



Illinois Department of Transportation

Local Public Agency Formal Contract Proposal

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street	P.O. Box	
City	State	Zip Code

STATE OF ILLINOIS
 COUNTY OF WILL
CITY OF JOLIET
 (Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF
 STREET NAME OR ROUTE NO. 2020 PAVEMENT MARKING PROGRAM
 SECTION NO. 20-00529-00-ST
 TYPES OF FUNDS MFT

SPECIFICATIONS (required) PLANS (required)

For Municipal Projects
 Submitted/Approved/Passed

 Mayor President of Board of Trustees Municipal Official
March 25, 2020
 Date

Department of Transportation
 Released for bid based on limited review

 Regional Engineer

 Date

For County and Road District Projects
 Submitted/Approved

 Highway Commissioner

 Date
 Submitted/Approved

 County Engineer/Superintendent of Highways

 Date




Date Sealed March 24, 2020

Date Expires November 30, 2021

RETURN WITH BID

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

RETURN WITH BID

NOTICE TO BIDDERS

County WILL
Local Public Agency JOLIET
Section Number 20-00529-00-ST
Route VARIOUS

Sealed proposals for the improvement described below will be received at the office of CITY CLERK,
150 W. JEFFERSON ST, JOLIET IL 60432 until 10:00 AM on April 24, 2020

Sealed proposals will be opened and read publicly at the office of CITY CLERK, CITY OF JOLIET
150 W. JEFFERSON ST, JOLIET IL 60432 at 10:00 AM on April 24, 2020

DESCRIPTION OF WORK

Name 2020 PAVEMENT MARKING PROGRAM Length: feet (miles)
Location CITY OF JOLIET
Proposed Improvement REPLACEMENT OF THERMOPLASTIC AND MODIFIED URETHANE PAVEMENT MARKINGS AT
VARIOUS LOCATIONS WITHIN THE CITY OF JOLIET

1. Plans and proposal forms will be available in the office of CITY CLERK'S OFFICE, CITY OF JOLIET
150 W. JEFFERSON STREET, JOLIET, ILLINOIS 60432 FOR \$0.00; RUSSELL LUBASH (815) 724-4200

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

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

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
a. BLR 12200: Local Public Agency Formal Contract Proposal
b. BLR 12200a Schedule of Prices
c. BLR 12230: Proposal Bid Bond (if applicable)
d. BLR 12325: Apprenticeship or Training Program Certification (do not use for federally funded projects)
e. BLR 12326: Affidavit of Illinois Business Office

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

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

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

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

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

RETURN WITH BID

PROPOSAL

County	<u>WILL</u>
Local Public Agency	<u>CITY OF JOLIET</u>
Section Number	<u>20-00529-00-ST</u>
Route	<u>VARIOUS</u>

1. Proposal of _____

for the improvement of the above section by the construction of NEW PAVEMENT MARKINGS

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 N/A 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 11/01/2020 unless additional time is granted in accordance with the specifications.

6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

CITY OF JOLIET Treasurer of _____

The amount of the check is _____ (_____).

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 _____ be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.

9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.

10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.

12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.



SCHEDULE OF PRICES

A bid will be declared unacceptable if neither a unit price nor total price is shown.

County WILL
 Local Public Agency CITY OF JOLIET
 Section 20-00529-00-ST
 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:

Item No.	Items	Unit	Quantity	Unit Price	Total
1	THERMOPLASTIC PAVEMENT MARKING LINE - 4"	LIN FT	180000		
2	THERMOPLASTIC PAVEMENT MARKING LINE - 6"	LIN FT	20000		
3	THERMOPLASTIC PAVEMENT MARKING LINE - 12"	LIN FT	7000		
4	THERMOPLASTIC PAVEMENT MARKING LINE - 24"	LIN FT	2500		
5	THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS	SQ FT	3500		
6	MODIFIED URETHANE PAVEMENT MARKING LINE - 4"	LIN FT	10000		
7	MODIFIED URETHANE PAVEMENT MARKING LINE - 6"	LIN FT	2000		
8	MODIFIED URETHANE PAVEMENT MARKING LINE - 12"	LIN FT	500		
9	MODIFIED URETHANE PAVEMENT MARKING LINE - 24"	LIN FT	300		
10	MODIFIED URETHANE PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1000		
11	PAVEMENT MARKING REMOVAL (FOR LINES, LETTERS OR SYMBOLS)	SQ FT	3500		
12	RAISED REFLECTIVE PAVEMENT MARKER	EACH	100		
13	REPLACEMENT REFLECTOR	EACH	250		
14	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	50		
15	GROOVING FOR RECESSED PAVEMENT MARKING LINE, 5"	LIN FT	15000		
16	GROOVING FOR RECESSED PAVEMENT MARKING LINE, 7"	LIN FT	1000		
17	TRAFFIC CONTROL AND PROTECTION STANDARD 701501	L SUM	1		
18	TRAFFIC CONTROL AND PROTECTION STANDARD 701502	L SUM	1		
19	TRAFFIC CONTROL AND PROTECTION STANDARD 701601	L SUM	1		
20	TRAFFIC CONTROL AND PROTECTION STANDARD 701602	L SUM	1		
21	TRAFFIC CONTROL AND PROTECTION STANDARD 701606	L SUM	1		
22	TRAFFIC CONTROL AND PROTECTION STANDARD 701701	L SUM	1		
23	TRAFFIC CONTROL AND PROTECTION STANDARD 701801	L SUM	1		

CONTRACTOR CERTIFICATIONS

County	<u>WILL</u>
Local Public Agency	<u>CITY OF JOLIET</u>
Section Number	<u>20-00529-00-ST</u>
Route	<u>VARIOUS</u>

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

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

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

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

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

RETURN WITH BID

SIGNATURES

County WILL
Local Public Agency CITY OF JOLIET
Section Number 20-00529-00-ST
Route VARIOUS

(If an individual)

Signature of Bidder _____
Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Inset Names and Addressed of All Partners

} _____

(If a corporation)

Corporate Name _____

Signed By _____

President

Business Address _____

Inset Names of Officers

} President _____
Secretary _____
Treasurer _____

Attest: _____
Secretary



Return with Bid

Route	<u>VARIOUS</u>
County	<u>WILL</u>
Local Agency	<u>JOLIET</u>
Section	<u>20-00529-00-ST</u>

All contractors are required to complete the following certification:

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

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

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

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

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

Bidder: _____

By: _____
(Signature)

Address: _____

Title: _____



**Illinois Department
of Transportation**

Affidavit of Illinois Business Office

County WILL
Local Public Agency JOLIET
Section Number 20-00529-00-ST
Route VARIOUS

State of _____)
County of _____) ss.

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

being first duly sworn upon oath, states as follows:

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

(Signature)

(Print Name of Affiant)

This instrument was acknowledged before me on _____ day of _____, _____.

(SEAL)

(Signature of Notary Public)



Route VARIOUS
County WILL
Local Agency JOLIET
Section 20-00529-00-ST

RETURN WITH BID

PAPER BID BOND

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

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

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

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

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

Principal

(Company Name)
By: _____ (Signature and Title)

Surety

By: _____ (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,
COUNTY OF _____
I, _____, a Notary Public in and for said county,
do hereby certify that _____
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

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

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

My commission expires _____ (Notary Public)

ELECTRONIC BID BOND

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

Electronic Bid Bond ID Code

(Company/Bidder Name)

(Signature and Title)

Date



Illinois Department of Transportation

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

Affidavit of Availability For the Letting of _____

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						
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						
Total Value of All Work						

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

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

						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						
Signing						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
						\$ 0.00
Totals						

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

Part III. Work Subcontracted to Others.

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

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

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 Name _____
Officer or Director Title

Signed _____

 Notary Public

My commission expires _____

(Notary Seal)

Company _____

Address _____



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

Recurring Special Provisions

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

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

Local Roads And Streets Recurring Special Provisions

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

BDE SPECIAL PROVISIONS
For the April 24, 2020 and June 12, 2020 Lettings

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

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

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

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

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

The following special provisions have been deleted from use.

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

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

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



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Maureen M. Addis *MAA*
Subject: Special Provision for Grooving for Recessed Pavement Markings
Date: August 4, 2017

This special provision was developed by the Bureau of Operations to create a statewide specification for installing a pavement groove for recessed pavement markings that provides for improved durability of pavement marking materials. It has been revised to reduce the offset of the groove from longitudinal joints and to reduce the waiting time for new HMA pavements from 14 to ten days.

This special provision should be inserted into contracts where the grooving of pavement marking materials has been specified.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the November 17, 2017 and subsequent lettings. The Project Development and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory August 4, 2017.

80304m

GROOVING FOR RECESSED PAVEMENT MARKINGS (BDE)

Effective: November 1, 2012

Revised: November 1, 2017

Description. This work shall consist of grooving the pavement surface in preparation for the application of recessed pavement markings.

Equipment. Equipment shall be according to the following.

- (a) Preformed Plastic Pavement Marking Installations. The grooving equipment shall have a free-floating saw blade cutting head equipped with gang-stacked diamond saw blades. The diamond saw blades shall be of uniform wear and shall produce a smooth textured surface. Any ridges in the groove shall have a maximum height of 15 mils (0.38 mm).
- (b) Liquid and Thermoplastic Pavement Marking Installations. The grooving equipment shall be equipped with either a free-floating saw blade cutting head or a free-floating grinder cutting head configuration with diamond or carbide tipped cutters and shall produce an irregular textured surface.

CONSTRUCTION REQUIREMENTS

General. The Contractor shall supply the Engineer with a copy of the pavement marking material manufacturer's recommendations for constructing a groove.

Pavement Grooving Methods. The grooves for recessed pavement markings shall be constructed using the following methods.

- (a) Wet Cutting Head Operation. When water is required or used to cool the cutting head, the groove shall be flushed with high pressure water immediately following the cut to avoid build up and hardening of slurry in the groove. The pavement surface shall be allowed to dry for a minimum of 24 hours prior to the final cleaning of the groove and application of the pavement marking material.
- (b) Dry Cutting Head Operation. When used on HMA pavements, the groove shall be vacuumed or cleaned by blasting with high-pressure air to remove loose aggregate, debris, and dust generated during the cutting operation. When used on PCC pavements, the groove shall be flushed with high pressure water or shot blasted to remove any PCC particles that may have become destabilized during the grooving process. If high pressure water is used, the pavement surface shall be allowed to dry for a minimum of 24 hours prior to the final cleaning of the groove and application of the pavement marking material.

Pavement Grooving. Grooving shall not cause ravels, aggregate fractures, spalling or disturbance of the joints to the underlying surface of the pavement. Grooves shall be cut into

the pavement prior to the application of the pavement marking material. Grooves shall be cut such that the width is 1 in. (25 mm) greater than the width of the pavement marking line as specified on the plans. Grooves for letters and symbols shall be cut in a square or rectangular shape so that the entire marking will fit within the limits of the grooved area. The position of the edge of the grooves shall be a minimum of 2 in. (50 mm) from the edge of all longitudinal joints. The depth of the groove shall not be less than the manufacturer's recommendations for the pavement marking material specified, but shall be installed to a minimum depth of 110 mils (2.79 mm) and a maximum depth of 200 mils (5.08 mm) for pavement marking tapes thermoplastic markings and a minimum depth of 40 mils (1.02 mm) and a maximum depth of 80 mils (2.03 mm) for liquid markings. The cutting head shall be operated at the appropriate speed in order to prevent undulation of the cutting head and grooving at an inconsistent depth.

At the start of grooving operations, a 50 ft (16.7 m) test section shall be installed and depth measurements shall be made at 10 ft (3.3 m) intervals within the test section. The individual depth measurements shall be within the allowable ranges according to this Article. If it is determined the test section has not been grooved at the appropriate depth or texture, adjustments shall be made to the cutting head and another 50 ft (16.7 m) test section shall be installed and checked. This process shall continue until the test section meets the requirements of this Article.

For new HMA pavements, grooves shall not be installed within 10 days of the placement of the final course of pavement.

Final Cleaning. Immediately prior to the application of the pavement marking material or primer sealer, the groove shall be cleaned with high-pressure air blast.

Method of Measurement. This work will be measured for payment in place, in feet (meter) for the groove width specified.

Grooving for letter, numbers and symbols will be measured in square feet (square meters).

Basis of Payment. This work will be paid for at the contract unit price per foot (meter) for GROOVING FOR RECESSED PAVEMENT MARKING of the groove width specified, and per square foot (square meter) for GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS.

The following shall only apply when preformed plastic pavement markings are to be recessed:

Add the following paragraph after the first paragraph of Article 780.07 of the Standard Specifications.

"The markings shall be capable of being applied in a grooved slot on new and existing portland cement concrete and HMA surfaces, by means of a pressure-sensitive, precoated adhesive, or liquid contact cement which shall be applied at the time of installation. A primer sealer shall be applied with a roller and shall cover and seal the entire bottom of the groove.

The primer sealer shall be recommended by the manufacturer of the pavement marking material and shall be compatible with the material being used. The Contractor shall install the markings in the groove as soon as possible after the primer sealer cures according to the manufacturer's recommendations. The markings placed in the groove shall be rolled and tamped into the groove with a roller or tamper cart cut to fit the groove and loaded with or weighing at least 200 lb (90kg). Vehicle tires shall not be used for tamping. The Contractor shall roll and tamp the material with a minimum of 6 passes to prevent easy removal or peeling."

80304

TRAFFIC CONTROL PLAN

Effective: September 30, 1985

Revised: January 1, 2007

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

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

The Contractor shall contact the District One Bureau of Traffic at least 72 hours in advance of beginning work.

STANDARDS:

The following Standards apply to this contract and are included in the Contract Proposal:

701311-03

701501-06

701502-09

701601-09

701602-10

701606-10

701701-10

701801-06

701901-08

780001-05

DETAILS:

District One Typical Pavement Markings

Typical Applications – Raised Reflective Pavement Markings (Snow Plow Resistant)

SPECIAL PROVISIONS:

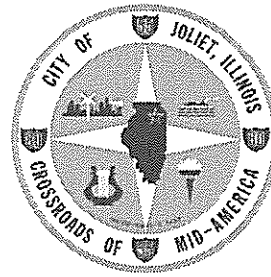
LRS 3

LRS 4

**DEPARTMENT OF
PUBLIC WORKS**

815-724-4200 Direct
815-723-7770 Fax

CITY OF



JOLIET

GENERAL CONTRACTOR

RE: 2020 CONSTRUCTION PROJECTS

150 WEST JEFFERSON STREET
JOLIET, ILLINOIS 60432-4158

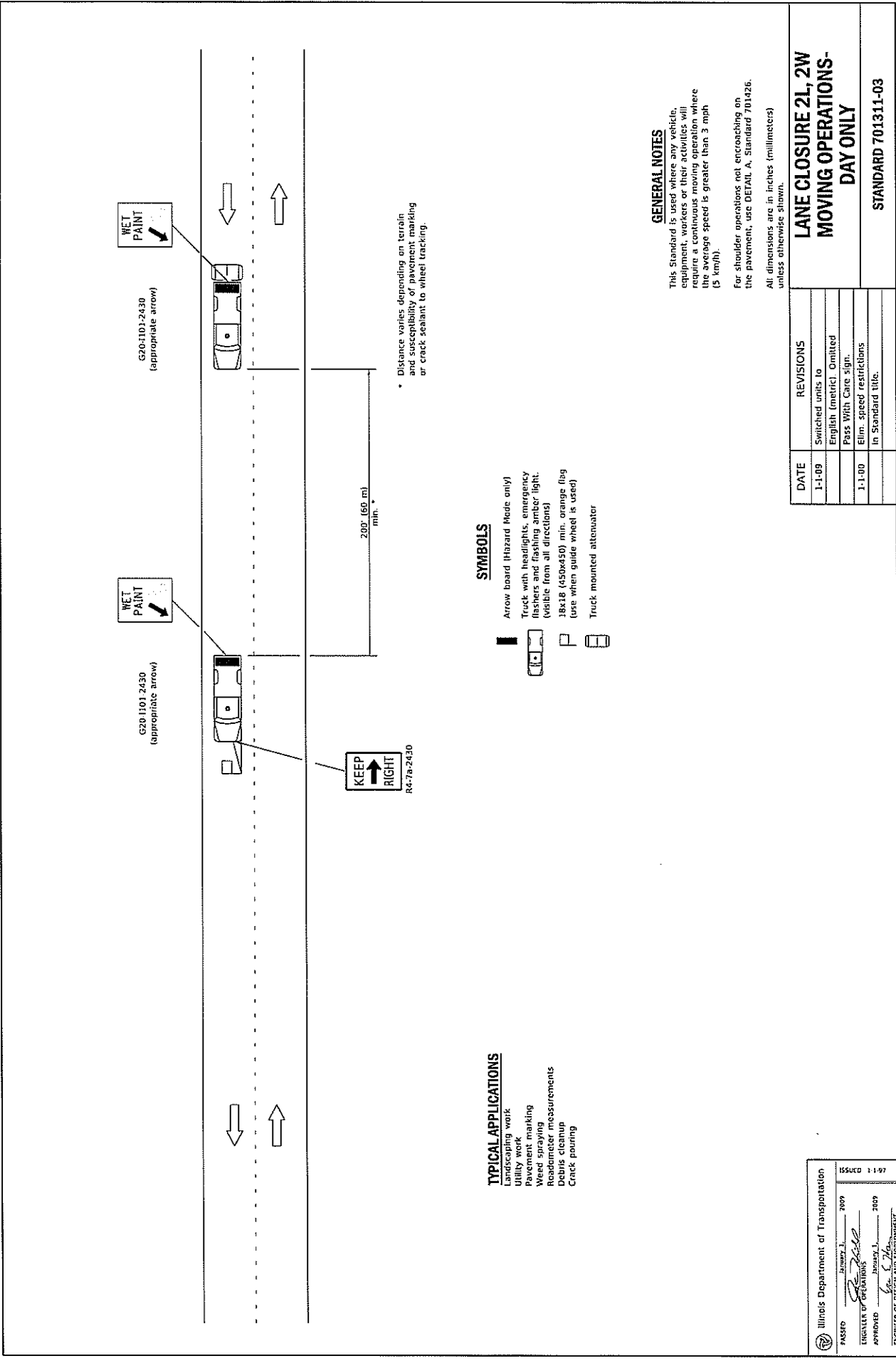
Dear General Contractor:

The City of Joliet currently has specifications, which require ten (10%) percent minority participation in contracts over \$100,000.00. In an effort to track this information letter, the City of Joliet will be requiring all GENERAL CONTRACTS to submit to a complete list of sub-contractors they intend to use on the awarded project at the pre-construction meeting. The issuance of this sub-contractor list will help the City ensure that minority requirements are met as well as prevailing wages. The sub-contractor list should include the dollar amount or percentage of this contract for the work the sub-contractor is responsible. I.D.O.T. for BC 260-A is an example of such an acceptable form. In addition, the specification states that monthly certified payroll records are to be submitted to the Engineer. This will also be enforced for the upcoming construction season.

The City of Joliet appreciates your effort throughout the years and looks forward to working with you in the upcoming construction season.

James R. Trizna
Public Works Director

Allison Swisher
Director of Public Utilities



WET PAINT
↓

WET PAINT
↓

G20-1107-2430
(appropriate arrow)

G20-1107-2430
(appropriate arrow)

KEEP RIGHT
↑

200' (60 m)
min.

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

TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Pavement marking
- Seal spraying
- Rebar placement
- Debris cleanup
- Crack pouring

SYMBOLS

- Arrow board (Hazard Made only)
- Truck with headlights, emergency flashers and flashing amber light (visible from all directions)
- 18x18 (450x450) min. orange flag (one when guide wheel is used)
- Truck mounted attenuator

GENERAL NOTES

This Standard is used where any vehicle, equipment, workers or their activities will require a continuous moving operation where the average speed is greater than 3 mph (5 km/h).

For shoulder operations not encroaching on the pavement, use DETAIL A, Standard 701426. All dimensions are in inches (millimeters) unless otherwise shown.

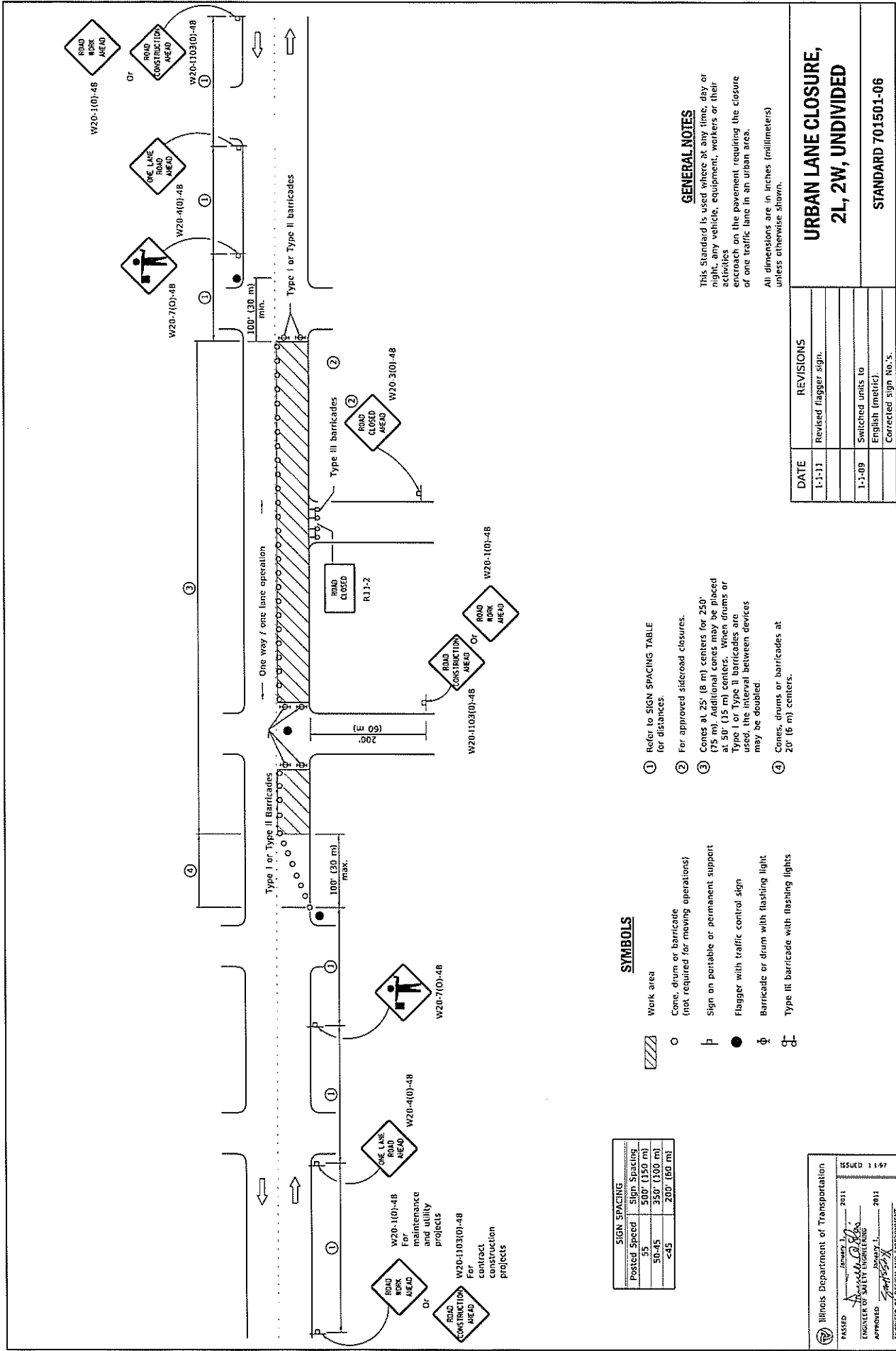
DATE	REVISIONS
1-1-09	Switched units to English (Metric). Omitted
1-1-00	Pass With Care sign. Elim. speed restrictions in Standard title.

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

STANDARD 701311-03

ISSUED 1-1-97

Illinois Department of Transportation
 PASSED January 1, 2009
 ENGINEER OF OPERATIONS
 APPROVED January 1, 2009
 ENGINEER OF DESIGN AND ENVIRONMENT



GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

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

① Refer to SIGN SPACING TABLE for distances.

② For approved sidedress closures.

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

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

SYMBOLS

Work area



Cone, drum or barricade (not required for moving operations)



Sign on portable or permanent support



Flagger with traffic control sign



Barricade or drum with flashing light



Type III barricade with flashing lights



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

W20-103(0)-48 For maintenance and utility projects

W20-4(0)-48

W20-103(0)-48 For contract construction projects

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

**URBAN LANE CLOSURE,
2L, 2W, UNDIVIDED**

STANDARD 70-150-1-06

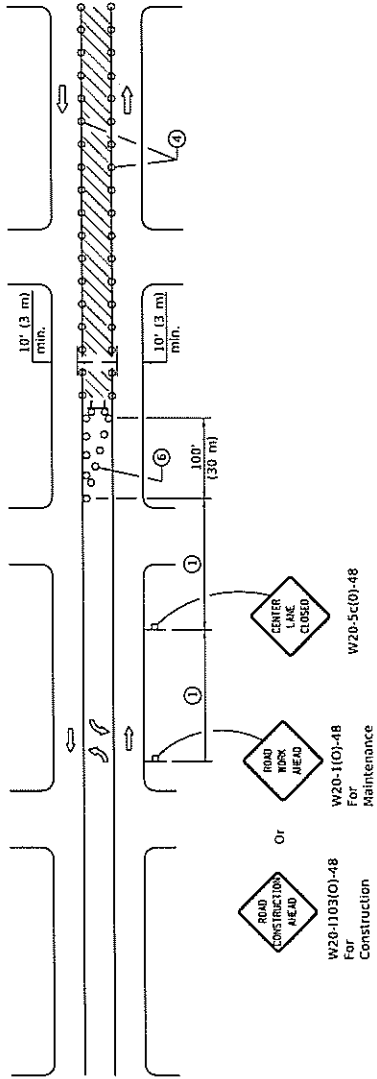
Illinois Department of Transportation

ISSUED: 1-197

PASSED: January 3, 2011

APPROVED: [Signature] 2011
ENGINEER OF SAFETY ENGINEERING

APPROVED: [Signature] 2011
ENGINEER OF DESIGN AND ENVIRONMENT



CASE I

(Signs required for both directions)

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

- 1 Refer to SIGN SPACING TABLE for distances.
- 2 Required for speeds > 40 mph (70 km/h).
- 3 Required if work exceeds 500 (164 m) or 1 block.
- 4 Cones at 25' (8 m) centers for 250' (75 m) on approach. Additional cones may be placed at 30' (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.
- 6 Cones, drums or barricades at 20' (6 m) centers in taper.
- 7 Use flagger sign only when flagger is present.

SYMBOLS

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

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 701301.

Calculate L as follows:

SPEED LIMIT

English (Metric)

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

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

W = Width of offset in feet (meters).

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

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

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

STANDARD 701502-09

(Sheet 1 of 2)

Illinois Department of Transportation

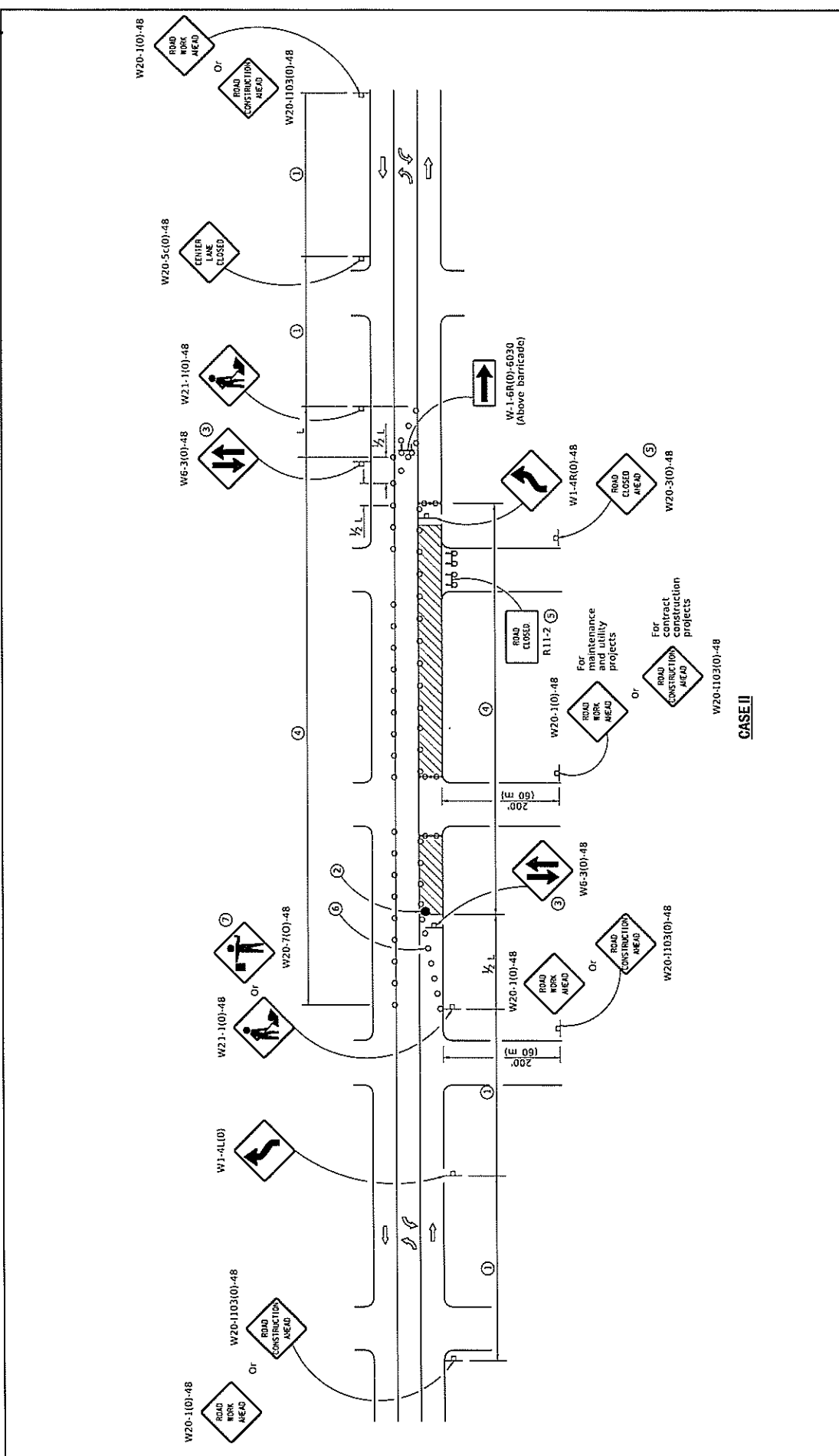
ISSUED 1-1-01

APPROVED January 1, 2019

APPROVED [Signature] ENGINEER OF SAFETY PROGRAMS AND ENGINEERING

APPROVED [Signature] January 1, 2019

ENGINEER OF TRAFFIC AND ENVIRONMENT



**URBAN LANE CLOSURE,
2L, 2W, WITH BIDIRECTIONAL
LEFT TURN LANE**
[Sheet 2 of 2]

STANDARD 701502-09

Illinois Department of Transportation

ISSUED 11-01

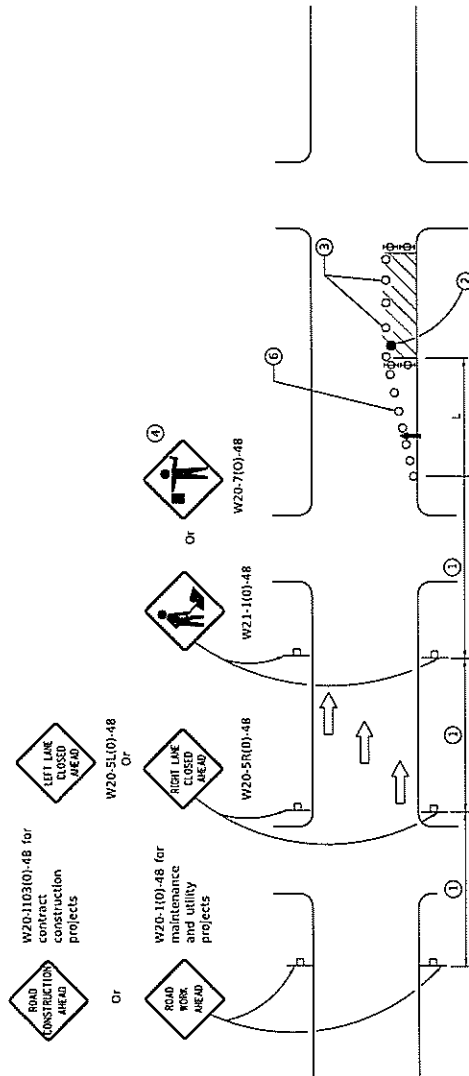
APPROVED January 1, 2019

APPROVED January 1, 2019

ENGINEER OF SAFETY AND ENGINEERING

ENGINEER OF DESIGN AND ENVIRONMENT

CASE II



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

SYMBOLS

- ↑ Arrow board
- Cone, drum or barricade
- ▭ Sign on portable or permanent support
- ▨ Work area
- ⊕ 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)	$L = \frac{WS^2}{60}$
or less:	$L = \frac{WS^2}{150}$
45 mph (80 km/h)	$L = 1W(S)$
or greater:	$L = 0.65W(S)$

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

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

STANDARD 701601-09

Illinois Department of Transportation

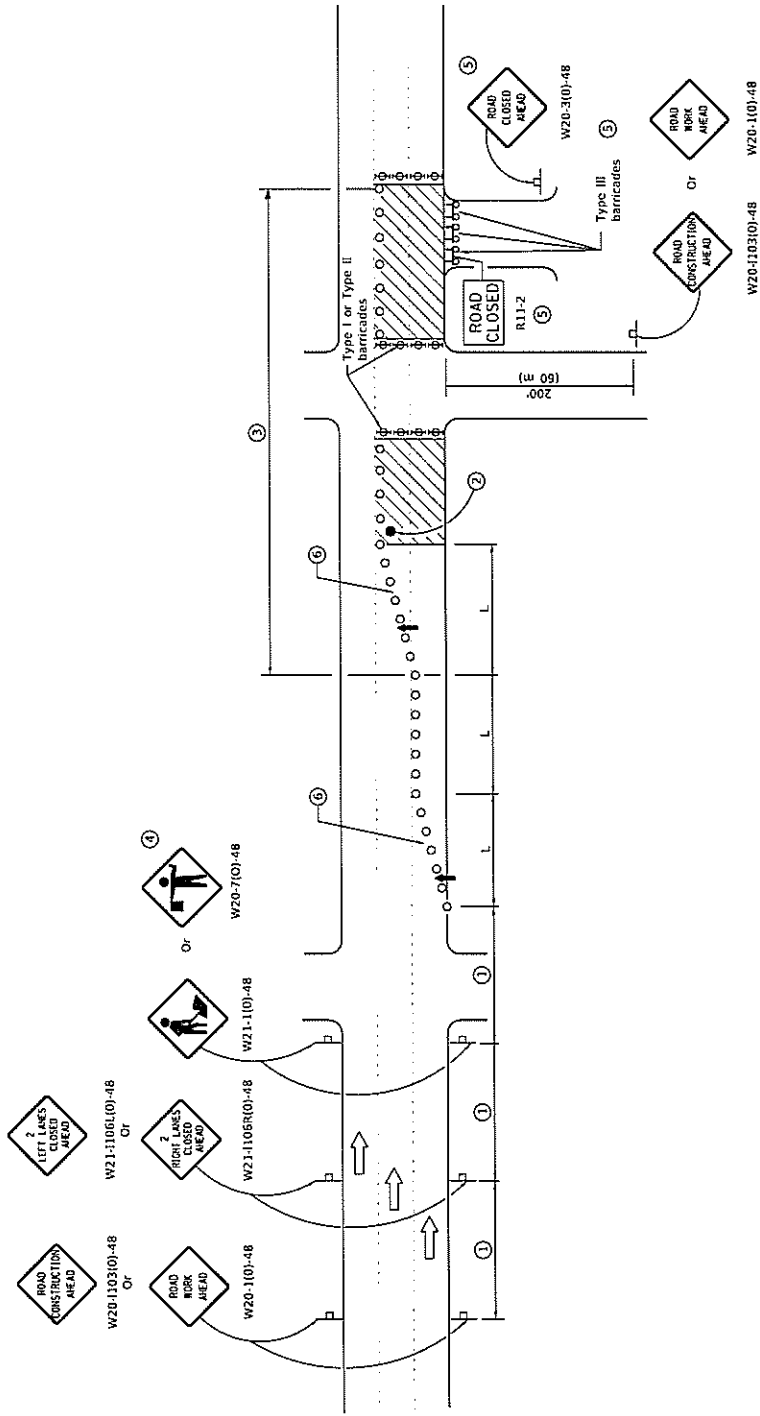
PASSED January 2014

APPROVED January 2014

ENGINEER OF SAFETY ENGINEERING

ISSUED 1-1-97

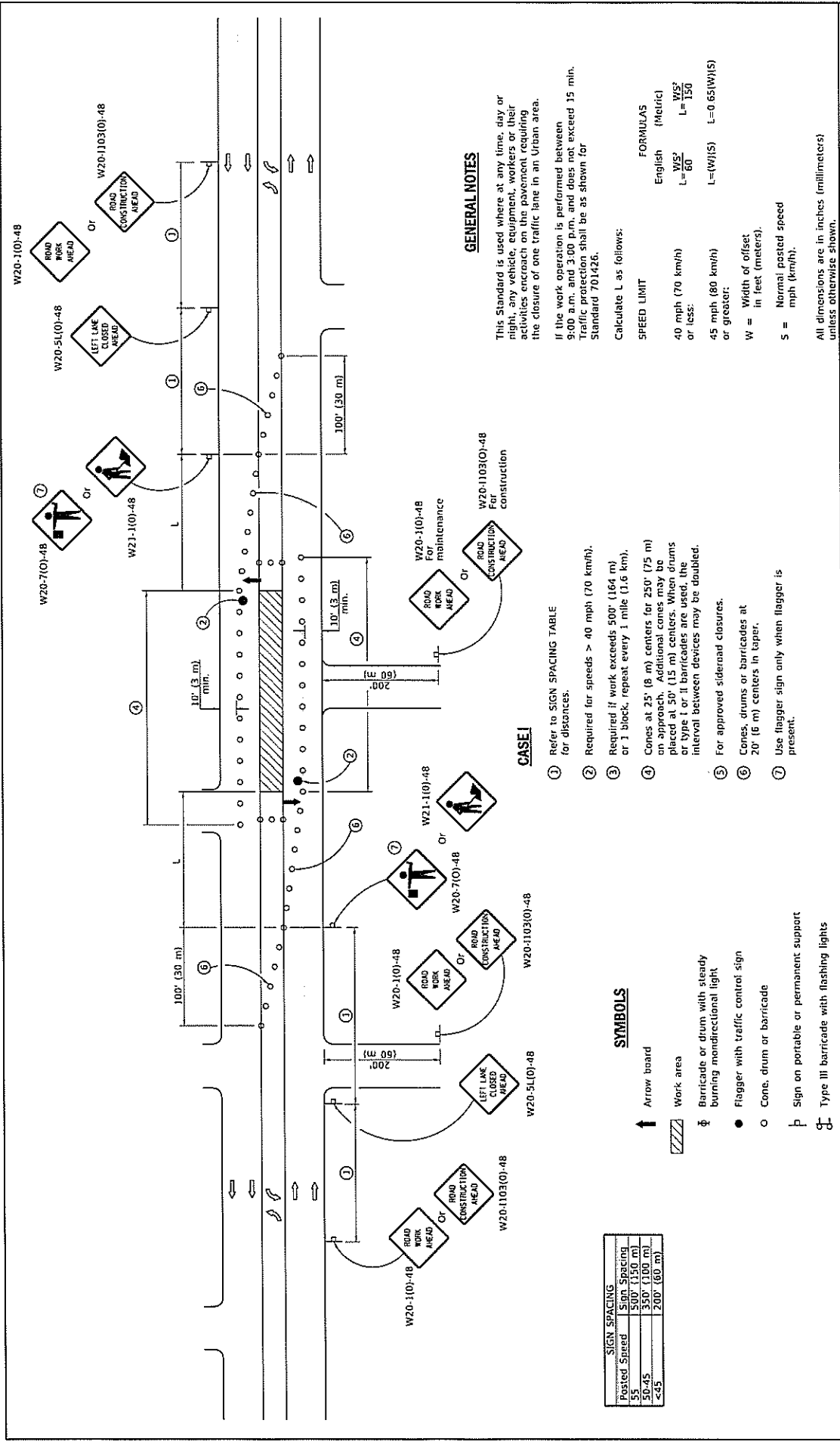
ENGINEER OF RESTA AND ENVIRONMENT



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

STANDARD 701601-09

Illinois Department of Transportation
 ISSUED 1-1-97
 PASSED January 2014
 ENGINEER OF SAFETY
 APPROVED JANEY J. ROBERTS, 2014
 ENGINEER OF DESIGN AND ENVIRONMENT



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

SYMBOLS

- ↑ Arrow board
- ▨ Work area
- ⊕ Barricade or drum with steady burning monidirectional light
- Flagger with traffic control sign
- Cone, drum or barricade
- ⊥ Sign on portable or permanent support
- ⊠ Type III barricade with flashing lights

CASE I

- 1 Refer to SIGN SPACING TABLE for distances.
- 2 Required for speeds > 40 mph (70 km/h).
- 3 Required if work exceeds 500' (164 m) or 1 block, repeat every 1 mile (1.6 km).
- 4 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.
- 6 Cones, drums or barricades at 20' (6 m) centers in taper.
- 7 Use flagger sign only when flagger is present.

GENERAL NOTES

This Standard is used where, at any time, day or night, any vehicle, equipment, workers or their activities encroach the pavement requiring the closure of one traffic lane in an Urban area.

If the work operation is performed between 9:00 a.m. and 3:00 p.m. and does not exceed 15 min. Traffic protection shall be as shown for Standard 701426.

Calculate L as follows:

SPEED LIMIT

English (Metric)

40 mph (70 km/h) WS^2 $L=60$

or less: $L=60$

45 mph (80 km/h) WS^2 $L=150$

or greater: $L=(W)(S)$ $L=0.65(W)(S)$

W = Width of offset in feet (meters).

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

DATE	REVISIONS
1-1-19	Revised to allow cones at night.
1-1-18	Moved arrow boards into closed lanes for CASE I.

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

STANDARD 701602-10

(Sheet 1 of 4)

Illinois Department of Transportation

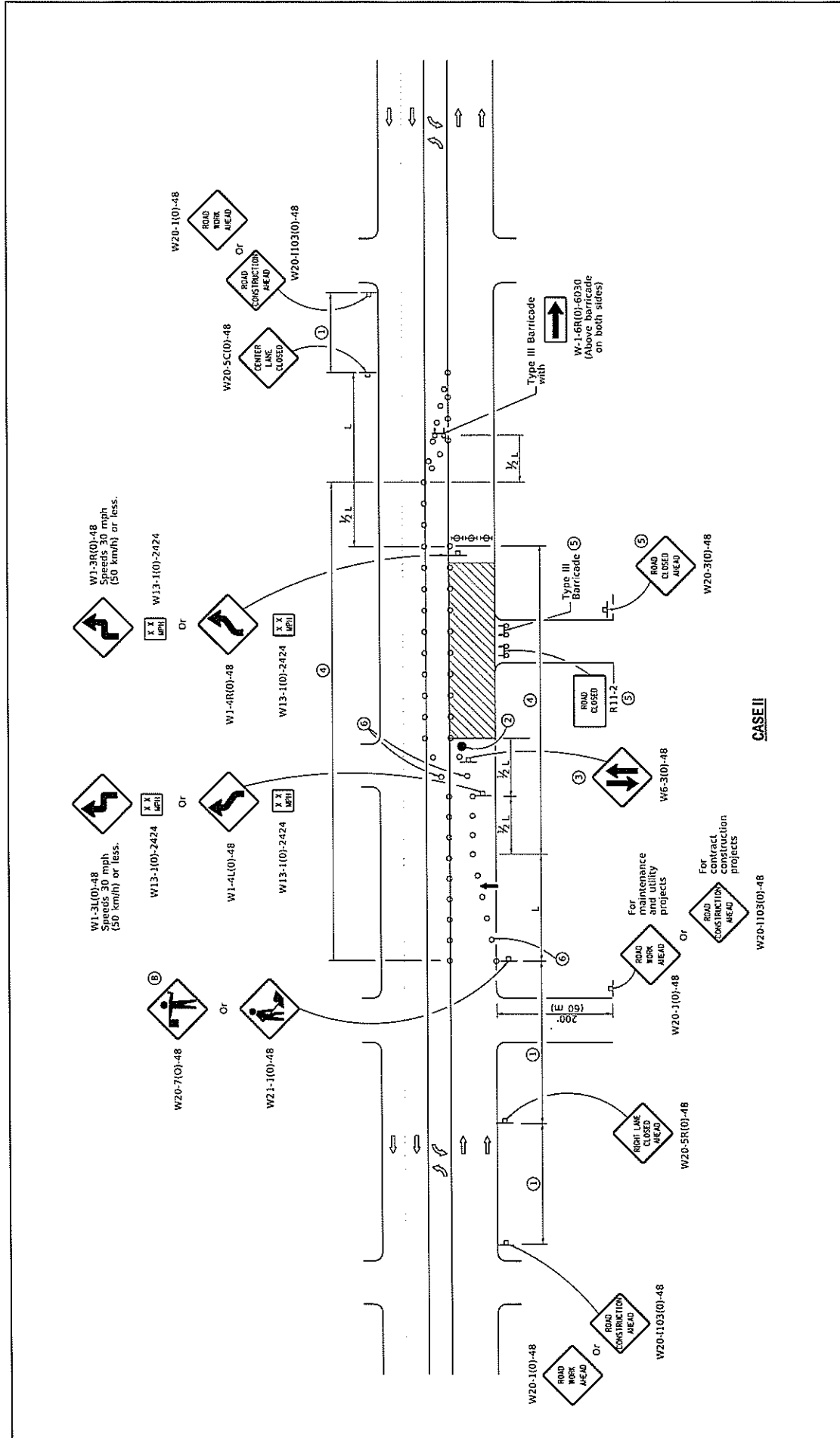
ISSUED 1-1-13

APPROVED January 1, 2019

ENGINEER OF SAFETY PROC. AND ENGINEERING

APPROVED January 1, 2019

ENGINEER OF DESIGN AND ENVIRONMENT

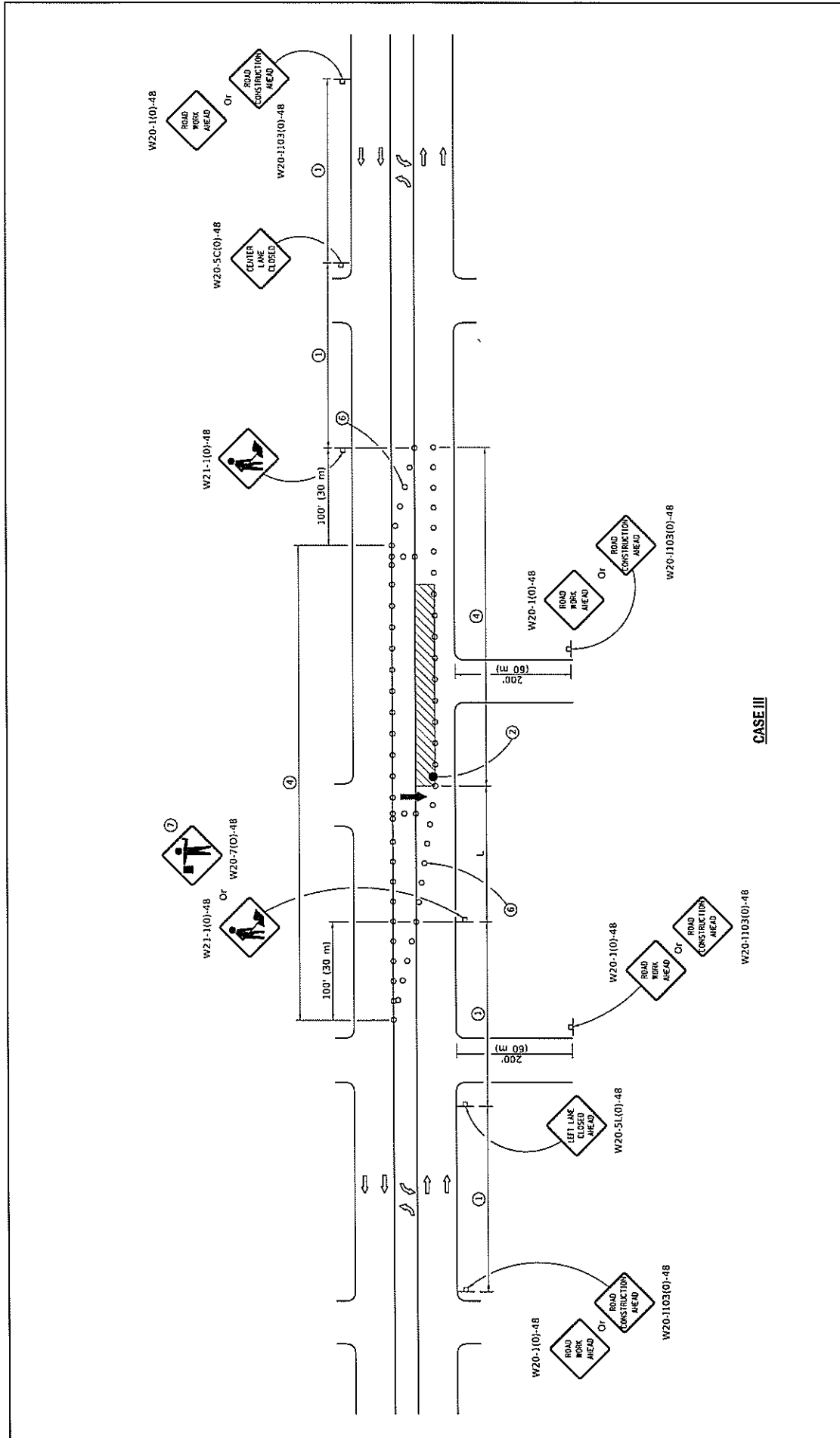


CASE II

**URBAN LANE CLOSURE,
MULTILANE, 2W WITH
BIDIRECTIONAL LEFT TURN LANE**
(Sheet 2 of 4)

STANDARD 701602-10

Illinois Department of Transportation		ISSUED 1-1-13	
APPROVED	January 1, 2019	APPROVED	January 1, 2019
 ENGINEER OF SAFETY		 ENGINEER OF DESIGN AND ENVIRONMENT	

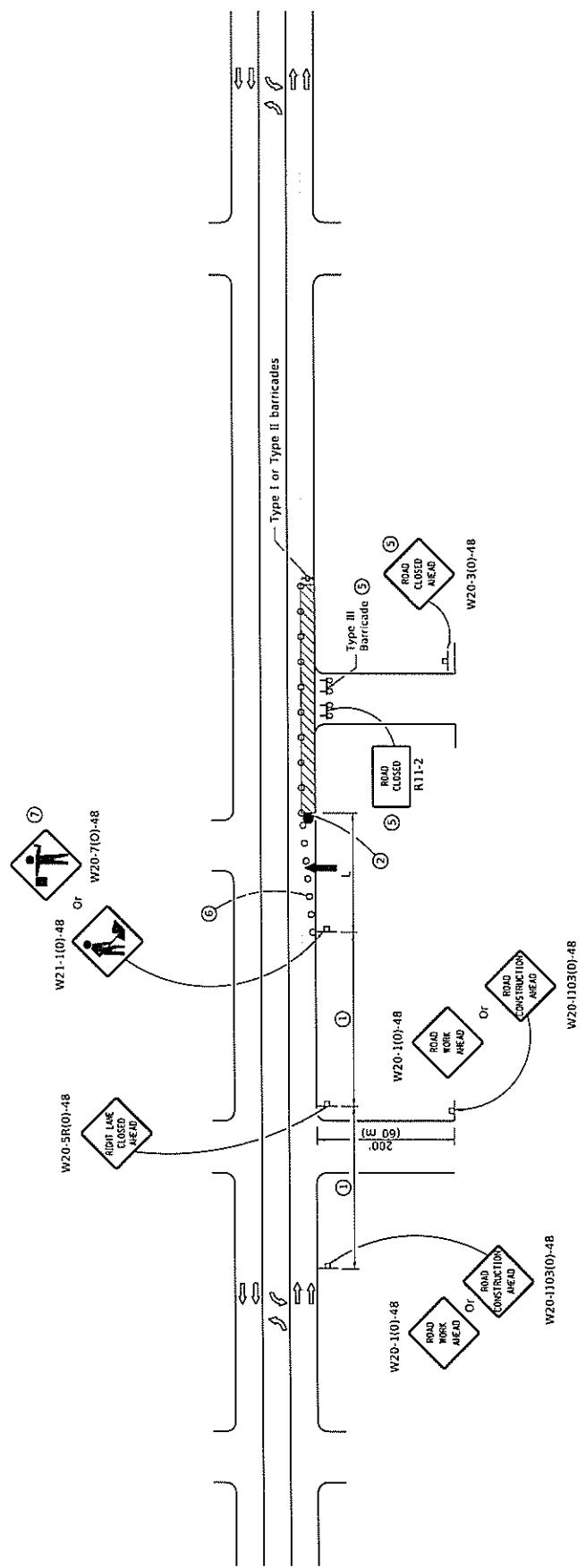


**URBAN LANE CLOSURE,
MULTILANE, 2W WITH
BIDIRECTIONAL LEFT TURN LANE**
(Sheet 3 of 4)

STANDARD 701602-10

Illinois Department of Transportation Approved: <i>[Signature]</i> January 1, 2019 ENGINEER OF SAFETY FOR ROAD AND ENGINEERING	ISSUED 1 1 13
	Approved: <i>[Signature]</i> January 1, 2019 ENGINEER OF DESIGN AND ENVIRONMENT

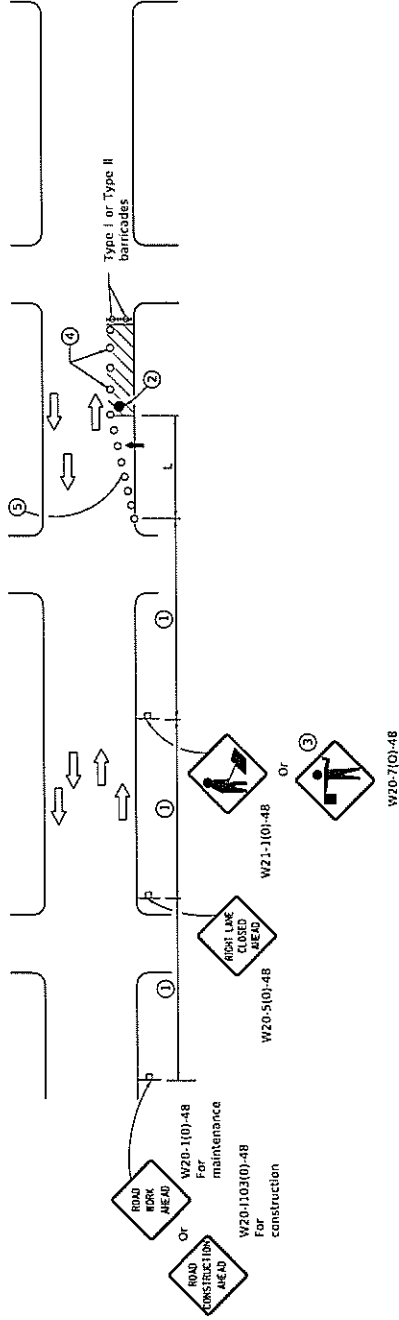
**URBAN LANE CLOSURE,
MULTILANE, 2W WITH
BIDIRECTIONAL LEFT TURN LANE**
(Sheet 4 of 4)
STANDARD 701602-10



CASE IV

Illinois Department of Transportation
 APPROVED: [Signature] January 1, 2019
 ENGINEER OF SAFETY PRACTICE AND ENGINEERING
 APPROVED: [Signature] January 1, 2019
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1 1 13



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

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

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

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

SYMBOLS

- ↑ Arrow board
- Cone, drum or barricade
- ⊥ Sign on portable or permanent support
- ▨ Work area
- ⊕ Barricade or drum with flashing light
- Flagger with traffic control sign.

Posted Speed	Sign Spacing
35	200' (60 m)
50	300' (100 m)
55	300' (100 m)
65	200' (60 m)

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

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

STANDARD 701806-10

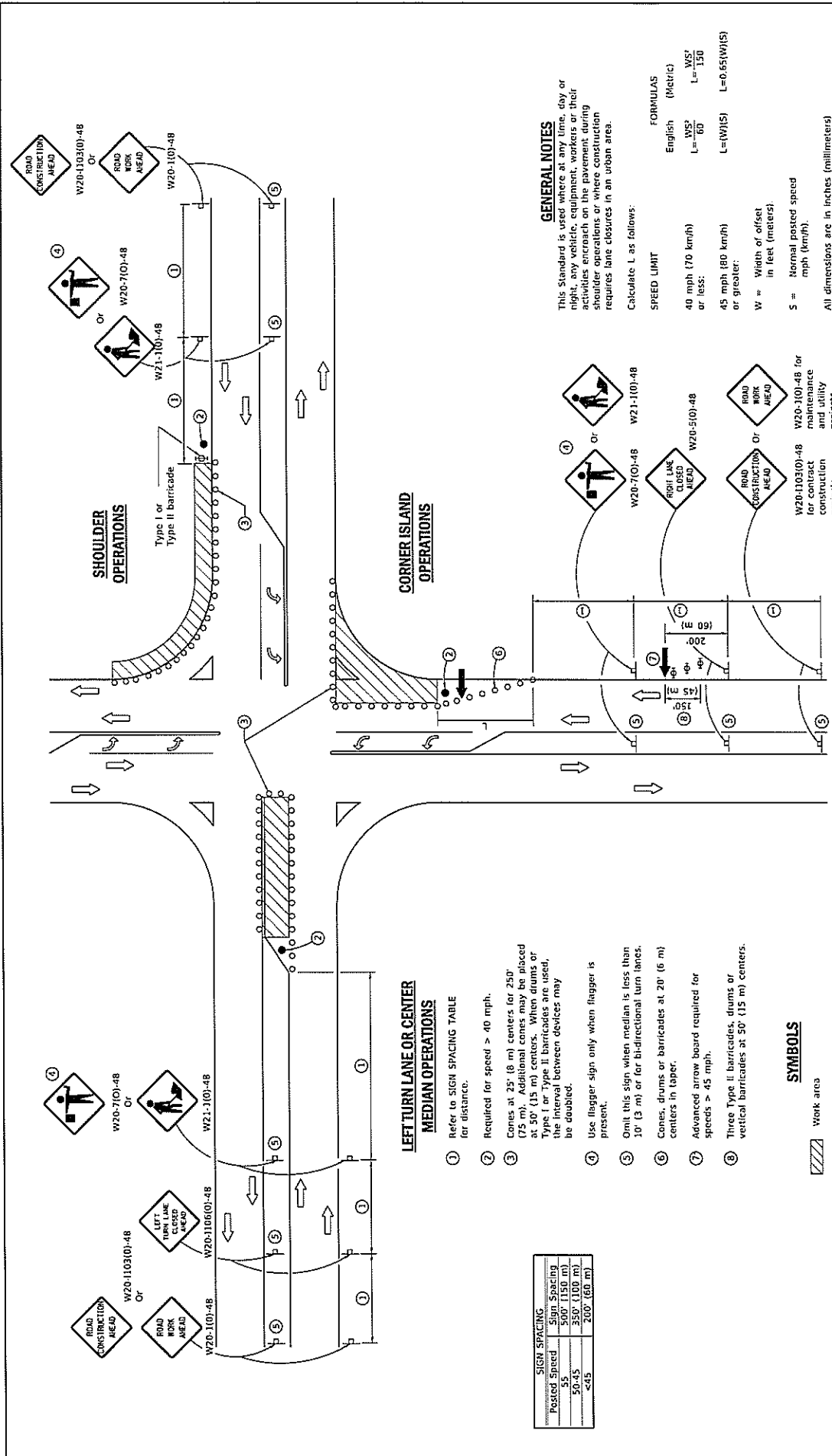
Illinois Department of Transportation

PASSED: January 1, 2015

APPROVED: [Signature] January 1, 2015

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED: 1-1-97



POSTED SPEED	Sign Spacing
50-45	500' (150 m)
<45	250' (100 m)
	200' (60 m)

LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

Refer to SIGN SPACING TABLE for distance.

- 1 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.
- 2 Required for speed > 40 mph.
- 3 Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- 4 Use flagger sign only when flagger is present.
- 5 Omit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.
- 6 Cones, drums or barricades at 20' (6 m) centers in taper.
- 7 Advanced arrow board required for speeds > 45 mph.
- 8 Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

SYMBOLS

- Work area
- Conc. drum or barricade
- Sign on portable or permanent support
- Arrow board
- Barricade or drum with flashing light
- Flagger with traffic control sign

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in an urban area.

Calculate L as follows:

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

W = Width of offset in feet (meters).

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

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

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

URBAN LANE CLOSURE, MULTILANE INTERSECTION

STANDARD 701701-10

Illinois Department of Transportation

ISSUED 1-1-97

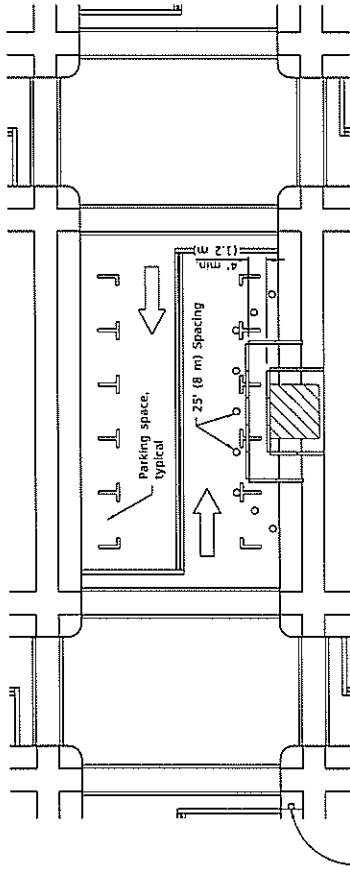
APPROVED: [Signature] 2015

ENGINEER OF SAFETY ENGINEERING

APPROVED: [Signature] 2015

ENGINEER OF DESIGN AND ENVIRONMENT

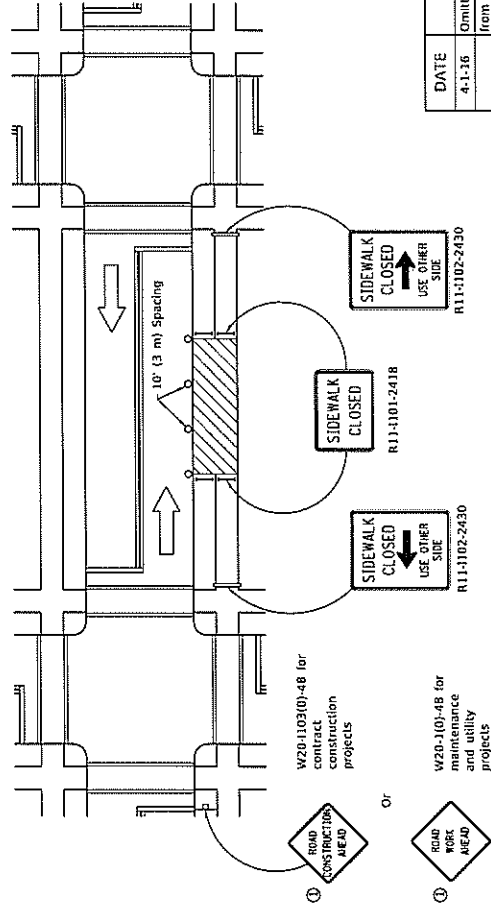
① Omit whenever duplicated by road work traffic control.



W20-1103(0)-48 for contract construction projects

Or
W20-1101-48 for maintenance and utility projects

SIDEWALK DIVERSION



W20-1103(0)-48 for contract construction projects

Or
W20-1101-48 for maintenance and utility projects

SIDEWALK CLOSURE

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade

GENERAL NOTES

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

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

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

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

Type III barricades and R11-2-4830 signs shall be positioned as shown. ROAD CLOSED TO ALL TRAFFIC detail on Standard 701301.

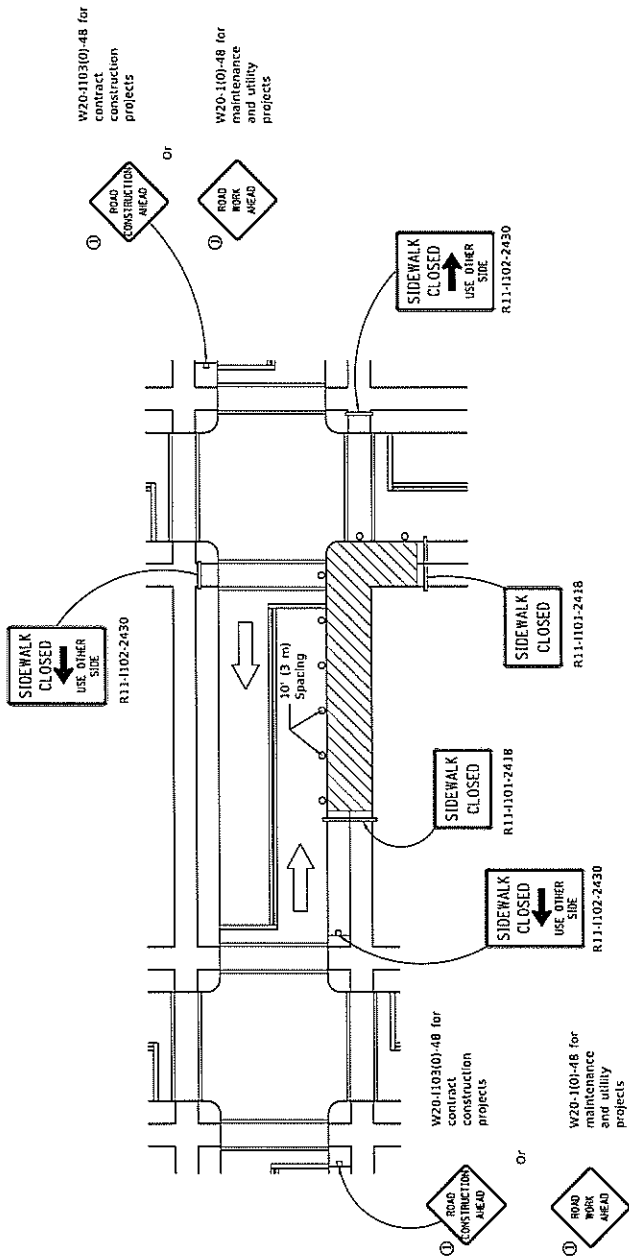
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION. Modified appearance of plan views. Renamed Std

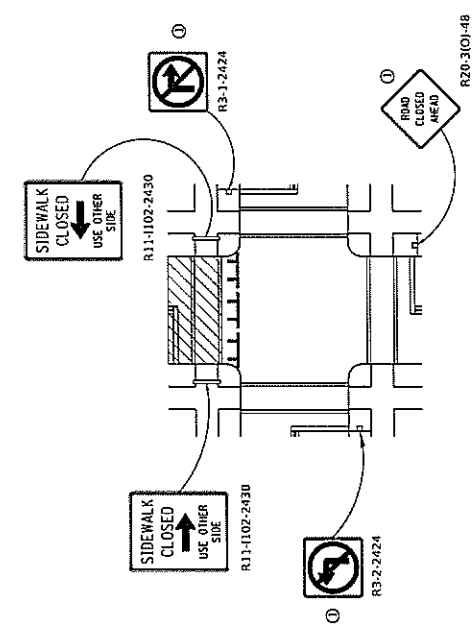
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)
STANDARD 701801-06

Illinois Department of Transportation
 PASSED April 1, 2016
 ENGINEER OF SAFETY ENGINEERING
 APPROVED
 ENGINEER OF DESIGN AND ENVIRONMENT
 ISSUED 1-1-07



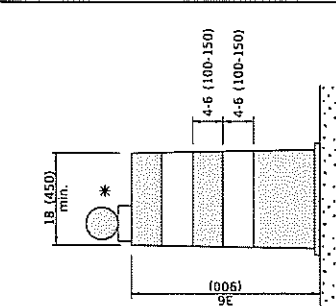
CORNER CLOSURE



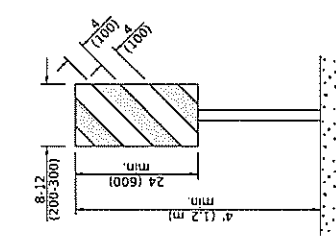
CROSSWALK CLOSURE

SIDEWALK, CORNER OR CROSSWALK CLOSURE
 (Sheet 2 of 2)
 STANDARD 701801-06

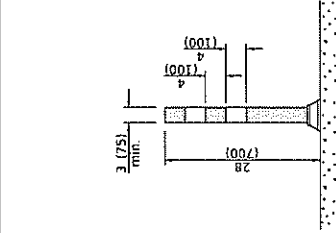
Illinois Department of Transportation DIVISION OF SAFETY ENGINEERING APPROVED ENGINEER OF DESIGN AND ENVIRONMENT	PASSED APRIL 1, 2015 	ISSUED 1 1 97
	APPROVED APRIL 1, 2016 	



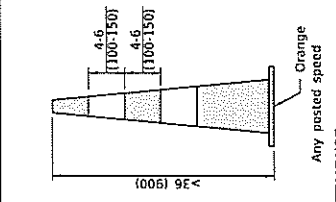
DRUM



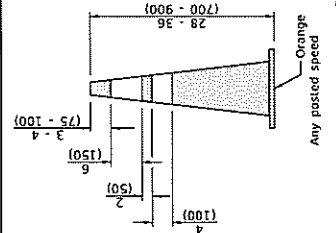
**VERTICAL PANEL
POST MOUNTED**



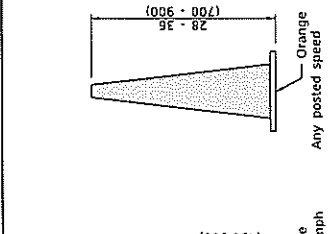
TUBULAR MARKER



DAY OR NIGHTTIME USE



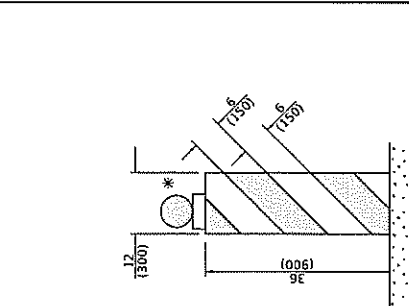
CONES



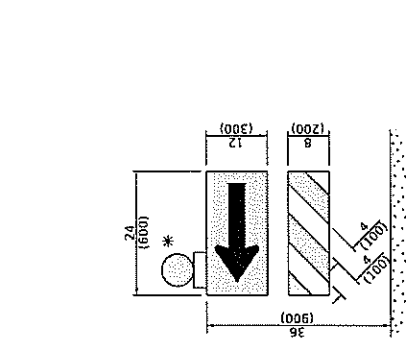
DAYTIME USE



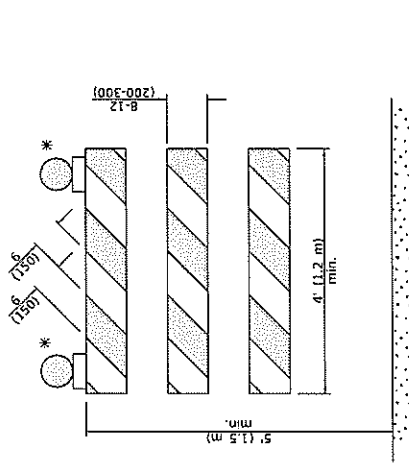
Posted speed < 45 mph



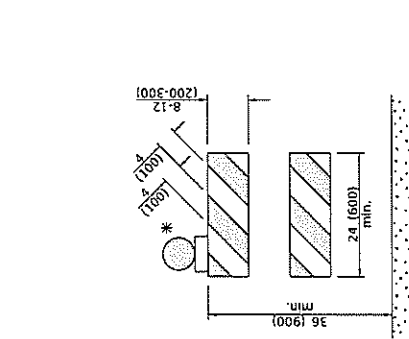
VERTICAL BARRICADE



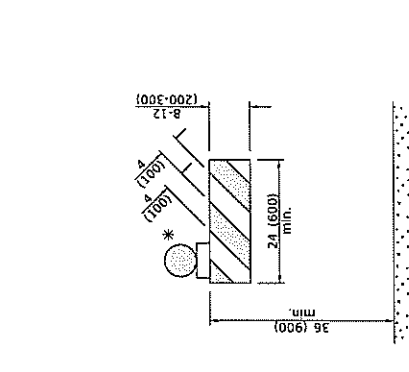
**DIRECTION INDICATOR
BARRICADE**



TYPE III BARRICADE



TYPE II BARRICADE



TYPE I BARRICADE

* Warning lights (if required)

GENERAL NOTES

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

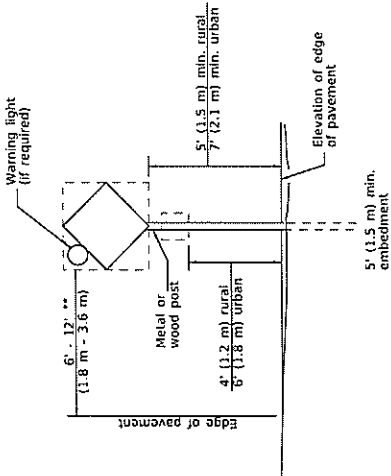
TRAFFIC CONTROL DEVICES	
DATE	REVISIONS
1-1-19	Revised cone usage and added cones > 36" (900 m) height.
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.

(Sheet 1 of 3)

STANDARD 701901-08

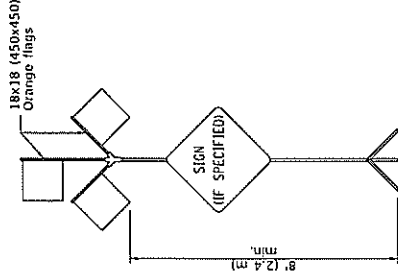
Illinois Department of Transportation
 APPROVED January 1, 2019
 ENGINEER OF SAFETY PROGRAMS AND ENGINEERING
 APPROVED January 3, 2019
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13



POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the edge of the paved shoulder.



HIGH LEVEL WARNING DEVICE

SIGNS ON TEMPORARY SUPPORTS

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

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

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

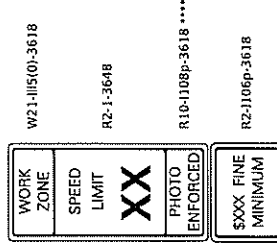
END CONSTRUCTION sign shall be erected at the entry of the project unless another job is within 2 miles (3200 m).

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

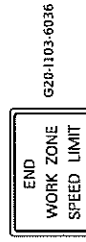
ROAD CONSTRUCTION NEXT X MILES
G20-1104(0)-6036

END CONSTRUCTION
G20-1105(0)-6024

WORK LIMIT SIGNING



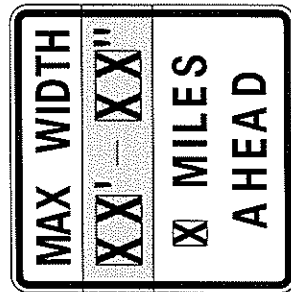
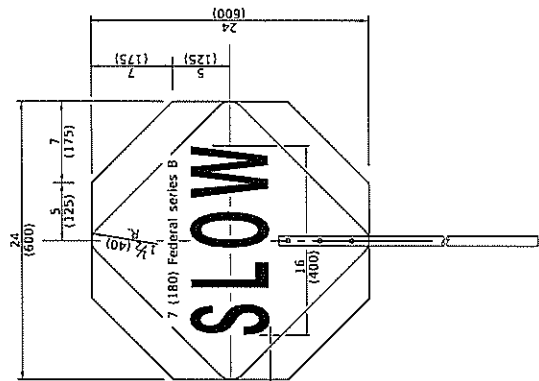
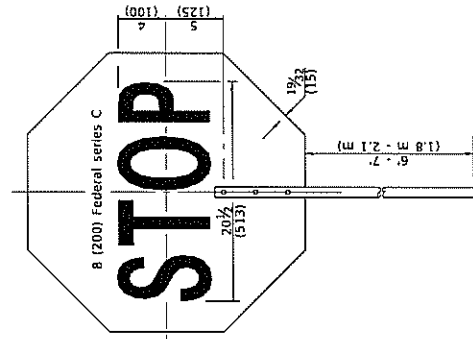
Sign assembly as shown on Standards or as allowed by District Operations.



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

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

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



W12-1103-4848

WIDTH RESTRICTION SIGN

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

TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

STANDARD 701901-08

FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation

ISSUED 1-1-13

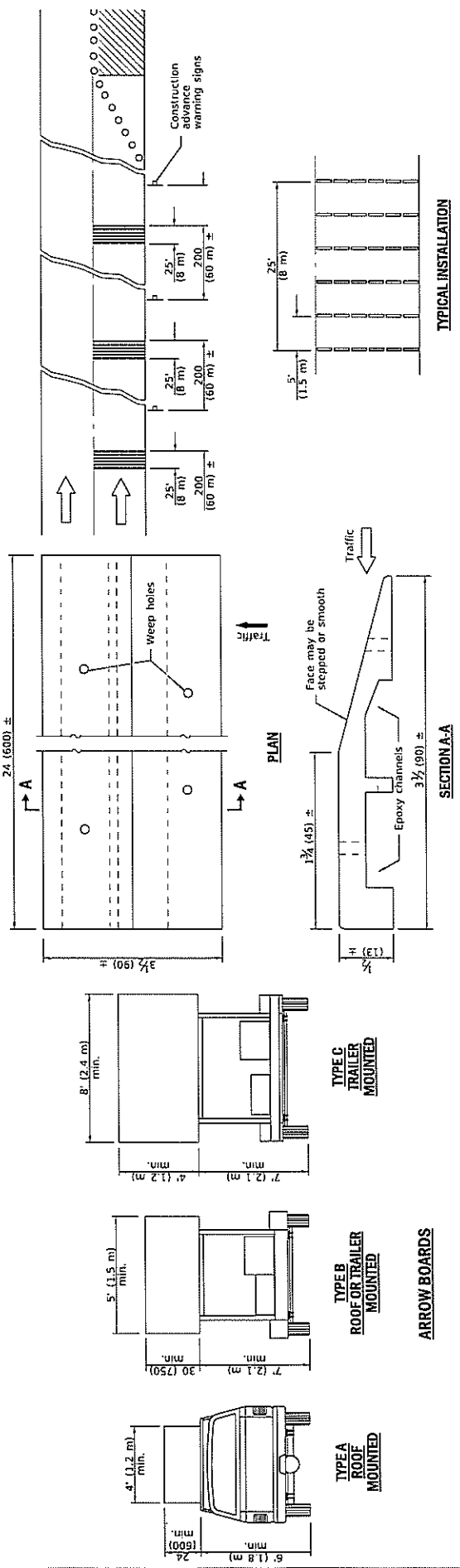
APPROVED January 1, 2019

APPROVED January 1, 2019

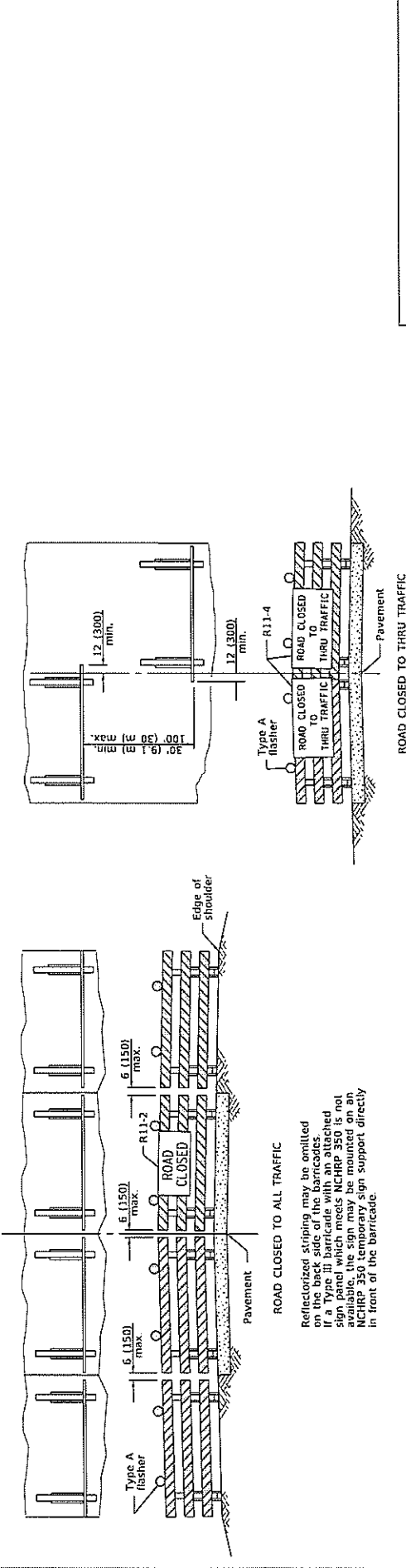
ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION



TEMPORARY RUMBLE STRIPS



TRAFFIC CONTROL DEVICES

STANDARD 701901-08

(Sheet 3 of 3)

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

ReflectORIZED striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.

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

Illinois Department of Transportation

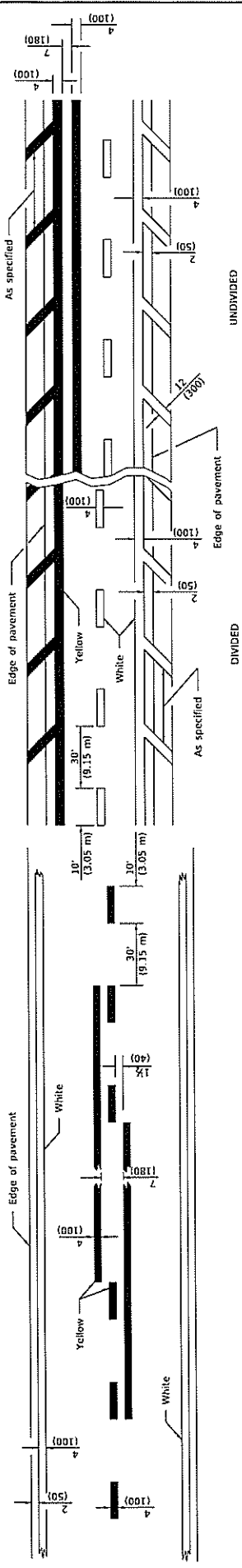
ISSUED 1-1-13

APPROVED JANUARY 1, 2019

CHIEF OF SAFETY, PLANNING AND ENGINEERING

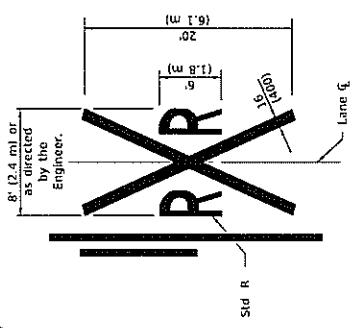
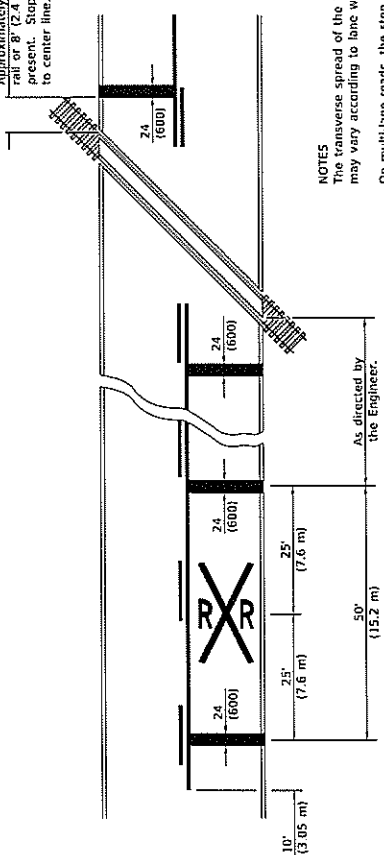
APPROVED JANUARY 1, 2019

ENGINEER OF DESIGN AND ENVIRONMENT



LANE AND EDGE LINES

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



NOTES
 The transverse spread of the "X" may vary according to lane width.
 On multi-lane roads, the stop lines shall extend across all approach lanes and separate RXR symbols shall be placed adjacent to each other in each lane.
 When the pavement marking symbol is used, a portion of the symbol should be located directly adjacent to the Advance Warning Sign (W10-1) as placed by Table 2C-4, Condition B of the MUTCD.

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

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

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

TYPICAL PAVEMENT MARKINGS

(Sheet 1 of 3)

STANDARD 780001-05

Illinois Department of Transportation

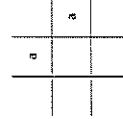
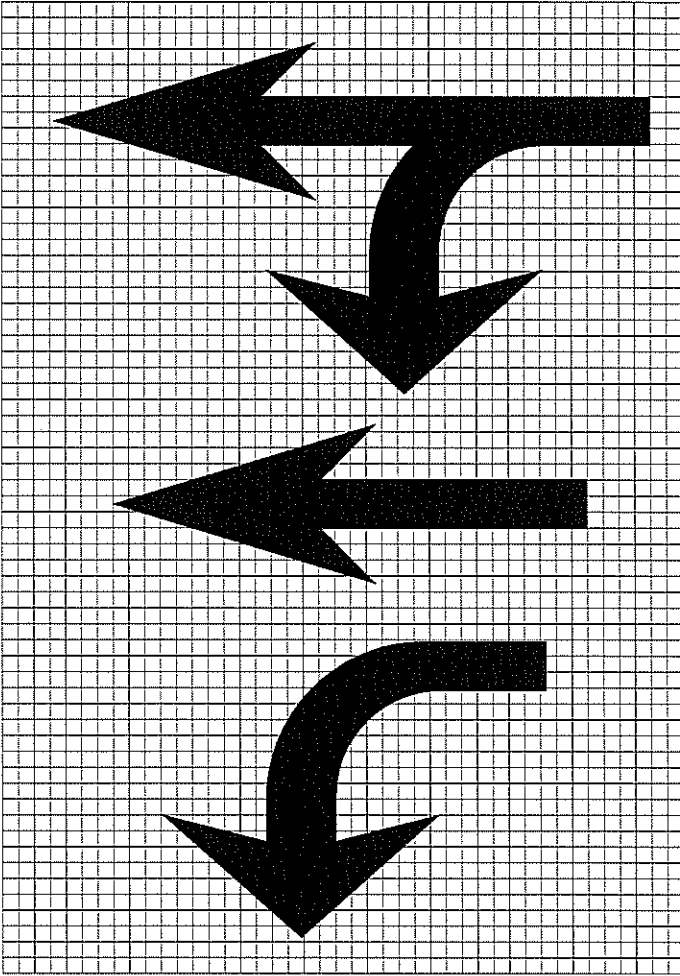
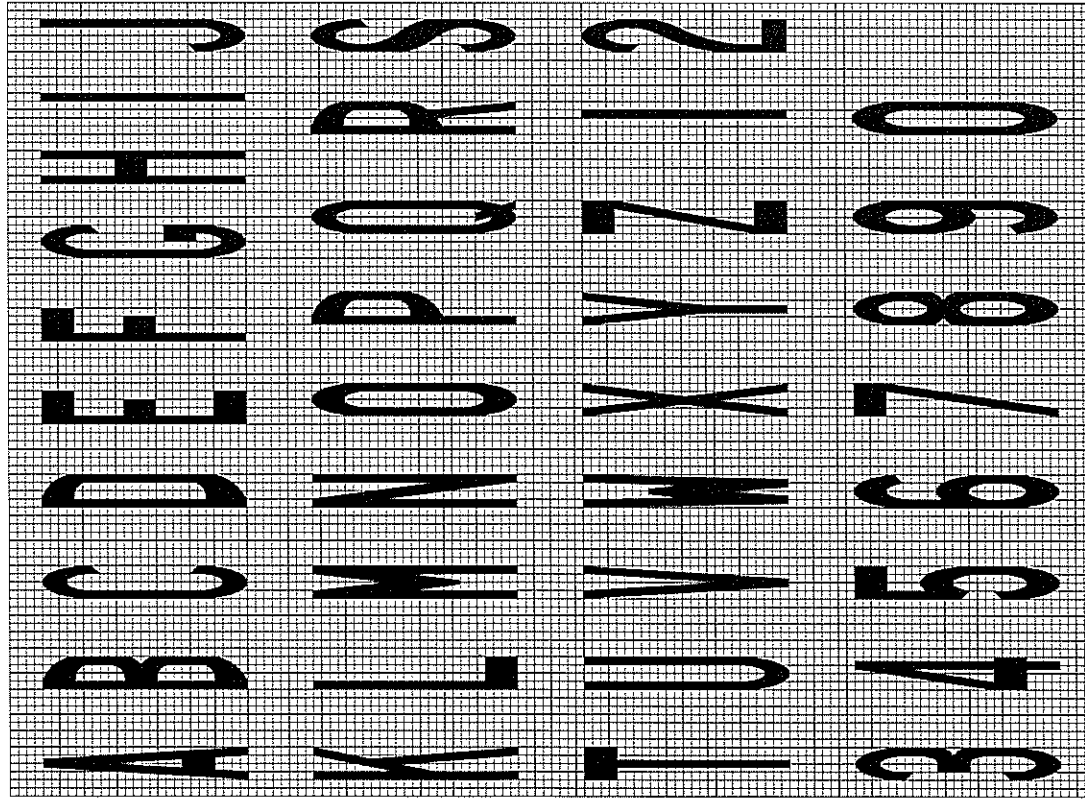
ISSUED 1-1-97

PASSED January 1, 2015

ENGINEER OF OPERATIONS

APPROVED January 1, 2015

ENGINEER OF DESIGN AND ENVIRONMENT



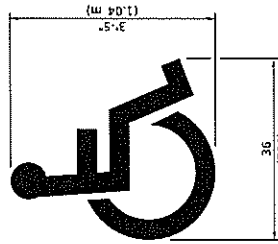
Legend height	Arrow size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

The space between adjacent letters or numerals should be approximately 3 (76) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

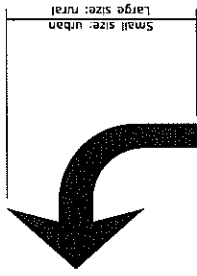
LETTER AND ARROW GRID SCALE

TYPICAL PAVEMENT MARKINGS
 STANDARD 780001-05
 (Sheet 2 of 3)

Illinois Department of Transportation
 ISSUED 11-97
 PASSED: _____ 2015
 ENGINEER OF OPERATIONS: *[Signature]*
 APPROVED: _____ 2015
 ENGINEER OF DESIGN AND ENVIRONMENT: *[Signature]*



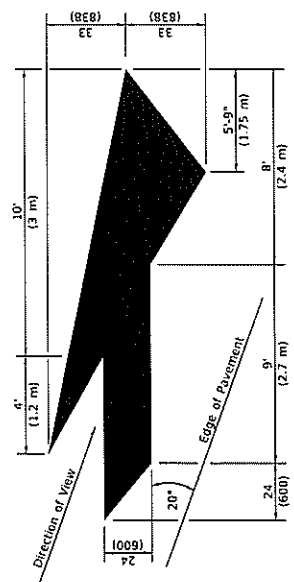
INTERNATIONAL SYMBOL OF ACCESSIBILITY



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

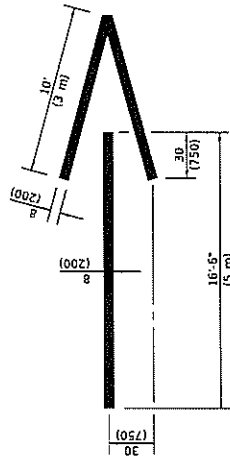


WORD AND ARROW LAYOUT

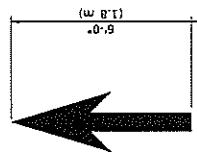


LANE-REDUCTION ARROW

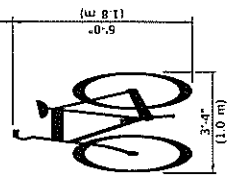
Right lane-reduction arrow shown. Use mirror image for left lane.



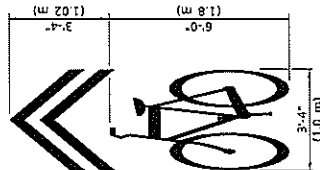
WRONG WAY ARROW



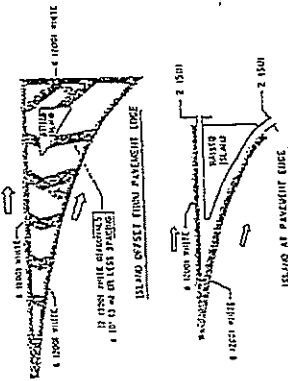
6'-0" (1.8 m)



BIKE SYMBOL
(arrow is optional)



SHARED LANE SYMBOL

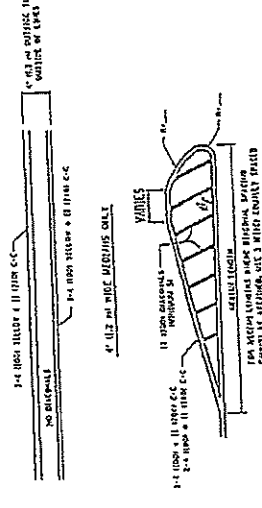


TYPICAL ISLAND MARKING

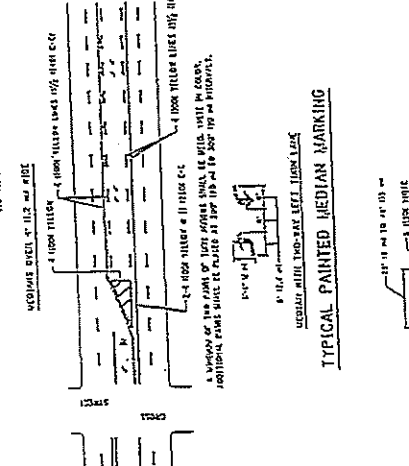
TYPE OF MARKING	WIDTH OF LINE	PARENTAL	COLOR	SPACING / REMARKS
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	10' TO 12' WIDE FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	12' TO 14' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	14' TO 16' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	16' TO 18' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	18' TO 20' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	20' TO 22' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	22' TO 24' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	24' TO 26' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	26' TO 28' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	28' TO 30' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	30' TO 32' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	32' TO 34' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	34' TO 36' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	36' TO 38' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	38' TO 40' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	40' TO 42' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	42' TO 44' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	44' TO 46' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	46' TO 48' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	48' TO 50' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	50' TO 52' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	52' TO 54' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	54' TO 56' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	56' TO 58' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	58' TO 60' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	60' TO 62' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	62' TO 64' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	64' TO 66' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	66' TO 68' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	68' TO 70' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	70' TO 72' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	72' TO 74' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	74' TO 76' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	76' TO 78' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	78' TO 80' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	80' TO 82' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	82' TO 84' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	84' TO 86' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	86' TO 88' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	88' TO 90' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	90' TO 92' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	92' TO 94' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	94' TO 96' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	96' TO 98' FROM 30' TO 35' FROM EDGE
RENDERING OF 2 1/2" BROADWAY MARKING	3" x 4" 1/2"	1 1/2" x 3"	YELLOW	98' TO 100' FROM 30' TO 35' FROM EDGE

SEE TYPICAL PAINTED MEDIAN MARKING.

SEE TYPICAL TURN LANE MARKING.



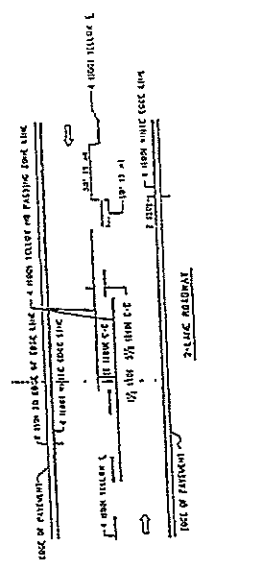
TYPICAL LANE AND EDGE LINE MARKING



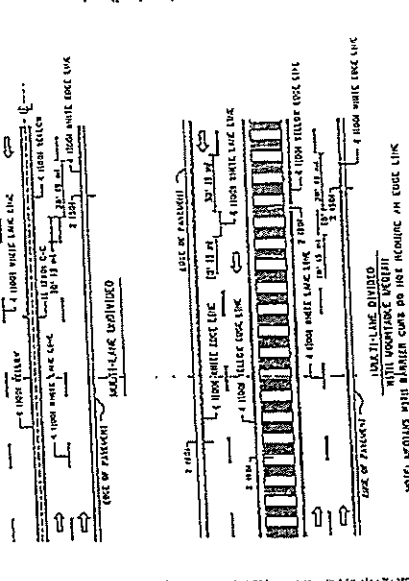
TYPICAL PAINTED MEDIAN MARKING



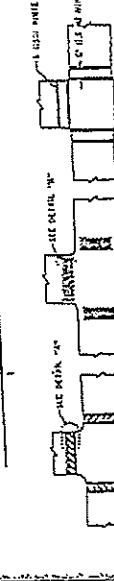
TYPICAL TURN LANE MARKING



TYPICAL CROSSWALK MARKING



TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

SEE TYPICAL PAINTED MEDIAN MARKING.

SEE TYPICAL TURN LANE MARKING.

SHEET NO. 1 OF 1 SHEETS		DISTRICT ONE		CONTRACT NO. 4115	
STATE OF ILLINOIS		TYPICAL PAVEMENT MARKINGS		CONTRACT NO. 4115	
DEPARTMENT OF TRANSPORTATION		SHEET NO. 1 OF 1 SHEETS		CONTRACT NO. 4115	
DESIGNED - C. B. BRIDGES		CHECKED - J. H. BROWN		DATE - 01-11-50	
DRAWN - J. H. BROWN		APPROVED - J. H. BROWN		DATE - 01-11-50	
SCALE - AS SHOWN		DATE - 01-11-50		DATE - 01-11-50	
DATE - 01-11-50		DATE - 01-11-50		DATE - 01-11-50	

PREVAILING WAGES

This Contract shall be subject to the provisions of the *Prevailing Wage Act* (820 ILCS 130/1 et seq.) to the extent required by law.

For Prevailing Wage information please go to the City of Joliet Website

<https://www.joliet.gov/departments/finance/purchasing/prevailing-wage-information>

For current Prevailing Wage Rates, go to State of Illinois Website below and follow the instructions:

<https://data.illinois.gov/dataset/idol-2018-prevailing-wage-rates/resource/0c95f063-aed9-4db7-adc3-c224acee8fc2>

If you cannot access or have difficulty retrieving the prevailing wage information, contact Margaret McEvilly at mmceville@joliet.gov or call 815-724-3926 and we will send you the relevant prevailing wage information.