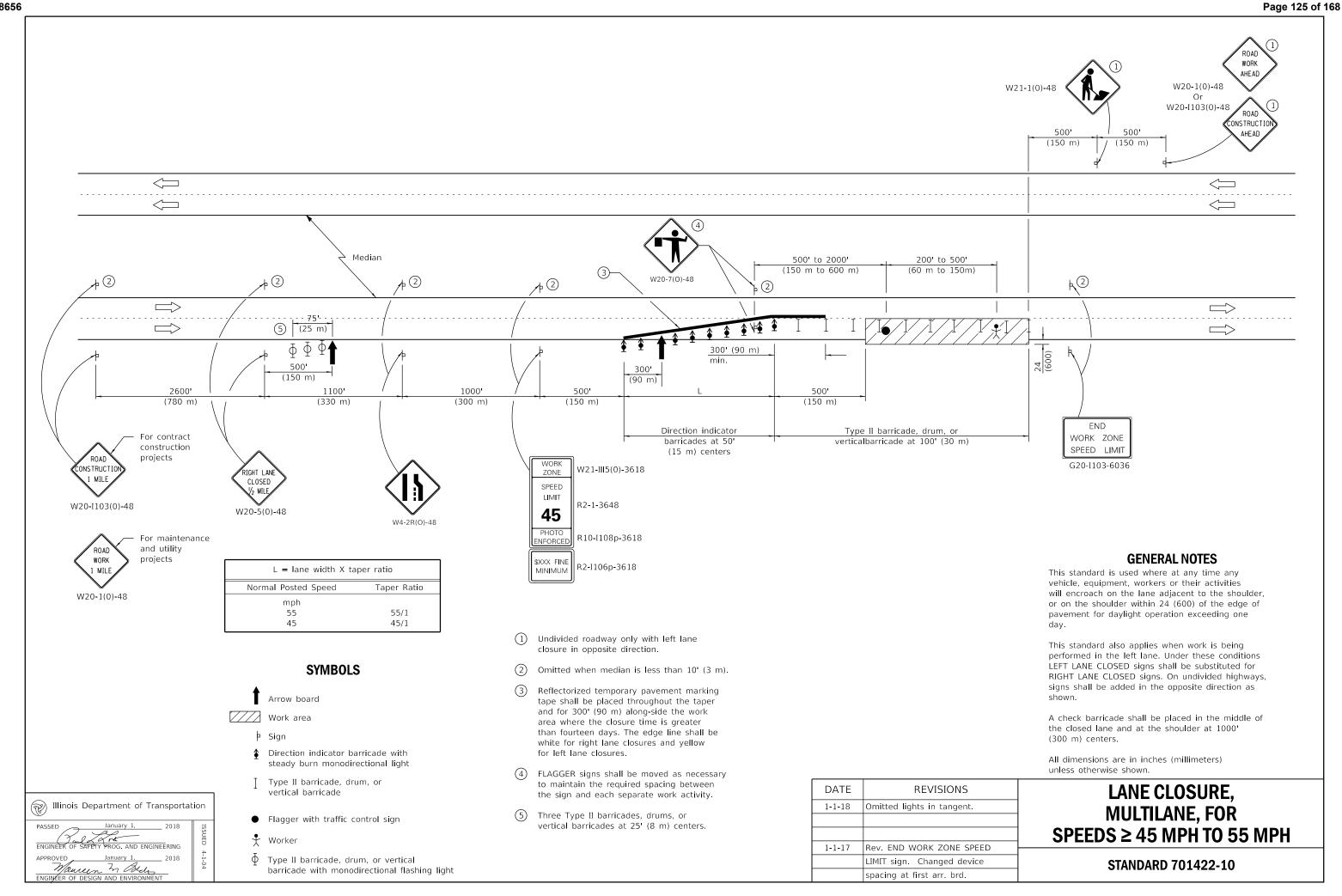


MOT 2020-8656 Page 121 of 168

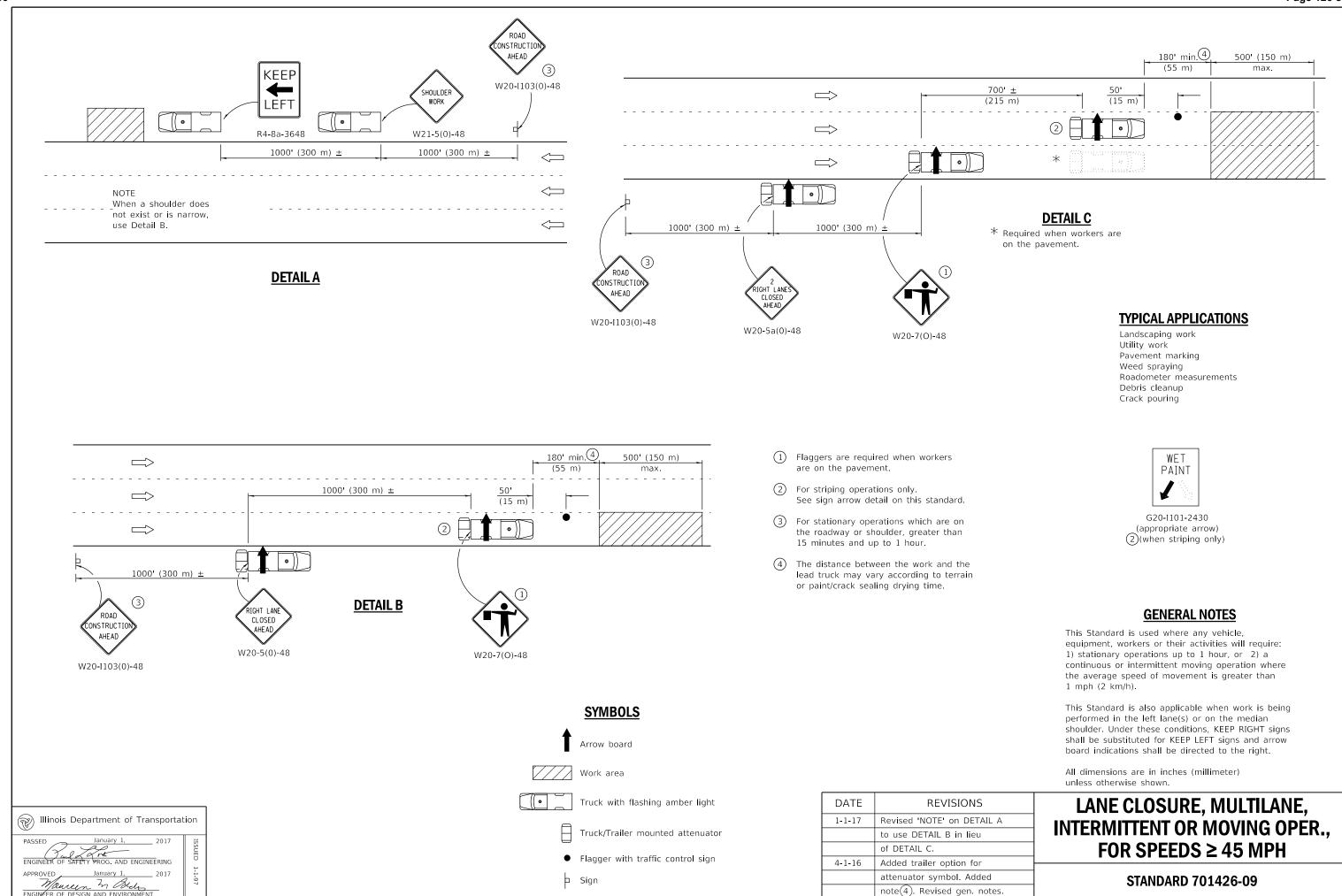




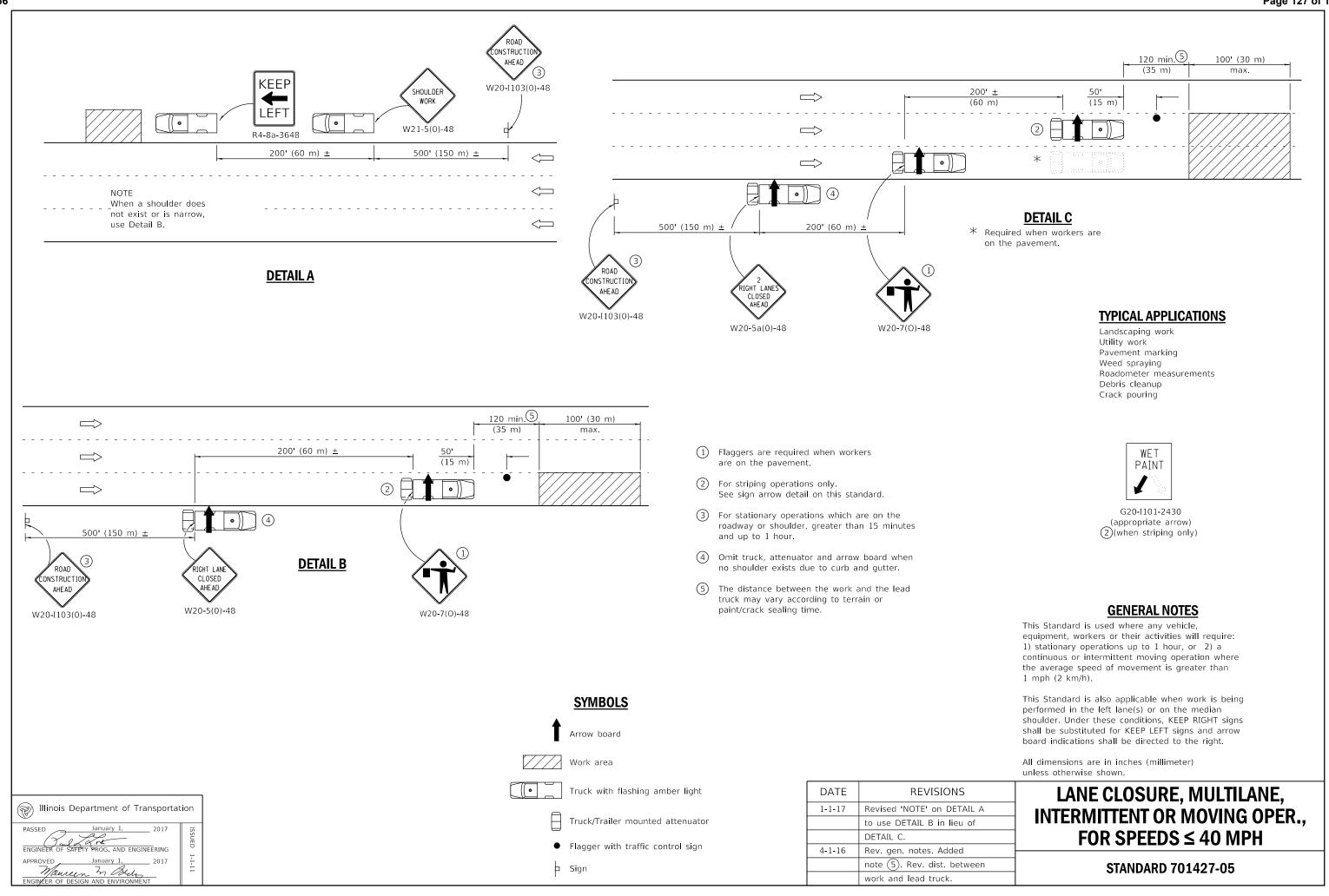


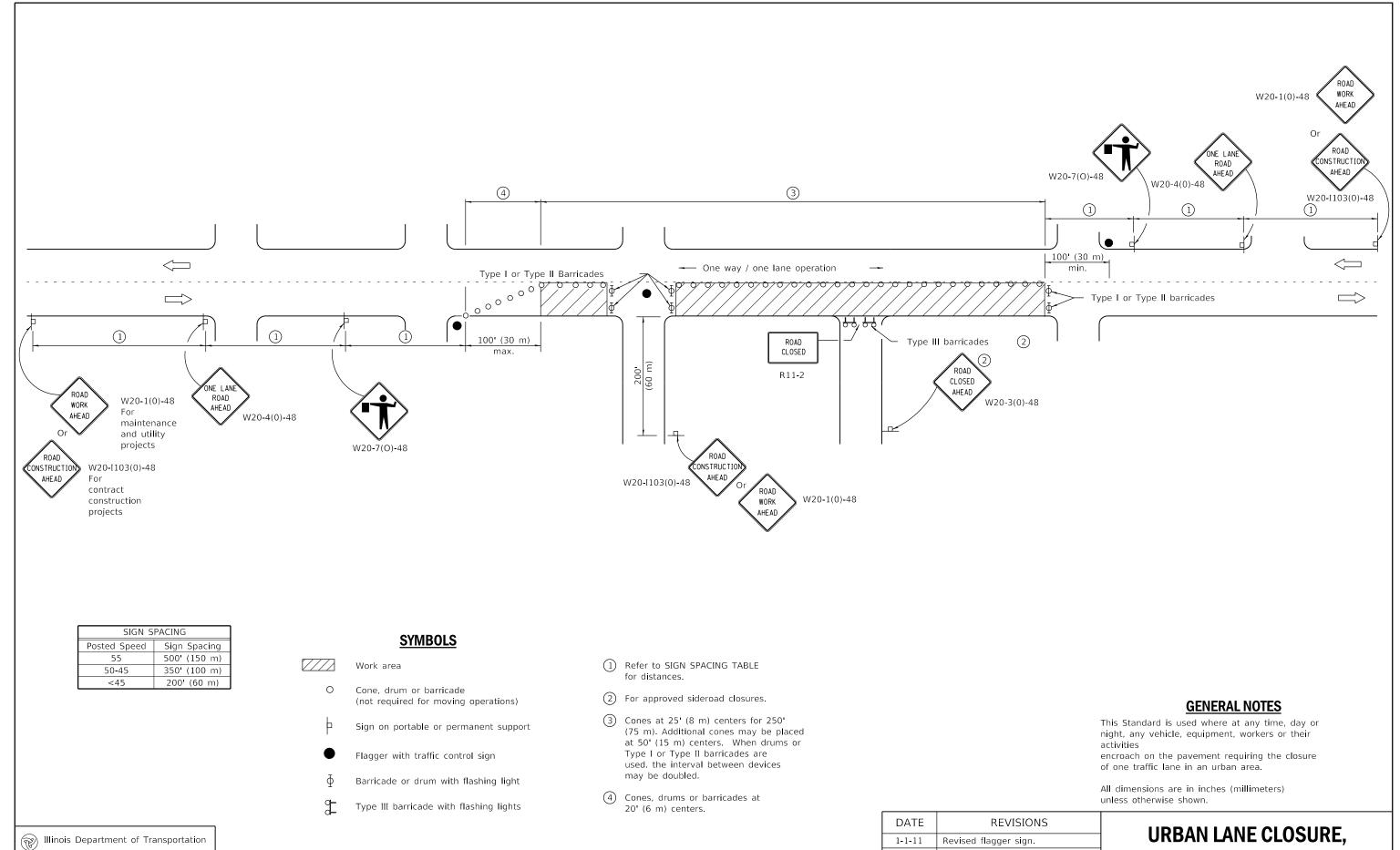


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1-1-11 Revised flagger sign.

2L, 2W, UNDIVIDED

1-1-09 Switched units to

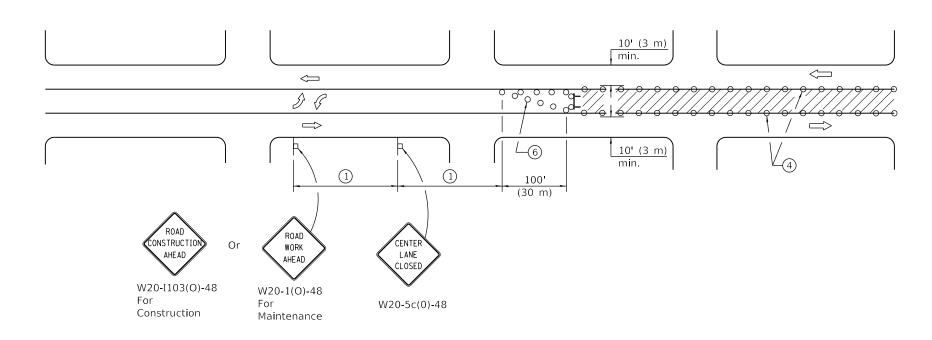
English (metric).

Corrected sign No.'s.

**STANDARD 701501-06** 

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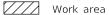


#### **CASE I**

(Signs required for both directions)

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

#### **SYMBOLS**



- Barricade or drum with flashing light
- Flagger with traffic control sign
- O Cone, drum or barricade
- Sign on portable or permanent support
- Type III barricade with flashing lights

- Refer to SIGN SPACING TABLE for distances.
- Required for speeds > 40 mph (70 km/h).
- Required if work exceeds 500' (164 m) or 1 block.
- Cones at 25' (8 m) centers for 250' (75 m) on approach. Additional cones may be placed at 50' (15 m) centers. When drums or type I or II barricades are used, the interval between devices may be doubled.
- (5) For approved sideroad closures.
- Cones, drums or barricades at 20' (6 m) centers in taper.
- Use flagger sign only when flagger is present.

## **GENERAL NOTES**

This Standard is used to close one lane of an urban, two lane, two way roadway with a bidirectional turn lane.

Case I applies when no workers are present. When workers are present, two lanes shall be closed and traffic control shall be according to Standard 701501.

Calculate L as follows:

SPEED LIMIT

FORMULAS

English (Metric)

40 mph (70 km/h) or less:

 $L = \frac{WS^2}{150}$ 

L=(W)(S) L=0.65(W)(S)

45 mph (80 km/h) or greater:

W = Width of offset in feet (meters).

Normal posted speed mph (km/h).

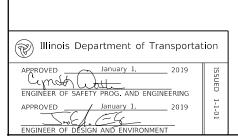
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-19	Revised to allow cones at night.
1-1-18	Corrected sign number for
	TWO WAY TRAFFIC sign for
	CASE II

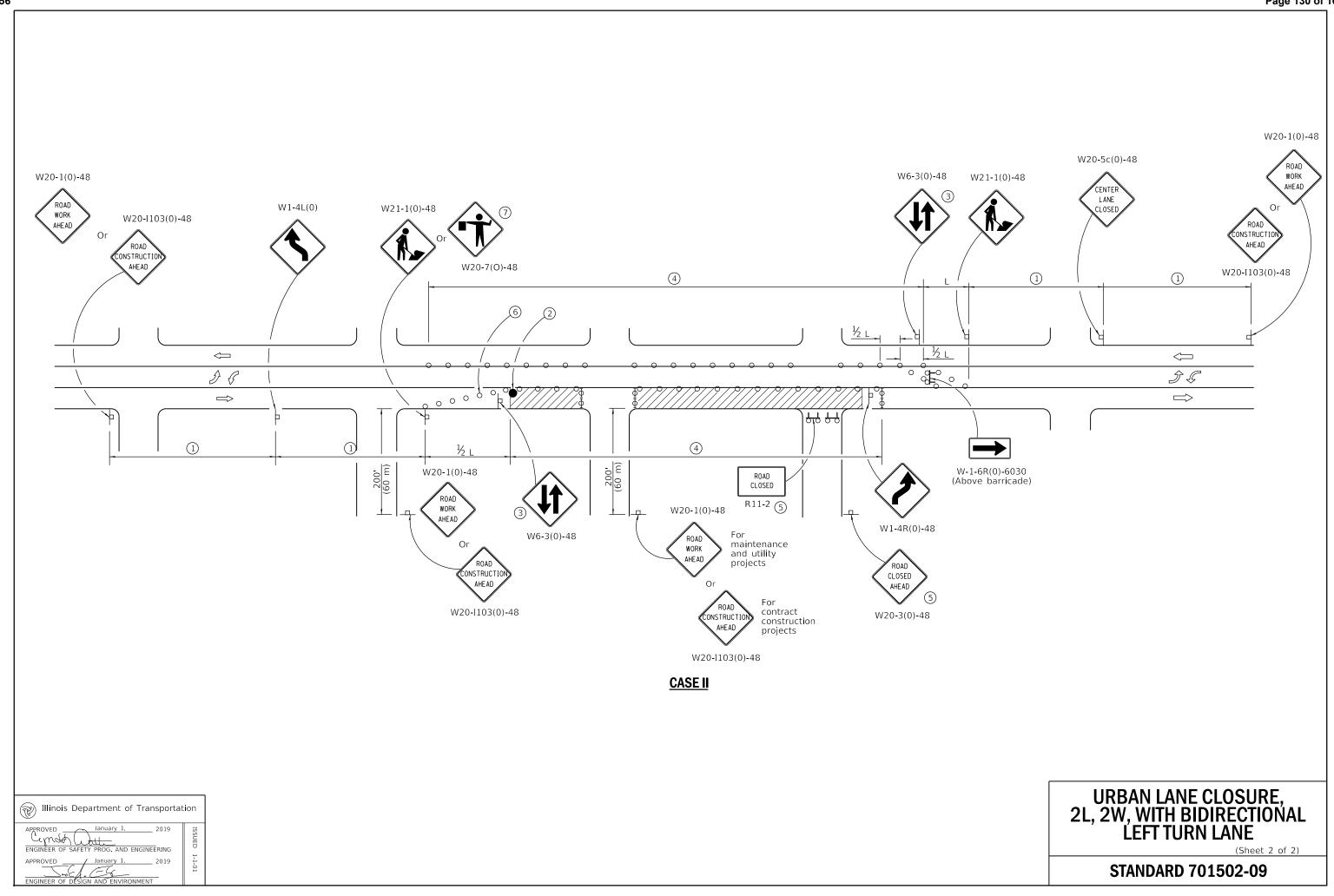
# URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 1 of 2)

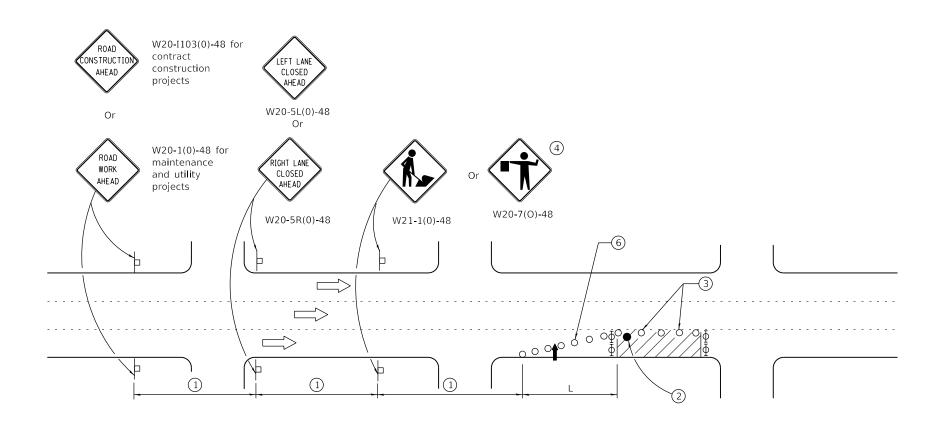
STANDARD 701502-09



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

#### <u>SYMBOLS</u>



Arrow board



Sign on portable or permanent support



ork aroa

Barricade or drum with flashing light



Type III barricade with flashing lights

Flagger with traffic control sign.

- (1) Refer to SIGN SPACING TABLE for distances.
- 2 Required for speeds > 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 For approved sideroad closures.
- 6 Cones, drums or barricades at 20' (6 m) in taper.

#### **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 urban areas.

Calculate L as follows:

SPEED LIMIT

FORMULAS

English (Metric)

40 mph (70 km/h) or less:

1 = WS

L=(W)(S)

 $L = \frac{WS^2}{150}$ 

L=0.65(W)(S)

45 mph (80 km/h) 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.

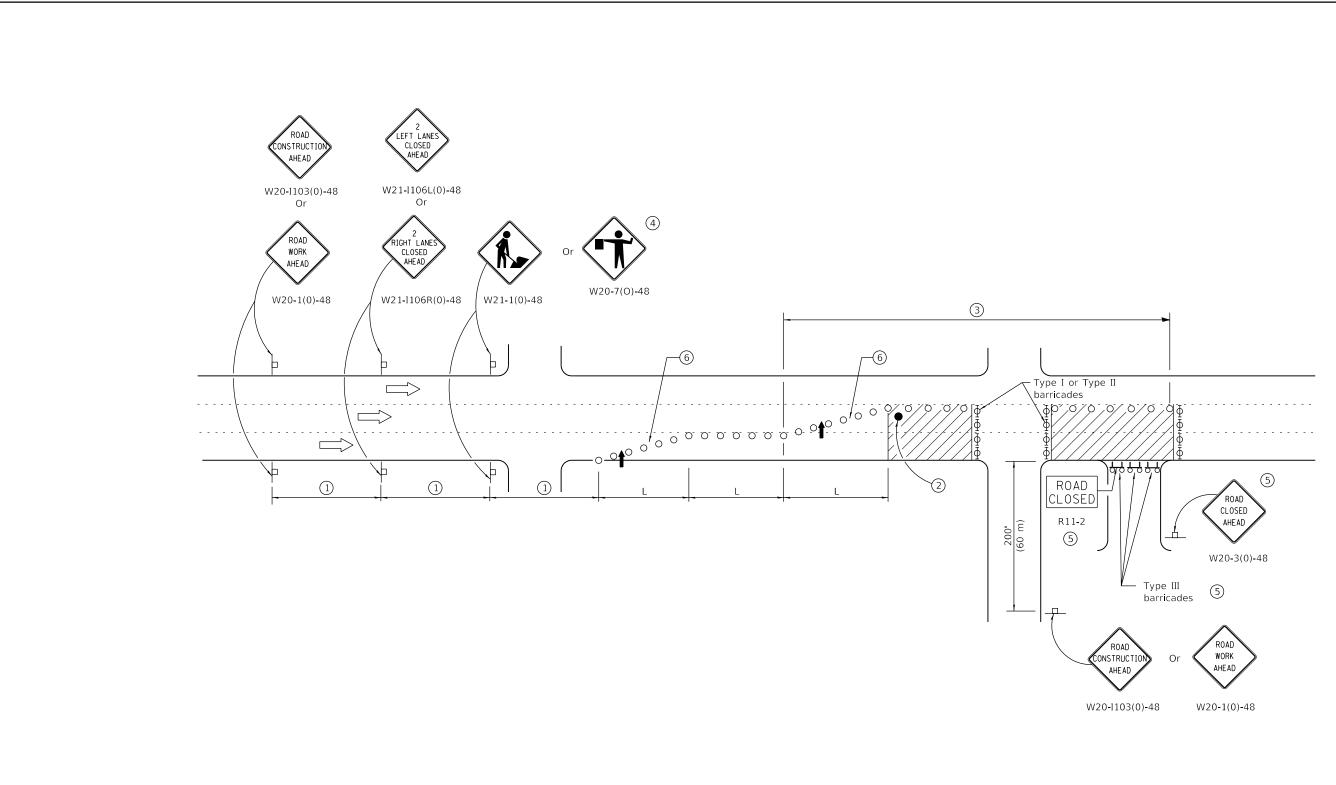
DATE	REVISIONS	
1-1-14	Revised workers sign	1
	number to agree with	]
	current MUTCD.	]
1-1-13	Omitted text 'WORKERS'	
	sign.	]
		]

# URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

STANDARD 701601-09

PASSED January 1 2014
ENGINEER OF SAFETY ENGINEERING
APPROVED January 1, 2014

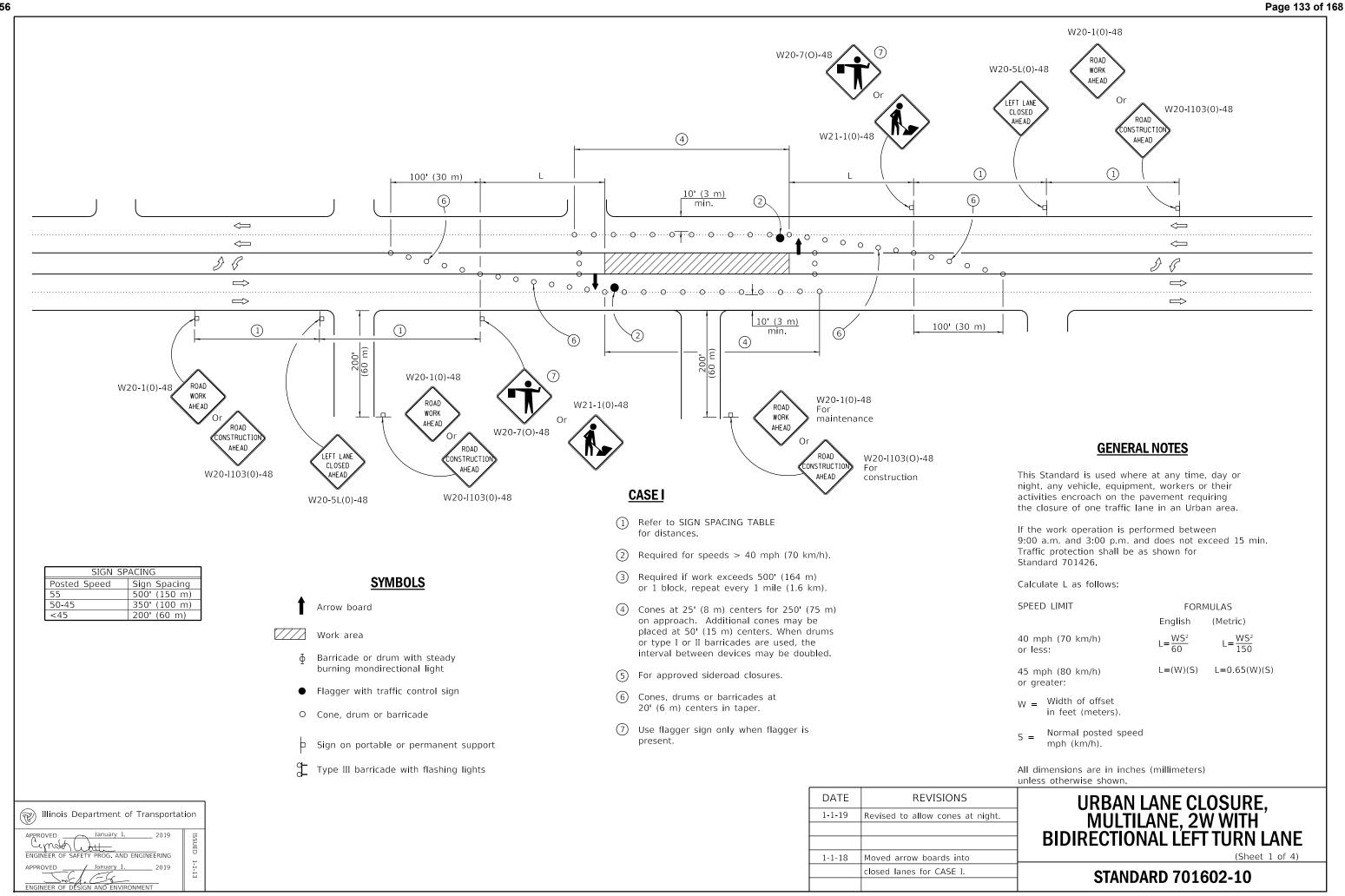
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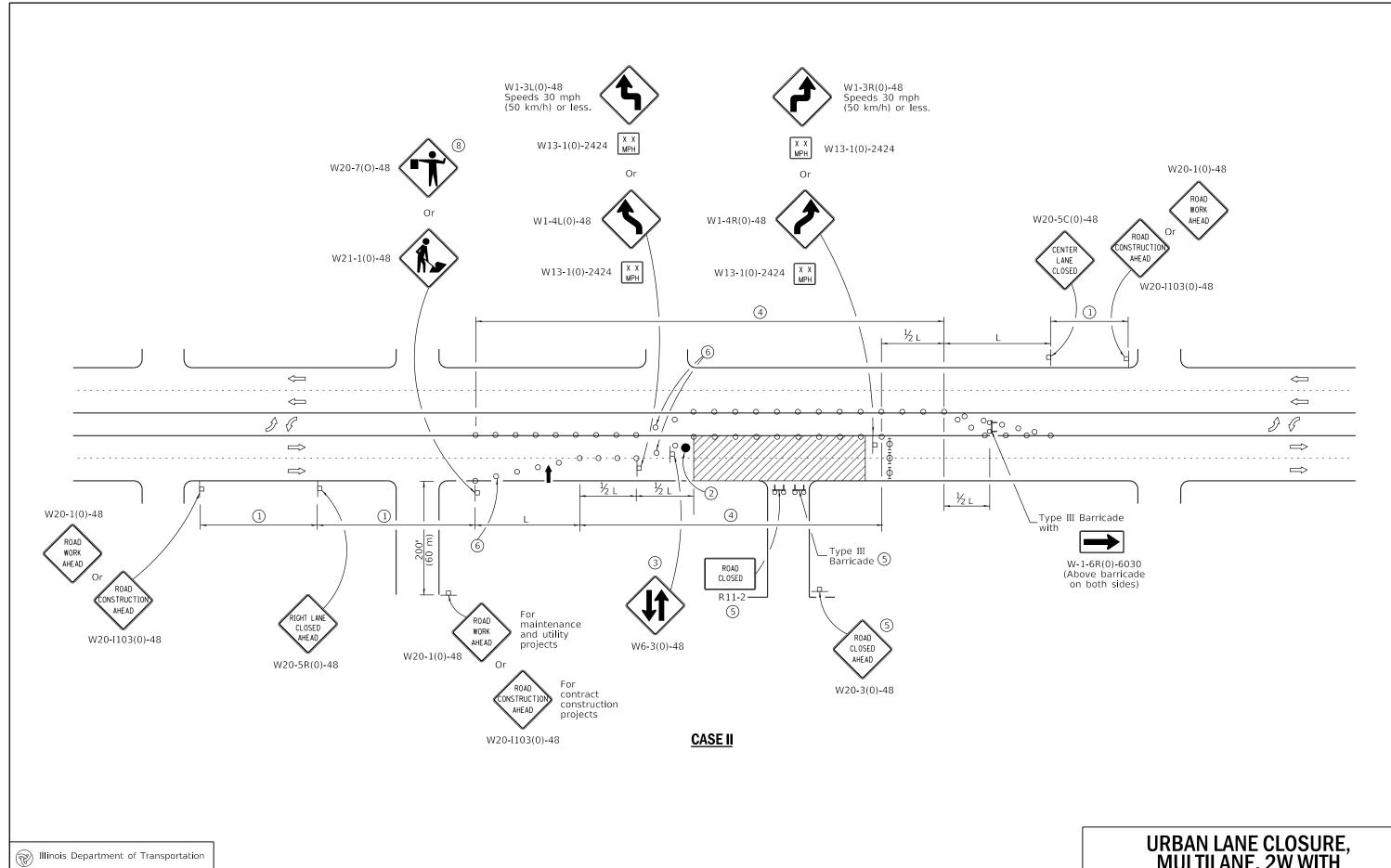
URBAN LANE CLOSURE, **MULTILANE, 1W OR 2W WITH** NONTRAVERSABLE MEDIAN
(Sheet 2 of 2)

STANDARD 701601-09

Illinois Department of Transportation



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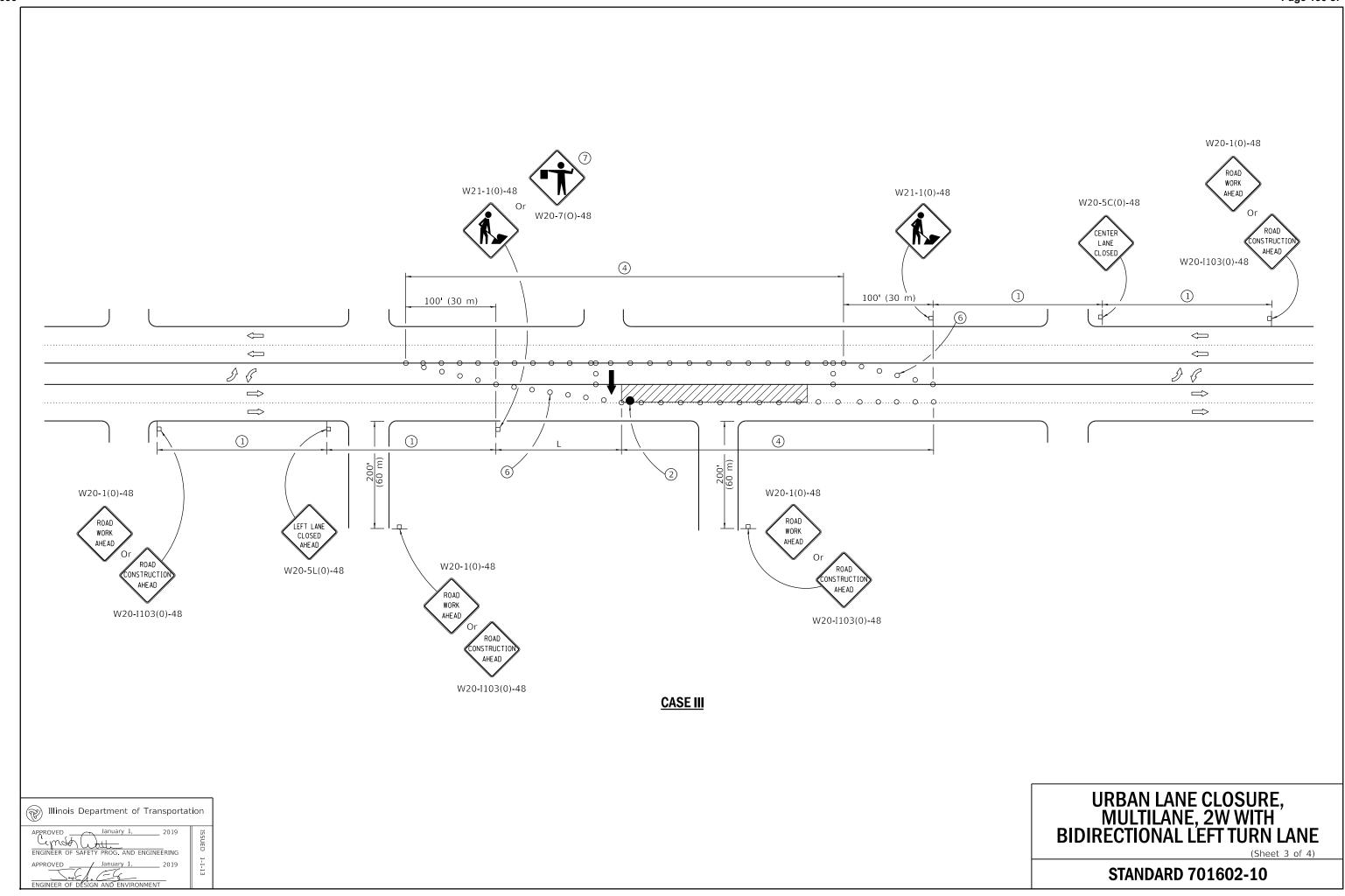
APPROVED January 1. 2019

CYPT DESCRIPTION OF SAFETY PROG. AND ENGINEERING

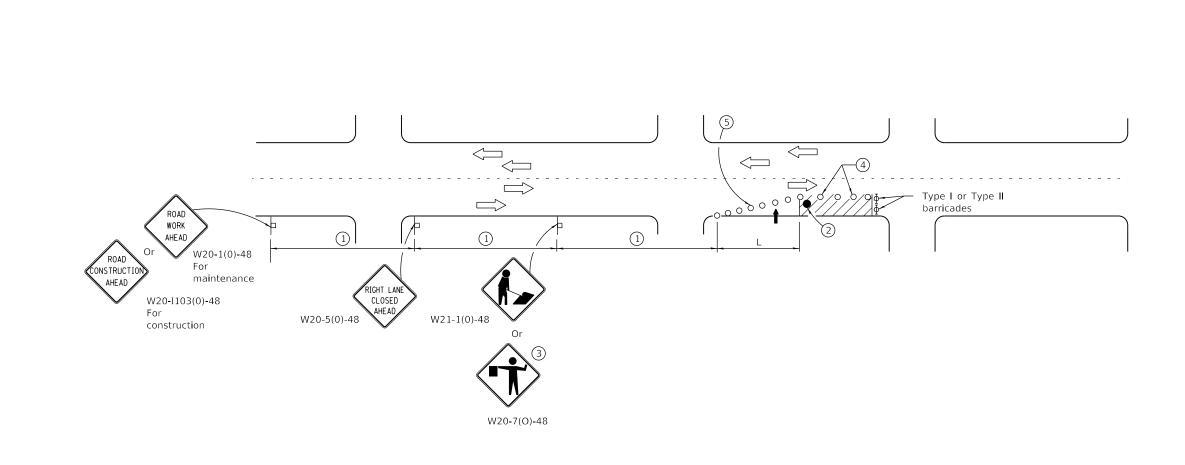
URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

**STANDARD 701602-10** 

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

Illinois Department of Transportation

#### **SYMBOLS**



Arrow board

Cone, drum or barricade

Sign on portable or permanent support

Barricade or drum with flashing light

Flagger with traffic control sign.

- 1 Refer to SIGN SPACING TABLE for distances.
- 2 Required for speeds > 40 mph.
- ③ Use flagger sign only when flagger is present.
- 4 Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- 5 Cones, drums or barricades at 20' (6 m) centers in taper.

#### **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.

Calculate L as follows:

SPEED LIMIT

40 mph (70 km/h)

FORMULAS

English (Metric)

 $L = \frac{WS^2}{150}$ 

45 mph (80 km/h) or greater:

or less:

L=(W)(S)L=0.65(W)(S)

W = Width of offset in feet (meters).

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

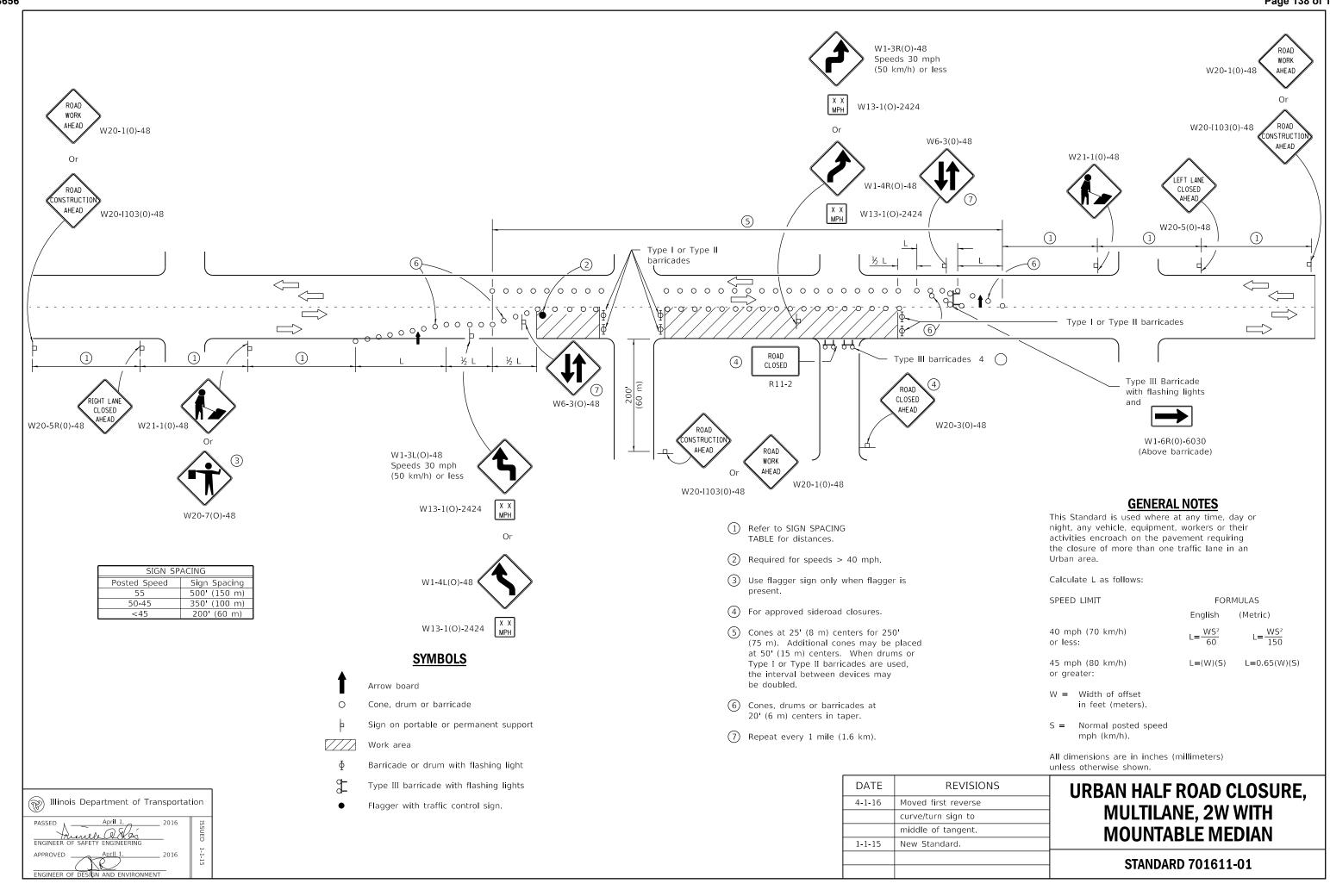
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	
1-1-15	Renamed standard. Moved	1
	case on Sheet 2 to new	1
	Highway Standard.	
1-1-14	Revised workers sign	L
	number to agree with	
	current MUTCD.	

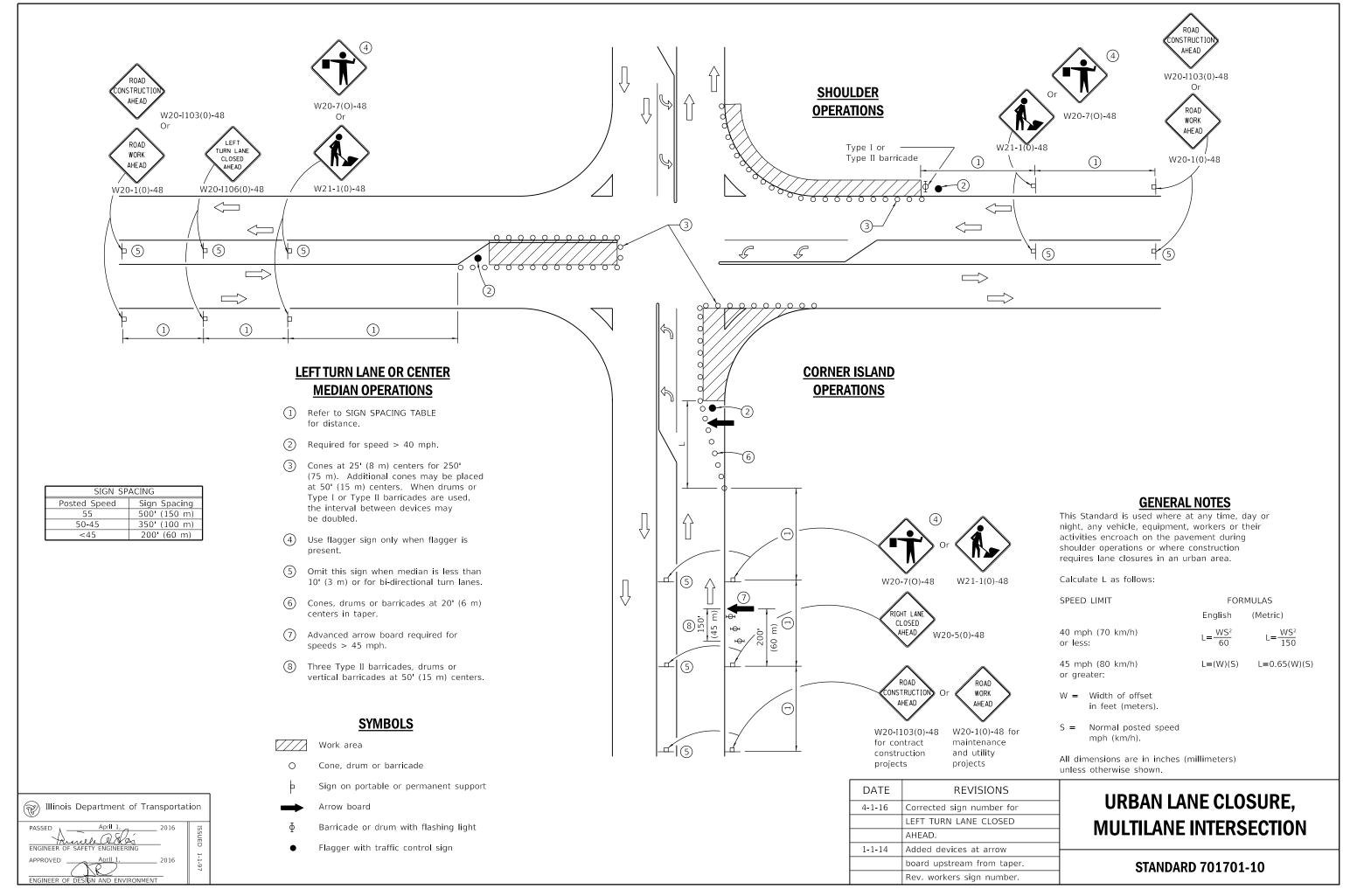
# **URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN**

**STANDARD 701606-10** 

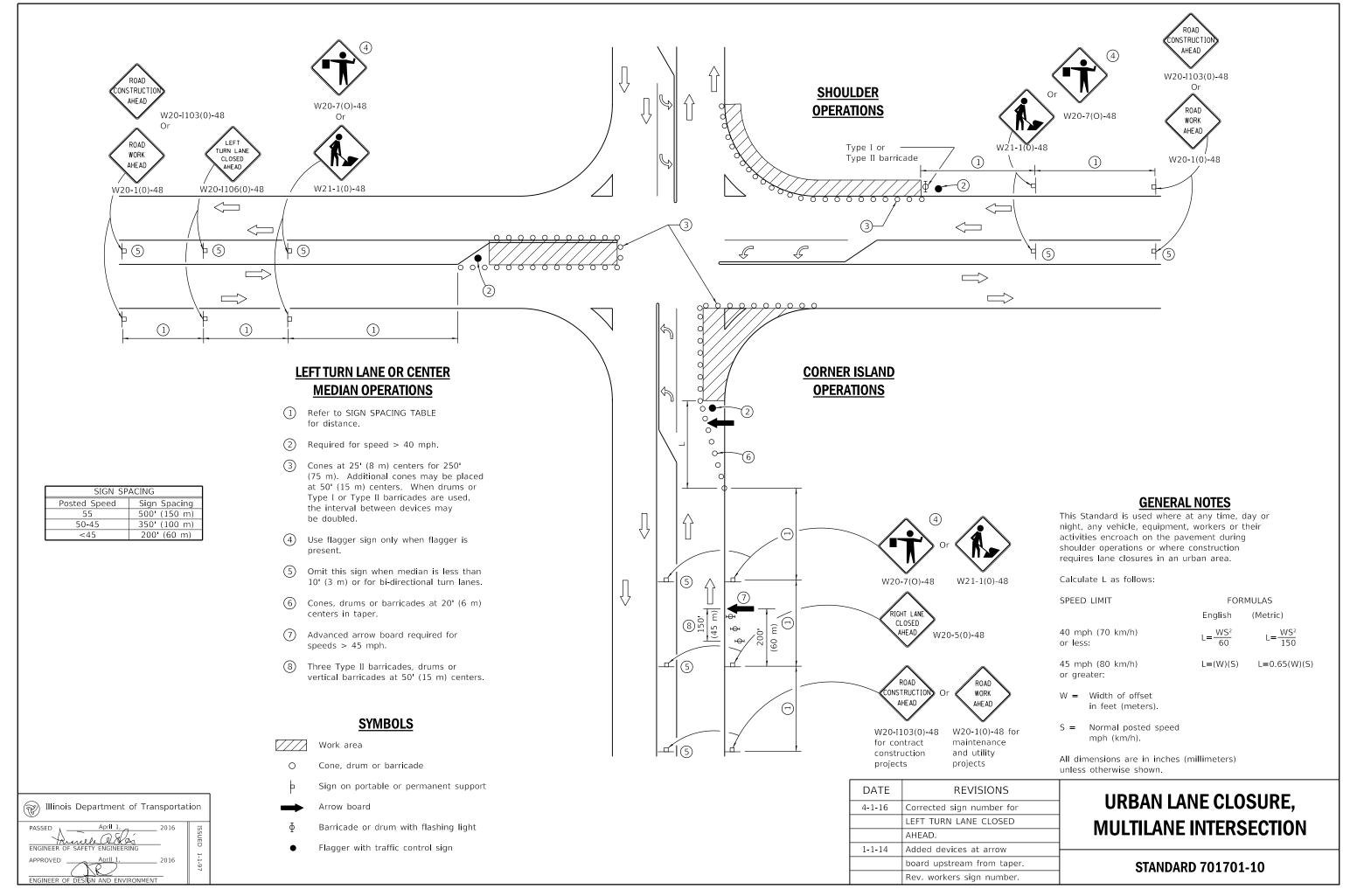
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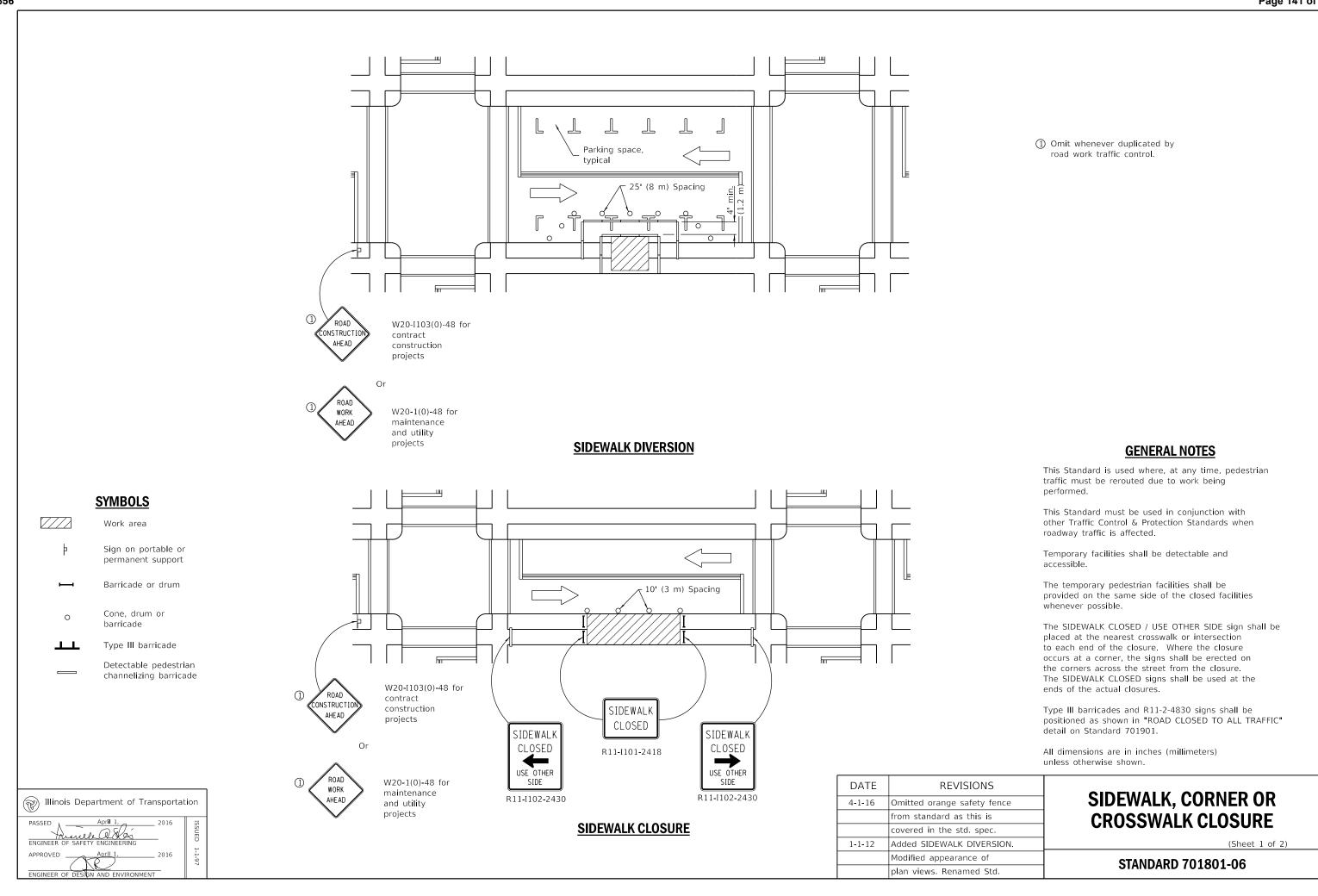
MOT 2020-8656 Page 139 of 168



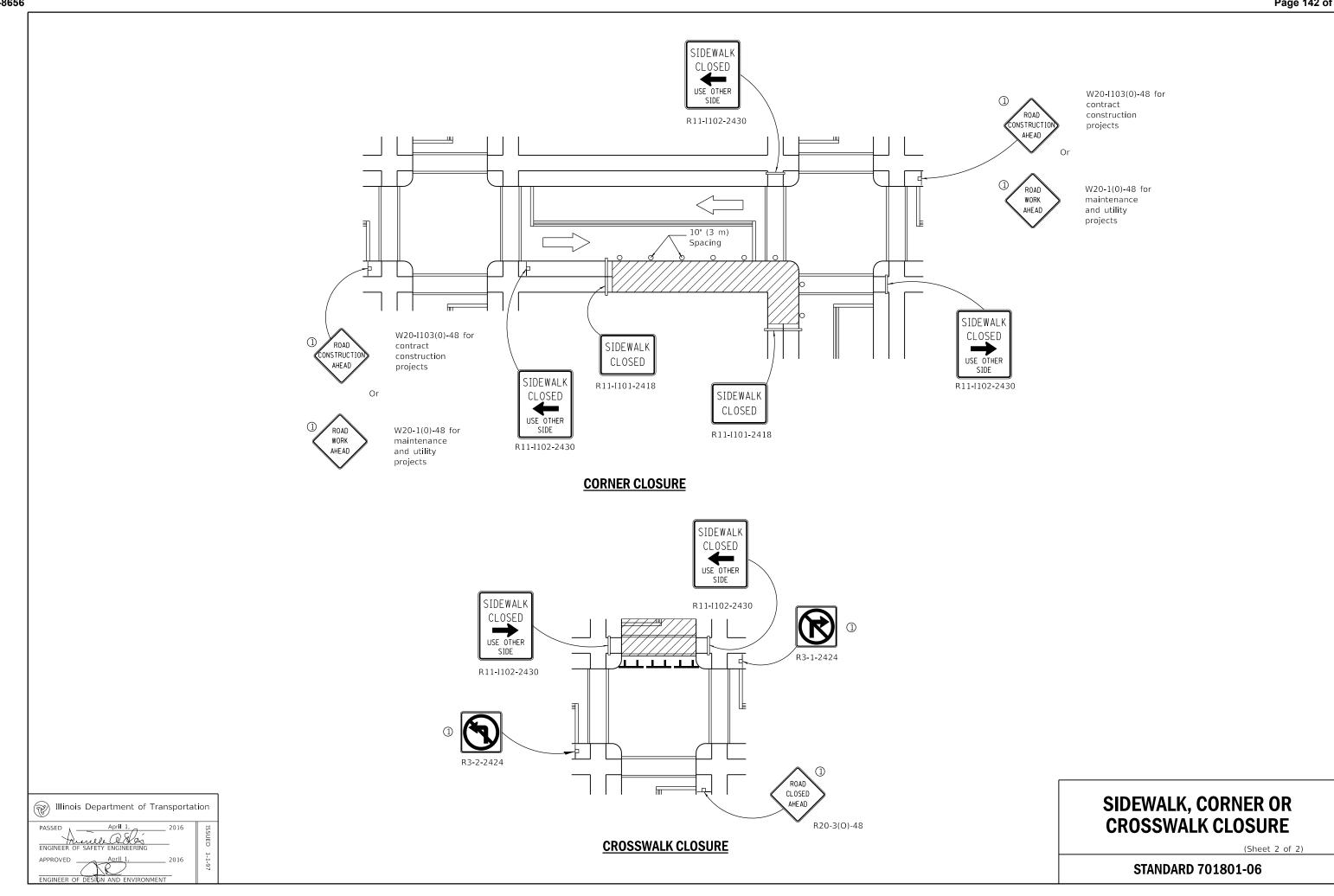
MOT 2020-8656 Page 140 of 168



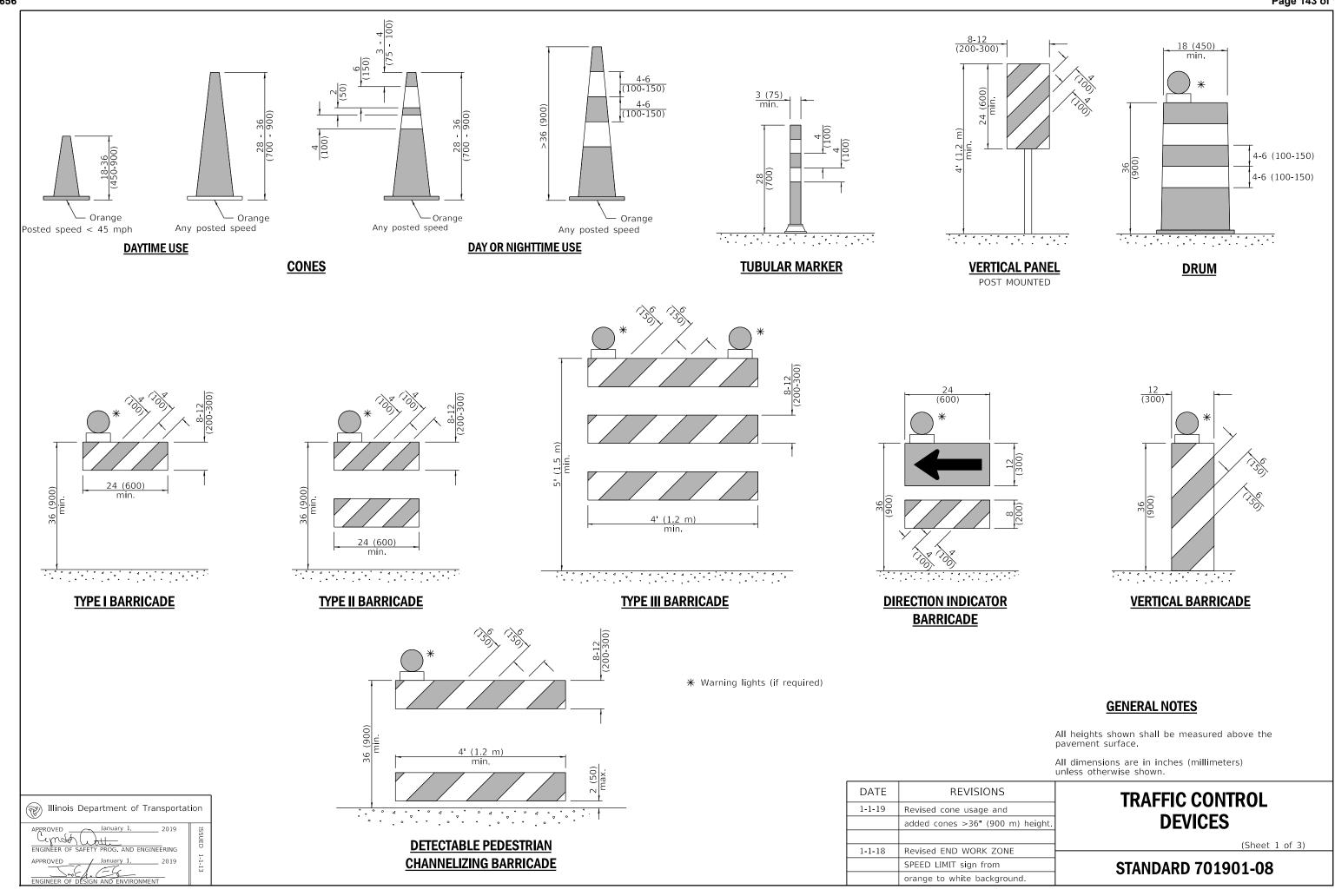
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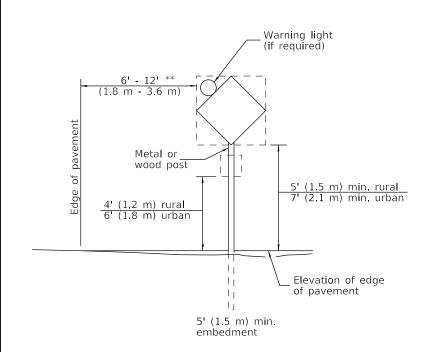
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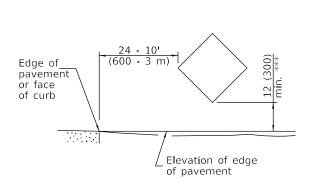


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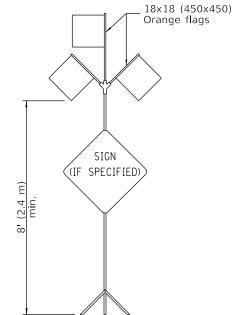
### **POST MOUNTED SIGNS**

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

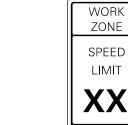


#### **SIGNS ON TEMPORARY SUPPORTS**

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



HIGH LEVEL WARNING DEVICE



ROAD CONSTRUCTION

NEXT X MILES

G20-I104(0)-6036

lane highways.

This signing is required for all projects

ROAD CONSTRUCTION NEXT X MILES sign shall

be placed 500' (150 m) in advance of pro-

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-

**WORK LIMIT SIGNING** 

2 miles (3200 m) or more in length.

W21-III5(0)-3618

R2-1-3648

END

CONSTRUCTION

G20-I105(0)-6024

R10-I108p-3618 \*\*\*\*

\$XXX FINE

R2-I106p-3618 MINIMUM

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

ENFORCED

END WORK ZONE SPEED LIMIT

G20-I103-6036

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

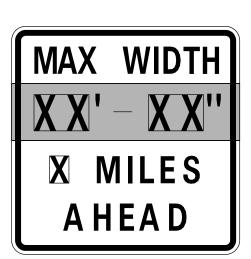
#### **HIGHWAY CONSTRUCTION SPEED ZONE SIGNS**

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

## TRAFFIC CONTROL **DEVICES**

(Sheet 2 of 3)

STANDARD 701901-08



W12-I103-4848

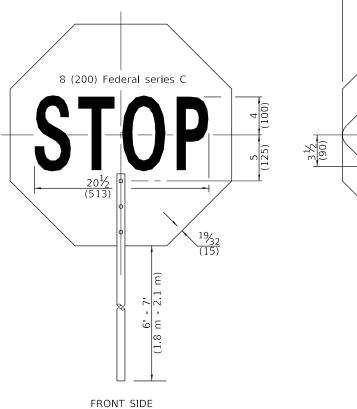
#### WIDTH RESTRICTION SIGN

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

Illinois Department of Transportation

APPROVED January 1. 2019

CYPT DESCRIPTION OF SAFETY PROG. AND ENGINEERING



7 (180) Federal series B 5 (125) 16 (400)

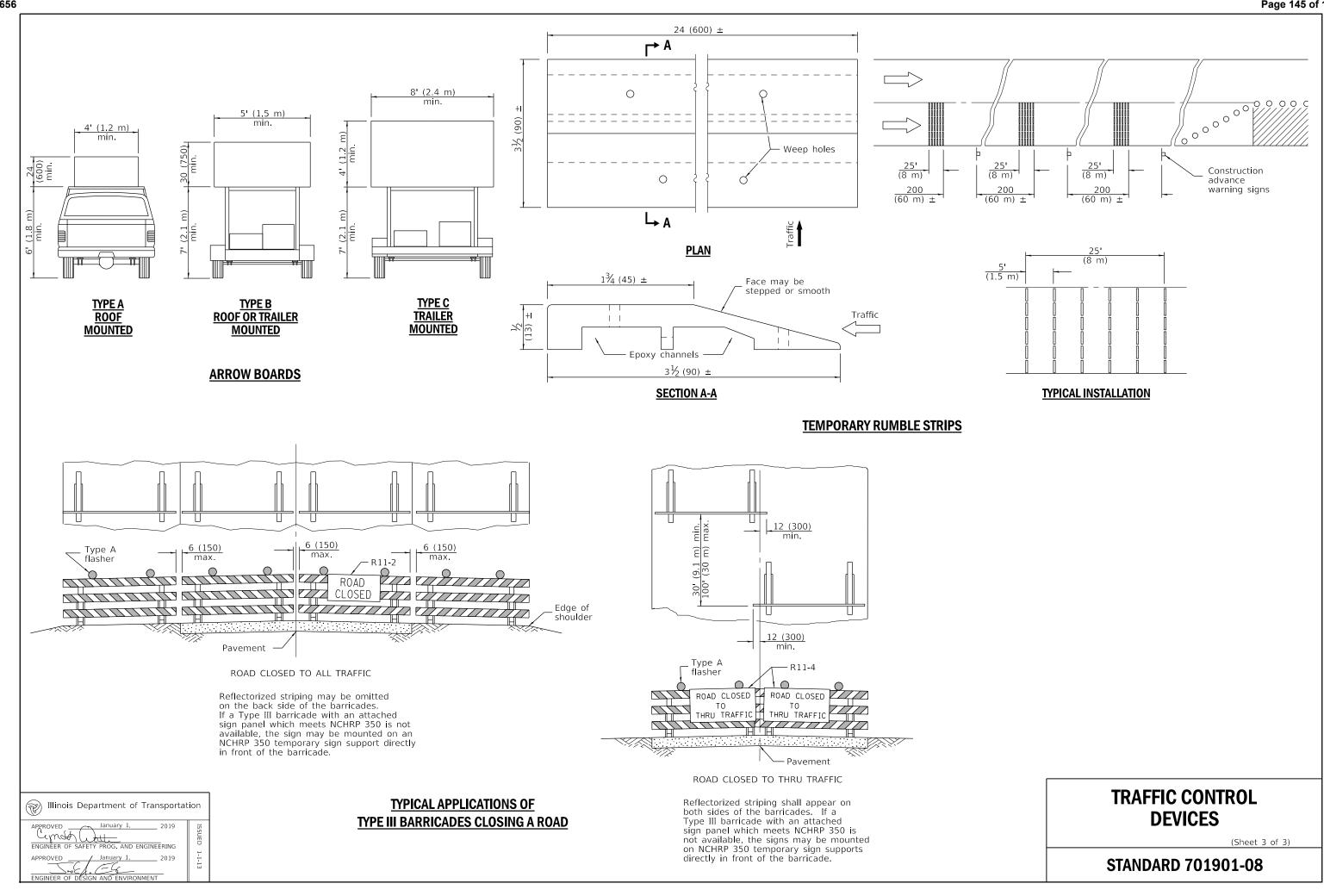
REVERSE SIDE

(600)

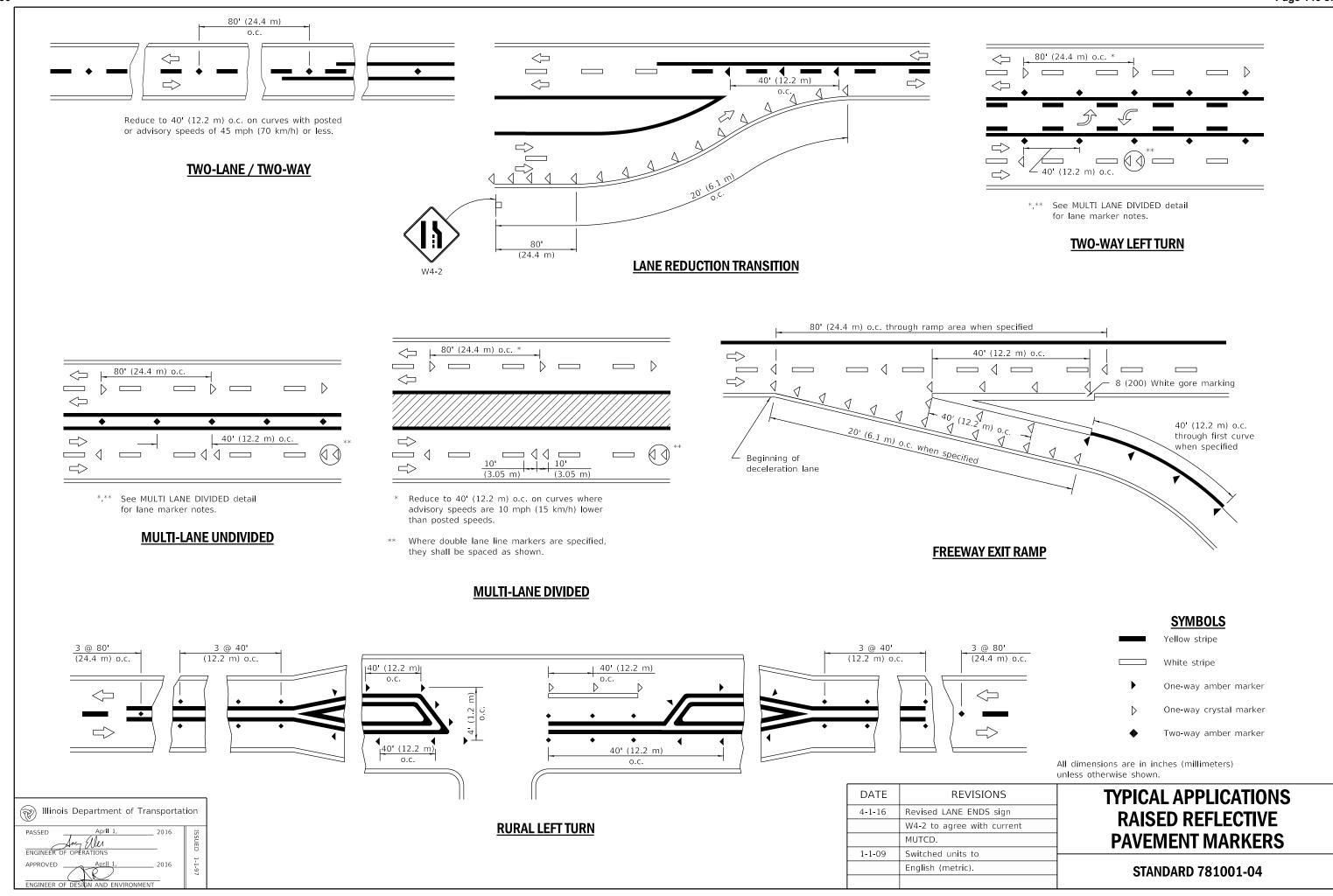
(125) (175)

**FLAGGER TRAFFIC CONTROL SIGN** 

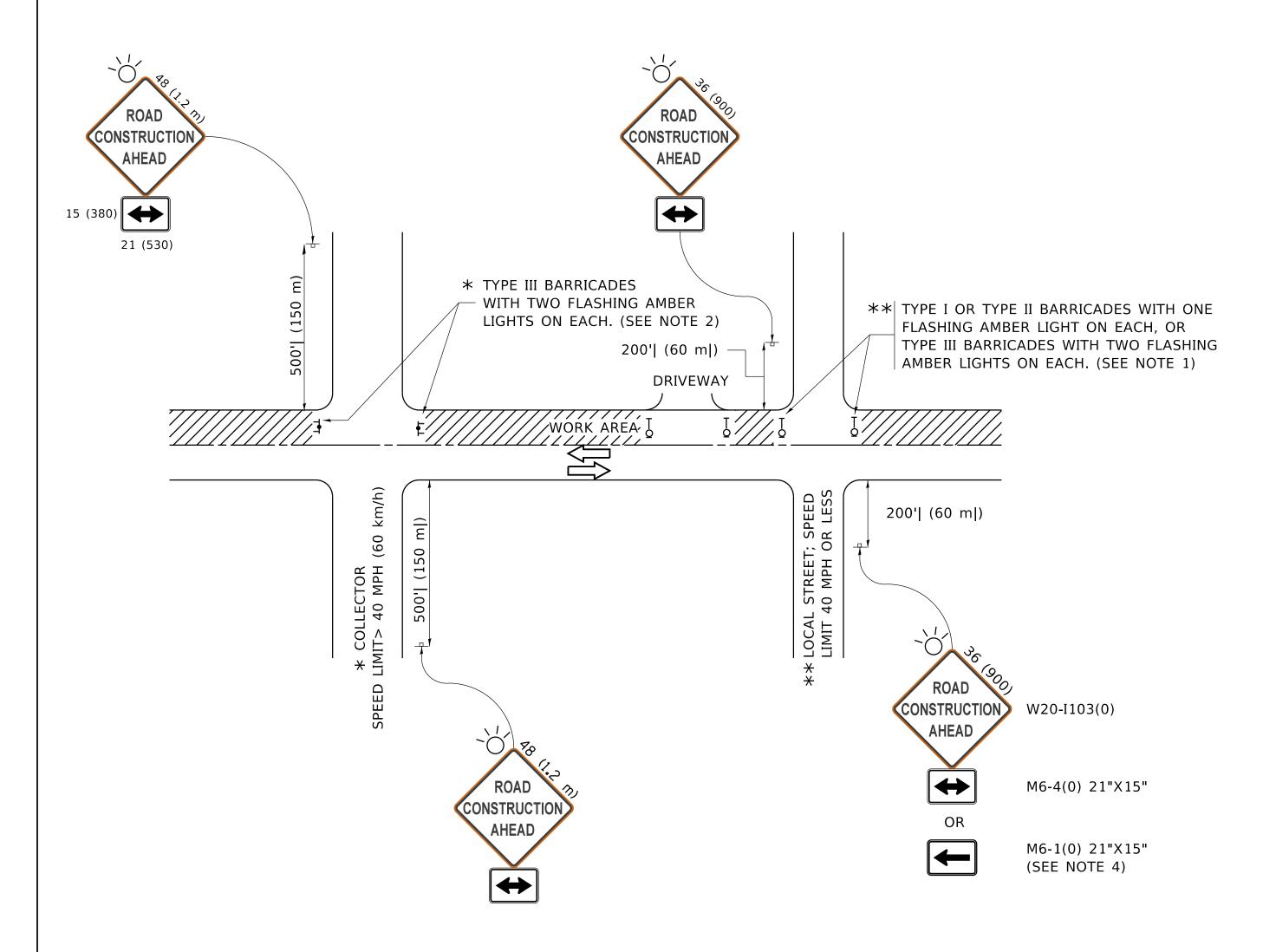
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### NOTES:

- 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
  b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION
  OF THE CLOSED PORTION.
- 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
  4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL
  BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

SCALE: NONE

- 5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

 USER NAME
 = footemj
 DESIGNED
 L.H.A.
 REVISED
 - A. HOUSEH 10-15-96

 DRAWN
 REVISED
 - T. RAMMACHER 01-06-00

 PLOT SCALE
 = 50.0000 ' / in.
 CHECKED
 REVISED
 - A. SCHUETZE 07-01-13

 PLOT DATE
 = 3/4/2019
 DATE
 06-89
 REVISED
 - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

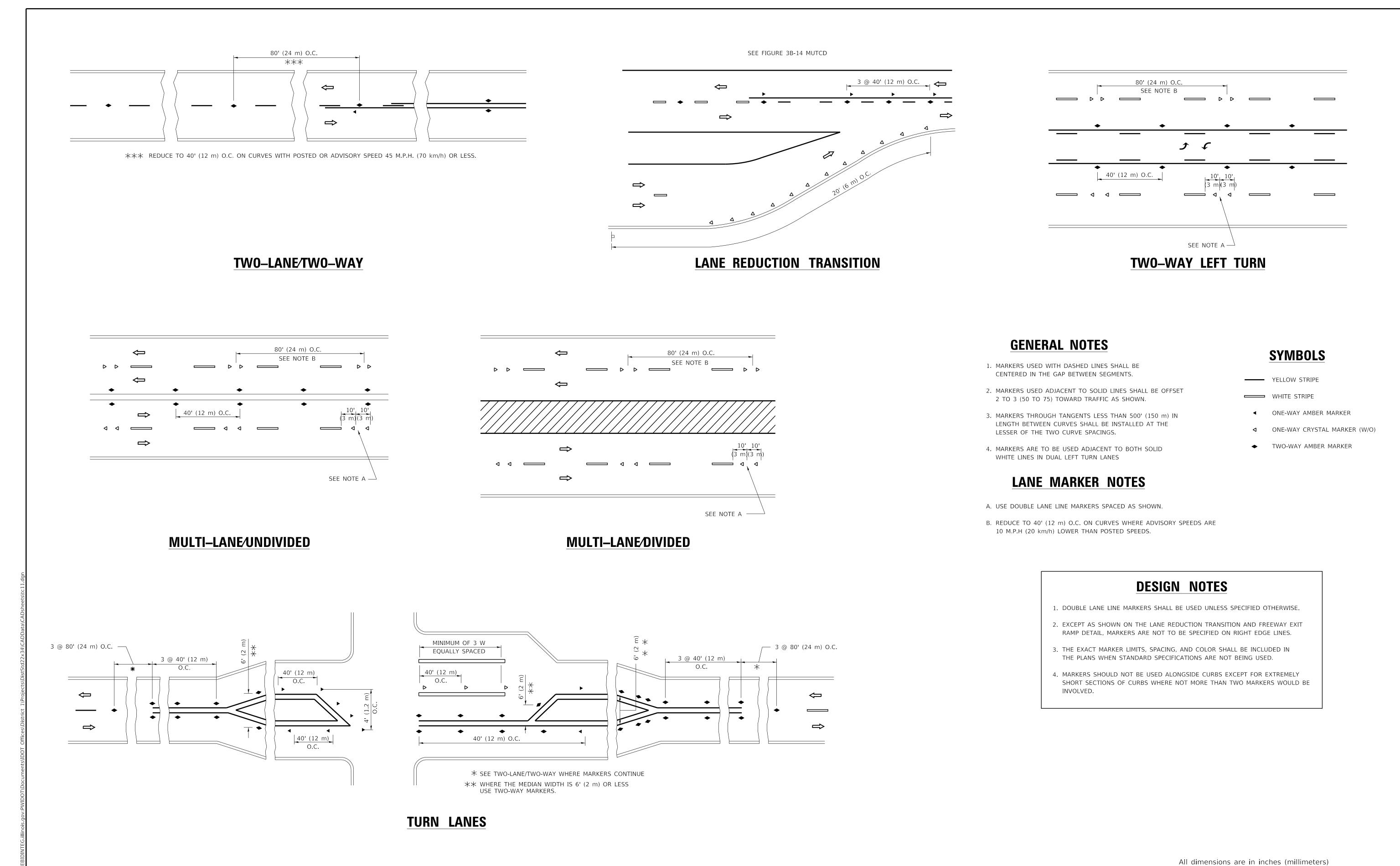
SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. SECTION COUNTY TOTAL SHEETS NO.

TC-10 CONTRACT NO.

ILLINOIS | FED. AID PROJECT

Page 148 of 168



TOTAL SHEET SHEETS NO. SECTION COUNTY TC-11 CONTRACT NO.

unless otherwise shown.

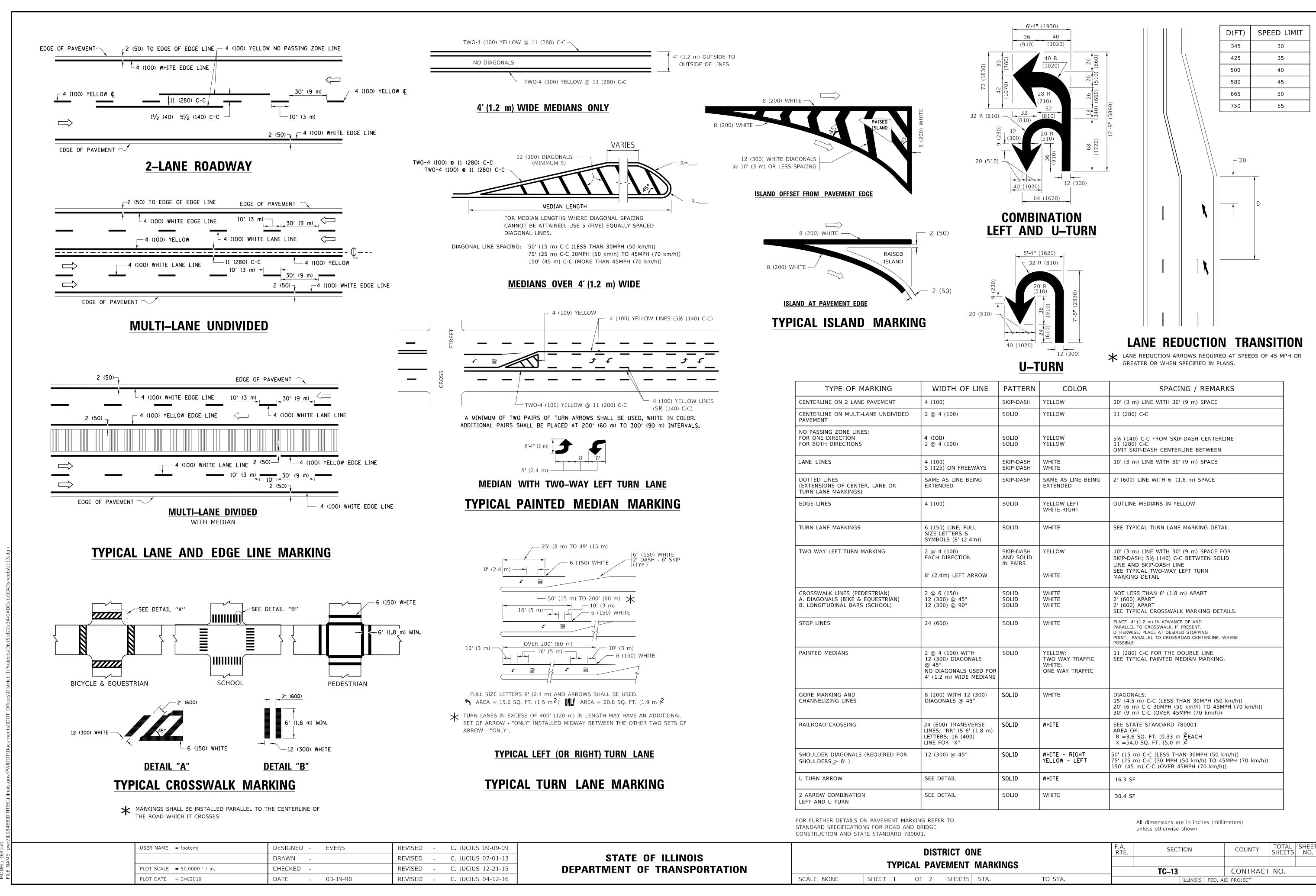
TYPICAL APPLICATIONS **STATE OF ILLINOIS** DRAWN -T. RAMMACHER 01-06-00 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) - C. JUCIUS 09-09-09 **DEPARTMENT OF TRANSPORTATION** CHECKED REVISED PLOT SCALE = 50.0000 ' / in. PLOT DATE = 3/4/2019DATE REVISED - C. JUCIUS 07-01-13 SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT

- T. RAMMACHER 03-12-99

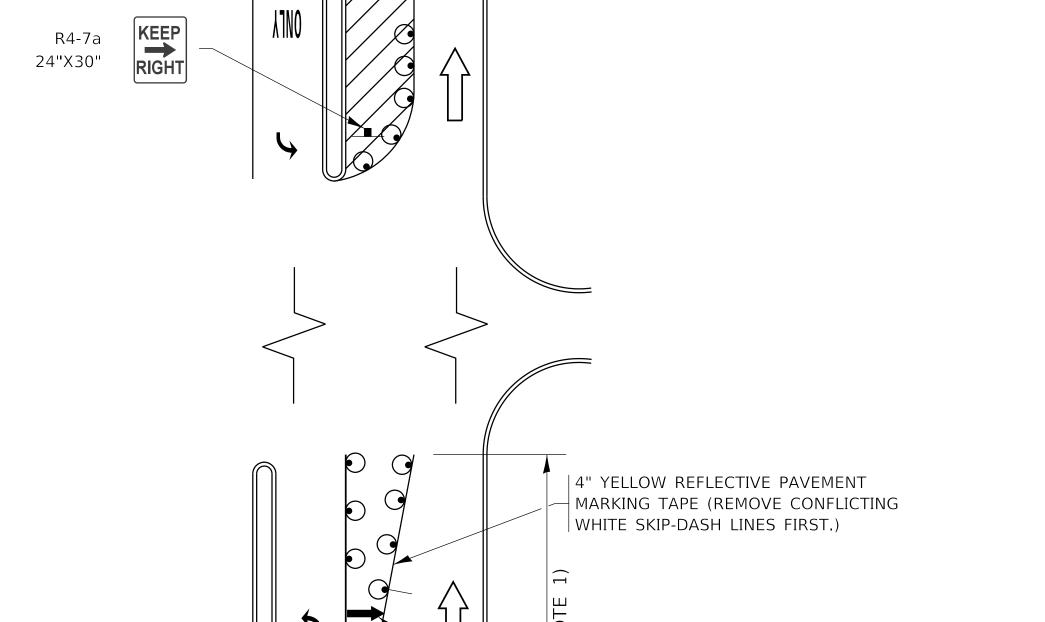
USER NAME = footemj

DESIGNED

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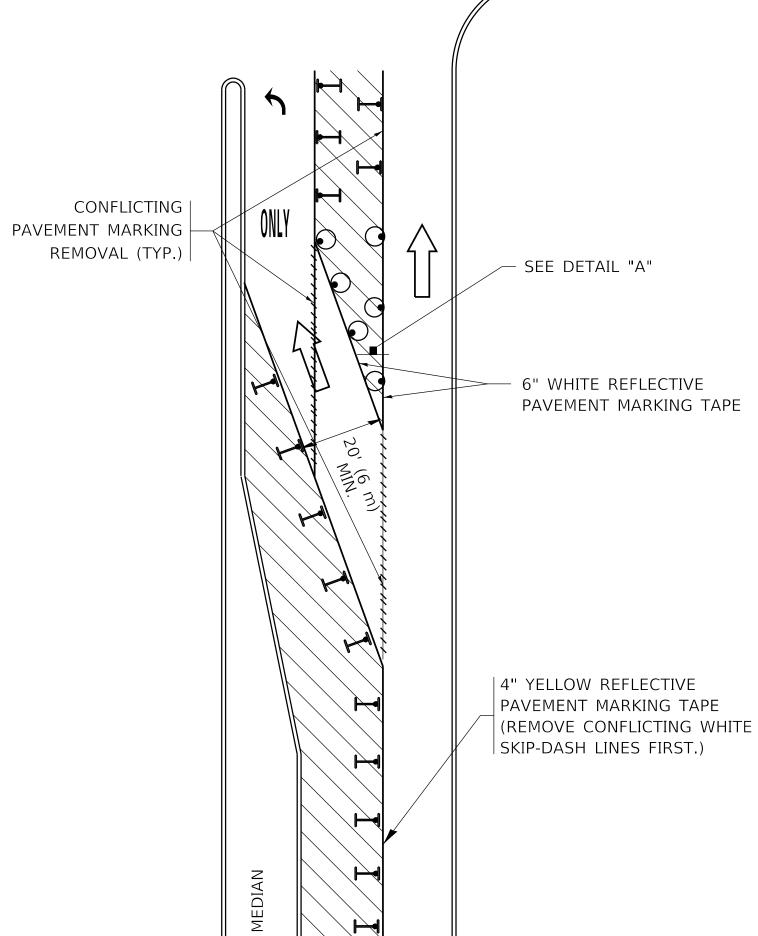
## TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



– ARROW BOARD

# **LEGEND** LANE OPEN TO TRAFFIC ARROW BOARD TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT DRUM WITH STEADY BURN LIGHT SIGN ASSEMBLY TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

## TURN BAY ENTRANCE WITHIN A LANE CLOSURE



### NOTES:

- 1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
  - B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- 2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- 3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- 4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- 5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
- 6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- 7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
- 8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

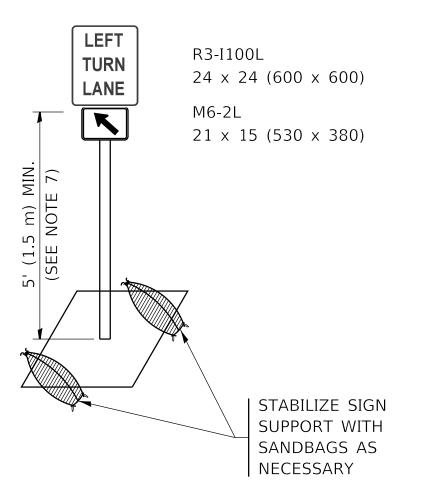


FIGURE 2

**DETAIL A** 

SCALE: NONE

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

DESIGNED -T. RAMMACHER 09-08-94 REVISED USER NAME = footemj - R. BORO 09-14-09 - A. HOUSEH 11-07-95 REVISED - A. SCHUETZE 07-01-13 CHECKED - A. HOUSEH 10-12-96 | REVISED - A. SCHUETZE 09-15-16 PLOT SCALE = 50.0000 ' / in. PLOT DATE = 3/4/2019-T. RAMMACHER 01-06-00 REVISED

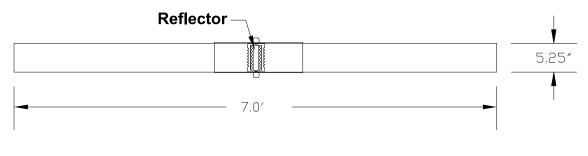
FIGURE 1

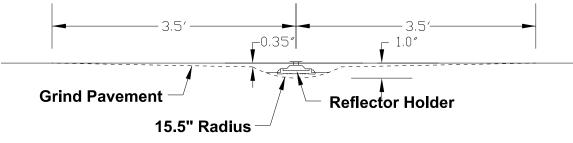
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

TOTAL SHEET NO. F.A. RTE. SECTION COUNTY TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) TC-14 CONTRACT NO. SHEET 1 OF 1 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT

SEE DETAIL "A" —

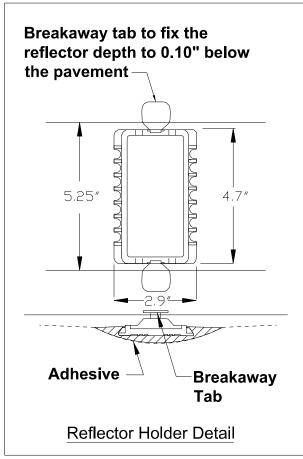
## RECESSED PAVEMENT MARKER





#### **Notes**

- 1. The reflector holder shall be made of a polycarbonate and shall be a MarkerOne Series R100 or Engineer approved equivalent.
- 2. The adhesive used shall meet the requirements of AASHTO M237 specification for adhesives to be used in cementing asphalt surfaces.



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#### PAVEMENT MARKINGS AND PAVEMENT MARKERS

#### **MATERIALS FOR PAVEMENT MARKINGS:**

<u>LOCATION</u> <u>MATERIAL</u>

ALL MARKINGS ON BITUMINOUS PAVEMENT THERMOPLASTIC

PAVEMENT MARKINGS

ALL MARKINGS ON CONCRETE SURFACES URETHANE

TURN BAYS > 200' LONG

PAVEMENT MARKINGS

ADDITIONAL "ONLY"

#### **INSTALLATION OF PAVEMENT MARKINGS:**

LOCATION

PAINTED MEDIANS

4" DOUBLE YELLOW; 11" c-c AND 12" YELLOW @ 45°; 30' c-c

BARRIER MEDIANS

4" YELLOW

TURN BAY TAPERS ALONG THRU LANES

6" WHITE, 2' LONG, 6' SPACE (DOTTED WHITE)

START OF TURN BAYS

ARROW AND "ONLY"

END OF TURN BAYS 150'-200' LONG

ADDITIONAL ARROW 10' FROM END

ALL OTHER MARKINGS PER MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OF ILLINOIS.

#### INSTALLATION OF RECESSED REFLECTIVE PAVEMENT MARKERS:

<b>LOCATION</b>	<b>SPACING</b>
DOUBLE YELLOW CENTERLINE, & SKIP-DASH WHITE LANE LINES APPROACH & DEPARTURE FROM INTERSECTIONS & CURVES* * EQUAL TO LENGTH OF TURN BAY, OR 200'	40'
ALONG CURVES OR TAPERS TANGENT SECTIONS	40' 80'
SOLID LANE LINES (TURN BAYS)	40'
END OF PAINTED MEDIANS	3 @ 3' LATERAL
LOCATION	<b>TYPE</b>
DOUBLE YELLOW CENTERLINE	2-WAY YELLOW
PAINTED MEDIANS ≤ 4' WIDE	2-WAY YELLOW
PAINTED MEDIANS >4' WIDE	1-WAY YELLOW
YELLOW LINE ALONG BARRIER MEDIANS ** EXCEPT IN SPECIAL CIRCUMSTANCES	NONE **
SKIP-DASH WHITE LANE LINES, SOLID LANE LINES (TURN BAYS) 2-WAY, UNDIVIDED ROADWAY 1-WAY ROADWAY, OR DIVIDED WITH BARRIER MEDIAN	1-WAY WHITE 2-WAY WHITE / RED

PROVIDE A 3M SERIES 190 REFLECTOR AND A MARKERONE SERIES R100 REFLECTOR HOLDER OR ENGINEER APPROVED EQUAL.

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ADDENDUM #2
RETURN WITH BID

# ADDENDUM NO. 2 February 28, 2020 2020 PAVEMENT MARKING MAINTENANCE SECTION 20-PVMKG-08-GM

- 1. IN THE PROPOSAL PLANS, REPLACE THE SUMMARY OF QUANTITIES WITH THE ATTACHED SUMMARY OF QUANTITIES.
- 2. IN THE PROPOSAL PLANS, REPLACE THE SUMMARY OF QUANTITIES WITH THE ATTACHED SCHEDULE OF QUANTITIES.
- 3. CBID SPREADSHEET UPDATED.

By Order of County of DuPage

(Awarding Authority)

Christopher C. Snyder, P.E.

**County Engineer** 

ADDENDUM NO. 2 **RETURN WITH BID** 

Section: 20-PVMKG-08-GM

Route: **Various** 

Δ

#### **REMOVE &** "OTHER" OR Item Unit Quantity REMOVAL ONLY **NEW MARKINGS** Items No. REPLACE NOMINAL THERMOPLASTIC PAVEMENT MARKING - LETTERS SQ FT 22200 20348.6 1851.6 AND SYMBOLS THERMOPLASTIC PAVEMENT MARKING - LINE 4" **FOOT** 19000 7852 11148 THERMOPLASTIC PAVEMENT MARKING - LINE 6" FOOT 81250 76497 4753 THERMOPLASTIC PAVEMENT MARKING - LINE 8" **FOOT** 8000 7868 132 3582 THERMOPLASTIC PAVEMENT MARKING - LINE 12" FOOT 45400 39866.63 1951 THERMOPLASTIC PAVEMENT MARKING - LINE 24" **FOOT** 8200 7781 419 HOT SPRAY THERMOPLASTIC PAVEMENT MARKING **FOOT** 494000 462623 31377 LINE - 4 INCH MODIFIED URETHANE PAVEMENT MARKING -36.4 126 SQ FT 1000 837.2 LETTERS AND SYMBOLS MODIFIED URETHANE PAVEMENT MARKING - LINE 4" **FOOT** 9000 371 8629 **FOOT** 3000 2607 393 MODIFIED URETHANE PAVEMENT MARKING - LINE 6" 845 FOOT 950 105 11 |MODIFIED URETHANE PAVEMENT MARKING - LINE 8" MODIFIED URETHANE PAVEMENT MARKING - LINE 12" **FOOT** 1600 1433 167 MODIFIED URETHANE PAVEMENT MARKING - LINE 24" **FOOT** 550 453 97 131500 121888.4 7970.5 14 PAVEMENT MARKING REMOVAL - GRINDING SQ FT 1641 RECESSED REFLECTIVE PAVEMENT MARKER **EACH** 500 500 500 REPLACEMENT REFLECTOR EACH 500 TRAFFIC CONTROL AND PROTECTION L SUM MODIFIED URETHANE PAVEMENT MARKING - RAISED SQ FT 3000 2287 713 18 MEDIAN RAILROAD PROTECTIVE LIABILITY INSURANCE L SUM **DOLLARS** 3000 RAILROAD FLAGGER

**SUMMARY OF QUANTITIES** 

<sup>\*</sup> DESIGNATES SPECIALTY ITEM (NONE DESIGNATED)

TOTAL QUANTITIES MAY BE ROUNDED

Δ - NOMINAL ADDITIONAL QUANTITY FOR BIDDING PURPOSES (ASSUME SMALL QUANTITIES AT ANY SINGLE LOCATION)

									2020 PAVEN	MENT MARK	ING REMOV	E AND REPL	ACE - THER	RMOPLASTIC	ON ASPHA	LT				
NO.	HIGHWAY	INTERSECTION		LF	LF	LF	LF	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
				24" S.W	12" S.W.	8" S.W.	6" SW CROSSWA	6" SW TURN.	6" S.W. MISC.	12" S.W. MISC.	6" DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
_	PLAINFIELD-NAPERVILLE RD.	75th ST. TO 87th ST.					LK	TOKN.	WIIGC.	HATCH	DASHES			ARRO						
	PLAINFIELD-NAPERVILLE RD.		s	38	358		184	228			23	2	2						17	36
	PLAINFIELD-NAPERVILLE RD.		N				101	190			21	2	1						13	
	PLAINFIELD-NAPERVILLE RD.		Е	26	102															
	PLAINFIELD-NAPERVILLE RD.	BAILEY RD.	s																34	
1	PLAINFIELD-NAPERVILLE RD.	SPRINGBROOK PRARIE N ENT.	N																35	
	PLAINFIELD-NAPERVILLE RD.		S					199			22	2	2						15	
	PLAINFIELD-NAPERVILLE RD.		N					199			21	2	2						15	
	PLAINFIELD-NAPERVILLE RD.		S																37	
1	PLAINFIELD-NAPERVILLE RD.	87th ST.	N	116	156			248	230		21	2	2							11
_	HOBSON RD.	WASHINGTON ST. TO I-355																		
	HOBSON RD.		E	35	281		166	297				3	3							+
	HOBSON RD.		w	33	201		100	36				3								
	HOBSON RD.		E					- 00											64	123
	HOBSON RD.		w																66	1
	HOBSON RD.		s	18																
2	HOBSON RD.		E					200			19	2	1						135	
	HOBSON RD.	OLESEN DR.	w	25				204			21	2	1							
	HOBSON RD.	OLESEN DR.	E	27				117			21	1	1						54	202
2	HOBSON RD.		s	18																
	HOBSON RD.		w					115			20	1	1						70	
	HOBSON RD.		E					197			21	2	1							210
	HOBSON RD.		w																	
	HOBSON RD.		E																	
	HOBSON RD.		w								19	2	1							
	HOBSON RD.		N	16																+
	HOBSON RD.		E	22															190	91
	HOBSON RD.		S E	22				440				-	1							+
	HOBSON RD. HOBSON RD.		S					148				2	1							+
	HOBSON RD.		w	40				181			11	3	1						74	41
	HOBSON RD.		E	45				185			14	2	1							7.
	HOBSON RD.		w									_	-						76	50
	HOBSON RD.		E					200			8	2	1							
	HOBSON RD.		w								8	1	1							
2	HOBSON RD.	HUNTINGTON ESTATES	E																54	187
2	HOBSON RD.	HUNTER CIR.	w					124			18	1	1						66	
2	HOBSON RD.	HUNTER CIR.	S	19																
	HOBSON RD.		E					197			20	2	1							
	HOBSON RD.		W					140			21	1	1						80	305
	HOBSON RD.		S	18																
	HOBSON RD.		E					195			11	2	1							
	HOBSON RD.		w					106			10	1	1							+
	HOBSON RD.		S E	14															44	64
	HOBSON RD.		_																44	64
	HOBSON RD. HOBSON RD.		s w					256			19	2	2							+
	HOBSON RD.		W					200			13								64	89
	HOBSON RD.		s	26																
	HOBSON RD.		E					198			21	2	1							478
	HOBSON RD.		w																76	1
	HOBSON RD.		s																	
2	HOBSON RD.		E					100			20	1	1							144
2	HOBSON RD.	INDIANA AVE.	w					132			23	1	1							
	HOBSON RD.	INDIANA AVE.	s	15																
	HOBSON RD.		E					200			20	2	1							113
	HOBSON RD.		w					195			20	2	1							
	HOBSON RD.		N	14																
	HOBSON RD.		E					121			20	1	1						76	810
	HOBSON RD.		W	40				118											72	+
	HOBSON RD.		S	16								_								+
	HOBSON RD.		_	16								2								+
	HOBSON RD. HOBSON RD.		N E	16				121			21	1	1						66	144
	HOBSON RD.		w					190			21	2	1						- 00	144
	HOBSON RD.		N	13				130				-	'							+
	HOBSON RD.		E					136			21	1	1						60	132
2																				

								2020 PAVEN	MENT MARK	ING REMOV	E AND REPL	ACE - THER	MOPLASTIC	ON ASPHA	LT				
NO.	HIGHWAY	INTERSECTION	LF	LF	LF	LF	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
			24" S.W	12" S.W.	8" S.W.	6" SW CROSSWA	6" SW TURN.	6" S.W. MISC.	12" S.W. MISC.	6" DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
_	HOBSON RD.	MITCHELL LN. S	17			LK	TOTAL.	mico.	HATCH	DAGILO			Aitito						
	HOBSON RD.	MITCHELL LN. E	17				200			20	1	1							80
	HOBSON RD.	CREEK DR. W					400			38	3	2							
	HOBSON RD.	CREEK DR. N	13																
	HOBSON RD.	CREEK DR. S	12																
2	HOBSON RD.	GREENE RD. W	40				273			42	3	2							12
	HOBSON RD.	GREENE RD. S	36			144													
	HOBSON RD.	GREENE RD.	46				332			39	3	2							140
	HOBSON RD.	DOUBLE EAGLE DR. W		99															
	HOBSON RD.	DOUBLE EAGLE DR. N																	
	HOBSON RD. HOBSON RD.	DOUBLE EAGLE DR. E HOBSON VALLEY DR. W	28	49	129		201 118			28 24	1	1						72	150
	HOBSON RD.	HOBSON VALLEY DR. E					110			24								52	95
	HOBSON RD.	ROUTE 53 W	56				480			40	4	4						32	- 50
	HOBSON RD.	ROUTE 53 E	70				520			36	4	4			4				34
	HOBSON RD.	WOODRIDGE DR. W	37	230		151	191			12	5	2						75	112
2	HOBSON RD.	WOODRIDGE DR. E	42	204			266			18	2	2						22	92
2	HOBSON RD.	PRENTICE DR. W					74			21	1	1						70	25
2	HOBSON RD.	PRENTICE DR. E					94			19	1	1						11	
L																			
	MAIN ST.	ST. CHARLES RD. to NORTH AVE.		4															
	MAIN ST.	ST. CHARLES RD. S	33	162		400	230			44	2	3		1					
	MAIN ST. MAIN ST.	GREAT WESTERN TRAIL  NORTH AVE. S		158		100												768	23
٥	main 31.	NORTH AVE. S																768	23
5	GLEN ELLYN RD.	NORTH AVE. to N OF FULLERTON																	+
	GLEN ELLYN RD.	NORTH AVE. N																	41
	GLEN ELLYN RD.	ARMITAGE AVE. S	37				120			15	1	1							137
	GLEN ELLYN RD.	ARMITAGE AVE. N	36				122			16	1	1						34	141
5	GLEN ELLYN RD.	NOLAN AVE S																38	
5	GLEN ELLYN RD.	NOLAN AVE N																17	5
	GLEN ELLYN RD.	WINTHROP AVE. S													2				
	GLEN ELLYN RD.	WINTHROP AVE. N	48	153															
	GLEN ELLYN RD.	FULLERTON AVE S	44				100			17	1	1			2			18	137
5	GLEN ELLYN RD.	FULLERTON AVE N	36				100			16	1	1						22	153
10	PROSPECT AVE.	IRVING PARK RD. to GRANVILLE AVE.																	
	PROSPECT AVE.	IRVING PARK RD. IN GRANVILLE AVE.	42				434			20	3	3						40	249
	PROSPECT AVE.	SCHILLER ST. S	42	132			79			13	1	1						40	243
	PROSPECT AVE.	SCHILLER ST. N	72	.02												2		32	41
	PROSPECT AVE.	INDUSTRIAL DR. S	72													2		122	
	PROSPECT AVE.	INDUSTRIAL DR. N					151			14	1	1						18	57
10	PROSPECT AVE.	ITASCA PUBLIC WORKS S																	169
10	PROSPECT AVE.	GRANVILLE AVE. S							438	21	2	1						19	123
	ARMY TRAIL RD.	GERBER to SCHMALE																	
	ARMY TRAIL RD.	GERBER RD. W	50	245		161	412			36	4	4							
	ARMY TRAIL RD. ARMY TRAIL RD.	GERBER RD. N GERBER RD. E	12 36	87 138			313				,	2							308
	ARMY TRAIL RD.	GERBER RD. E FAIR OAKS RD. W	36	138			313				2							78	300
	ARMY TRAIL RD.	FAIR OAKS RD. E	36	144			195			21	2	1						70	+
	ARMY TRAIL RD.	FAIR OAKS PLAZA W	- 50				.55				-							64	108
	ARMY TRAIL RD.	FAIR OAKS PLAZA E					100			17	1	1							
	ARMY TRAIL RD.	SPRING VALLEY DR. W	40	144			157			18	1	1							1
	ARMY TRAIL RD.	SPRING VALLEY DR. E	36	156			184			15	2	1							
11	ARMY TRAIL RD.	SERVICE DR. W					70			15	1	1							
	ARMY TRAIL RD.	SERVICE DR. E																60	175
	ARMY TRAIL RD.	BAYSIDE DR. W					150			19	2	1							
	ARMY TRAIL RD.	BAYSIDE DR. E																56	80
	ARMY TRAIL RD.	OUR SAVIOR LUTHERAN CHURCH W																52	
	ARMY TRAIL RD.	OUR SAVIOR LUTHERAN CHURCH E	27	474			152			21	2	1							214
	ARMY TRAIL RD.	WOODLAKE DR. W	37	174			260			18	2	2							
	ARMY TRAIL RD. ARMY TRAIL RD.	WOODLAKE DR. E BENNINGTON DR. W	39	174			250			19	2	2						78	278
	ARMY TRAIL RD.	BENNINGTON DR. W BENNINGTON DR. E					126			10	1	1						/8	+
	ARMY TRAIL RD.	SANDPIPER DR. W					70			14	1	1							+
	ARMY TRAIL RD.	SANDPIPER DR. E										· ·						56	112
	ARMY TRAIL RD.	DOLLAR GENERAL W																	+
11						-	100	_		12	1	1					_	_	

ADDENDUM NO. 2 RETURN WITH BID

111 ARNA 111	MY TRAIL RD.	INTERSECTION  COUNTY FARM RD. COUNTY FARM RD. BURGER KING BURGER KING MARINE DR. MARINE DR. HERITAGE PLAZA HERITAGE PLAZA CLIPPER DR. AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL STHETT. BRIGHTON DR.	WWEE	42 42 42 52 51	LF 12" S.W. 162 168 60 213	LF 8" S.W.	LF 6" SW CROSSWA LK	LF 6" SW TURN. 267 165 92 90 175 175 148	LF 6" S.W. MISC.	LF 12" S.W. MISC. HATCH	EA. 6" DASHES 17 22 9 9 21 21	EA. ARROWS  2 2 1 1 2 2 2	EA. ONLY'S  2 1 1 1	EA. COMB. ARRO	EA. THRU ARR	EA. "SCHOOL"	EA.	4" S.W.	4" S.Y.	12" S.Y. 97 47
111 ARNA 111	MY TRAIL RD.	COUNTY FARM RD. BURGER KING BURGER KING MARINE DR. MARINE DR. HERITAGE PLAZA HERITAGE PLAZA CLIPPER DR. AUTOZONE AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL SATH CT. BRIGHTON DR.	E W E E W E E W E E W E E W E E W E E W E E W E E W E E W E E W E E W E E W E E W E E W W E E W E E W W W E E W W E E W W E E W W W E E W W E E W W W E E W W W E E W W W E E W W W E E W W W E E W W W E E W W W E E W W W E E W W W W E E W W W W E E W	42 42 42 52 51	168 60 213	109	LK	267 165 92 90 175 175 148		HATCH	17 22 9 9	1 2	1 1							47
111 ARNA 111	MY TRAIL RD.	COUNTY FARM RD. BURGER KING BURGER KING MARINE DR. MARINE DR. HERITAGE PLAZA HERITAGE PLAZA CLIPPER DR. AUTOZONE AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL SATH CT. BRIGHTON DR.	E W E E W E E W E E W E E W E E W E E W E E W E E W E E W E E W E E W E E W E E W E E W W E E W E E W W W E E W W E E W W E E W W W E E W W E E W W W E E W W W E E W W W E E W W W E E W W W E E W W W E E W W W E E W W W E E W W W W E E W W W W E E W	42 42 42 52 51	168 60 213	109		90 90 175 175 148			9 9 21 21	1 2	1 1							47
111	MY TRAIL RD.	BURGER KING BURGER KING MARINE DR. MARINE DR. HERITAGE PLAZA HERITAGE PLAZA CLIPPER DR. CLIPPER DR. AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL STIGHTON DR.	W E W E W E W E W E W E W W E W W E W W E W W E W W E W W W E W W	42 42 52 51	60 213	109		92 90 175 175 148			9 9 21 21	1 1 2	1							47
111	MY TRAIL RD.	BURGER KING MARINE DR. MARINE DR. HERITAGE PLAZA HERITAGE PLAZA CLIPPER DR. AUTOZONE AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL SATH CT. BRIGHTON DR.	E W E W E W E W E W E W E W E W E W E W	42 42 42 52 51	213	109		90 175 175 148			9 21 21	1 2	1							
111 ARM 111 AR	MY TRAIL RD.	MARINE DR. MARINE DR. HERITAGE PLAZA HERITAGE PLAZA CLIPPER DR. CLIPPER DR. AUTOZONE AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL STIF	W E W E W E W E W E W E W E	42 42 42 52 51	213	109		175 175 148			21 21	2								
111 ARNA 1111 AR	MY TRAIL RD.	HERITAGE PLAZA HERITAGE PLAZA CLIPPER DR. CLIPPER DR. AUTOZONE AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL BRIGHTON DR.	E W E W E W E W	42 42 42 52 51	213	109		175 175 148			21 21	2								
111   ARNAN	MY TRAIL RD.	HERITAGE PLAZA CLIPPER DR. CLIPPER DR. AUTOZONE AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL SATH CT. BRIGHTON DR.	E W E W E W E W E	42 42 52 51	213	109		175 148			21		1						52	
111 ARNA 111	MY TRAIL RD.	HERITAGE PLAZA CLIPPER DR. CLIPPER DR. AUTOZONE AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL SATH CT. BRIGHTON DR.	E W E W E W E W E	42 42 52 51	213	109		175 148			21		1					-		106
111 ARNA 1111 AR	MY TRAIL RD.	CLIPPER DR. AUTOZONE AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL SATH CT. BRIGHTON DR.	E W E W E W E	52 51 36	213	109		148				2								
111 ARNA 1111 AR	MY TRAIL RD.	AUTOZONE AUTOZONE MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL SATH CT. BRIGHTON DR.	W E W E W E	52 51 36	213	109						- 4	1					1		1
111 ARNA 111	MY TRAIL RD.	AUTOZONE  MADSEN DR./KUHN RD.  MADSEN DR./KUHN RD.  LOWE'S  COSTCO  MERBACH DR.  MERBACH DR.  COMMONS OF ARMY TRAIL  COMMONS OF ARMY TRAIL  84TH CT.  BRIGHTON DR.	E W E W E W	51 36	213	109		440			20	2	1						1	398
111 ARNA 111	MY TRAIL RD.	MADSEN DR./KUHN RD. MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL BATH CT. BRIGHTON DR.	W E W E W	51 36	213	109		440											58	
111 ARNATI ARNAT	MY TRAIL RD.	MADSEN DR./KUHN RD. LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL 84TH CT. BRIGHTON DR.	E W E W	51 36	213	109		140			20	2	1							
111 ARM	MY TRAIL RD.	LOWE'S COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL 84TH CT. BRIGHTON DR.	W E W E	36	213	109		362			42	4	3							
111 ARM	MY TRAIL RD.	COSTCO MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL 84TH CT. BRIGHTON DR.	E W E W			.00		284			37	3	2							
111 ARM	MY TRAIL RD.	MERBACH DR. MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL 84TH CT. BRIGHTON DR.	W E W		114	141		84				1	1							
111 ARM	MY TRAIL RD.	MERBACH DR. COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL 84TH CT. BRIGHTON DR.	E W		114	168		143			18	2	1							14
111 ARN	MY TRAIL RD. MY TRAIL RD. MY TRAIL RD. MY TRAIL RD. MY TRAIL RD. MY TRAIL RD.	COMMONS OF ARMY TRAIL COMMONS OF ARMY TRAIL 84TH CT. BRIGHTON DR.	w		11			150			21	1	1							
111 ARM	MY TRAIL RD. MY TRAIL RD. MY TRAIL RD. MY TRAIL RD. MY TRAIL RD.	COMMONS OF ARMY TRAIL 84TH CT. BRIGHTON DR.		44				148			18	1	1							
111 ARM	MY TRAIL RD. MY TRAIL RD. MY TRAIL RD. MY TRAIL RD.	84TH CT. BRIGHTON DR.	E																46	52
11 ARM	MY TRAIL RD. MY TRAIL RD. MY TRAIL RD.	BRIGHTON DR.						150			10	1	1							
11 ARM	MY TRAIL RD. MY TRAIL RD.		E	69													2		24	13
111 ARM	MY TRAIL RD.	0.5 0.5% 1.75	w	69				192			20	2	2				2		13	
11 ARM		OLD GARY AVE.	w					220				2	2						75	34
11 ARM	MY TRAIL RD.	OLD GARY AVE.	E					66			13	1	1						15	
11 ARM		GARY AVE.	w	57	216			802			40	5	5						30	
11 ARM	MY TRAIL RD.	GARY AVE.	E	58	216			645			77	6	6						15	
11 ARM	MY TRAIL RD.	KNOLLWOOD DR.	w	37	150			333			20	2	2						15	
11 ARM	MY TRAIL RD.	KNOLLWOOD DR.	Е	36	150			265			20	2	2						15	
11 ARM 11 ARM 11 ARM 11 ARM 11 ARM 11 ARM 11 ARM 11 ARM	MY TRAIL RD.	SPRINGFIELD DR.	w	45	174			542			42	4	4						15	
11 ARM 11 ARM 11 ARM 11 ARM 11 ARM 11 ARM 11 ARM	MY TRAIL RD.	SPRINGFIELD DR.	E	44	174			440			41	3	3							
11 ARN 11 ARN 11 ARN 11 ARN 11 ARN 11 ARN	MY TRAIL RD.	BUTTERFIELD DR.	w	49	174			483			40	4	4						16	
11 ARN 11 ARN 11 ARN 11 ARN 11 ARN	MY TRAIL RD.	BUTTERFIELD DR.	E	38	252	172		192			21	2	2						15	
11 ARN 11 ARN 11 ARN 11 ARN	MY TRAIL RD.	FIFTH/THIRD BANK	w	33	120			150			22	1	1						50	
11 ARN 11 ARN 11 ARN	MY TRAIL RD.	FIFTH/THIRD BANK	s	22	132															
11 ARM 11 ARM	MY TRAIL RD.	FIFTH/THIRD BANK	E	34				215			20	2	2						15	
11 ARN	MY TRAIL RD.	MARTIN LN.	w																35	
	MY TRAIL RD.	MARTIN LN.	E					338			20	2	2						16	
11 ARN	MY TRAIL RD.	SCHMALE RD.	w	55	210			658			40	4	4						22	11
	MY TRAIL RD.	SCHMALE RD.	E	35	159			553			20	3	3						15	
14 EOL		BUTTERFIELD RD. to NEW YORK ST.																		
14 EOL		BUTTERFIELD RD.	S	27				210			22	2	2						104	38
14 EOL		ST. ATHANASIUS CHURCH	N					100			21	1	1						14	
14 EOL		ST. ATHANASIUS CHURCH	S																44	
14 EOL		AURORA GENERATION	N					151			21	2	1						16	
14 EOL		AURORA GENERATION	S																60	
14 EOL		XPO LOGISTICS N ENTRANCE	N					158			17	2	2						17	
14 EOL		XPO LOGISTICS N ENTRANCE	S															-	57	
14 EOL		OLD FERRY RD.	N					155			19	2	1					-	55	
14 EOL		OLD FERRY RD.	S															1		
14 EOL		OLD FERRY RD.	E	14														-		
14 EOL		FERRY RD.	N	45	230		189	195			22	2	2					1		
14 EOL		FERRY RD.	W		355		280											1		
14 EOL		FERRY RD.	S	50	240		200	403			46	4	4					1		
14 EOL		PROSPECT DR.	N					208			21	2	1					1	17	
14 EOL		PROSPECT DR.	E	34														1		
14 EOL		PROSPECT DR.	S							ac -								-	51	
14 EOL		DIEHL RD.	N	64	306	856		535		295	79							+	25	
14 EOL		DIEHL RD.	W		435													-		
14 EOL		DIEHL RD.	S	67	529	793		864			85	5	5					-	24	
14 EOL		MUSTANG WAY	N -	48	165		167	380			45	4	4		-			+	14	-
14 EOL		MUSTANG WAY	E	24	216	_	164													
14 EOL	IAKD	MUSTANG WAY	S	40	46:	709					14	2	1					-	56	-
14 EOL		MOLITOR RD.	N	50	101	266	4	430			28	4	4					-		-
14 EOL	LA RD.	MOLITOR RD.	w	31	126		132											-		-
14 EOL	LA RD. LA RD.	MOLITOR RD.	E	48	207	4	207						_							-
14 EOL	LA RD. LA RD. LA RD.	MOLITOR RD. METEA S. ENTRANCE	S	50	744	1406	228				77	4	3					-	28	-
14 EOL 14 EOL	LA RD. LA RD. LA RD. LA RD.		S N		326	522		198			22	1	1					1	17	1

ADDENDUM NO. 2 RETURN WITH BID

											E AND REPL	ACE - THEF	RMOPLASTIC	ON ASPHA	LT				
NO.	HIGHWAY	INTERSECTION	LF	LF	LF	LF 6" SW	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
			24" S.W	12" S.W.	8" S.W.	CROSSWA LK	6" SW TURN.	6" S.W. MISC.	12" S.W. MISC. HATCH	6" DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
14	EOLA RD.	BENNETT PL. S																45	
	EOLA RD.	HAVERHILL DR. N	48	180			180			20	2	2							
	EOLA RD.	HAVERHILL DR. E	26			168													
	EOLA RD.	HAVERHILL DR. W	29			127													
	EOLA RD.	HAVERHILL DR. S	42	186			228			19	2	2							
	EOLA RD.	INDIAN TRAIL RD. N	61	222			446			38	4	4						18	
	EOLA RD.	INDIAN TRAIL RD.	52			223													
	EOLA RD.	INDIAN TRAIL RD. W	60			228													
	EOLA RD.	INDIAN TRAIL RD. S	56	384	393		726			59	7	6						18	
	EOLA RD.	SHEFFER DR. N	48	321	268		492			44	5	4						18	
	EOLA RD.	SHEFFER DR. E SHEFFER DR. W	30 55	198		216													+
	EOLA RD.	SHEFFER DR. W SHEFFER DR. S	48	276	144	210	396			45	3	2						18	
	EOLA RD.	WATERSTONE DR. N	40	2/0	144		390			45	3							53	+
	EOLA RD.	WATERSTONE DR. E	24	156														- 33	+
	EOLA RD.	WATERSTONE DR. S		100			209			16	2	2						17	1
	EOLA RD.	LIBERTY ST. N	62	234			492			45	4	4						13	
	EOLA RD.	LIBERTY ST. E	54			228													<b>†</b>
	EOLA RD.	LIBERTY ST. W	52			207													+
	EOLA RD.	LIBERTY ST. S	53	210			416			44	4	4						14	
	EOLA RD.	WEBER RD. N					208			21	2	2						14	
	EOLA RD.	WEBER RD. S																34	1
	EOLA RD.	EOLA PROFESSIONAL SUITES N					210			20	2	1						17	
	EOLA RD.	EOLA PROFESSIONAL SUITES S					155			22	2	1						14	
14	EOLA RD.	NEW YORK ST. N					268			48	2	2							
21	GENEVA RD.	RTE. 59 to COUNTY FARM RD.																	
21	GENEVA RD.	RTE. 59 E	37	236	155		349			43	4	4						15	
21	GENEVA RD.	PRINCE CROSSING RD. W	38				168			21	2	2							17
21	GENEVA RD.	PRINCE CROSSING RD. N	36	174															
21	GENEVA RD.	PRINCE CROSSING RD. E	37				200			20	2	2							
	GENEVA RD.	WINFIELD RD. W	26	126														48	142
	GENEVA RD.	WINFIELD RD. S	30	123		132													
	GENEVA RD.	WINFIELD RD.	36	138			261			21	2	2							22
21	GENEVA RD.	COUNTY FARM RD. W								21									27
	GARY AVE.	SCHICK RD. to GENEVA RD.																	
	GARY AVE.	SCHICK RD. N	51				913			50	6	6						20	
	GARY AVE.	SCHICK RD. W	42				375			15	3	3							
	GARY AVE.	SCHICK RD. E	44				400			30	2	2	1	1					
23		SCHICK RD. S	44				315			19	3	3						20	
	GARY AVE.	ENTRANCE DRIVE 5 N	55	186			346			42	3	3						19	
	GARY AVE.	ENTRANCE DRIVE 5 W	40	150															+
23		ENTRANCE DRIVE 5 E ENTRANCE DRIVE 5 S	31	156			470				•	_						40	+
23			36	444			170			28	1	1						19	
			18	114			133			17								40	+
23 23		CAMDEN DR. N CAMDEN DR. W	27	144			323			36	3	2						19	+
23		CAMDEN DR. W	21	144			342			34	4	2						19	+
23		SCOTT DR. N	40	180			173			19	2	1						16	+
23		SCOTT DR. W	27	156			173			15	-	<u>'</u>						10	+
23		SCOTT DR. E	36	201															
23		SCOTT DR. S	46	168			343			38	4	2						16	
23		ROY AUTO INC. N	23	30			260	964		34	3	2							+
23		ROY AUTO INC. S					104			21	1	1							<b>†</b>
23		ARMY TRAIL RD. N	55	240			638			59	4	4						15	+
23		ARMY TRAIL RD. S	154	276			530	512		16	4	4				2		17	1
23		STARK DR. N	84	135			212			16	2	2				2		13	
23		STARK DR. W	22	183		135													
23		STARK DR. E	28	102															
23		STARK DR. S	48	156			418			61	4	4						20	75
23		LIES RD. N	55	216			656			51	4	4						28	106
23		LIES RD. S	50	180			621			49	4	4						28	275
23		FOUNTAIN VIEW DR. N																52	
23		FOUNTAIN VIEW DR. W		228		162													
23		FOUNTAIN VIEW DR. S					218			27	2	2							
23		KLEIN CREEK CT. N																44	154
23	GARY AVE.	KLEIN CREEK CT. S					200			26	2	2							
23	GARY AVE.	ELK TRAIL N	35	150			215			26	2	2							

														ON ASPHA			1		1
NO. HIG	SHWAY	INTERSECTION	LF	LF	LF	LF 6" SW	LF	LF	LF 12" S.W.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
			24" S.W	12" S.W.	8" S.W.	CROSSWA LK	6" SW TURN.	6" S.W. MISC.	MISC. HATCH	6" DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
23 GAI	RY AVE.	ELK TRAIL V	25	156		110			HATOH										
23 GAI		ELK TRAIL E	33	282															
23 GAI	RY AVE.	ELK TRAIL S	37	132			145			9	1	1							
23 GAI		PRINCE INDUSTRIES N					82			9	1	1							
23 GAI		PRINCE INDUSTRIES S																44	358
	RY AVE.	MERCEDES DR. N					215			26	2	2							
23 GAI		MERCEDES DR. S																42	286
23 GAI		GREENWAY TRAIL N		400		400												42	
23 GAI 23 GAI	RY AVE.	GREENWAY TRAIL V GREENWAY TRAIL S	23	180		128	73 258			24	2	2							
23 GAI		GREENWAY TRAIL S HIAWATHA DR. N	37	141			320			24	2	2							
23 GAI		HIAWATHA DR. V		128		128	320			24									
23 GAI		HIAWATHA DR.	42	162															
23 GAI		HIAWATHA DR. S	39	135			302			25	2	2							
23 GAI		VILLAGE CT.					362			25	2	2							
23 GAI		VILLAGE CT. S									_							54	102
23 GAI		ARAPAHOE TRAIL N																56	
23 GAI		ARAPAHOE TRAIL V	15	141		98													
23 GAI		THUNDERBIRD TRAIL	36	120			72				7	1							
23 GAI		THUNDERBIRD TRAIL V	25	163		117													
23 GAI		THUNDERBIRD TRAIL S	36	120			110			24	1	1							
23 GAI	RY AVE.	KEHOE BLVD.					220			23	2	2							
23 GAI		KEHOE BLVD. S																52	146
23 GAI	RY AVE.	ST. ANDREW CHURCH																52	
23 GAI	RY AVE.	ST. ANDREW CHURCH					100			13	1	1							
23 GAI		QUAIL RUN CT.																60	156
23 GAI		QUAIL RUN CT.									4								
23 GAI		NORTH AVE.					540			58	3	3							176
23 GAI		NORTH AVE.					468			63	3	3							55
23 GAI		NORTH AVE. DISTRIBUTION CENTER					126				1	1							
23 GAI		NORTH AVE. DISTRIBUTION CENTER S					102			14	1	1							215
23 GAI		ST. CHARLES RD.	41															60	
23 GAI		ST. CHARLES RD.	36	195		120	100			18	1	1							
23 GAI		E ST. CHARLES RD.	35				228			18	2	2							
23 GAI		E ST. CHARLES RD.		132															440
23 GAI 23 GAI		E ST. CHARLES RD. S DELLA CT. N	26				330			41	4	2						52	146 166
23 GAI		DELLA CT. S					205			20	2	2							168
23 GAI		GENEVA RD.	49	162			486			33	4	4							141
23 GAI	RT AVE.	GENEVA RD.	49	102			400			33	4	4							141
27 HIG	SH LAKE RD.	SHELBURNE FARMS to PRINCE CROSSING RD.																	
	SH LAKE RD.	CREEKSIDE DR. V							61										127
	SH LAKE RD.	SUNSET AVE.					145			11	2	1							
	SH LAKE RD.	SUNSET AVE.					37			13	1	1							
27 PRI	INCE CROSSING RD.	HIGH LAKE RD. to GENEVA RD.																	
27 PRI	INCE CROSSING RD.	MAIN ST. S		151		100	107			32	1	1							
27 PRI	INCE CROSSING RD.	MAIN ST. V	24	147		105													
27 PRI	INCE CROSSING RD.	MAIN ST.																58	56
27 PRI	INCE CROSSING RD.	GENEVA RD. S	32	102		131	98			19	1	1							15
	EARNS RD.	W. COUNTY LINE - RTE. 59																	
	EARNS RD.	W. COUNTY LINE E					96			25	1	1							
	EARNS RD.	PRATT'S WAYNE WOODS					188			23	2	2							123
	EARNS RD.	PRATT'S WAYNE WOODS					430			46	3	3							126
	EARNS RD.	POWIS RD. V																48	86
	EARNS RD.	POWIS RD.	69				165			18	2	1				2			
	EARNS RD.	BREWSTER CREEK BLVD.	69				165			10	2	1				2			158
	EARNS RD.	BREWSTER CREEK BLVD.					380			49	4	2							32
29 STE		MUNGER RD. V	40 54	256	00.	175	258			18	2	2							29
29 STE	EARNS RD.	MINIOTO DD		602	631	205 147	150			50	5	7							
29 STE 29 STE 29 STE	EARNS RD. EARNS RD.	MUNGER RD.		001				1											1
29 STE 29 STE 29 STE 29 STE	EARNS RD. EARNS RD. EARNS RD.	MUNGER RD. S	33	201		147	4				-	-		_					
29 STE 29 STE 29 STE 29 STE 29 STE	EARNS RD. EARNS RD. EARNS RD. EARNS RD.	MUNGER RD. S MUNGER RD. E	33 49	201		147	467			37	5	5		2					28
29 STE 29 STE 29 STE 29 STE 29 STE 29 STE	EARNS RD. EARNS RD. EARNS RD. EARNS RD. EARNS RD.	MUNGER RD. S MUNGER RD. E LYNNFIELD LN. V	33 49	201		147	467 164			37 18	5 2	5 1		2				40	25
29 STE 29 STE 29 STE 29 STE 29 STE 29 STE 29 STE	EARNS RD.	MUNGER RD. S MUNGER RD. E LYNNFIELD LN. V LYNNFIELD LN. E	33 49	201		147	164			18	2	1		2				40	
29 STE	EARNS RD.	MUNGER RD.         S           MUNGER RD.         E           LYNNFIELD LN.         V           LYNNFIELD LN.         E           IGLESIA NUEVA CREACION CHURCH         V	33 49	201		147						_		2					25 53
29 STE	EARNS RD.	MUNGER RD. S MUNGER RD. E LYNNFIELD LN. V LYNNFIELD LN. E	33 49	201		147	164			18	2	1		2				40	25

									2020 PAVEN	MENT MARK	NG REMOV	/E AND REPI	LACE - THEF	RMOPLASTIC	ON ASPHA	LT				
NO.	HIGHWAY	INTERSECTION		LF	LF	LF	LF	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
				24" S.W	12" S.W.	8" S.W.	6" SW CROSSWA LK	6" SW TURN.	6" S.W. MISC.	12" S.W. MISC. HATCH	6" DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
29	STEARNS RD.	RTE. 59	w					290			19	2	2							
31	87TH ST	COSTCO TO LEMONT																		
	87TH ST	совтсо	E																	
31	87TH ST	WOODWARD	E																	
31	87TH ST	WOODWARD	w																	
	87TH ST	WENDY'S	E					99			17	1	1							81
	87TH ST	WENDY'S	w					89			10	1	1							
	87TH ST	HAVENS DR	E					98			17	2	1						28	54
	87TH ST 87TH ST	HAVENS DR WOODVALE DR	w					100 99			17 17	1	1							
	87TH ST	MEADOW LN	E					39			- 17	1							56	128
	87TH ST	MEADOW LN	w					101			17	9	1						56	20
	87TH ST	LEMONT RD.	w	38	156			452			19	4	4		2				46	150
38	63rd ST.	PRENTICE DR. TO W OF CASS AVE.																		
38	63rd ST.	I-355 SB RAMPS	w	40		52		231			14		2		2				32	
38	63rd ST.	I-355 SB RAMPS	E																	
	63rd ST.	I-355 NB RAMPS	w																	
	63rd ST.	I-355 NB RAMPS	E	42		89		264			19	2	2						50	
	63rd ST.	JANES AVE.	W					100			18	1	1						10	
	63rd ST.	JANES AVE.	E					100			15	1	1						20	50
	63rd ST.	LEONARD AVE.	W	36	153			47			15	1	1						20	
	63rd ST.	LEONARD AVE.	N	16	72							_								
	63rd ST.	LEONARD AVE.	E	37				150			17	2	1						20	203
	63rd ST.	CHASE AVE.	N M	16				407			40									
	63rd ST.	PUFFER RD.	W	40	174			137			19	1	1						38	
	63rd ST. 63rd ST.	BELMONT RD. BELMONT RD.	W	42 38	174			240				2	2							
	63rd ST.	BELMONT RD.	E	53	174						47	4	3							80
	63rd ST.	PERSHING AVE.	w	55	1/4			85			18	1	1						146	60
	63rd ST.	PERSHING AVE.	E					- 00											140	
	63rd ST.	WOODWARD AVE.	w	50	174			613			75	5	5							
	63rd ST.	WOODWARD AVE.	E	37	150			345			20	3	3			2				
	63rd ST.	STONEWALL AVE.	w		132			56			21	1	1							
	63rd ST.	STONEWALL AVE.	Е		138			205			21	8	2			2			38	43
	63rd ST.	SPRINGSIDE AVE.	w		144			203			22	2	2						38	43
38	63rd ST.	SPRINGSIDE AVE.	E		138			190			29	2	1			2				
38	63rd ST.	DUNHAM RD.	W	38	156			130			23	1	1			2				
	63rd ST.	DUNHAM RD.	E	38	162			163			20	2	1			2				
	63rd ST.	CARPENTER ST.	W																36	33
	63rd ST.	CARPENTER ST.	E					46			8	1	1						54	21
	63rd ST.	MAIN ST.	W	34	120			347				3	3							
	63rd ST.	MAIN ST.	E	40	168			248			20	2	2			_				64
	63rd ST.	FAIRMOUNT AVE.	E W		60											2				
	63rd ST.	BLODGETT AVE.	E																	
	63rd ST. 63rd ST.	BLODGETT AVE. FAIRVIEW AVE.	W	33	126						18	2	2			2				
	63rd ST.	FAIRVIEW AVE.	E	33	120			195			21	2	2							16
	63rd ST.	FLORENCE AVE.	w	- 55	116			100	146			_	-							
	63rd ST.	WILLIAMS ST.	w	45	174			95			31	1	1							
	63rd ST.	WILLIAMS ST.	E	44	162			157			20	1	1							1
	63rd ST.	MARIANOS	w	35	114			220			29	2	2							
	63rd ST.	MARIANOS	E	50	144			338			52	4	4						46	44
	63rd ST.	CASS AVE.	w								18	3							46	38
54	SWIFT RD.	ST. CHARLES RD. to COLLINS AVE.																		
	SWIFT RD.	ST. CHARLES RD.	S	35				150			14	2	2							58
	SWIFT RD.	GREAT WESTERN TRAIL			93		60													
	SWIFT RD.	NORTH AVE	s	59	96	370	50	350			40	5	4						122	
	SWIFT RD.	NORTH AVE	N	62	179	335		464			45	4	4						50	67
	SWIFT RD.	PETERSON AVE.	S																40	
	SWIFT RD.	PETERSON AVE.	N					80			10	1	1							
	SWIFT RD.	BURDETT AVE	S					105			10	1	1							400
	SWIFT RD.	BURDETT AVE.	N					170			17	1	1						66	136
	SWIFT RD.	SIDNEY AVE	S N					170			17	1	1						74	170
	SWIFT RD.	SIDNEY AVE. CORTLAND AVE.	S					170			17	1	1						74	170
	SWIFT RD.											1						1	/4	1

								2020 PAVE	MENT MARK	ING REMOV	E AND REPI	LACE - THEF	RMOPLASTI	C ON ASPHA	LT				
NO.	HIGHWAY	INTERSECTION	LF	LF	LF	LF	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	EA.	LF	LF	LF
			24" S.W	12" S.W.	8" S.W.	6" SW CROSSWA LK	6" SW TURN.	6" S.W. MISC.	12" S.W. MISC. HATCH	6" DASHES	ARROWS	ONLY'S	COMB. ARRO	THRU ARR	"SCHOOL"	RXR	4" S.W.	4" S.Y.	12" S.Y.
54	SWIFT RD.	ARMITAGE AVE. S																54	
54	SWIFT RD.	ARMITAGE AVE. N					152			17	1	1							192
54	SWIFT RD.	DICKENS RD. S																62	
54	SWIFT RD.	DICKENS RD. N					157			17	1	1							191
54	SWIFT RD.	WINTHROP AVE. S																58	
54	SWIFT RD.	WINTHROP AVE. N					153			18	1	1							88
54	SWIFT RD.	BELDEN AVE. S					98			17	1	1							
54	SWIFT RD.	BELDEN AVE. N					153			17	1	1							175
54	SWIFT RD.	FULLERTON AVE S																80	
54	SWIFT RD.	FULLERTON AVE E	17																
54	SWIFT RD.	FULLERTON AVE N								7	1	1							
54	SWIFT RD.	CONCORD LN. S					50			7	1	1							
54	SWIFT RD.	COLLINS AVE S	80	276	160		202			22						2		160	38
56	WOODWARD AVE	75th ST. to COSTCO																	
56	WOODWARD AVE	RIDGE LN. N									4								
56	WOODWARD AVE	COUNTRY CLUB DR. N									10								
56	WOODWARD AVE	EGERTON DR. N	31								2							40	73
56	WOODWARD AVE	HARCOURT DR. N					185			27	2	1							
56	WOODWARD AVE	HARCOURT DR. W	18																
56	WOODWARD AVE	HARCOURT DR. E	20																
56	WOODWARD AVE	HARCOURT DR. S					205			28	2	2							
56	WOODWARD AVE	83rd ST. N	37	144			365			27	2	2							
56	WOODWARD AVE	83rd ST. S	39	265		146	200			25	2	2							91
56	WOODWARD AVE	COSTCO N					270			56	3	3							11
		TOTAL	7781	25054	7868	6119	56578	1852	794	5974	570	458	1	8	22	18	0	7852	14019
		LENGTH (FT)	7781	25053.63	7868	6119	56578	1852	794	11948	-	_	_	_	_	_	_	7852	14019
		AREA (SQ FT)			7000	0113	- 30376	1032	-	11340	8892	9526.4	26	92	710.6	1101.6		7002	- 14013
		REMOVAL AREA (SQ FT)	15562	25053 63	5245.333	3059.5	28289	926	794	5974	8892	9526.4	26	92	710.6	1101.6	-	2617.333	14019
		REMOVAL AREA (SQ FT)	10002	20000.00	0240.333	3039.5	20209	920	194	5974	0092	9020.4		92	1 10.0	0.1011	-	2017.333	14019

							PAVEMENT											
NO.	HIGHWAY	INTERSECTION	-	LF	LF	LF	LF	LF	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	SF
				24" S.W	12" S.W.	8" SW	6" SW XW	6" SW TURN.	12" S.Y.	4 " S.Y.	4" SW	6" DASHES	ARROWS	ONLYS	THRU ARR	COMB. ARRO	"SCHOOL"	MEDIAN NOSES
2	HOBSON RD.	HOBSON-MILL DR.	w					65		340	50	24	1	1				
	HOBSON RD.	GREENE RD.	w															
	HOBSON RD.	GREENE RD.	S															
2	HOBSON RD.	GREENE RD.	E						98	824								
			-											_				
5	MAIN ST.	NORTH AVE.	S	89	493	273		530		1003	240	40	5	5				
5	GLEN ELLYN RD.	NORTH AVE.	N	94	294			776		1260	310	34	5	5				
10	PROSPECT AVE.	INDUSTRIAL DR.	s															
	PROSPECT AVE.	INDUSTRIAL DR.	N						140	784	100	8						
			1														1	
11	ARMY TRAIL RD.	BRIGHTON DR.	w															57
11	ARMY TRAIL RD.	OLD GARY AVE.	w															63
11	ARMY TRAIL RD.	OLD GARY AVE.	E															30
11	ARMY TRAIL RD.	GARY AVE.	w															30
	ARMY TRAIL RD.	GARY AVE.	E															30
	ARMY TRAIL RD.	KNOLLWOOD DR.	w															28
	ARMY TRAIL RD.		E															28
	ARMY TRAIL RD.	SPRINGFIELD DR.	W															30
	ARMY TRAIL RD.	SPRINGFIELD DR.	E															29
	ARMY TRAIL RD.	BUTTERFIELD DR.	W															35
	ARMY TRAIL RD.	BUTTERFIELD DR.	E															35
	ARMY TRAIL RD.	FIFTH/THIRD BANK	W															124
	ARMY TRAIL RD.		S															20
	ARMY TRAIL RD.	FIFTH/THIRD BANK	E															30
	ARMY TRAIL RD.	MARTIN LN.	W															81
	ARMY TRAIL RD.		E															40
	ARMY TRAIL RD.	SCHMALE RD.	w															40
11	ARMY TRAIL RD.	SCHMALE RD.	E														+	45
14	EOLA RD.	DIEHL RD.	N							988	240							
	EOLARD.	DIEHL RD.	w							300	240							
	EOLARD.		S														+	
	EOLA RD.	WATERSTONE DR.	N							766	190							
	EOLA RD.		E														1	
	EOLA RD.		s															
	EOLA RD.		N	53	180	138		183		197			2	2				
21	GENEVA RD.	WINFIELD RD.	w							140	180							
21	GENEVA RD.	WINFIELD RD.	S															
21	GENEVA RD.	WINFIELD RD.	E															
23	GARY AVE.	SCHICK RD.	N															45
	GARY AVE.	SCHICK RD.	w															
	GARY AVE.		E														1	
	GARY AVE.	SCHICK RD.	S															45
	GARY AVE.		N															53
	GARY AVE.	ENTRANCE DRIVE 5	w															60
	GARY AVE.		E															50
	GARY AVE.		s															42
23	GARY AVE.		N															30
	GARY AVE.	CAMDEN DR.	w															
	GARY AVE.	CAMDEN DR.	S															62
	GARY AVE.	SCOTT DR.	N															48
	GARY AVE.	SCOTT DR.	w															
		SCOTT DR.	E															
23	GARY AVE.																	60
23 23	GARY AVE.	SCOTT DR.	S															
23 23 23	GARY AVE. GARY AVE.	SCOTT DR. ROY AUTO INC.	N															50
23 23 23 23	GARY AVE. GARY AVE.	SCOTT DR. ROY AUTO INC. ROY AUTO INC.	N S															553
23 23 23 23 23	GARY AVE. GARY AVE. GARY AVE. GARY AVE.	SCOTT DR. ROY AUTO INC. ROY AUTO INC. ARMY TRAIL RD.	N S N															553 37
23 23 23 23 23 23 23	GARY AVE. GARY AVE.	SCOTT DR. ROY AUTO INC. ROY AUTO INC.	N S															553

					2020	PAVEMENT	MARKING F	REMOVE AN	D REPLACE	- URETHANI	ON CONC	RETE					
NO.	HIGHWAY INTERSECTION		LF	LF	LF	LF	LF	LF	LF	LF	EA.	EA.	EA.	EA.	EA.	EA.	SF
			24" S.W	12" S.W.	8" SW	6" SW XW	6" SW TURN.	12" S.Y.	4 " S.Y.	4" SW	6" DASHES	ARROWS	ONLYS	THRU ARR	COMB. ARRO	"SCHOOL"	MEDIAN NOSES
23	GARY AVE. STARK DR.	w															
23	GARY AVE. STARK DR.	E															
23	GARY AVE. STARK DR.	s															
23	GARY AVE. NORTH AVE.	N	64	82	225		116		15			3	3				20
23	GARY AVE. NORTH AVE.	S	64	91	209		92										80
38	63rd ST. I-355 SB RAMPS	w															
38	63rd ST. I-355 SB RAMPS	E	39				119	55	720	270	11	2	2				
38	63rd ST. I-355 NB RAMPS	w	50				492		12			5	5				
38	63rd ST. I-355 NB RAMPS	E															
54	SWIFT RD. NORTH AVE	S															
54	SWIFT RD. NORTH AVE	N															
54	SWIFT RD. COLLINS AVE	S															225
	TOTAL		453	1140	845	0	2373	293	7049	1580	117	23	23	0	0	0	2287
	10.1.2	LENGTH (FT)	453	1140	845	-	2373	293	7049	1580	234	-		-	-	-	
		AREA (SQ FT)	-	-	-	-			-	-		358.8	478.4	-	-	-	2287
		REMOVAL AREA (SQ FT)	906	1140	563.3333	-	1186.5	293	2349.667	526.6667	117	358.8	478.4	-	-	-	2287

					2020 REM	OVAL ONLY	1				2	20 NEW 1	HERMOP	LASTIC STRIF	ING ON A	SPHALT		
NO. HIGHWAY IN	TERSECTION		LF	LF	LF	EA.	EA.	EA.	LF	LF	LF	LF	EA	EA.	EA.	EA.	LF	EA
			4" REM.	6" REM	12" REM	REM ARROW	REM ONLY	"SCHOOL"	NEW 12"	NEW 6" S.W.	NEW 24" S.W.	4"	RXR	"SCHOOL"	ARROW	ONLY	NEW 8" S.W.	6" DASH
2 HOBSON RD. OL	LESEN DR.	w		94					102									
2 HOBSON RD. OL	ESEN DR.	Е																
2 HOBSON RD. NA	APER BLVD.	w		177					180									
2 HOBSON RD. NA	APER BLVD.	Е		166					174									
2 HOBSON RD. GF	REENE RD.	w		117					108									
2 HOBSON RD. GF	REENE RD.	S							240									
2 HOBSON RD. GF	REENE RD.	E		146					138									
5 GLEN ELLYN RD. AR	RMITAGE AVE.	s		160					162									
5 GLEN ELLYN RD. AR	RMITAGE AVE.	N		154					156									
5 GLEN ELLYN RD. FU	JLLERTON AVE	S		152					156									
5 GLEN ELLYN RD. FU	JLLERTON AVE	N		147					150									
11 ARMY TRAIL RD. CL	LIPPER DR.	w		164					168									
		E		163					168									
		w		183					186									
		E		180					186									
		w																
		E		160					168									
14 EOLARD. DII	EHL RD.	N																
14 EOLARD. DII	EHL RD.	w																
14 EOLARD. DII	EHL RD.	s													1	1		
21 GENEVA RD. PR	RINCE CROSSING RD.	w																
21 GENEVARD. PR	RINCE CROSSING RD.	N		176					174									
21 GENEVA RD. PR	RINCE CROSSING RD.	E																
23 GARY AVE. SO	CHICK RD.	N		196					204									
		W																
		E		174 166				-	174 168									
		S		200					204									
		S																
		N		207					216	_				_				
TC	DTAL		0	3282	0	0	0	0	3582	0	0	0	0	0	1	1	0	0
	LENGTH (FT)	-	-	3282	-	-	-	-	3582	-	-	-	-	-	15.6	20.8	-	-
	AREA (SQ FT) REMOVAL AREA (SQ FT)		-	1641	-	-	-	-	3582	-	-	-	-	-	15.6	20.8	-	-
	KEMUVAL AREA (SQ FT)		-	1041	-	-	-	-	3582	_	-	-	-	-	15.0	۷.0∠	-	

			2020 SPR	AY THERMOPLA	ASTIC
NO.	HIGHWAY	INTERSECTION	LF	LF	EA
			4" SW	4 " S.Y.	4" SW SKIPS
1	PLAINFIELD-NAPERVILLE RD.	75th ST. TO 87th ST.		15492	183
2	HOBSON RD.	WASHINGTON ST. TO I-355		67600	450
5	MAIN ST.	ST. CHARLES RD. to NORTH AVE.		6884	221
5	GLEN ELLYN RD.	NORTH AVE. to N OF FULLERTON		13110	245
10	PROSPECT AVE.	IRVING PARK RD. to GRANVILLE AVE.	2685	15342	305
11	ARMY TRAIL RD.	GERBER to SCHMALE		27344	847
14	EOLA RD.	BUTTERFIELD RD. to NEW YORK ST.	950	37320	1015
21	GENEVA RD.	RTE. 59 to COUNTY FARM RD.	12418	24586	580
29	STEARNS RD.	W. COUNTY LINE - RTE. 59	22503	51954	735
31	87TH ST	COSTCO TO LEMONT		12332	245
38	63rd ST.	PRENTICE DR. TO W OF CASS AVE.	3550	39660	809
54	SWIFT RD.	ST. CHARLES RD. to COLLINS AVE.	8073	22314	
56	WOODWARD AVE	75th ST. to COSTCO	150	17906	410
		TOTAL	50329	351844	6045
		LENGTH (FT)	50329	351844	60450
		AREA (SQ FT)	-	-	-
		REMOVAL AREA (SQ FT)	16776.33333	117281.3333	20150

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**RETURN WITH BID** 

# ADDENDUM NO. 1 February 24, 2020 2020 PAVEMENT MARKING MAINTENANCE SECTION 20-PVMKG-08-GM

- 1. IN THE PROPOSAL/SPECIAL PROVISIONS, REPLACE THE SCHEDULE OF PRICES WITH THE ATTACHED SCHEDULE OF PRICES.
- 2. IN THE PROPOSAL/SPECIAL PROVISIONS, REPLACE THE SUMMARY OF QUANTITIES WITH THE ATTACHED SUMMARY OF QUANTITIES.

By Order of County of DuPage

(Awarding Authority)

Christopher C. Snyder, P.E.
County Engineer

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#### **RETURN WITH BID**



#### **SCHEDULE OF PRICES**

County: **DuPage** 

Local Public Agency: DuPage County DOT

Section: 20-PVMKG-08-GM

Route: Various

#### **Schedule for Multiple Bids**

Combination Letter	Sections included in Combinations	Total

#### Schedule for Single Bid

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

Bidder's proposal for making entire improvements

		1			
Item No.	Items		Quantity	Unit Price	Total
1	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS		22200		
2	THERMOPLASTIC PAVEMENT MARKING - LINE 4"		19000		
3	THERMOPLASTIC PAVEMENT MARKING - LINE 6"		81250		
4	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	8000		
5	THERMOPLASTIC PAVEMENT MARKING - LINE 12"		45400		
6	THERMOPLASTIC PAVEMENT MARKING - LINE 24"		8200		
7	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	494000		
8	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1000		
9	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	9000		
10	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	3000		
11	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	950		
12	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1600		
13	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	550		
14	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	131500		
15	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	500		
16	REPLACEMENT REFLECTOR	EACH	500		
17	TRAFFIC CONTROL AND PROTECTION	L SUM	1		
18	MODIFIED URETHANE PAVEMENT MARKING - RAISED MEDIAN	SQ FT	3000		
19	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		
20	RAILROAD FLAGGER	DOLLARS	3000	1.00	3,000.00

**SUMMARY OF QUANTITIES** 

Section: 20-PVMKG-08-GM

Route: Various

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Item No.	Items	Unit	Quantity	REMOVE & REPLACE	REMOVAL ONLY	NEW MARKINGS	"OTHER" OR NOMINAL
1	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	22200	20348.6			1851.6
2	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19000	7852			11148
3	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	81250	76497			4753
4	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	8000	7868			132
5	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	45400	39866.63		3582	1951
6	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	8200	7781			419
7	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	494000	462623			31377
8	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1000	837.2		36.4	126
9	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	9000	8629			371
10	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	3000	2607			393
11	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	950	845			105
12	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1600	1433			167
13	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	550	453			97
14	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	131500	121888.4	1641		7970.5
15	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	500				500
16	REPLACEMENT REFLECTOR	EACH	500				500
17	TRAFFIC CONTROL AND PROTECTION	L SUM	1				1
18	MODIFIED URETHANE PAVEMENT MARKING - RAISED MEDIAN	SQ FT	3000	2287			713

<sup>\*</sup> DESIGNATES SPECIALTY ITEM ( NONE DESIGNATED )

TOTAL QUANTITIES MAY BE ROUNDED

 $\Delta$  - NOMINAL ADDITIONAL QUANTITY FOR BIDDING PURPOSES (ASSUME SMALL QUANTITIES AT ANY SINGLE LOCATION)