

**CITY OF DARIEN  
NOTICE TO BIDDERS  
FOR  
PLAINFIELD ROAD RETAINING WALL REPLACEMENT PROJECT**

The City of Darien is now accepting sealed bid proposals for the Plainfield Road Retaining Wall Replacement Project

**TIME AND PLACE OF OPENING BIDS**

Notice is hereby given that the City of Darien, Illinois, will receive sealed bids at the City of Darien Municipal Services Department, 1702 Plainfield Road, Darien, IL until April 7, 2026 at 10:00 a.m. local time for the PLAINFIELD ROAD RETAINING WALL REPLACEMENT PROJECT, at which time the bids will be publicly opened and read aloud. Bid proposals for this project will be considered not only on the basis of cost, but also on past performance, experience and ability to perform the work. The City of Darien reserves the right to accept the proposal deemed to be in its own best interest based on all of the above considerations. The City of Darien reserves the right to reject any or all bids or parts thereof, or waive any irregularities or informalities, and to make the award in the best interest of the City.

**DESCRIPTION OF WORK**

The proposed work is officially known as “Plainfield Road Retaining Wall Replacement Project”. The project consists of the partial removal of an existing segmental block retaining wall and the construction of a precast modular retaining wall. The work also involves guardrail removal, curb and gutter removal and replacement, sidewalk removal and replacement, fence removal and replacement, lighting, landscape restoration and other related work as further described in the contract documents for the said work prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).

**AVAILABILITY OF CONTRACT DOCUMENTS**

The Bidding Documents can be downloaded from QuestCDN via the Christopher B. Burke Engineering Ltd. (CBBEL) website <http://cbbel.com/bidding-info/> or at [www.questcdn.com](http://www.questcdn.com) under Login using QuestCDN #10099481 for a non-refundable charge of \$30.00. A QuestCDN login will be required. Contact QuestCDN.com at 952-233-1632 or [info@questcdn.com](mailto:info@questcdn.com) for assistance in membership registration and downloading this digital project information. Contractors must purchase bid documents and be shown on the Bidder’s Planholder List in order to bid. Bids received from contractors who are not in the Bidder’s Planholder List will be rejected.

### **PRE-BID MEETING**

There will be no pre-bid meeting for this project.

### **BID SECURITY**

All bid proposals must be accompanied by a bid bond, certified check, or bank cashier's check payable to the City of Darien for five (5) percent of the amount of the bid as provided in the General Provisions. No proposals or bids will be considered unless accompanied by such bond, or check.

### **PREVAILING WAGE RATE**

All CONTRACTORS and subcontractors bidding for work involving fixed works constructed for public use must pay prevailing wages as required by the Illinois Prevailing Wage Act (820 ILCS 130/2).

If the prevailing wage rates are revised by the Illinois Department of Labor at any time during the term of the contract, the revised prevailing wage rates shall apply to the work performed pursuant to the contract, and all CONTRACTORS and subcontractors shall pay their employees in accordance with the new prevailing wage rate.

### **PERFORMANCE BOND**

The successful BIDDER for the construction of the improvements will be required to enter into Performance and Labor and Material Payment bonds equal to 100% of the amount of the bid with sureties to be approved by the City, when entering into the contract for the work, which shall be conditioned upon the proper and faithful performance by the CONTRACTOR of the work specified in accordance with the contract documents therefore, and the ordinances providing for the work.

### **REJECTION OF BIDS**

The CITY reserves the right to defer the award of the contract for a period not to exceed sixty (60) calendar days after the date bids are received, and to accept or reject any or all proposals and to waive technicalities.

### **ADDENDA**

If a written addendum is issued, a copy of such addendum will be issued by, Email, fax transmittal, first-class mail, or overnight delivery to all holders of bid documents known to the City. It is the BIDDER's responsibility to ascertain that they have received all addenda issued to the bidding documents prior to submitting their bids. BIDDER's must provide written acknowledgment of receipt of each addendum issued with their bid submission. The information shall also be placed on file and be made available to the public per the Freedom of Information Act. No addenda shall be issued less than two (2) business days ahead of the scheduled bid opening date & time.

**COVER SHEET**

**Proposal Submitted By:**

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Type of Funds

Proposal Only     Proposal and Plans     Proposal only, plans are separate

Submitted/Approved

**For Local Public Agency:**

**For a County and Road District Project**

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

**For a Municipal Project**

Submitted/Approved/Passed

Signature & Date

Official Title

**Department of Transportation**

Released for bid based on limited review

Regional Engineer Signature & Date

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Darien	DuPage		Plainfield Road (Cass Avenue t

### NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of City of Darien - Municipal Services Dept.

1702 Plainfield Road, Darien, IL 60561	until	10:00 AM	on	04/07/26
Address		Time		Date

Sealed proposals will be opened and read publicly at the office of City of Darien - Municipal Services Dept

1702 Plainfield Road, Darien, IL 60561	at	10:00 AM	on	04/07/26
Address		Time		Date

### DESCRIPTION OF WORK

Location	Project Length
South side of Plainfield Road, between Cass Avenue and Linden Avenue	380 Ft

Proposed Improvement  
 Partial removal of an existing segmental block retaining wall, construction of a precast modular retaining wall, guardrail removal, curb and gutter removal and replacement, sidewalk removal and replacement, fence removal and replacement, lighting, landscape restoration and other related work

1. Plans and proposal forms will be available in the office of  
 Quest CDN - Login using QuestCDN #10099481.

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Darien	DuPage		Plainfield Road (Cass Avenue t

**PROPOSAL**

1. Proposal of \_\_\_\_\_  

Contractor's Name

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Contractor's Address
2. The plans for the proposed work are those prepared by Christopher B. Burke Engineering, Ltd.  
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 45 working days or by \_\_\_\_\_ unless additional time is granted in accordance with the specifications.
6. The successful bidder at the time of execution of the contract will \_\_\_\_\_ be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will \_\_\_\_\_ be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: City \_\_\_\_\_ Treasurer of Darien \_\_\_\_\_ .  
The amount of the check is \_\_\_\_\_ ( \_\_\_\_\_ ).

**Attach Cashier's Check or Certified Check Here**

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

The proposal guaranty check will be found in the bid proposal for: Section Number \_\_\_\_\_ .

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Darien	DuPage		Plainfield Road (Cass Avenue t

## CONTRACTOR CERTIFICATIONS

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

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

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

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

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter or 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 canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Darien	DuPage		Plainfield Road (Cass Avenue t

**SIGNATURES**

(If an individual)

Bidder Signature & Date

Business Address

City

State

Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert Names of Officers

President

Attest:

Secretary

Secretary

Treasurer

**Instructions for BLR 12200 - Page 1 of 2**

Note: Instructions should not be included when the form is submitted.

**This form is used when a Local Public Agency desires to solicit bids for a project.**

This form shall be included in all formal contract proposals for bidding purposes. This includes both maintenance and construction projects. Refer to Chapter 12 of the Bureau of Local Roads and Streets Manual for more information. Specifications must be included in the proposal packet, along with plans, if applicable. For signature requirements refer to Chapter 2, Section 3.05(b) of the BLRS Manual.

Proposal Submitted By:

- Contractor's Name (to be completed by Bidder) Contractor will insert their name when submitting a proposal packet for bid.
- Contractor's Address (to be completed by Bidder) Contractor will insert legal address when submitting a proposal packet for bid.
- Local Public Agency Insert the name of the Local Public Agency (LPA) soliciting bids for the project.
- County Insert the name of the County in which the LPA is located.
- Section Number Insert the section number assigned to this project without dashes.
- Route(s) (Street/Road Name) Insert the name of the street or route on which the project is located. For projects that include several streets or routes, insert various.
- Type of Funds Insert the type of funds being used to fund this project.
- Proposal Only/Proposal and Plans/  
Proposal Only, Plans are separate Check the box that is applicable to this packet.
- For a County and Road District Project
  - Highway Commissioner Signature For a Road District Project, the Highway Commissioner shall sign and date here.
  - County Engineer/Superintendent of Highways For a road district project or county project, the County Engineer/Superintendent of Highways shall sign and date here.
- For a Municipal Project
  - Signature and Date For a Municipal project, the appropriate municipal official shall sign and date here.
  - Official Title Insert the title of the official who signed above.
- Department of Transportation
  - Regional Engineer Signature and Date Upon a limited review, the Regional Engineer shall sign and date here.

**NOTICE TO BIDDERS**

- Name of Office Insert the name of the office where proposals will be received.
- Address Insert the address of the office where sealed proposals will be received.
- Time Insert the time, including AM or PM, that proposals will be accepted until.
- Date Insert the date that proposals will be accepted until.
- Name of Office Insert the name of the office where proposals will be open and read.
- Address Insert the address of the office where proposals will be open and read.
- Time Insert the time, including AM or PM, that proposals will be read.
- Date Insert the date that proposals will be read.
- Location Insert the location description of the project.
- Length Insert the length of project in miles.
- Proposed Improvement Insert the description of the proposed improvement.
  - 1 Office of Insert the name of the office, along with the address where plans and proposals will be available.
  - 2 Prequalification Check this box if prequalification is or will be required.

**Instructions for BLR 12200 - Page 2 of 2**

**PROPOSAL**

- |    |  |  |
|----|--|--|
| 1  | Proposal of (to be completed by Bidder)        | Insert the bidder's name and address.  |
| 2  | Prepared by                                    | Insert the name of the LPA consulting engineering company who prepared the plans.  |
|    | Approved                                       | Insert the date of approval of the plans by the Department of Transportation.  |
| 5  | Working Days                                   | Insert the number of working days for the project as provided in the estimate of time, is applicable.  |
|    | Completion Date                                | Insert the completion date, if applicable.   |
| 6  | Section Number (to be completed by Bidder)     | If applicable, insert the section number without dashes of the proposal packet where the proposal guaranty can be found.   |
| 7  |  | The LPA will complete this with the contract bond requirement.   |
| 11 |  | The LPA will complete as it applies to the acceptance of bid bonds.  |
|    | Payable to                                     | Insert the name of the LPA.  |
|    | Amount of Check                                | Insert the amount of the check in words followed by numerical format in ().  |
|    | Attach Cashier's Check or Certified Check Here | Insert the BLR 12201. This will need to be completed by the bidder.  |
|    |  | Attached a certified or cashier's check here unless the proposal guaranty is found in another proposal packet. If so, indicate the packet section number where the guarantee can be found. |

**Signatures**

- |                                |   |
|--------------------------------|---|
| If an individual               | If the bidder is an individual, the bidder shall sign, date, and insert their address on the line below.  |
| If a partnership               |   |
| Firm Name and Address          | If the bidder is a partnership, the Firm name shall be inserted. The appropriate firm individual shall sign, date, and insert the firm's address on the line below. |
| Name and Addresses of Partners | On a separate line, insert each partner's name and address.   |
| If a corporation               |   |
| Corporate Name                 | Insert the corporate name of the bidder. This is to be followed by the signature of the corporate president.  |
| Business Address               | Insert the business address for the corporation.  |
| Insert the Names of Officers   | Insert the name of the corporation's president, Secretary and Treasurer.  |
| Attest                         | The secretary of the corporation shall sign and date here.  |

**A minimum of four (4) signed originals must be submitted to the Regional Engineer's District office.**

Following the Regional Engineer's approval, distribution will be as follows:

- Local Public Agency Clerk (2)
- Engineer (Municipal, Consultant or County)
- District File



# Schedule of Prices



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

### Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

### Schedule for Single Bid

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

Item Number	Items	Unit	Quantity	Unit Price	Total
20100110	Tree Removal (6 To 15 Units Diameter)	Unit	177		
20100210	Tree Removal (Over 15 Units Diameter)	Unit	36		
20200100	Earth Excavation	Cu Yd	120		
20700220	Porous Granular Embankment	Cu Yd	30		
28000400	Perimeter Erosion Barrier	Foot	748		
28000510	Inlet Filters	Each	2		
42400200	Portland Cement Concrete Sidewalk 5 Inch	Sq Ft	1,641		
44000500	Combination Curb and Gutter Removal	Foot	160		
44000600	Sidewalk Removal	Sq Ft	1,611		
44004250	Paved Shoulder Removal	Sq Yd	191		
44201765	Class D Patches, Type II, 10 Inch	Sq Yd	18		
50200100	Structure Excavation	Cu Yd	100		
50200450	Removal and Disposal of Unsuitable Material for Structures	Cu Yd	30		
52200700	Precast Modular Retaining Wall	Sq Ft	1,796		
60146304	Pipe Underdrains For Structures 4"	Foot	335		
60604400	Combination Concrete Curb and Gutter, Type B-6.18	Foot	160		
63200310	Guardrail Removal	Foot	298		
67100100	Mobilization	L Sum	1		
81028320	Underground Conduit, PVC, 1" Dia.	Foot	425		
81400100	Handhole	Each	3		

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Darien	DuPage		Plainfield Road (Cass Av

Item Number	Items	Unit	Quantity	Unit Price	Total
X5220102	Retaining Wall Removal	Foot	348		
X6640102	Fence (Special)	Foot	448		
X6640300	Chain Link Fence Removal	Foot	630		
X7010216	Traffic Control and Protection, (Special)	L Sum	1		
Z0013797	Stabilized Construction Entrance	Sq Yd	58		
Z0013798	Construction Layout	L Sum	1		
N/A	Wall Stain And Anti-Graffiti Coating	Sq Ft	2,060		
N/A	Landscape Restoration - Sodding	Sq Yd	1,054		
N/A	Landscape Restoration - Stone	Sq Yd	204		
N/A	Items Ordered By Engineer	Dollar	15,000	\$1.00	\$15,000.00
Bidder's Total Proposal					

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

**Instructions for BLR 12201 - Page 1 of 1**

Note: Instructions should not be included when the form is submit.

**This form is used when a Local Public Agency desires to solicit bids for a project.**

This form shall be included in all formal contract proposals for bidding purposes. This includes both maintenance and construction projects. Refer to Chapter 12 of the Bureau of Local Roads and Streets Manual for more information. Specifications must be included in the proposal packet, along with plans. For signature requirements refer to Chapter 2, Section 3.05(b) of the BLRS Manual.

Proposal Submitted By:

Contractor's Name (to be completed by Bidder)

Contractor will insert their name when submitting a proposal packet for bid.

Contractor's Address (to be completed by Bidder)

Contractor will insert legal address when submitting a proposal packet for bid.

Local Public Agency

Insert the name of the Local Public Agency (LPA) soliciting bids for the project.

County

Insert the name of the County in which the LPA is located.

Section Number

Insert the section number assigned to this project without dashes.

Route(s) (Street/Road Name)

Insert the name of the street or route on which the project is located. For projects that include several streets or routes, insert various.

Schedule for Multiple Bids

Combination Letter

Insert the letter identifying the combination bids.

Schedule Included in Combinations

Insert the schedules of the bids included in the combination.

Total

Insert the total amount of the combination bid for the sections listed to the left.

Button Functionality



Use the Add Row (+) and/or Remove Row (-) buttons located at the beginning of each line/row to either add a row directly below the row that the Add (+) button is clicked on or remove the actual row that the Remove (-) button is clicked on.

Schedule for Single Bid

Item No.

Insert the item number of the item being bid.

Item(s)

Insert the name of the item being bid.

Delivery

Insert the delivery type for the item listed to the left.

Unit

Insert the unit of measure for the item listed to the left.

Quantity

Insert the quantity for the item listed to the left.

Unit Price

The bidder shall insert the unit price for the item listed to the left.

Total

The bidder shall insert the total, which is quantity times the unit price. If the form is being filled out electronically, this field will automatically calculate the total.

Button Functionality



Use the Add Row (+) and/or Remove Row (-) buttons located at the beginning of each line/row to either add a row directly below the row that the Add (+) button is clicked on or remove the actual row that the Remove (-) button is clicked on.

Bidder's Total Proposal

If completing electronically, this will be automatically completed. If completing by hand, insert the sum of all items above.

Distribution

This form is to be inserted into a formal contract proposal, distribution will be the same as the proposal. When the bidder submits their bid, this form must be completed and included.



Local Public Agency Proposal Bid Bond

Local Public Agency: City of Darien, County: DuPage, Section Number: [ ]

WE, \_\_\_\_\_ as PRINCIPAL, and \_\_\_\_\_ as SURETY, are held jointly, severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") 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 LPA 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 LPA 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 LPA 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 LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA 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 \_\_\_\_\_ of \_\_\_\_\_ Day Month and Year

Principal and Surety signature blocks with fields for Company Name, Signature & Date, and Title.

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

Surety signature block with fields for Name of Surety and Signature of Attorney-in-Fact Signature & Date.

STATE OF IL
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 \_\_\_\_\_ Month and Year.

(SEAL, if required by the LPA)
Notary Public Signature & Date
Date commission expires \_\_\_\_\_

Local Public Agency

County

Section Number

City of Darien

DuPage

ELECTRONIC BID BOND

**Electronic bid bond is allowed (box must be checked by LPA 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 LPA 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 & Date

--

Title

--

## Instructions for BLR 12230

Note: The instructions should not be included when the form is submitted.

This form shall be used if the Local Public Agency (LPA) allows a bid bond as a Proposal Guaranty for all bid submissions on Motor Fuel Tax (MFT) or State funded contracts, deliver/install proposals and material proposals. See the Bureau of Local Roads and Streets Manual (BLRS) Chapter 12 for more information.

When filling out this form electronically, once a field is initially completed, fields requiring the same information will be auto-populated.

Local Public Agency	Insert the name of the LPA soliciting bids for the project.
County	Insert the name of the County in which the LPA is located.
Section Number	Insert the section number assigned to this project without dashes.
Principal Name and Address	Insert the names(s) and address(es) of the principal(s) of the company submitting the bid.
Surety Name and Address	Insert the name and address of the surety company providing the bid bond
Day	Insert the day of the month.
Month and Year	Insert the month and year.
Company Name	Insert the company's name that is submitting the bid.
By:	The authorized company officer shall sign and date here and insert their title.
Company Name	Insert the other company's name if bidder is a joint venture.
By:	If the bid is a joint venture, the authorized company officer of the joint bidder will sign here, and insert their title.
Name of Surety	Insert the name of the surety company providing the bid bond. This must be completed by the surety.
By: (Attorney-in-fact)	The attorney-in-fact shall sign and date here. This must be completed by the surety.
State of	Insert the name of the state where the signer(s) personally appeared before the notary public.
County of	Insert the name of the county where the signer(s) personally appeared before the notary public.
Name of Notary Public	Insert the name of notary public. Insert the names of the individuals signing on behalf of the principal and surety.
Day	Insert the day of the month the notary public signed and sealed this document.
Month and Year	Insert the month and year the notary public signed and sealed this document.
Commission Expires	Insert the date the notary public's commission expires. This is to be completed by the notary public.
Notary Public	The notary public must sign here and place their seal.
Electronic Bid Bond	Check the designated box if an electronic bid bond is allowed by the LPA awarding authority. The awarding authority is responsible for checking the box.
Electronic Bid Bond ID Code	Insert the electronic bid bond identification number for IDOT's approved surety company list.
Company/Bidder Name	Insert the company/bidder name (multiple names if a joint venture).
Signature and Title	The authorized company officer(s) must sign and date here, and insert his/her title(s). (Multiple signatures are required if a joint venture.)

### **A minimum of four (4) signed originals must be submitted to the Regional Engineer's District office.**

Following the Regional Engineer's approval, distribution will be as follows:

- Local Public Agency Clerk (2)
- Engineer (Municipal, Consultant or County)
- District File



# Affidavit of Availability

For the Letting of



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

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	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
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.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
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					
<b>Total Uncompleted</b>					

**Notary**

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

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_  
(Signature of Notary Public)

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

(Notary Seal)

Add pages for additional contracts



## Affidavit of Availability

For the Letting of

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

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	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
<b>Total Value of All Work</b>						

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Drainage						
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Cover and Seal Coats						
Concrete Construction						
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Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
<b>Totals</b>						

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**Part III. Work Subcontracted to Others.**

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

	2	3	4	Awards Pending	1
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_  
(Signature of Notary Public)

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

(Notary Seal)

Add pages for additional contracts



## Affidavit of Availability

For the Letting of

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

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	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
<b>Total Value of All Work</b>						

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Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
<b>Totals</b>						

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Type of Work					
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_  
(Signature of Notary Public)

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

(Notary Seal)

Add pages for additional contracts



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Officer or Director

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Date

Company

Address

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Total Contract Price						
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Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
<b>Totals</b>						

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Type of Work					
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Subcontractor					
Type of Work					
Subcontract Price					
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_  
(Signature of Notary Public)

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

(Notary Seal)



**Affidavit of Illinois Business Office**

Local Public Agency	County	Street Name/Road Name	Section Number
City of Darien	DuPage	Plainfield Road	

I, \_\_\_\_\_ of \_\_\_\_\_, \_\_\_\_\_,  
Name of Affiant City of Affiant State of Affiant

being first duly sworn upon oath, state 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 the proposal described above, \_\_\_\_\_, will maintain a business office in the  
Bidder  
 State of Illinois, which will be located in \_\_\_\_\_ County, Illinois.  
County
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

Signature & Date

Print Name of Affiant

**Notary Public**

State of IL

County \_\_\_\_\_

Signed (or subscribed or attested) before me on \_\_\_\_\_ by  
(date)

\_\_\_\_\_, authorized agent(s) of  
(name/s of person/s)

\_\_\_\_\_  
Bidder

Notary Public Signature & Date

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

(SEAL)

## Instructions BLR 12326 - Page 1 of 1

The instructions should not be included when the form is submitted.

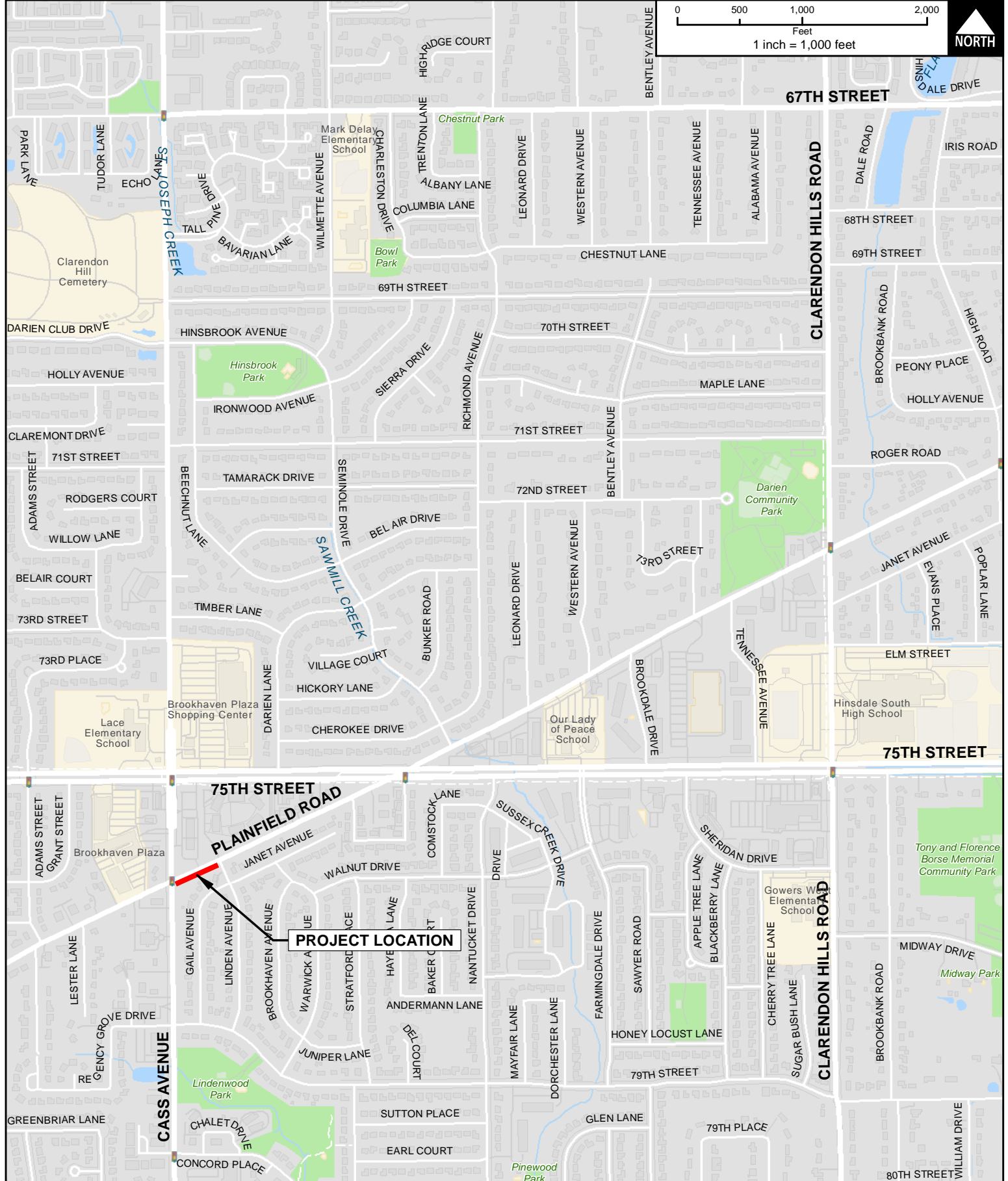
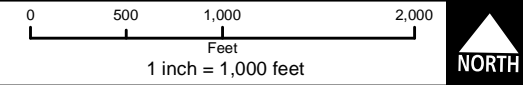
This form shall be used for Local Public Agency (LPA) contract proposals and deliver and install proposals. It must be completed by all bidders and submitted with their bids. This is not to be used for Federally Funded projects. See the Bureau of Local Roads and Streets Manual (BLRS) Chapter 12 for more information.

Local Public Agency	Insert the name of the LPA soliciting bids for the project.
County	Insert the name of the County in which the LPA is located.
Street Name/Road Name	Insert the name of the street/road on which the project is located. For projects that include several streets or routes insert various.
Section Number	Insert the section number assigned to this project without dashes.
Name of Affiant	Insert the name of the Affiant.
City of Affiant	Insert the city of residence of the Affiant.
State of Affiant	Insert the State of residence of the Affiant.
Officer or Position	Insert the position held by the Affiant.
Bidder	Insert the bidder's company name.
Bidder	Insert the bidder's company name.
County of	Insert the name of the County the Affiant is in.
Signature	The Affiant must sign and date here.
Name of Affiant	Insert the name of the Affiant (typed or printed).
State	Insert the name of the state where the signer(s) personally appeared before the notary public.
County	Insert the name of the county where the signer(s) personally appeared before the notary public.
Date	Insert the date the notary witnessed the signature(s).
Name	Insert the name(s) of the Affiant.
Bidder	Insert the bidder's company name.
Notary Signature	The Notary must sign and seal here.
Date Commission Expires	The Notary must write the date their commission expires here.

### Distribution:

Upon completion this document gets inserted into the Formal Contract Proposal (BLR 12200) or the Material Proposal/Deliver and Install Proposal (BLR 12240) and **must be** submitted with the contractor's bid.

Upon execution of a formal contract this form is to be submitted with the formal contract package to the Department. For a Material/Deliver and Install project this form is to be maintained by the LPA.



CLIENT:  
**CITY OF DARIEN, ILLINOIS**

TITLE:  
**PROJECT LOCATION MAP**

PROJ. NO. 23-0617  
DATE: 1/5/2026  
SHEET 1 OF 1  
DRAWING NO.

**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
9575 W. Higgins Road, Suite 600 · Rosemont, Illinois 60018 · (847) 823-0500

DSGN.		SCALE:	1:12,000
DWN.	KEK	AUTHOR:	DWALTERS
CHKD.		PLOT DATE:	1/5/2026
FILE:	Project Location Map		

**EXH 1**

## DuPage County Prevailing Wage Rates posted on 3/2/2026

Trade Title	Rg	Type	C	Base	Foreman	Overtime					Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
						M-F	Sa	Su	Hol	H/W						
ASBESTOS ABT-GEN	All	ALL		51.40	52.40	1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00
ASBESTOS ABT-MEC	All	BLD		42.02	45.38	1.5	1.5	2.0	2.0	16.44	16.64	0.00	0.92		3.37	6.73
BOILERMAKER	All	BLD		58.91	64.21	2.0	2.0	2.0	2.0	7.07	27.02	0.00	3.69	2.31	0.00	39.30
BRICK MASON	All	BLD		53.06	58.37	1.5	1.5	2.0	2.0	12.95	26.26	0.00	1.57	0.00	4.23	8.45
CARPENTER	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
CEMENT MASON	All	ALL		53.10	55.10	2.0	1.5	2.0	2.0	18.43	24.00	0.00	1.25		2.50	5.00
CERAMIC TILE FINISHER	All	BLD		49.09	49.09	1.5	1.5	2.0	2.0	13.25	17.61	0.00	1.37	0.00	5.57	11.14
CERAMIC TILE LAYER	All	BLD		57.04	62.04	1.5	1.5	2.0	2.0	13.25	21.60	0.00	1.50	0.00	7.63	15.26
COMMUNICATION TECHNICIAN	All	BLD		40.90	43.70	1.5	1.5	2.0	2.0	15.40	24.89	3.20	0.83	0.00	14.46	28.91
CONCRETE SPECIALIST	All	BLD		51.81	58.21	1.5	1.5	2.0	2.0	12.95	27.56	0.00	1.57	0.00	4.88	9.75
CONCRETE SPECIALIST WELDER	All	BLD		54.40	58.21	1.5	1.5	2.0	2.0	12.95	27.56	0.00	1.57	0.00	4.88	9.75
ELECTRIC PWR EQMT OP	All	ALL		52.47	71.60	1.5	1.5	2.0	2.0	7.50	14.69	0.00	1.84	1.57	9.05	18.10
ELECTRIC PWR GRNDMAN	All	ALL		40.31	71.60	1.5	1.5	2.0	2.0	7.50	11.29	0.00	1.41	1.21	6.96	13.91
ELECTRIC PWR LINEMAN	All	ALL		63.08	71.60	1.5	1.5	2.0	2.0	7.50	17.66	0.00	2.21	1.89	10.88	21.76
ELECTRIC PWR TRK DRV	All	ALL		41.77	71.60	1.5	1.5	2.0	2.0	7.50	11.70	0.00	1.47	1.25	7.20	14.40
ELECTRICIAN	All	BLD		48.49	52.74	1.5	1.5	2.0	2.0	15.40	28.48	7.99	1.20	0.00	18.83	37.67
ELEVATOR CONSTRUCTOR	All	BLD		70.68	79.52	2.0	2.0	2.0	2.0	16.28	21.36	5.65	0.80		0.00	0.00
FENCE ERECTOR	NE	ALL		52.25	54.75	1.5	1.5	2.0	2.0	14.29	19.02	0.00	1.00	0.00	0.00	0.00
GLAZIER	All	BLD		53.55	55.05	1.5	2.0	2.0	2.0	16.04	26.64	0.00	2.30	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		56.02	59.38	1.5	1.5	2.0	2.0	16.44	19.88	0.00	0.92		4.99	9.97
IRON WORKER	All	ALL		62.46	65.96	2.0	2.0	2.0	2.0	19.05	27.04	0.00	0.49	0.00	0.00	0.00
LABORER	All	ALL		51.40	52.15	1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00
LATHER	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
MACHINIST	All	BLD		60.39	64.39	1.5	1.5	2.0	2.0	11.43	9.95	1.85	1.47	0.00	0.00	0.00
MARBLE FINISHER	All	ALL		40.21	54.60	1.5	1.5	2.0	2.0	12.95	23.81	0.00	0.98	0.00	3.00	6.00
MARBLE SETTER	All	BLD		52.00	57.20	1.5	1.5	2.0	2.0	12.95	25.57	0.00	1.25	0.00	3.88	7.76

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MATERIAL TESTER I	All	ALL		41.40		1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00
MATERIALS TESTER II	All	ALL		46.40		1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00
MILLWRIGHT	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
OPERATING ENGINEER	All	BLD	1	64.80	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	2	63.50	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	3	60.95	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	4	59.20	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	5	68.55	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	6	65.80	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	7	67.80	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT		53.25	53.25	1.5	1.5	2.0	2.0	25.20	22.75	2.00	3.00		0.00	0.00
OPERATING ENGINEER	All	HWY	1	63.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	2	62.45	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	3	60.40	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	4	59.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	5	57.80	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	6	66.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	7	64.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
ORNAMENTAL IRON WORKER	All	ALL		59.26	62.76	2.0	2.0	2.0	2.0	14.86	27.70	0.00	2.25	0.00	0.00	0.00
PAINTER	All	ALL		54.30	56.30	1.5	1.5	1.5	2.0	16.20	11.43	0.00	1.75	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		48.16	54.11	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIIVER	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
PIPEFITTER	All	BLD		58.50	61.50	1.5	1.5	2.0	2.0	15.15	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		53.00	56.18	1.5	1.5	2.0	2.0	12.95	25.66	0.00	1.49	0.00	4.31	8.61
PLUMBER	All	BLD		60.50	64.15	1.5	1.5	2.0	2.0	19.10	17.94	0.00	1.98		0.00	0.00
ROOFER	All	BLD		52.00	57.00	1.5	1.5	2.0	2.0	12.80	18.19	0.00	1.14	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		58.83	63.54	1.5	1.5	2.0	2.0	17.16	19.90	0.00	1.79	2.62	0.00	0.00
SPRINKLER FITTER	All	BLD		63.20	65.95	1.5	1.5	2.0	2.0	15.45	19.95	0.00	1.15	0.00	0.00	0.00
STEEL ERECTOR	All	ALL		62.46	65.96	2.0	2.0	2.0	2.0	19.05	27.04	0.00	0.49	0.00	0.00	0.00

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STONE MASON	All	BLD		53.06	58.37	1.5	1.5	2.0	2.0	12.95	26.26	0.00	1.57	0.00	4.23	8.45
SURVEY WORKER	All	BLD		58.45	59.45	1.5	1.5	2.0	2.0	19.10	14.40	0.00	1.59		0.00	0.00
SURVEY WORKER	All	HWY		58.45	59.45	1.5	1.5	2.0	2.0	19.10	14.40	0.00	1.59		0.00	0.00
TERRAZZO FINISHER	All	BLD		51.44	51.44	1.5	1.5	2.0	2.0	13.25	18.87	0.00	1.41	0.00	4.45	8.89
TERRAZZO MECHANIC	All	BLD		55.35	58.85	1.5	1.5	2.0	2.0	13.25	20.26	0.00	1.46	0.00	4.70	9.39
TRAFFIC SAFETY WORKER I	All	HWY		43.40	45.40	1.5	1.5	2.0	2.0	10.08	10.08	0.00	1.05	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	ALL	HWY		44.40	46.40	1.5	1.5	2.0	2.0	10.08	10.08	0.00	1.05	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	45.31	45.80	1.5	1.5	2.0	2.0	12.15	16.00	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	45.46	45.80	1.5	1.5	2.0	2.0	12.15	16.00	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	45.66	45.80	1.5	1.5	2.0	2.0	12.15	16.00	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	45.80	45.80	1.5	1.5	2.0	2.0	12.15	16.00	0.00	0.30	0.00	0.00	0.00
TUCK POINTER	All	BLD		52.53	53.53	1.5	1.5	2.0	2.0	11.05	23.16	0.00	1.46	0.00	0.00	0.00

### Legend

**Rg** Region

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

**C** Class

**Base** Base Wage Rate

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

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

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

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

**H/W** Health/Welfare benefit

**Vac** Vacation

**Trng** Training

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

Explanations 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

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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 Worker I**

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

### **TRAFFIC SAFETY WORKER II**

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

### **CERAMIC TILE FINISHER**

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

### **COMMUNICATIONS TECHNICIAN**

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

### MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

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

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

### OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks;

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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 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

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

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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.

### **SURVEY WORKER**

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking.

### **SURVEY FOREMAN**

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking; oversees survey crew operations; and/or coordinates work of survey crews.

### **TERRAZZO FINISHER**

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

### **Other Classifications of Work:**

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

### **LANDSCAPING**

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

### **MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II**

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

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### **SPECIAL PROVISIONS**

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022 (hereinafter referred to as the "Standard Specifications"); the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways" in effect on the date of invitation for bids; and the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2026, indicated on the Check Sheet included herein; all of which apply to and govern the construction of: Plainfield Road Retaining Wall Replacement.

These special provisions included herein apply to and govern the proposed improvement designated as Plainfield Road Retaining Wall Replacement and in case of conflict with any part or parts of said Standard Specifications, said special provisions shall take precedent and shall govern.

### **DESCRIPTION OF IMPROVEMENT**

The proposed work is officially known as "Plainfield Road Retaining Wall Replacement Project". The project consists of the partial removal of an existing segmental block retaining wall and the construction of a precast modular retaining wall. The work also involves guardrail removal, curb and gutter removal and replacement, sidewalk removal and replacement, fence removal and replacement, lighting, landscape restoration and other related work as further described in the contract documents for the said work prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).

### **EXAMINATION OF PLANS, SPECIFICATION, SPECIAL PROVISIONS, AND SITE OF WORK**

The prospective bidder shall, before submitting a bid, carefully examine the provisions of the contract. The bidder shall inspect in detail the site of the proposed work, investigate and become familiar with all the local conditions affecting the contract and fully acquaint themselves with the detailed requirements of construction.

### **AVAILABILITY OF CONTRACT DOCUMENTS**

The Bidding Documents can be downloaded from QuestCDN via the Christopher B. Burke Engineering Ltd. (CBBEL) website <http://cbbel.com/bidding-info/> or at [www.questcdn.com](http://www.questcdn.com) under Login using QuestCDN #10099481 for a non-refundable charge of \$30.00. A QuestCDN login will be required. Contact [QuestCDN.com](http://QuestCDN.com) at [952-233-1632](tel:952-233-1632) or [info@questcdn.com](mailto:info@questcdn.com) for assistance in membership registration and downloading this digital project information. Contractors must purchase bid documents and be shown on the Bidder's Planholder List in order to bid. Bids received from contractors who are not in the Bidder's Planholder List will be rejected.

### **REJECTION OF BIDS**

The City reserves the right to defer the award of the contract for a period not to exceed ninety (90) calendar days after the date bids are received, and to accept or reject any or all proposals and to waive technicalities.

**BASIS OF AWARD**

The City will choose the “lowest responsible bidder” based upon all bids received, previous work history, and references provided. The City reserves the right to reject all bids for any reason.

**CONTRACT EXECUTION**

Contract award and execution shall be in accordance with Section 102.01 of the Standard Specification.

**START DATE**

The City will coordinate with the Contractor for a start date depending on weather and the availability of materials. The intent is for work to continue to completion within the allowable working days once started.

**WORKING DAYS**

The CONTRACTOR shall complete the work within forty five (45) working days per Article 108.04 of the STANDARD SPECIFICATIONS

**DEFINITION OF TERMS**

In addition to the definitions included in Section 101 of the "Standard Specifications for Road and Bridge Construction", adopted April 1, 2022 the following should be added:

Engineer - shall be the firm of Christopher B. Burke Engineering, Ltd. as Engineer employed by the Owner.

Owner - shall be the City of Darien.

Municipality - shall be the City of Darien.

Department - shall be the City of Darien.

**WASTE DISPOSAL**

The following note shall be added to the project.

“ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COSTS FOR THE ASSOCIATED REMOVAL OR EXCAVATION ITEMS IN THE CONTRACT. THESE COSTS SHALL INCLUDE BUT ARE NOT LIMITED TO ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL ENGINEER, AND STATE AND LOCAL TIPPING FEES.”

**ANTICIPATED CONSTRUCTION SEQUENCE:**

The following is the anticipated construction sequence for the project. This sequence shall commence on the first day/date that construction begins.

1. The Contractor shall mobilize and install all required traffic control and protection items.
2. The Contractor shall install all required erosion control and protection items.
3. The Contractor shall begin removal work, including curb and gutter removal, sidewalk removal, partial retaining wall removal and fence removal.
4. The Contractor shall install the proposed precast modular retaining wall, including backfill between the remaining existing segmental block wall and the new precast modular retaining wall.
5. The Contractor shall install proposed curb and gutter, sidewalk, and fence and lighting items. Note that concrete should be poured no more than one calendar day after the forms are in place.
6. The Contractor shall stain the new precast modular retaining wall.
7. The Contractor shall complete all landscape restoration work.

**MAINTENANCE OF ROADWAYS**

Effective: September 30, 1985

Revised: November 1, 1996

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

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

**SUPERINTENDENT**

The CONTRACTOR shall have on site at all times, as the CONTRACTOR's agent, a competent English-speaking superintendent capable of reading and thoroughly understanding the plans and specifications and thoroughly experienced in the type of work being performed, who shall receive instructions from the Engineer or authorized representatives. The superintendent shall be responsible for checking his/her email on a daily basis and shall have a phone, provided by the CONTRACTOR, which can receive/send text messages. The superintendent shall have full authority to execute orders or directions of the Engineer without delay, and to promptly supply such materials, equipment, tools, labor, and incidentals as may be required. Such superintendent shall be furnished irrespective of the amount of work sublet. The

CONTRACTOR shall be charged \$1000 each working day that the superintendent is not present when work is being performed by the CONTRACTOR, a SUB-CONTRACTOR, or a SUB-SUB-CONTRACTOR.

#### **(D-1) PUBLIC CONVENIENCE AND SAFETY**

Effective: May 1, 2012  
Revised: July 15, 2012

Add the following to the end of the fourth paragraph of Article 107.09:

“If the holiday is on a Saturday or Sunday, and is legally observed on a Friday or Monday, the length of Holiday Period for Monday or Friday shall apply.”

Add the following sentence after the Holiday Period table in the fourth paragraph of Article 107.09:

“The Length of Holiday Period for Thanksgiving shall be from 5:00 AM the Wednesday prior to 11:59 PM the Sunday After”

Delete the fifth paragraph of Article 107.09 of the Standard Specifications:

“On weekends, excluding holidays, roadways with Average Daily Traffic of 25,000 or greater, all lanes shall be open to traffic from 3:00 P.M. Friday to midnight Sunday except where structure construction or major rehabilitation makes it impractical.”

#### **EDGE OF PAVEMENT**

During paving operations care, will be taken to maintain a uniform edge of pavement parallel to the roadway center line. Excess material placed will be removed at the engineer’s direction during or after completion of paving operations.

#### **SIGN AND MAILBOX RELOCATE**

The CONTRACTOR may remove and replace all street signs and mailboxes located in or near the construction zone. The CONTRACTOR shall be responsible for replacing at his expense any signs or mailboxes damaged during construction and the operation of removing and replacing any signs or mailboxes. The removal and replacement of all existing signs and mailboxes within the construction limits shall not be paid for separately but shall be included in the cost of the contract. All work must comply with the most recent version the Federal Highway Administrations MUTCD.

#### **PUBLIC CONVENIENCE AND SAFETY**

In addition to the requirements of Article 107.09 of the STANDARD SPECIFICATIONS, the CONTRACTOR shall maintain entrances and side roads along the proposed improvements; interference with the traffic movements and inconvenience to the owners of abutting property and public shall be kept

to a minimum. The costs associated with any delays or inconveniences caused by the CONTRACTOR by complying with these requirements shall be considered as included with the price of the contract and no additional compensation will be allowed.

The CONTRACTOR is to plan his work so that there will be no open holes in the pavement and that all barricades will be removed from the pavement during non-work hours.

During all construction operations, the CONTRACTOR will be required to provide, erect and maintain proper signage and barricades plus provide flagmen as necessary for safe traffic control.

All provisions relating to traffic control, signage, barricades, detour route and use of flagmen shall be subject to the approval of the CITY.

The CONTRACTOR will not be allowed to close any street to through travel without the prior approval of the CITY. The CONTRACTOR will be required to provide all warning signs, barricades, traffic cones, flagmen and other appurtenances to guarantee the safety of motorists and pedestrians during construction. This work will not be paid for separately but shall be considered as included with the Contract, and no additional compensation will be allowed.

#### **MISCELLANEOUS SAW-CUTTING**

Whenever the new work will meet existing conditions other than lawn areas, regardless of whether it is asphalt or concrete, the existing adjacent pavement or curb shall be saw-cut to provide a neat joint. The saw-cut shall be in a straight line sufficiently deep so that it renders a smooth vertical face to match to. All saw cutting shall be considered incidental to the cost to the adjacent items of new work.

If the contractor is not careful or does not saw deep enough and the cut line breaks out or chips to an imperfect edge, then the existing side must be re-cut square and done over until it is correct. Any additional quantity of new work required as a result of additional removal caused by improper saw cutting will not be paid for.

#### **DISPOSAL OF DEBRIS AND EXCAVATED OR REMOVED MATERIALS**

The Contractor shall be responsible for removal and disposal of all waste material, asphalt, concrete, stone, dirt, or debris generated in the course of the work.

The contractor shall load the removed pieces of curb and gutter, sidewalk, driveway, and street pavements, etc., directly onto trucks, haul it away, and dispose of it. The temporary storing of excavated materials on the parkways, and re-handling them later for disposal will not be allowed due to additional damage caused to tree root systems, parkways, existing equipment, and conditions. It shall be the contractor's responsibility to find an approved dumpsite for debris and any excavated materials. The City will not provide for one. The stockpiling of excavated or backfill material within the roadway overnight shall not be permitted.

### **PREVAILING WAGE**

Pursuant to the Illinois Prevailing Wage Act (820 ILCS 130/.01 *et seq.*) (the "Act"), the CONTRACTOR is required to comply with and notify all subcontractors for this Work that they are required to comply with all provisions of the Act, including (i) all requirements for payment of the current general prevailing rate of hourly wages and fringe benefits, for each craft or type of worker or mechanic needed to perform such Work, and also the current general prevailing rate for legal holiday and overtime work, as ascertained by the Illinois Department of Labor for DuPage County, Illinois; and (ii) all record keeping requirements under the Act. The foregoing applies only to projects that are a fixed public work.

### **QUALITY CONTROL**

The City of Darien will collect tickets for all material utilized on the project on a daily basis or as directed by the Engineer.

### **TRUCK WEIGHTS**

The City may require the contractor to reweigh any trucks to verify the ticket weight at any time during the job at a certified scale. All truckloads shall be within the tolerable limits of the scales and shall be legal.

### **NOTIFICATION OF PUBLIC UTILITIES**

The Contractor shall notify public utilities listed in the Plans at JULIE 800-892-0123, and the City Engineer of the City of Darien, at least two (2) working days in advance of commencement of construction for locations of their underground lines.

### **NOTIFICATION OF POLICE AND FIRE DEPARTMENTS**

The Contractor shall advise the Police and Fire Departments daily as to what streets will be under construction and what streets, if any, are to be closed so that they can reroute their emergency vehicles.

### **COMPLIANCE WITH CODES**

It is the responsibility of the Contractor to whom this Contract is awarded to familiarize himself and comply with the contents of the Occupational Safety and Health Act (OSHA), codes and ordinances adopted by and in effect by Federal, State, County, Township, and City Governmental Bodies, and any other governmental agencies at any level having jurisdiction over this area and this type of work. Any additional costs resulting from compliance with these codes shall be considered incidental to the Contract.

**STREET CLEANING**

If the CONTRACTOR fails to clean the pavement, sidewalk or parkways on or adjacent to the section under construction to the satisfaction of the ENGINEER at any time during the contract, the ENGINEER will notify the CONTRACTOR at which time the CONTRACTOR will have 24 hours to respond.

If the CONTRACTOR fails to respond within 24 hours an amount of \$500.00 per incident will be deducted from any monies due the CONTRACTOR

**VANDALISM**

Special attention is called to Article 107.30 of the STANDARD SPECIFICATIONS. Any defaced work shall be corrected or replaced by the CONTRACTOR at his sole expense prior to final payment. The City shall cooperate with the CONTRACTOR to minimize vandalism, but the CONTRACTOR shall be ultimately responsible for correcting any damage.

**CONTRACT PAY ITEMS**

All contract bid proposal pay items listed in the Schedule of Prices (BLR Form 12201) shall follow the latest edition of the IDOT Standard Specifications for Road Bridge Construction, including any special provisions listed in the contract bid proposal.

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

**Description.** This work shall consist of removal and satisfactory disposal of all existing Combination Concrete Curb and Gutter, the construction of new combination concrete curb and gutter, to match adjacent curb (when specified for curb ramps) including all necessary excavation, embankment and sub-base granular material as shown in the detail on the plans in accordance with Sections 440, 606, 202, 205 and 311 of the Standard Specifications and as specified herein.

**Construction Requirements.**

*Removal of Existing Curb*

In addition to the requirements of Article 440.02 of the Standard Specifications the Contractor will be prohibited from using a pavement breaker or other highly destructive means as defined by the Engineer for removing Combination Concrete Curb and Gutter. ***Prior to the removal of the existing combination concrete curb and gutter the adjacent edge of pavement shall be saw cut full-depth.*** All material excavated under this item shall be immediately loaded and hauled away and shall not be stored in the street or parkway area. *Any existing sprinkler systems damaged during the course of the work shall be repaired by the Contractor at no expense to the Owner.*

*Curb Replacement*

In addition to the requirements of Article 606.06 of the Standard Specifications the Contractor shall excavate all material necessary to build the proposed curb and gutter and proposed subbase in accordance with Section 202 of the Standard Specifications. ***The proposed sub base of the new curb and gutter shall be compacted Subbase Granular Material, Type B (4" of CA-6 stone)*** in accordance with Section 311 of the Standard Specifications. Backfill behind the proposed back of curb shall be in accordance with Section 205 of the Standard Specifications.

Expansion joints shall be three quarter inch (3/4") preformed bituminous expansion joint with two (2) No. 6 epoxy coated smooth dowel bars (3/4" dia. x 18" long) with grease caps that shall be placed every seventy-five feet (75'), five feet (5') either side of drainage structures, point of curvatures (p.c.'s), radius points and back of cul-de-sacs. When expansion joints are constructed adjacent to existing curb and gutter the existing curb shall be drilled and two (2) No. 6 epoxy coated smooth dowel bars (3/4" x 18" long) epoxied in place and shall be installed four inches (4") from bottom of curb. Grease caps shall be placed on the side of the new curb and gutter shall have a pinched stop that will provide a minimum one-inch (1") expansion.

For curb and gutter constructed over utility trenches, two (2) reinforcing No. 4 bars shall be installed continuously (10' min. in length) through the curb and gutter, centered over the trench (3" min. from the bottom).

Contraction joints shall be placed at a maximum spacing of 15 feet. Contractor shall use full forms on both sides of the patch - 9" min. at edge of pavement and either 12" or 15" min. at back of curb.

New curb and gutter shall be placed within 72 hours of removal of existing concrete curb and gutter. Failure by the Contractor to place the new curb and gutter within this timeframe shall cause for the Engineer to stop work on the project until the curb and gutter is placed.

Any existing pavement removed adjacent to the new curb and gutter shall be replaced with Class SI concrete. The concrete will be brought to an elevation of 3" below the gutter flag and as directed by the Engineer. The material shall be placed carefully and independently of the curb and gutter section, and only after all debris has been removed from the hole. Asphalt shall be patched at no additional cost and is incidental to this pay item. Where depressed curb is required, the contractor shall transition from regular curb and gutter with a 3' taper. This operation shall be completed within 3 days after the curb forms are stripped and shall be included with this pay item.

**Method of Measurement and Basis of Payment.** Combination concrete curb and gutter and all required removal and disposal of existing curb and gutter, excavation for curb and gutter cross-section, new compacted Subbase Granular Material, Type B (4" of CA-6 stone) Class SI concrete, steel dowels and rebar, expansion joints, surrounding landscape restoration and backfill necessary to construct the work as shown on the plans and as specified herein shall be measured and paid for at the contract unit price per foot for **COMBINATION CURB AND GUTTER REMOVAL**, and **COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18.**

**SIDEWALK REMOVAL**  
**PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH**

**Description.** This work shall consist of satisfactory removal and disposal of existing sidewalk and constructing Portland Cement Concrete Sidewalk and sidewalk accessibility ramps on a prepared subgrade. This work shall be performed in accordance with Sections 440, 311 and 424 of the Standard Specifications and as specified herein.

**Construction Requirements.** Sidewalks shall be placed on four (4") inches of new compacted Subbase Granular Material, Type B (CA-6 gradation). The sidewalk shall be five (5") inches in thickness and all sidewalk shall be a minimum of five (5') feet in width.

Expansion joints of the thickness specified below shall consist of preformed joint filler. The top of the joint shall be placed 1/4 in. below the surface of the sidewalk.

**(a) 1/2 in. Thick Expansion Joints.** Expansion joints 1/2 in. thick shall be placed between the sidewalk and all structures such as light standards, traffic light standards, buildings, traffic poles and subway columns, which extend through the sidewalk.

**(b) 3/4 in. Thick Expansion Joints.** Transverse expansion joints 3/4 in. thick shall be placed at intervals of not more than 50 feet in the sidewalk. Where the sidewalk is constructed adjacent to pavement or curb having expansion joints, the expansion joints in the sidewalk shall be placed in line with the existing expansion joints as nearly as practicable. Expansion joints shall also be placed where the sidewalk abuts existing sidewalks, parking lot pavement, between driveway pavement and sidewalk, and between sidewalk accessibility ramps and curbs where the ramp abuts a curb.

All contraction joints shall be no greater than five feet (5').

Curb ramps shall be constructed according to the ADAAG, the Illinois Accessibility code, and as shown on the plans. Curb ramps shall be constructed to the same thickness as the adjacent sidewalk with a **minimum thickness of five (5") inches.**

**Method of Measurement and Basis of Payment.** Portland cement concrete sidewalk will be measured for payment in place, and the area computed in square feet. This work will be paid for at the contract unit price per square foot for **SIDEWALK REMOVAL** and **PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH**, which price shall include all required removal and disposal of existing sidewalk and debris, expansion joints, steel dowels, contraction joints, all required excavation for the sidewalk cross-section, new compacted Subbase Granular Material Type B (4" CA-6 stone), surrounding landscape restoration and any necessary root pruning.

### **PRECAST MODULAT RETAINING WALL**

**Description.** This work shall be done in accordance with Section 522 of the Standard Specifications and the Details provided in the Plans, except where modified herein.

This work will include the installation of precast modular retaining walls in the locations shown in the plans. This item includes the installation of the entire wall system, including blocks, crushed stone or concrete leveling pad, drainage stone and select fill/stone backfill placed between the existing segmental block retaining wall and the precast modular retaining wall.

This items also includes the submittal of design computations and shop drawings, signed and sealed by a licensed Structural Engineer in the State of Illinois, per Section 522.10 (a). Note that the design shall accommodate the proposed 8' tall solid fence that is proposed in the Plans.

**Materials.** Add the following to Article 522.02 of the Standard Specifications:

“Wall shall consist of Redi-Rock blocks, or an approved equal. Manufacturer information is below:

Redi-Rock International, LLC  
US 31 South  
Charlevoix, MI 49720  
Contact Name: Scott Mathie  
Phone Number: 414-412-7888

Block facing shall have a limestone texture (see below).



Wall stain and anti-graffiti coating shall be paid for separately.

Leveling pad may be crushed stone (CA-6 or CA-10) or concrete (Class SI) per section 522.10 (b).”

**Installation Requirements.** Add the following to Article 522.10 (b) (1) of the Standard Specifications:

“The minimum top of leveling pad elevation shall be as shown in the Plans.”

**Method of Measurement and Basis of Payment.** This work shall be measured and paid for at the contract unit price per square foot for **PRECAST MODULAR RETAINING WALL**, measured from the top of the leveling pad to the top of the wall measured across the front face of the wall.

### **RETAINING WALL REMOVAL**

**Description.** This work shall consist of the partial to complete removal of the existing segmental block retaining wall. All portions of the existing wall in conflict with the proposed construction shall be removed, including all existing segmental concrete blocks, any existing leveling pads, geosynthetic reinforcement, and underdrains. It is anticipated that this will consist of the removal of at least two courses of the existing retaining wall. Additional wall removal may be required at the east end of the project as the limits of the existing and proposed walls are different.

**Method of Measurement and Basis of Payment.** This work shall be measured for payment and paid for at the contract unit price per foot for **RETAINING WALL REMOVAL**. This price shall include all labor, materials and equipment necessary to complete the work as specified.

### **FENCE (SPECIAL)**

**Description.** This work shall consist of the installation of an 8 foot tall solid, Linear Low Density Polyethylene Plastic (LLDPE) fence, including concrete foundations, between the back of the proposed precast modular retaining wall and the proposed sidewalk. This work shall comply with Section 664 of the Standard Specifications and the requirements below.

**Definitions.** The following terms are used throughout this special provision.

- A. Posts are the vertical structure support members of the fence.
- B. Panels are the molded privacy panels installed between posts.

**Submittals.** The following items shall be submitted to the Engineer and City for review.

- A. Product data – Manufacturer’s technical data, specifications and installation instructions.
- B. Samples for verification of LLDPE color in form of 3-inch lengths of actual product to be used in color selection.
- C. Shop Drawings showing fence design, layout and details.
- D. Product Certificates and Test Reports

**Quality Assurance.** The Contractor shall engage an experienced installer who has at least three years experience and has completed at least five LLDPE fence projects with same material and of similar scope to that indicated for this project with a successful construction record of in-service performance.

The Contractor shall obtain LLDPE fences, including accessories, fittings, and fastenings, from a single source.

The Contractor shall verify layout information for fences shown on the drawings in relation to the property survey and existing structures. Verify dimensions by field measurements.

**Warranty.** The fence shall come with a 30 year non-prorated limited warranty from the manufacturer.

Only LLDPE fence materials recognized to be of type indicated and tested to show compliance with indicated performances.

The fence shall be per the detail shown in the Plans. The fence shall be Breckenridge with Simtek Technology (8' x 8') or an approved equal. The fence shall be 8 ft tall with a premium textured finish, and the color shall be walnut brown.

Fence shall be LLDPE containing UV inhibitors.

Fence panels shall be 4' x 8' panels and shall be impact resistant, rotational molded, with 1.5" x 1.5" galvanized steel reinforcement in top and bottom.

Fence posts shall be impact resistant, rotational molded, shell containing UV inhibitors and with a rigid recycled polyethylene foam core. Post dimension as follows below:

1. Line post 142”:

- a. Internal 11-gauge high tensile galvanized Z-Beam (2 legs x 3.56 web) reinforcement steel
  - b. Cross Section: 5" x 5" minimum
  - c. Channel Depth: 2" minimum
  - d. Approximate Weight: 56 lbs.
2. End post 142":
- a. Internal 16-gauge galvanized box-tube (2"x3") reinforcement steel
  - b. Cross Section: 5" x 5" minimum
  - c. Channel Depth: 1" minimum
  - d. Approximate Weight: 56 lbs.

Refer to electrical plan for lighting details.

IDOT Class SI Concrete, per Section 1020 of the Standard Specifications, shall be used for the post foundations. Foundations shall be a minimum diameter of 14" and shall be a minimum of 48" deep.

**Fence Installation.** All installation shall be per the Manufacturer's installation instructions and as indicated below.

Drill or hand-excavate (using post hole digger) holes for posts in firm, compacted soil. Set posts in concrete at indicated spacing into firm, undisturbed soil. Protect portion of posts above ground from concrete splatter. Place concrete around posts and vibrate or tamp for consolidation. Check each post for vertical and top alignment and hold in position during placement and finishing operations. Unless otherwise indicated, terminate top of concrete footings 3 inches below adjacent grade and trowel to a crown to shed water. Secure posts in position for manufacturers' recommendations until concrete sets. Remove concrete splatters from fence materials with care to avoid scratching. Install panel brackets before setting posts.

Panels are universal with no front or back. Verify that brackets have been installed correctly. Adjust as required. Install panels and secure to posts according to manufacturer's written instructions. Never attach both edges of any panel to posts to allow for expansion and contraction.

For cutting panels, remove steel stiffeners from panels. Determine the exact width between post channels. Mark and cut stiffeners to that width with a metal cutting blade. Mark and cut the panel to the stiffener width, minus 1/2" to allow for thermal expansion and contraction of the panel. Make certain panels are cut accurately with edges parallel. If a cut panel is used with an end or corner post, use the factory edge for attachment to the post. For steeper slopes, panels can be cut so the step or drop in each section is 12" or less.

At sloping terrain panels may be racked stepped to comply with manufacturers' recommendations.

After installation, remove all traces of dirt and soiled areas from fence. Provide the Owner with instruction guidelines for proper operation and maintenance of fence components.

**Method of Measurement and Basis of Payment.** This work shall be measured for payment and paid for at the contract unit price per foot for **FENCE (SPECIAL)**. This price shall include all labor, materials and equipment necessary to complete the work as specified.

**CHAIN LINK FENCE REMOVAL**

**Description.** This work shall consist of the removal of chain link fence in conflict with the proposed improvements and as noted in the Plans. This item shall include making adjustments to existing fence components including possible relocation of fence posts as needed to ensure that existing fences to remain can tie in appropriately with the proposed improvements.

**Method of Measurement and Basis of Payment.** This work shall be measured for payment and paid for at the contract unit price per foot for **CHAIN LINK FENCE REMOVAL**. This price shall include all labor, materials and equipment necessary to complete the work as specified.

### **TRAFFIC CONTROL AND PROTECTION, (SPECIAL)**

**Description.** This work shall include all traffic control and protection items required to perform the proposed work, including, but not limited to temporary pavement markings, construction signage, cones/barricades, arrow boards and message signs.

**Construction Requirements.** 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 City at least 72 hours in advance of beginning work.

#### **STANDARDS:**

- 701006-05, Off-Road Operations, 2L, 2W, 15' (4.5 m) to 24" (600 mm) From Pavement Edge
- 701301-04, Lane Closure, 2L, 2W, Short Time Operations
- 701311-03, Lane Closure, 2L, 2W, Moving Operations – Day Only
- 701501-06, Urban Lane Closure, 2L, 2W, Undivided
- 701606-10, Urban Single Lane Closure, Multilane, 2W With Mountable Median
- 701701-10, Urban Lane Closure, Multilane Intersection
- 701801-06, Sidewalk, Corner or Crosswalk Closure
- 701901-08, Traffic Control Devices

#### **DETAILS:**

- Traffic Control and Protection for Side Roads, Intersections and Driveways (TC-10)
- District One Typical Pavement Markings (TC-13)

#### **SPECIAL PROVISIONS:**

- Maintenance of Roadways
- Changeable Message Sign
- Special Public Convenience and Safety (D-1)
- Equipment Parking and Storage (BOE)
- Temporary Pavement Marking (BDE)
- Lights on Barricades (BDE)
- Pavement Marking Removal (BDE)

Specific traffic control plan details and Special Provisions have been prepared for this contract. This work shall include all labor, materials, transportation, handling and incidental work necessary to furnish, install, maintain and remove all traffic control devices required as indicated in the plans and as approved by the Engineer.

Overnight lane closures will not be permitted unless the Contractor receives written permission from the Engineer.

**Method of Measurement and Basis of Payment.** All traffic control indicated on the plans and specified in the Special Provisions will be paid for at the contract lump sum price for **TRAFFIC CONTROL AND PROTECTION, (SPECIAL).**

**STABILIZED CONSTRUCTION ENTRANCE**

**Description.** This work shall consist of constructing a stabilized construction entrance including furnishing, installing, maintaining, and removing a stabilized path of aggregate with filter fabric as shown in the plans or as directed by the Engineer.

**Materials.** Materials shall be according to the following:

	Item	Article/Section
(a)	Coarse Aggregate.....	1004
(b)	Filter Fabric.....	1080.03

The contractor shall construct the entrance utilizing stone or recycled concrete meeting gradation CA-1, CA-2, CA-3, CA-4.

**Construction.** The aggregate shall be a minimum of six inches in thickness. The aggregate shall not be placed until the entrance area has been inspected and approved by the Engineer.

The aggregate shall be dumped and spread into place in approximately horizontal layers. The layer(s) shall not exceed three feet in thickness. The aggregate shall be placed in such a manner as to produce a reasonably homogenous stable fill that contains no segregated pockets of larger or smaller fragments or large unfilled space caused by bridging of larger fragments. No compaction shall be required beyond the resulting from the placing and spreading operations.

The construction entrance shall follow the dimensions shown on the plans and/or have a minimum width of 14 feet. The length of the construction entrance shall be as shown in the plans and as required to allow construction vehicles access to the project location. The Contractor shall always maintain positive drainage. The entrance shall remain in place during construction operations and be maintained until the disturbed area is stabilized.

**Maintenance.** The entrance shall be maintained in a condition to prevent tracking of sediment onto public right-of-way(s). This will require removal of sediment clogged aggregate and replacement with fresh aggregate or top dressing the entrance with fresh aggregate as directed by the Engineer. Any and all sediment spilled, dropped, washed, or tracked into the public right-of-way(s) shall be removed immediately in accordance with Article 107.15 of the Standard Specifications. All removed materials shall be disposed of offsite in accordance with Article 202.03 of the Standard Specifications.

**Method of Measurement and Basis of Payment.** This work shall be measured for payment in place and the area computed in square yards. Filter fabric, maintenance, removal, and disposal of the stabilized construction entrance and debris shall not be measured separately for payment but shall be considered in the unit price for stabilized construction entrance.

This work will be paid for at the contract unit price per square yard for **STABILIZED CONSTRUCTION ENTRANCE**. Payment shall include all labor, materials, equipment, tools, transportation, and appurtenances necessary to complete this work as detailed in the plans and specified herein.

### **CONSTRUCTION LAYOUT**

**Description.** The Contractor shall be required to furnish and place construction layout stakes for this project. The Engineer will provide adequate reference points to the centerline of survey and benchmarks as shown in the plans and listed herein. Any additional control points set by the Engineer will be identified in the field to the Contractor and all field notes will be kept in the office of the Engineer.

The Contractor shall provide field forces, equipment, and material to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary benchmarks, necessary to secure a correct layout of the work. Stakes for line and grade of pavement and/or curb shall be set at sufficient station intervals (not to exceed 25 ft.) to assure substantial conformance to plan line and grade. The Contractor will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract nor to determine property lines between private properties.

The Contractor shall be responsible for having the finished work substantially conform to the lines, grades, elevations, and dimensions called for in the plans. Any inspection or checking of the Contractor's layout by the Engineer and the acceptance of all or any part of it shall not relieve the Contractor of his/her responsibility to secure the proper dimension, grades and elevations of the several parts of the work. The Contractor shall exercise care in the preservation of stakes and benchmarks and shall have them reset at his/her expense when any are damaged, lost, displaced or removed or otherwise obliterated.

**Responsibility of the Engineer.** The following items are the responsibility of the Engineer:

- A. The Engineer will locate and reference the control points within or adjacent to the project limits. Locating and referencing the centerline of survey will consist of establishing and referencing the control points of the centerline of surveys such as PC's, PT's and as many POT's as are necessary to provide a line of sight.
- B. Benchmarks will be established along the project.
- C. The Engineer may make random checks of the Contractor's staking to determine if the work is in substantial conformance with the plans. Where the Contractor's work will tie into work that is being or will be done by others, checks will be made to determine if the work is in conformance with the proposed overall grade and horizontal alignment.
- D. The Engineer will make all measurements and take all cross sections from which the various pay items are to be measured.
- E. Where the Contractor, in setting construction stakes, discovers discrepancies, the Engineer will check to determine their nature and make whatever revisions are necessary in the plans, including the re-cross sectioning of the area involved. Any additional re-staking required by the Engineer will be the responsibility of the Contractor. The additional re-staking done by the Contractor will be paid for in accordance with Article 109.04 of the Standard Specifications.
- F. The Engineer will accept responsibility for the accuracy of the initial control points as provided herein.

- G. It is not the responsibility of the Engineer, except as provided herein, to check the correctness of the Contractor's stakes; however, any errors that are apparent will be immediately called to the Contractor's attention and s(he) shall be required to make the necessary correction before the stakes are used for construction purposes.
- H. Where the plan quantities for excavation are to be used as the final pay quantities, the Engineer will make sufficient checks to determine if the work has been completed in substantial conformance with the plan cross sections.

**Responsibility of the Contractor.** The following items are the responsibility of the Contractor:

- A. The Contractor shall establish from the given survey points and benchmarks all the control points necessary to construct the individual project elements. Contractor shall provide the Engineer adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grade stakes, line and grade nails in form work, and/or filed or etched marks in substantially completed construction work.
- B. It is the Contractor's responsibility to tie in centerline control points in order to preserve them during construction operations.
- C. All work shall be in accordance with normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the property of the Engineer at the completion of the project. All notes shall be neat, orderly and in accepted form.
- D. Prior to the beginning of construction activities, all structure centerlines and pier lines are to be established by the Contractor and checked by the Engineer. The Contractor shall provide a detailed structure layout showing span dimensions, staking lines and offset distances.

**Method of Measurement and Basis of Payment.** This work will be paid for at the contract lump sum price for **CONSTRUCTION LAYOUT**, which price shall include payment in full for all labor and materials necessary to perform the work.

**LANDSCAPE RESTORATION – SODDING**

**LANDSCAPE RESTORATION – STONE**

**Description.** This work shall consist of restoring landscaped areas on shallow grade areas adjacent to the roadway or precast modular retaining wall as a result of construction operations for the proposed improvements. See Plans for locations. The work shall include furnishing of 6" of topsoil, preparing the ground for the placement of salt tolerant sodding or landscaping stone, placement of erosion control media, and other materials required in landscaping operations on the disturbed areas as shown in the Plans.

**Construction Requirements.** Restoration work shall be completed at the locations as shown on the plans and as directed by the Engineer.

**Topsoil.** Topsoil shall be furnished and placed according to Section 211 of the Standard Specifications to a depth of 6" in all areas to be sodded. All topsoil placement and preparation shall occur prior to placement of fertilizer, sodding, and mulch blanket/cover.

**Fertilizer.** Fertilizer nutrients shall be uniformly spread over the designated areas immediately prior to sod bed preparation. 120 lb of fertilizer nutrients per acre shall be applied at 1:1 ratio as follows:

- Nitrogen Fertilizer Nutrients - 60 lb/acre
- Potassium Fertilizer Nutrients - 60 lb/acre

Fertilizer shall be delivered in waterproof bags which show the weight, chemical analysis, and name of the manufacturer. This information will be provided to the owner prior to application. The Contractor shall restore, at his/her expense, any existing turf areas damaged by improper application of fertilizer nutrients.

**Sodding.** Sodding shall be salt tolerant. All sodding work, including ground preparation, shall be in accordance with Section 252 of the Standard Specifications. Supplemental watering shall be in accordance with Section 252.09 of the Standard Specifications. Supplemental watering shall be included in the cost of Landscape Restoration – Sodding.

**Erosion Control Blanket.** Erosion control blanket shall be placed within 24 hours after disturbing the ground. Prior to placing the blanket, the areas to be covered shall be relatively free of foreign material. After the area has been properly shaped, the blanket shall be laid out flat, evenly and smoothly, without stretching the material. A biodegradable netless erosion control blanket shall be used and shall consist of an open, flexible and dimensionally stable network of degradable, thermally-bonded wood and crimped, interlocking man-made fibers such as North American Green S75BN or approved equal.

**Stone.** Landscaping stone shall be Red Rotten Granite by Lemke Stone Inc., or an approved equal. See below. Stone shall be placed in a 4" layer.



**Guarantee.** Contractor shall guarantee the sodding for a period of one full growing season from the Date of Substantial Completion of total project for any loss due to faulty materials, workmanship, or procedures. Sodded areas shall have a healthy, uniform, close stand of established grass, free of weeds, surface irregularities and have no bare/dead spots larger than twenty (20) percent of any given three (3) by three (3) foot area. If any area does not meet this criteria contractor shall prepare the soil surface of the rejected areas, install new salt tolerant sod, fertilizer, and mulch, and water until an acceptable stand of grass is established. Any sodded or landscaped area disturbed by these procedures will be restored at the contractor's expense.

**Method of Measurement and Basis of Payment.** This work will be measured and paid for at the contract unit price per square yard as **LANDSCAPE RESTORATION - SODDING**, and **LANDSCAPE RESTORATION – STONE**, at the locations shown on the Plans, which price shall be payment in full for all topsoil, salt tolerant sodding, landscaping stone, erosion control blanket, labor, material, and equipment necessary for the supply, and installation of the salt tolerant sodding or landscaping stone and all incidental work and materials herein specified.

**WALL STAIN AND ANTI-GRAFFITI COATING**

**Description.** This work shall consist of the application of a post-installed wall stain and anti-graffiti coating to the front face of the proposed wall and the exposed portions of the top block.

**Materials.** Contractor shall apply a post-installed stain and anti-graffiti coating. The stain shall be a concrete solid stain by Sherwin Williams, or an approved equal. The color of the stain shall be approved by the City. The Contractor shall provide color samples to the City. Product data for the staining and anti-graffiti coating shall be submitted to the ENGINEER for review.

**Method of Measurement and Basis of Payment.** This work shall be measured and paid for at the contract unit price per square foot for **WALL STAIN AND ANTI-GRAFFITI COATING**, measured from the top of the leveling pad to the top of the wall measured across the front face of the wall and measured along the top exposed surface of the top wall block.

**ITEMS ORDERED BY THE ENGINEER**

**Description.** This item is to provide for adequate budget to cover items not specifically included in the contract prior to the bidding process.


**Construction Requirements.** All work shall conform to appropriate articles of the Standard Specifications, City ordinances, City details and specifications that are considered industry standards or standards set forth by a governing body for the furnishing, fabrication, installation or removal of the included items.

**Materials.** All furnished material shall conform to appropriate articles of the Standard Specifications, City ordinances, City details and specifications that are considered industry standards or standards set forth by a governing body for the furnishing, fabrication, installation or removal of the included items.

**Method of Measurement and Basis of Payment.** This item shall be measured for payment in the appropriate dimensions to for the work performed.

This item shall be paid for at the contract unit price per Dollar for **ITEMS AS ORDERED BY ENGINEER**. Before work begins, the Engineer and the Contractor shall agree to the amount to be paid for each item of work. 1 unit is equal to \$1.00.

ABV	ABOVE	CU YD	CUBIC YARD	HATCH	HATCHING	PM	PAVEMENT MARKING	STD	STANDARD
A/C	ACCESS CONTROL	CULV	CULVERT	HD	HEAD	PED	PEDESTAL	SBI	STATE BOND ISSUE
AC	ACRE	C&G	CURB & GUTTER	HDW	HEADWALL	PNT	POINT	SR	STATE ROUTE
ADJ	ADJUST	D	DEGREE OF CURVE	HDUTY	HEAVY DUTY	PC	POINT OF CURVATURE	STA	STATION
AS	AERIAL SURVEYS	DC	DEPRESSED CURVE	ha	HECTARE	PI	POINT OF INTERSECTION OF HORIZONTAL CURVE	SPBGR	STEEL PLATE BEAM GUARDRAIL
AGG	AGGREGATE	DET	DETECTOR	HMA	HOT MIX ASPHALT	PRC	POINT OF REVERSE CURVE	SS	STORM SEWER
AH	AHEAD	DIA	DIAMETER	HWY	HIGHWAY	PT	POINT OF TANGENCY	STY	STORY
APT	APARTMENT	DIST	DISTRICT	HORIZ	HORIZONTAL	POT	POINT ON TANGENT	ST	STREET
ASPH	ASPHALT	DOM	DOMESTIC	HSE	HOUSE	POLYETH	POLYETHYLENE	STR	STRUCTURE
AUX	AUXILIARY	DBL	DOUBLE	IL	ILLINOIS	PCC	PORTLAND CEMENT CONCRETE	e	SUPERELEVATION RATE
AGS	AUXILIARY GAS VALVE (SERVICE)	DSEL	DOWNSTREAM ELEVATION	IMP	IMPROVEMENT	PP	POWER POLE OR PRINCIPAL POINT	S.E. RUN.	SUPERELEVATION RUNOFF LENGTH
AVE	AVENUE	DSFL	DOWNSTREAM FLOWLINE	IN DIA	INCH DIAMETER	PRM	PRIME	SURF	SURFACE
AX	AXIS OF ROTATION	DR	DRAINAGE OR DRIVE	INL	INLET	PE	PRIVATE ENTRANCE	SMK	SURVEY MARKER
BK	BACK	DI	DRAINAGE INLET OR DROP INLET	INST	INSTALLATION	PROF	PROFILE	T	TANGENT DISTANCE
B-B	BACK TO BACK	DRV	DRIVEWAY	IDS	INTERSECTION DESIGN STUDY	PGL	PROFILE GRADELINE	T.R.	TANGENT RUNOUT DISTANCE
BKPL	BACKPLATE	DCT	DUCT	INV	INVERT	PROJ	PROJECT	TEL	TELEPHONE
B	BARN	EA	EACH	IP	IRON PIPE	P.C.	PROPERTY CORNER	TB	TELEPHONE BOX
BARR	BARRICADE	EB	EASTBOUND	IR	IRON ROD	PL	PROPERTY LINE	TP	TELEPHONE POLE
BL	BASELINE	EOP	EDGE OF PAVEMENT	JT	JOINT	PR	PROPOSED	TEMP	TEMPORARY
BGN	BEGIN	E-CL	EDGE TO CENTERLINE	kg	KILOGRAM	R	RADIUS or RESIDENTUAL	TBM	TEMPORARY BENCH MARK
BM	BENCHMARK	E-E	EDGE TO EDGE	km	KILOMETER	RR	RAILROAD	TD	TILE DRAIN
BIND	BINDER	ELEC	ELECTRICAL	LS	LANDSCAPING	RRS	RAILROAD SPIKE	TBE	TO BE EXTENDED
BIT	BITUMINOUS	EL	ELEVATION	LN	LANE	RPS	REFERENCE POINT STAKE	TBR	TO BE REMOVED
BTM	BOTTOM	ENTR	ENTRANCE	LT	LEFT	REF	REFLECTIVE	TBS	TO BE SAVED
BLVD	BOULEVARD	EXC	EXCAVATION	LIDAR	LIGHT DETECTION AND RANGING	REIN	REINFORCED CONCRETE CULVERT PIPE	TWP	TOWNSHIP
BRK	BRICK	EX	EXISTING	LP	LIGHT POLE	REMF	REINFORCEMENT	TR	TOWNSHIP ROAD
BBOX	BUFFALO BOX	EXPWAY	EXPRESSWAY	LGT	LIGHTING	REM	REMOVAL	TS	TRAFFIC SIGNAL
BLDG	BUILDING	E	EXTERNAL DISTANCE OF HORIZONTAL CURVE	LF	LINEAL FEET OR LINEAR FEET	RC	REMOVE CROWN	TSCB	TRAFFIC SIGNAL CONTROL BOX
CATV	CABLE	E	OFFSET DISTANCE TO VERTICAL CURVE	L	LITER OR CURVE LENGTH	REP	REPLACEMENT	TSC	TRAFFIC SYSTEMS CENTER
CIP	CAST IRON PIPE	F-F	FACE TO FACE	LC	LONG CHORD	REST	RESTAURANT	TRVS	TRANSVERSE
CB	CATCH BASIN	FA	FEDERAL AID	LNG	LONGITUDINAL	RESURF	RESURFACING	TRVL	TRAVEL
C-C	CENTER TO CENTER	FAI	FEDERAL AID INTERSTATE	L SUM	LUMP SUM	RET	RETAINING	TRN	TURN
CL	CENTERLINE OR CLEARANCE	FAP	FEDERAL AID PRIMARY	MACH	MACHINE	RT	RIGHT	TY	TYPE
CL-E	CENTERLINE TO EDGE	FAS	FEDERAL AID SECONDARY	MB	MAIL BOX	ROW	RIGHT-OF-WAY	T-A	TYPE A
CL-F	CENTERLINE TO FACE	FAUS	FEDERAL AID URBAN SECONDARY	MH	MANHOLE	RD	ROAD	TYP	TYPICAL
CTS	CENTERS	FP	FENCE POST	MATL	MATERIAL	RDWY	ROADWAY	UNDGND	UNDERGROUND
CERT	CERTIFIED	OPT	FIBER OPTIC	MED	MEDIAN	RTE	ROUTE	USGS	U.S. GEOLOGICAL SURVEY
CHSLD	CHISELED	FE	FIELD ENTRANCE	m	METER	SAN	SANITARY	USEL	UPSTREAM ELEVATION
CS	CITY STREET	FH	FIRE HYDRANT	METH	METHOD	SANS	SANITARY SEWER	USFL	UPSTREAM FLOWLINE
CP	CLAY PIPE	FL	FLOW LINE	M	MID-ORDINATE	SEC	SECTION	UTIL	UTILITY
CLSD	CLOSED	FB	FOOT BRIDGE	mm	MILLIMETER	SEED	SEEDING	VBOX	VALVE BOX
CLID	CLOSED LID	FDN	FOUNDATION	mm DIA	MILLIMETER DIAMETER	SHAP	SHAPING	VV	VALVE VAULT
CT	COAT OR COURT	FR	FRAME	MIX	MIXTURE	S	SHED	VLT	VAULT
COMB	COMBINATION	F&G	FRAME & GRATE	MBH	MOBILE HOME	SH	SHEET	VEH	VEHICLE
C	COMMERCIAL BUILDING	FRWAY	FREEWAY	MOD	MODIFIED	SHLD	SHOULDER	VP	VENT PIPE
CE	COMMERCIAL ENTRANCE	GAL	GALLON	MFT	MOTOR FUEL TAX	SW	SIDEWALK OR SOUTHWEST	VERT	VERTICAL
CONC	CONCRETE	GALV	GALVANIZED	N & BC	NAIL & BOTTLE CAP	SIG	SIGNAL	VC	VERTICAL CURVE
CONST	CONSTRUCT	G	GARAGE	N & C	NAIL & CAP	SOD	SODDING	VPC	VERTICAL POINT OF CURVATURE
CONTD	CONTINUED	GM	GAS METER	N & W	NAIL & WASHER	SM	SOLID MEDIUM	VPI	VERTICAL POINT OF INTERSECTION
CONT	CONTINUOUS	GV	GAS VALVE	NC	NORMAL CROWN	SB	SOUTHBOUND	VPT	VERTICAL POINT OF TANGENCY
COR	CORNER	GIS	GEOGRAPHICAL INFORMATION SYSTEM	NB	NORTHBOUND	SE	SOUTHEAST	WM	WATER METER
CORR	CORRUGATED	GRAN	GRANULAR	NE	NORTHEAST	SPL	SPECIAL	WV	WATER VALVE
CMP	CORRUGATED METAL PIPE	GR	GRATE	NW	NORTHWEST	SD	SPECIAL DITCH	WMAIN	WATER MAIN
CNTY	COUNTY	GRVL	GRAVEL	O/S	OFFSET	SQ FT	SQUARE FEET	WB	WESTBOUND
CH	COUNTY HIGHWAY	GND	GROUND	O&C	OIL AND CHIP	m <sup>2</sup>	SQUARE METER	WILDFL	WILDFLOWERS
CSE	COURSE	GUT	GUTTER	OLID	OPEN LID	mm <sup>2</sup>	SQUARE MILLIMETER	W	WITH
XSECT	CROSS SECTION	GP	GUY POLE	PAT	PATTERN	SQ YD	SQUARE YARD	WO	WITHOUT
m <sup>3</sup>	CUBIC METER	GW	GUY WIRE	PVD	PAVED	STB	STABILIZED		
mm <sup>3</sup>	CUBIC MILLIMETER	HH	HANDHOLE	PVMT	PAVEMENT				


 Illinois Department of Transportation	
APPROVED _____ January 1, 2026	ISSUED 1-1-97
ENGINEER OF POLICY AND PROCEDURES	
APPROVED _____ January 1, 2026	
ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS
1-1-26	Updated bike lane symbol, bike shared roadway symbol, and signing items.
1-1-21	Updated fonts, abbreviations, and symbols.

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

**STANDARD 000001-09**

<u>ADJUSTMENT ITEMS</u>			<u>ALIGNMENT ITEMS</u>			<u>DRAINAGE ITEMS</u>		
	<u>EX</u>	<u>PR</u>		<u>EX</u>	<u>PR</u>		<u>EX</u>	<u>PR</u>
Structure To Be Adjusted		ADJ	Baseline	_____	_____	Channel or Stream Line	-----	-----
Structure To Be Cleaned		C	Centerline	-----	-----	Culvert Line	-----	_____
Main Structure To Be Filled		FM	Centerline Break Circle	○	⊙	Grading & Shaping Ditches	-----	-----
Structure To Be Filled		F	Baseline Symbol	⊥	⊥	Drainage Boundary Line	-----	-----
Structure To Be Filled Special		FSP	Centerline Symbol		⊥	Paved Ditch	-----	-----
Structure To Be Removed		R	PI Indicator	△	△	Aggregate Ditch	-----	-----
Structure To Be Reconstructed		REC	Point Indicator	○	○	Pipe Underdrain	-----	-----
Structure To Be Reconstructed Special		RSP	Horizontal Curve Data (Half Size)	EX. CURVE P.I. STA= Δ= D= R= T= L= E= e= T.R.= S.E. RUN= P.C. STA= P.T. STA=	CURVE P.I. STA= Δ= D= R= T= L= E= e= T.R.= S.E. RUN= P.C. STA= P.T. STA=	Storm Sewer	-----	-----
Frame and Grate To Be Adjusted		A	<u>BOUNDARIES ITEMS</u>				<u>EX</u>	<u>PR</u>
Frame and Lid To Be Adjusted		A	Dashed Property Line	-----		Flowline	⊥	⊥
Domestic Service Box To Be Adjusted		A	Solid Property/Lot Line	_____		Ditch Check	◆	◆
Valve Vault To Be Adjusted		A	Section/Grant Line	-----		Headwall	—	—
Special Adjustment		SP	Quarter Section Line	-----		Inlet	□	□
Item To Be Abandoned		AB	Quarter/Quarter Section Line	-----		Manhole	⊙	⊙
Item To Be Moved		M	County/Township Line	-----		Summit	↔	↔
Item To Be Relocated		REL	State Line	-----		Roadway Ditch Flow	~→	~→
Pavement Removal and Replacement			Chiseled Square Found	□		Swale	—▶	—▶
			Iron Pipe Found	○		Catch Basin	○	●
			Iron Pipe Set	●		Culvert End Section	◁	◁
			Survey Marker	⊙		Water Surface Indicator	▽	▽
			Property Line Symbol	⊥		Riprap	▨	▨
			Same Ownership Symbol (Half Size)	↗		<u>HYDRAULICS ITEMS</u>		
			Northwest Quarter Corner (Half Size)	⊙		Overflow	↪	
			Section Corner (Half Size)	⊙		Sheet Flow	↪	
			Southeast Quarter Corner (Half Size)	⊙		Hydrant Outlet	➔	


 Illinois Department of Transportation  
 APPROVED January 1, 2026  
*Mark K. Wood*  
 ENGINEER OF POLICY AND PROCEDURES  
 APPROVED January 1, 2026  
*John Doe*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

**STANDARD SYMBOLS,  
 ABBREVIATIONS,  
 AND PATTERNS**

(Sheet 2 of 9)

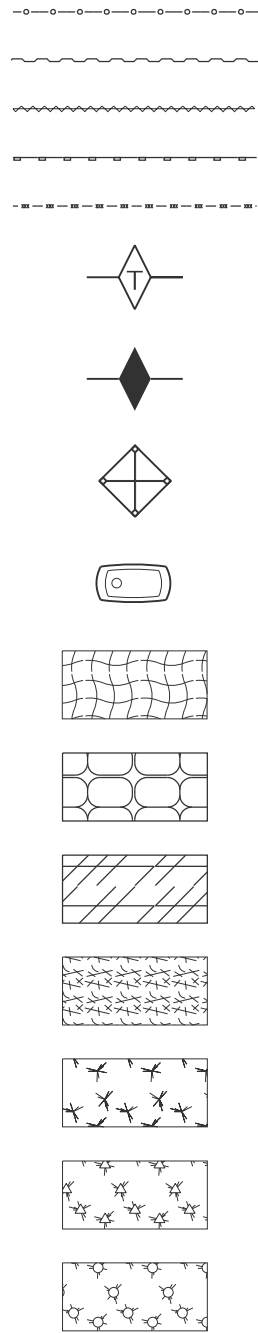
**STANDARD 000001-09**

**EROSION & SEDIMENT CONTROL ITEMS**

**EX**

**PR**

- Cleaning & Grading Limits
- Dike
- Erosion Control Fence
- Perimeter Erosion Barrier
- Temporary Fence
- Ditch Check Temporary
- Ditch Check Permanent
- Inlet & Pipe Protection
- Sediment Basin
- Erosion Control Blanket
- Fabric Formed Concrete Revetment Mat
- Turf Reinforcement Mat
- Mulch Temporary
- Mulch Method 1
- Mulch Method 2 Stabilized
- Mulch Method 3 Hydraulic

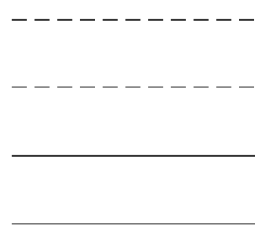


**CONTOUR ITEMS**

**EX**

**PR**

- Approx. Index Line
- Approx. Intermediate Line
- Index Contour
- Intermediate Contour

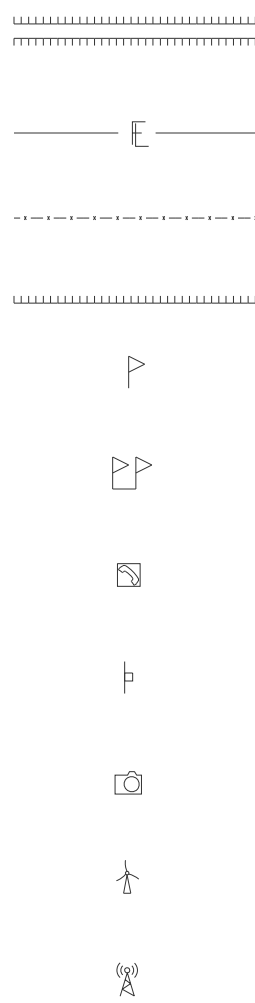


**NON-HIGHWAY IMPROVEMENT ITEMS**

**EX**

**PR**

- Noise Attn./Levee
- Field Line
- Fence
- Base of Levee
- Mailbox
- Multiple Mailboxes
- Pay Telephone
- Advertising Sign
- \*ITS Camera
- Wind Turbine
- Cellular Tower
- \*Intelligent Transportation Systems

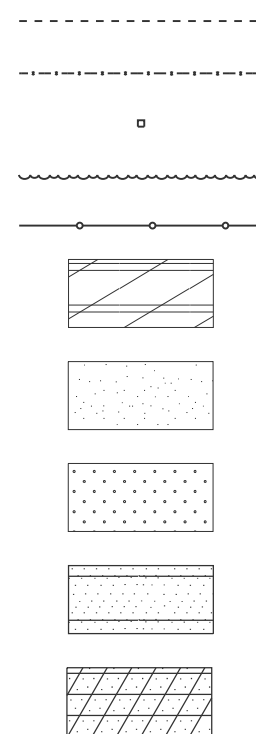


**LANDSCAPING ITEMS**

**EX**

**PR**

- Contour Mounding Line
- Fence
- Fence Post
- Shrubs
- Mowline
- Perennial Plants
- Seeding Class 2
- Seeding Class 2A
- Seeding Class 4
- Seeding Class 4 & 5 Combined

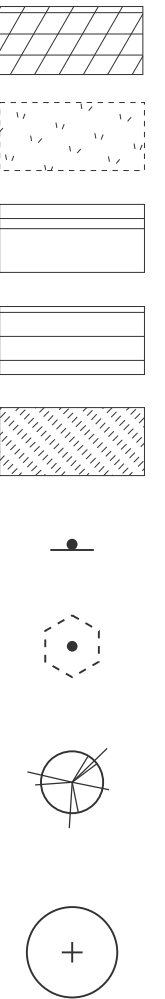


**EXISTING LANDSCAPING ITEMS (contd.)**

**EX**

**PR**

- Seeding Class 5
- Seeding Class 7
- Seedlings Type 1
- Seedlings Type 2
- Sodding
- Mowstake w/Sign
- Tree Trunk Protection
- Evergreen Tree
- Shade Tree

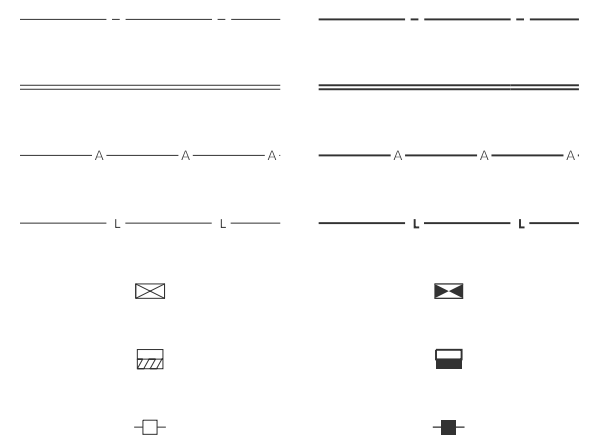


**LIGHTING**

**EX**

**PR**

- Duct
- Conduit
- Electrical Aerial Cable
- Electrical Buried Cable
- Controller
- Underpass Luminaire
- Power Pole

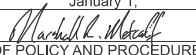


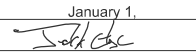
**STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS**

(Sheet 3 of 9)

**STANDARD 000001-09**

Illinois Department of Transportation

APPROVED January 1, 2026  
  
 ENGINEER OF POLICY AND PROCEDURES

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 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

**LIGHTING  
(contd.)**

**EX**

**PR**

Pull Point



Handhole



Heavy Duty Handhole



Junction Box



Light Unit Comb.



Electrical Ground



Traffic Flow Arrow



High Mast Pole  
(Half Size)



Light Unit-1



**PAVEMENT (MISC.)**

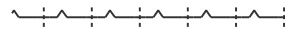
**EX**

**PR**

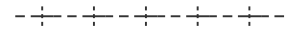
Keyed Long. Joint



Keyed Long. Joint w/Tie Bars



Sawed Long. Joint w/Tie Bars



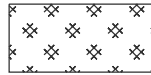
Bituminous Shoulder



Bituminous Taper



Stabilized Driveway



Widening



**PAVEMENT MARKINGS**

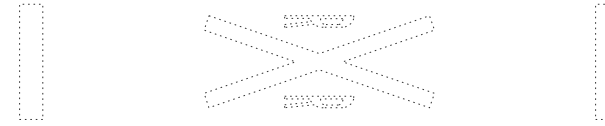
**EX**

**PR**

Handicap Symbol



RR Crossing



Raised Marker Amber 1 Way



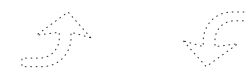
Raised Marker Amber 2 Way



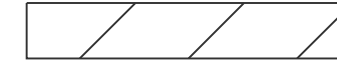
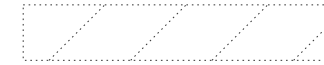
Raised Marker Crystal 1 Way



Two Way Turn Left



Shoulder Diag. Pattern



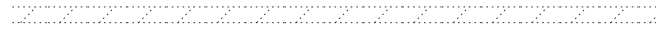
Skip-Dash White



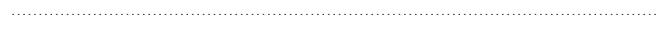
Skip-Dash Yellow



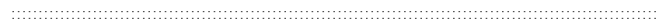
Stop Line



Solid Line



Double Centerline



Dotted Lines



**PAVEMENT MARKINGS**  
**(contd.)**

CL 2Ln 2Way  
RRPM 12.2 m (40') o.c.

CL 2Ln 2Way  
RRPM 80' (24.4 m) o.c.

CL Multilane Div.  
RRPM 40' (12.2 m) o.c.

CL Multilane Div.  
RRPM 80' (24.4 m) o.c.

CL Multilane Div. Dbl.  
RRPM 80' (24.4 m) o.c.

CL Multilane Undiv.

Two Way Turn Left Line

Urban Combination Left

Urban Combination Right

Urban Left Turn Arrow

Urban Right Turn Arrow

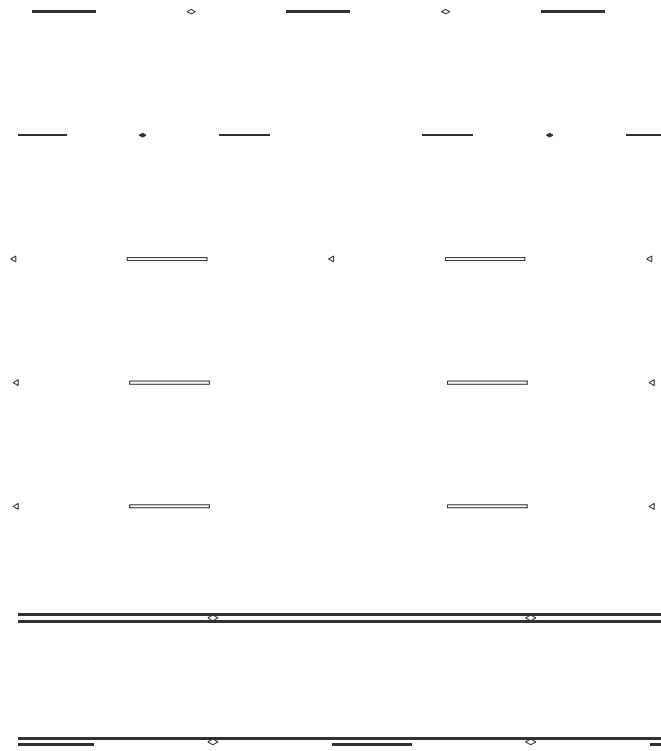
Urban Left Turn Only

Urban Right Turn Only

Urban Thru Only

**EX**

**PR**



ONLY  
ONLY  
ONLY

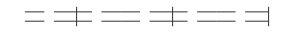


**RAILROAD ITEMS**

**EX**

**PR**

Abandoned Railroad



Railroad



Railroad Point



Control Box



Crossing Gate



Flashing Signal



Railroad Cant. Mast Arm



Crossbuck

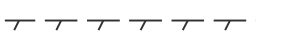


**REMOVAL ITEMS**

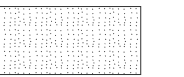
**EX**

**PR**

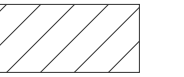
Removal Tic



Bituminous Removal



Hatch Pattern



Tree Removal Single



**RIGHT OF WAY ITEMS**

**EX**

**PR**

Future ROW Corner Monument



ROW Marker



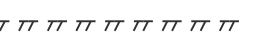
ROW Line



Easement



Temporary Easement



**STANDARD SYMBOLS,  
ABBREVIATIONS,  
AND PATTERNS**

(Sheet 5 of 9)

**STANDARD 000001-09**

Illinois Department of Transportation

APPROVED January 1, 2026  
*Mark H. Wood*  
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2026  
*Subh Chak*  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

Urban LT & RT Turn Arrow

Urban Thru Arrow

**PAVEMENT MARKINGS**  
**(contd.)**

**EX**

**PR**

Urban U-Turn



Urban Combined U-Turn



Rural Combination Left



Rural Combination Right



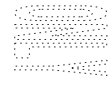
Rural Left Turn Arrow



Rural Right Turn Arrow



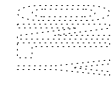
Rural Left Turn Only



**ONLY ONLY ONLY**



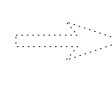
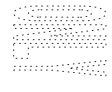
Rural Right Turn Only



**ONLY ONLY ONLY**



Rural Thru Only



**ONLY ONLY ONLY**



Rural Thru Arrow



Rural Lt & Rt Turn Arrow



Bike Lane Symbol



Bike Lane Text



Bike Path Shared



Bike Shared Roadway



Lane Drop Symbol



Wrong Way Arrow



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**STANDARD SYMBOLS,  
ABBREVIATIONS,  
AND PATTERNS**

(Sheet 6 of 9)

**STANDARD 000001-09**

**RIGHT OF WAY ITEMS  
(contd.)**

	<u>EX</u>	<u>PR</u>
Access Control Line		
Access Control Line & ROW		
Access Control Line & ROW with Fence		
Excess ROW Line		

**ROADWAY PLAN  
ITEMS**

	<u>EX</u>	<u>PR</u>
Cable Barrier		
Concrete Barrier		
Edge of Pavement		
Bit Shoulders, Medians and C&G Line		
Aggregate Shoulder		
Sidewalks, Driveways		
Guardrail		
Guardrail Post		
Traffic Sign		
Corrugated Median		
Impact Attenuator		
North Arrow with District Office (Half Size)		
Match Line		
Slope Limit Line		
Typical Cross-Section Line		

**ROADWAY PROFILES**

	<u>EX</u>	<u>PR</u>
P.I. Indicator		
Point Indicator		
Earthworks Balance Point		
Begin Point		
Vert. Curve Data	VPI = ELEV = L = E =	VPI = ELEV = L = E =
Ditch Profile Left Side		
Ditch Profile Right Side		
Roadway Profile Line		
Storm Sewer Profile Left Side		
Storm Sewer Profile Right Side		

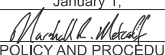
**SIGNING ITEMS**

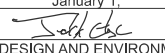
	<u>EX</u>	<u>PR</u>
Cone, Drum or Barricade		
Barricade Type II		
Barricade Type III		
Barricade With Edge Line		
Flashing Light Sign		
Vertical Panels		
Direction of Traffic		
Sign Flag (Half Size)		
Reverse Left W1-4L (Half Size)		
Reverse Right W1-4R (Half Size)		

**SIGNING ITEMS  
(contd.)**

	<u>EX</u>	<u>PR</u>
Two Way Traffic Sign W6-3 (Half Size)		
Detour Ahead W20-2(O) (Half Size)		
Left Lane Closed Ahead W20-5L(O) (Half Size)		
Right Lane Closed Ahead W20-5R(O) (Half Size)		
Road Closed Ahead W20-3(O) (Half Size)		
Road Construction Ahead W20-I103(O) (Half Size)		
One Lane Road Ahead W20-4(O) (Half Size)		
Lane Ends W4-2R(O) (Half Size)		
Lane Ends W4-2L(O) (Half Size)		
One Way Arrow Lrg. W1-6-(O) (Half Size)		
Two Way Arrow Large W1-7-(O) (Half Size)		

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APPROVED January 1, 2026  
  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2026  
  
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**STANDARD SYMBOLS,  
ABBREVIATIONS,  
AND PATTERNS**

(Sheet 7 of 9)

**STANDARD 000001-09**

**SIGNING ITEMS  
(contd.)**

**EX**

**PR**

Detour M4-10L-(O)  
(Half Size)



Detour M4-10R-(O)  
(Half Size)



One Way Left R6-1L  
(Half Size)



One Way Right R6-1R  
(Half Size)



Left Turn Lane R3-I100L  
(Half Size)



Keep Right R4-7



Keep Right R4-7AR  
(Half Size)



Keep Left R4-8



Keep Left R4-8AL  
(Half Size)



Stop Here On Red R10-6-AL  
(Half Size)



Stop Here On Red R10-6-AR  
(Half Size)



No Left Turn R3-2  
(Half Size)



No Right Turn R3-1  
(Half Size)



Road Closed R11-2  
(Half Size)



Road Closed Thru Traffic R11-4  
(Half Size)



**STRUCTURES ITEMS**

**EX**

**PR**

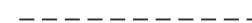
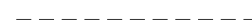
Box Culvert Barrel



Box Culvert Headwall



Bridge Pier



Bridge



Retaining Wall



Temporary Sheet Piling



**TRAFFIC SHEET  
ITEMS**

**EX**

**PR**

Cable Number



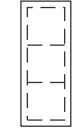
Left Turn Green



Left Turn Yellow



Signal Backplate



Signal Section 8" (200 mm)



Signal Section 12" (300 mm)



Walk/Don't Walk Letters



Walk/Don't Walk Symbols

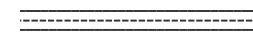
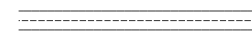


**TRAFFIC SIGNAL  
ITEMS**

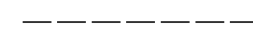
**EX**

**PR**

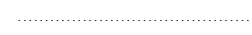
Galv. Steel Conduit



Underground Cable



Detector Loop Line



Detector Loop Large



Detector Loop Small



Detector Loop Quadrapole



Detector Raceway



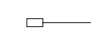
Aluminum Mast Arm



Steel Mast Arm



Veh. Detector Magnetic



Conduit Splice



**TRAFFIC SIGNAL  
ITEMS (contd.)**

**EX**

**PR**

Controller



Gulfbox Junction



Wood Pole



Temp. Signal Head



Handhole



Double Handhole



Heavy Duty Handhole



Junction Box



Ped. Pushbutton Detector



Ped. Signal Head



Power Pole Service



Priority Veh. Detector



Signal Head



Signal Head w/Backplate



Signal Post



Closed Circuit TV



Video Detector System



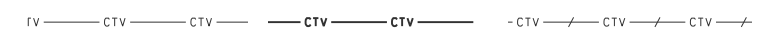
**UNDERGROUND  
UTILITY ITEMS**

**EX**

**PR**

**ABANDONED**

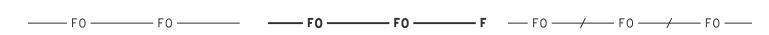
Cable TV



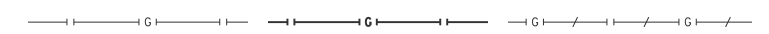
Electric Cable



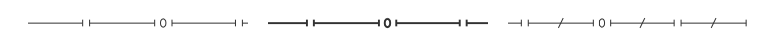
Fiber Optic



Gas Pipe



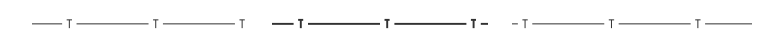
Oil Pipe



Sanitary Sewer



Telephone Cable



Water Pipe



Illinois Department of Transportation

APPROVED January 1, 2026  
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APPROVED January 1, 2026  
*Scott C. C...*  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

**STANDARD SYMBOLS,  
ABBREVIATIONS,  
AND PATTERNS** (Sheet 8 of 9)

**STANDARD 000001-09**

**UTILITIES ITEMS**

**EX**

**PR**

Controller		
Double Handhole		
Fire Hydrant		
GuyWire or Deadman Anchor		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Pole		
Manhole		
Monitoring Well (Gasoline)		
Pipeline Warning Sign		
Power Pole		
Power Pole with Light		
Sanitary Sewer Cleanout		
Splice Box Above Ground		
Telephone Splice Box Above Ground		
Telephone Pole		
Traffic Signal		
Traffic Signal Control Box		
Water Meter		
Water Meter Valve Box		
Profile Line		
Aerial Power Line		

**VEGETATION ITEMS**

**EX**

**PR**

Deciduous Tree	
Bush or Shrub	
Evergreen Tree	
Stump	
Orchard/Nursery Line	
Vegetation Line	
Woods & Bush Line	

**WATER FEATURE ITEMS**

**EX**

**PR**

Stream or Drainage Ditch	
Waters Edge	
Water Surface Indicator	
Water Point	
Disappearing Ditch	
Marsh	
Marsh/Swamp Boundary	

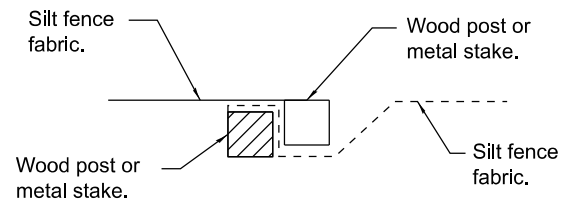
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 APPROVED January 1, 2026  
  
 ENGINEER OF POLICY AND PROCEDURES  
 APPROVED January 1, 2026  
  
 ENGINEER OF DESIGN AND ENVIRONMENT

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**STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS**

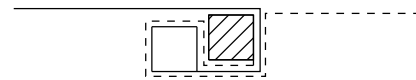
(Sheet 9 of 9)

**STANDARD 000001-09**



Place end-post (stake) of first silt fence adjacent to end-post (stake) of second silt fence with fabric positioned as shown.

**STEP 1**

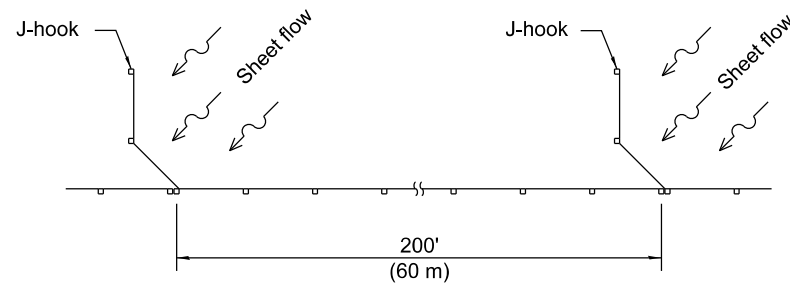


Rotate posts (stakes) together 180° clockwise and drive both posts (stakes) 18 (450) into ground.

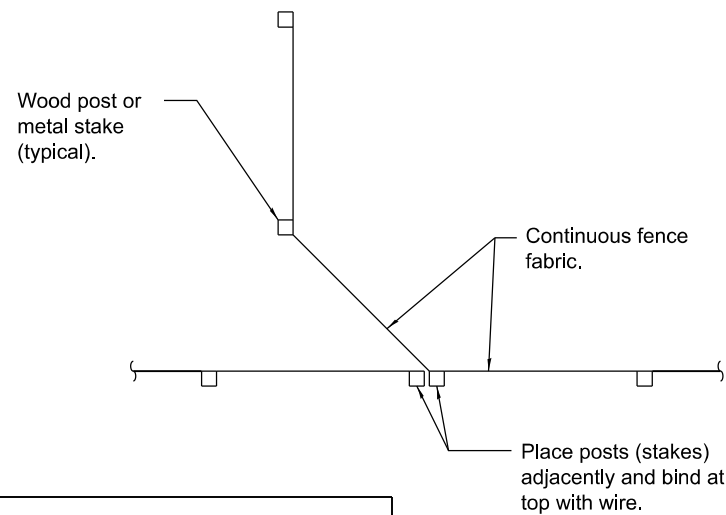
**STEP 2**

**ATTACHING TWO SILT FILTER FENCES**

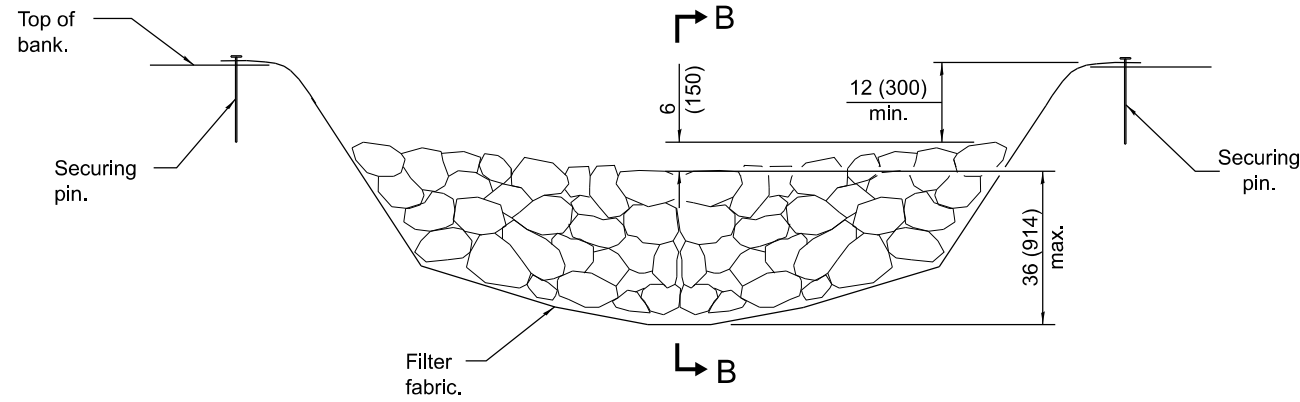
(Not applicable for J-hooks)



**SILT FILTER J-HOOK PLACEMENT**

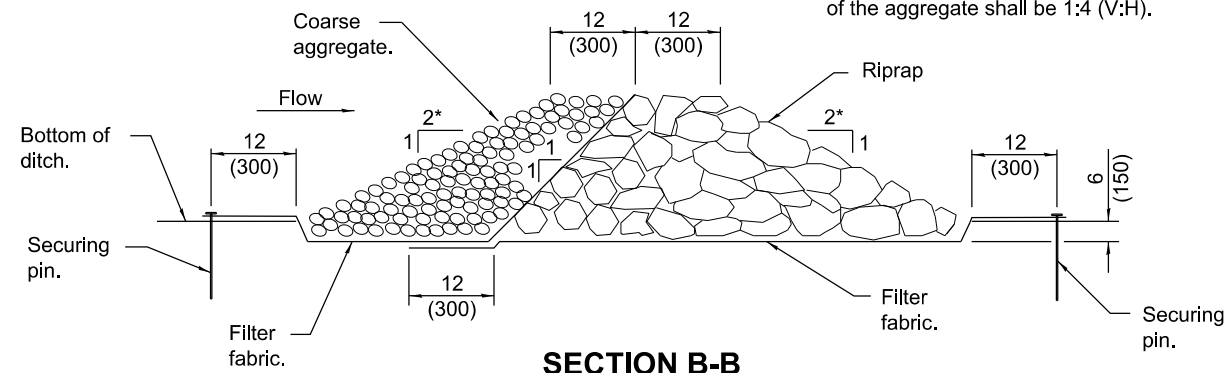


**J-HOOK**



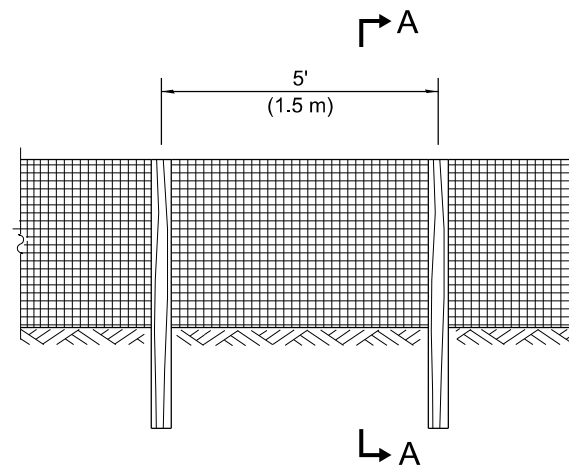
**ELEVATION**

\* When the ditch check is within the clear zone and the road is open to traffic, the traffic approach slope of the aggregate shall be 1:4 (V:H).



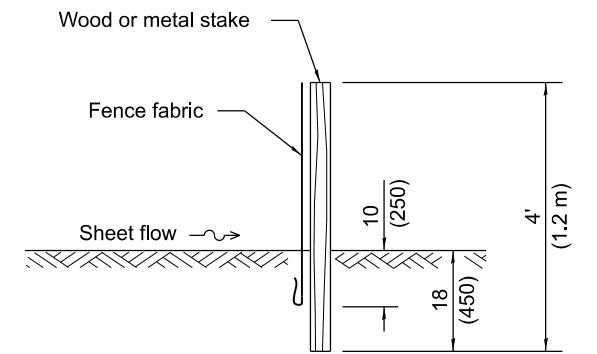
**SECTION B-B**

**AGGREGATE DITCH CHECK**

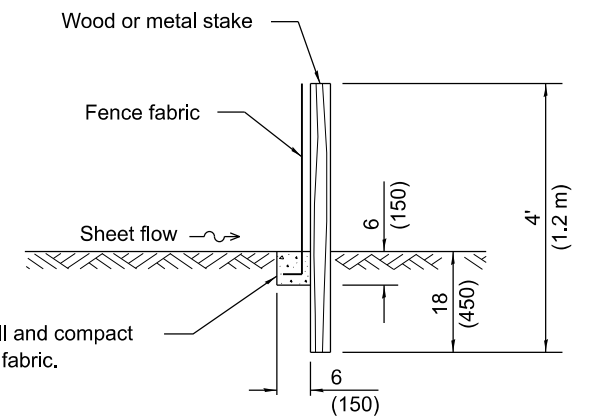


**ELEVATION**

**SILT FILTER FENCE AS A PERIMETER EROSION BARRIER**



**SLICE METHOD**



**TRENCH METHOD**

**SECTION A-A**

Excavate, backfill and compact trench to secure fabric.

**GENERAL NOTES**

The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.

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

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APPROVED January 1, 2013  
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APPROVED January 1, 2013  
*[Signature]*  
 ENGINEER OF DESIGN AND ENVIRONMENT

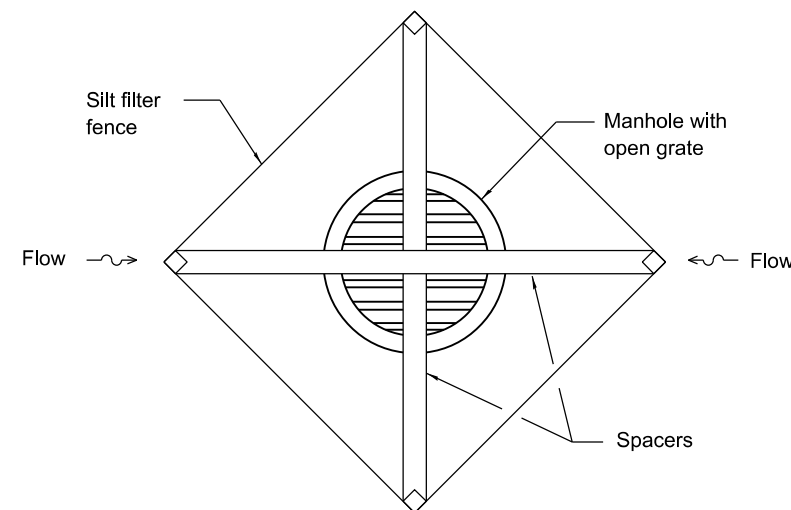
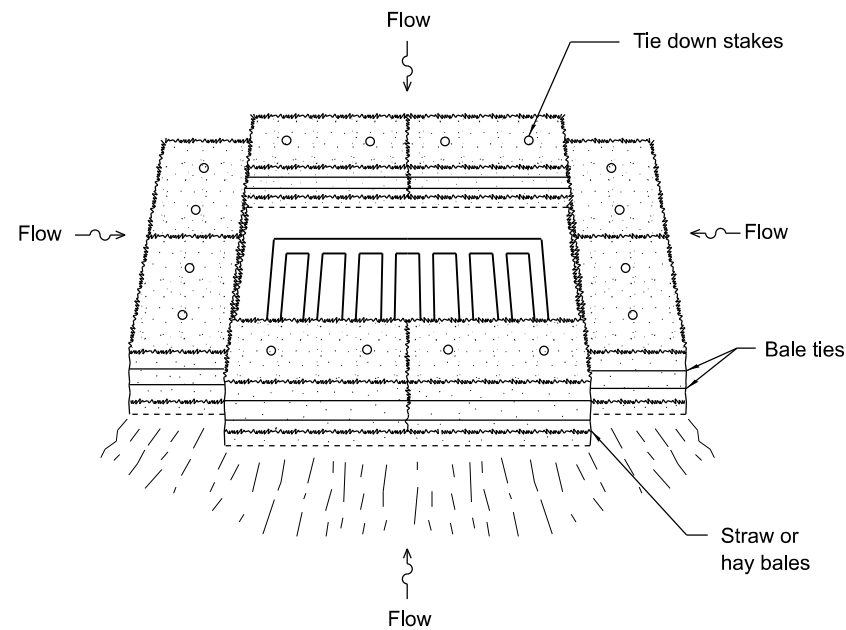
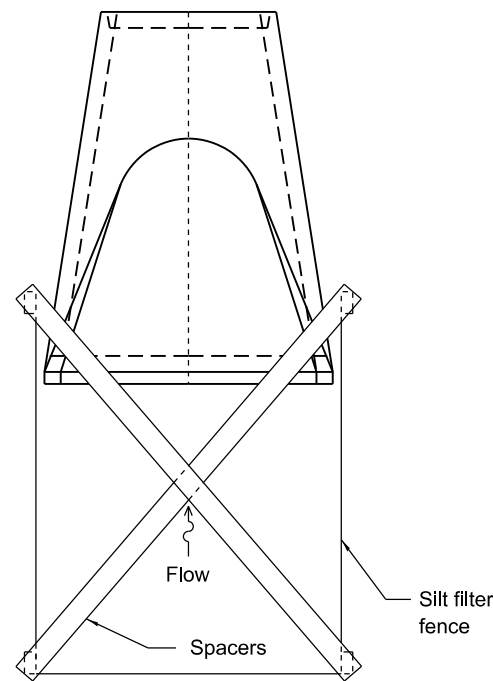
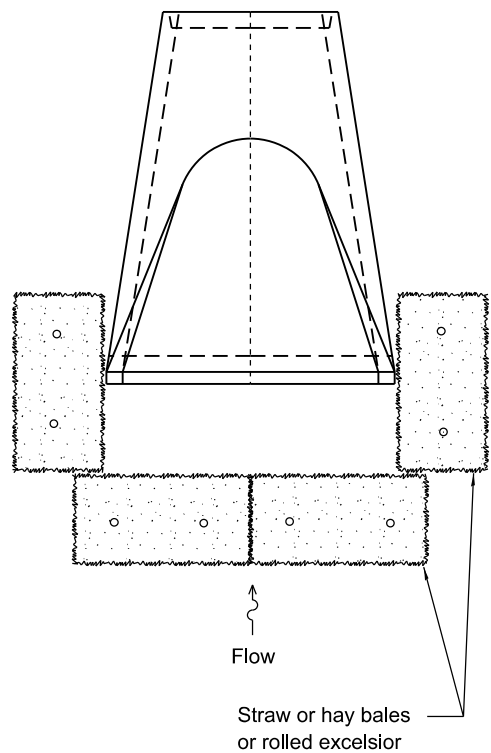
ISSUED 1-1-97

DATE	REVISIONS
1-1-13	Corrected notation for flowline (f) on SEDIMENT BASIN ELEVATION
1-1-12	Omitted hay/straw perimeter barrier. Added SLICE METHOD to SECTION A-A

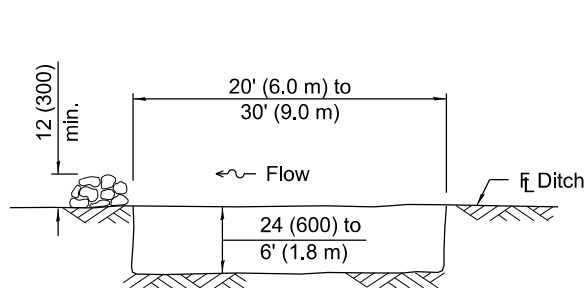
**TEMPORARY EROSION CONTROL SYSTEMS**

(Sheet 1 of 2)

**STANDARD 280001-07**

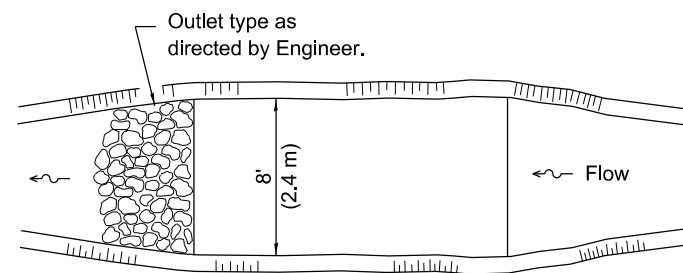


**INLET AND PIPE PROTECTION**



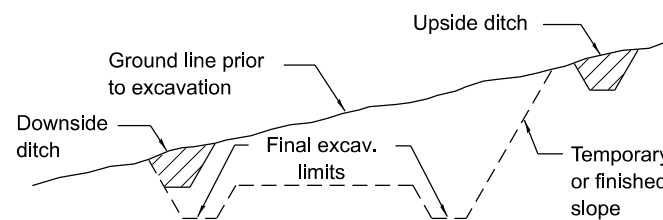
The performance of the basin will improve if put into a series.

**ELEVATION**

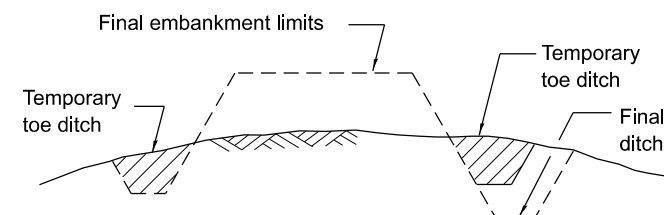


The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

**PLAN**



**TYPICAL CUT CROSS-SECTION**



**TYPICAL FILL CROSS-SECTION**

**TEMPORARY DITCHES FOR CUT & FILL SECTIONS**

**SEDIMENT BASIN**

Illinois Department of Transportation

APPROVED January 1, 2013  
*Michael Brand*  
 ENGINEER OF POLICY AND PROCEDURES

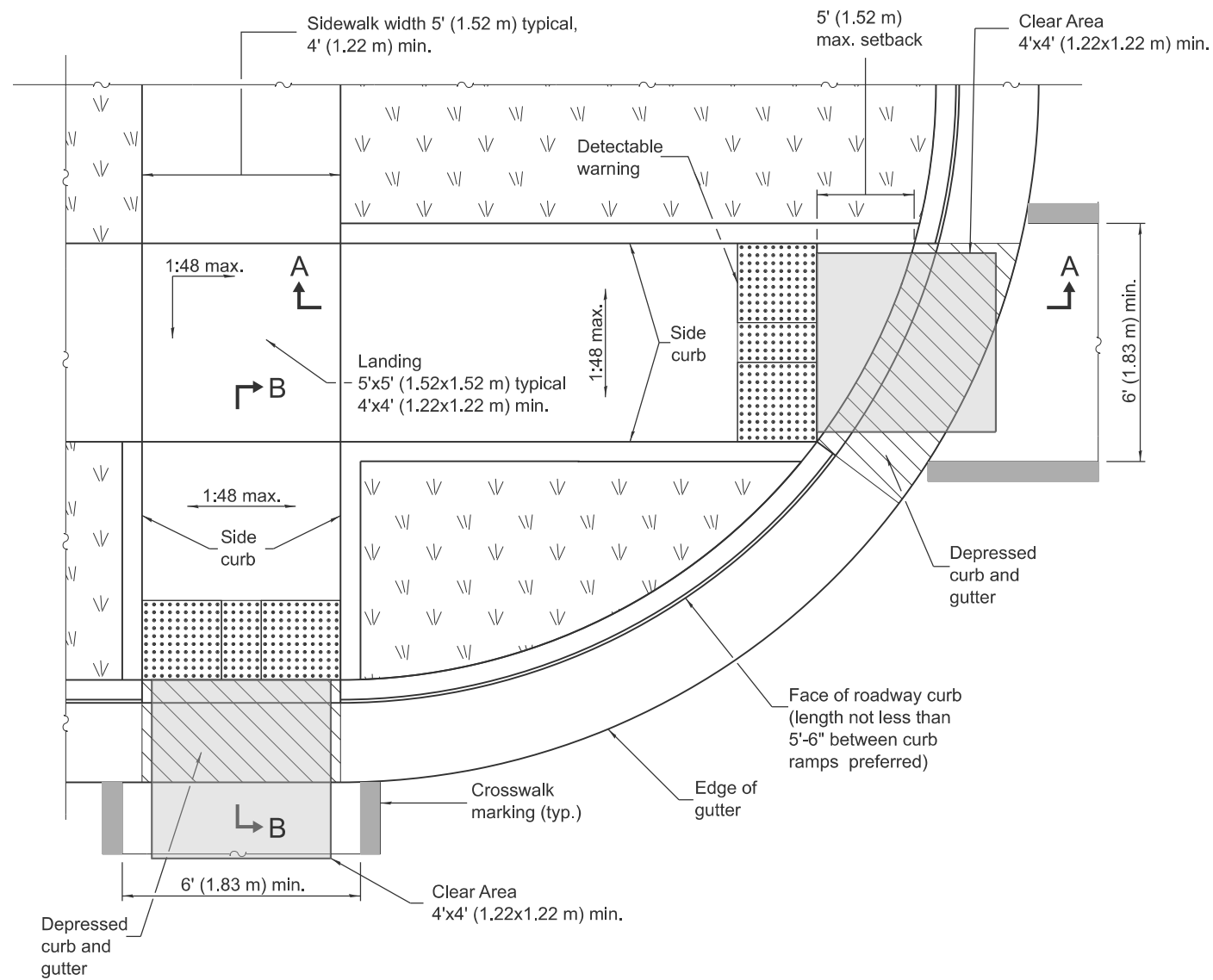
APPROVED January 1, 2013  
*[Signature]*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

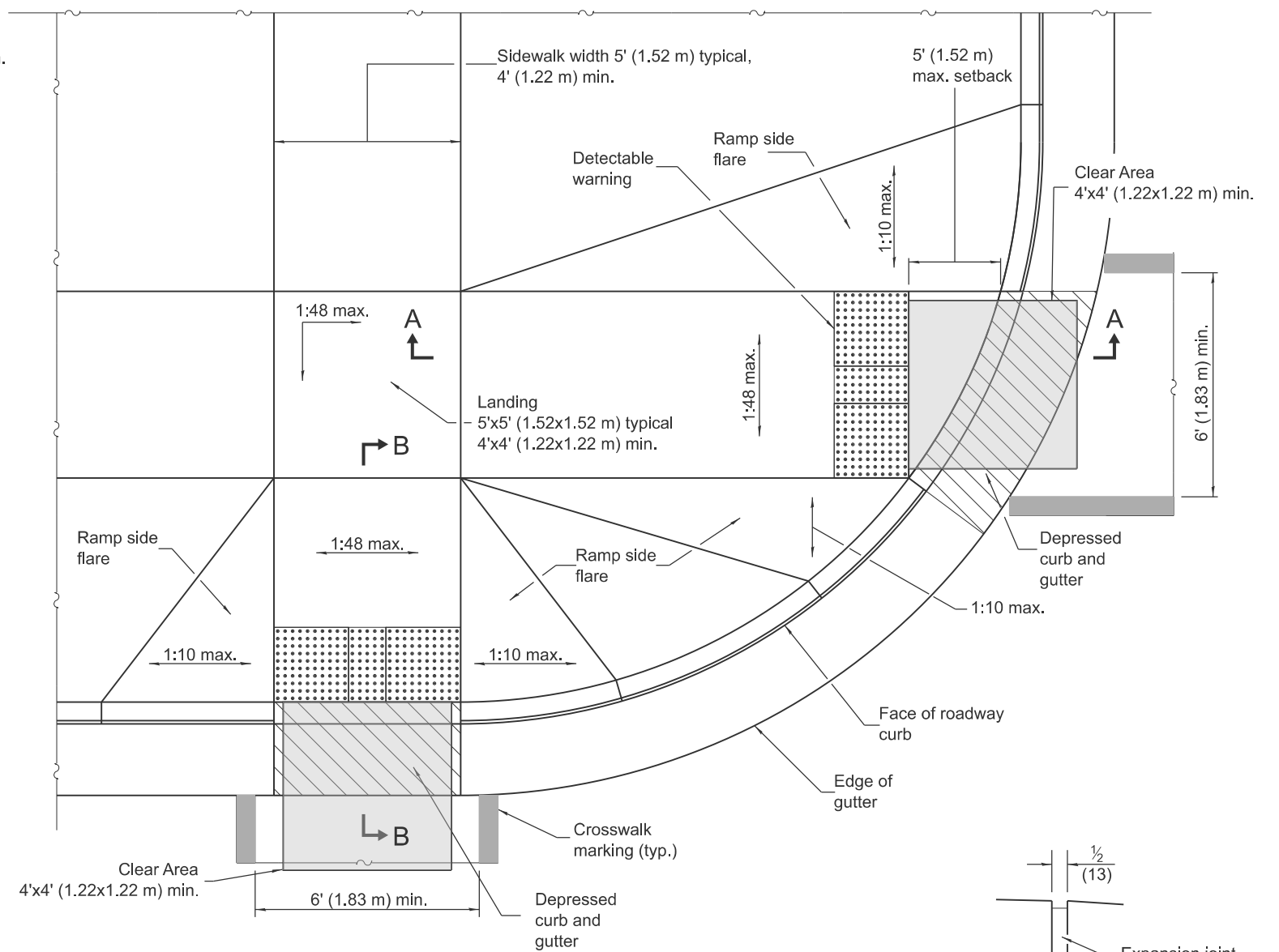
**TEMPORARY EROSION CONTROL SYSTEMS**

(Sheet 2 of 2)

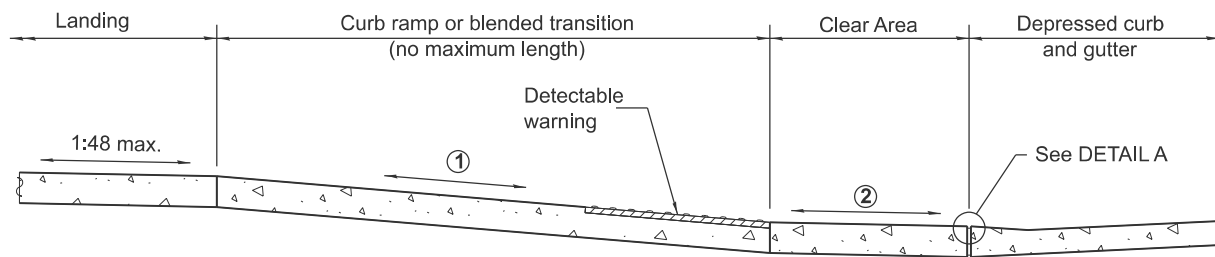
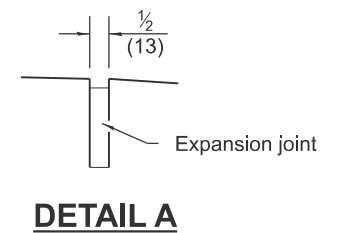
**STANDARD 280001-07**



**RAMPS IN LANDSCAPED AREA  
SETBACK ≤ 5'**

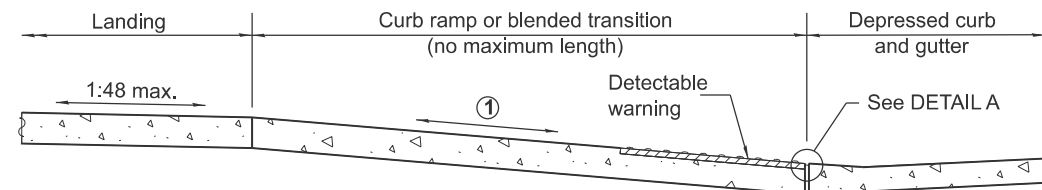


**RAMPS IN PAVED AREA  
SETBACK ≤ 5'**



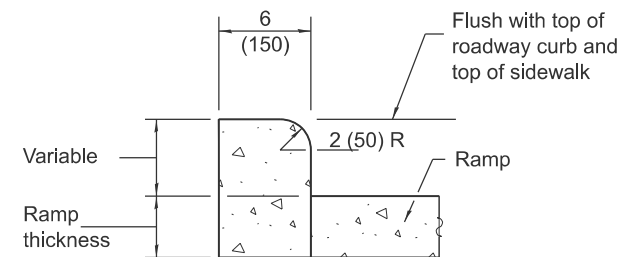
**SECTION A-A**

- ① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.
- ② Clear Area shall be located outside the travel lane inclusive of any bicycle lanes. The running slope shall be 1:20 max and the cross slope shall be:
  - Signalized/Uncontrolled Intersection - 1:20
  - Yield/Stop Controlled Intersection - 1:48
  - Midblock - grade of the road



**SECTION B-B**

- ① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.



**SIDE CURB DETAIL**

See Sheet 2 for GENERAL NOTES.

DATE	REVISIONS
1-1-25	Indicated "Clear Area" Location and updated cross-slopes.
1-1-19	Removed "15-foot rule", added "Blended transitions" and placement tolerances for detectable warnings.

**PERPENDICULAR CURB  
RAMPS FOR SIDEWALKS**

(Sheet 1 of 2)

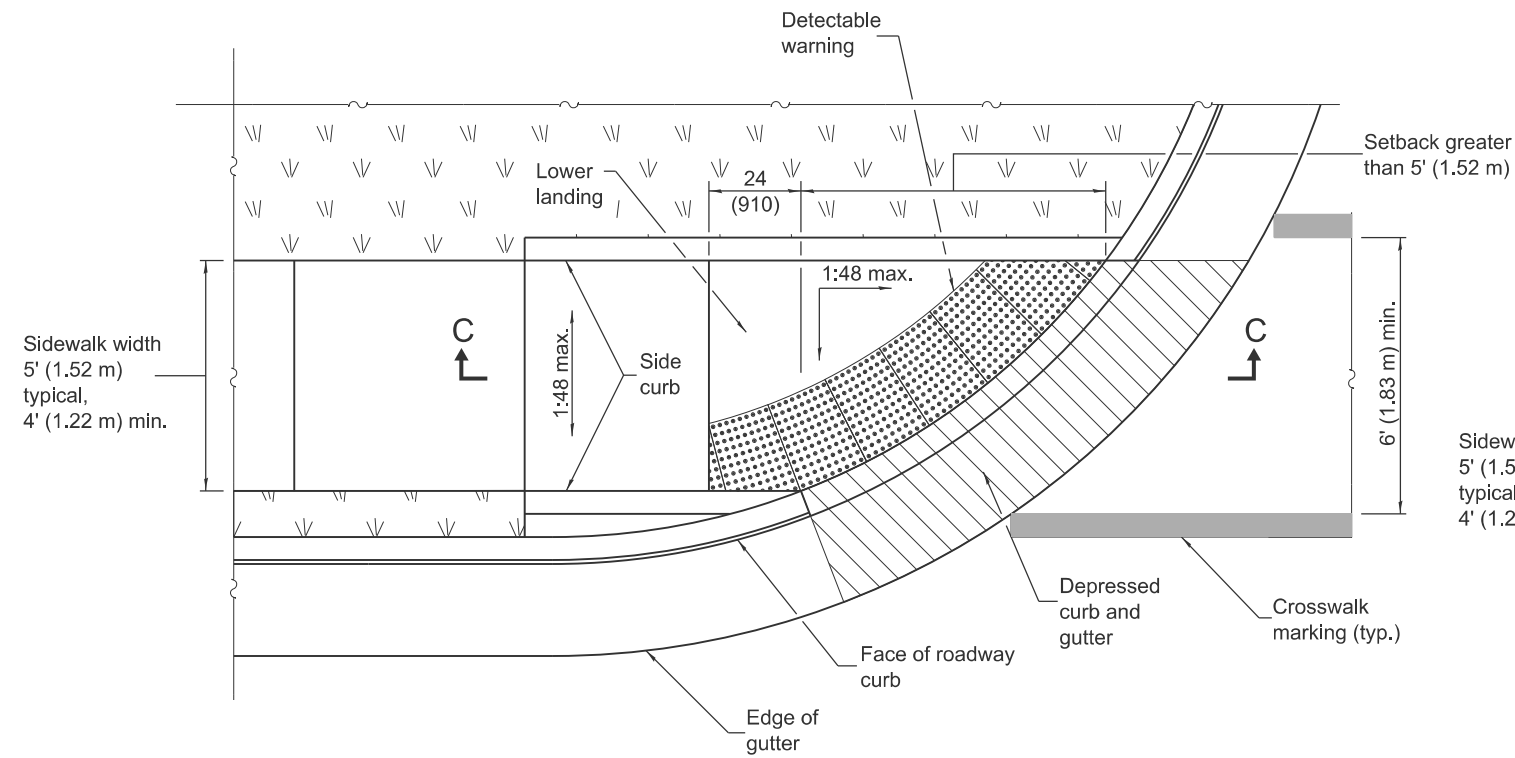
**STANDARD 424001-12**

Illinois Department of Transportation

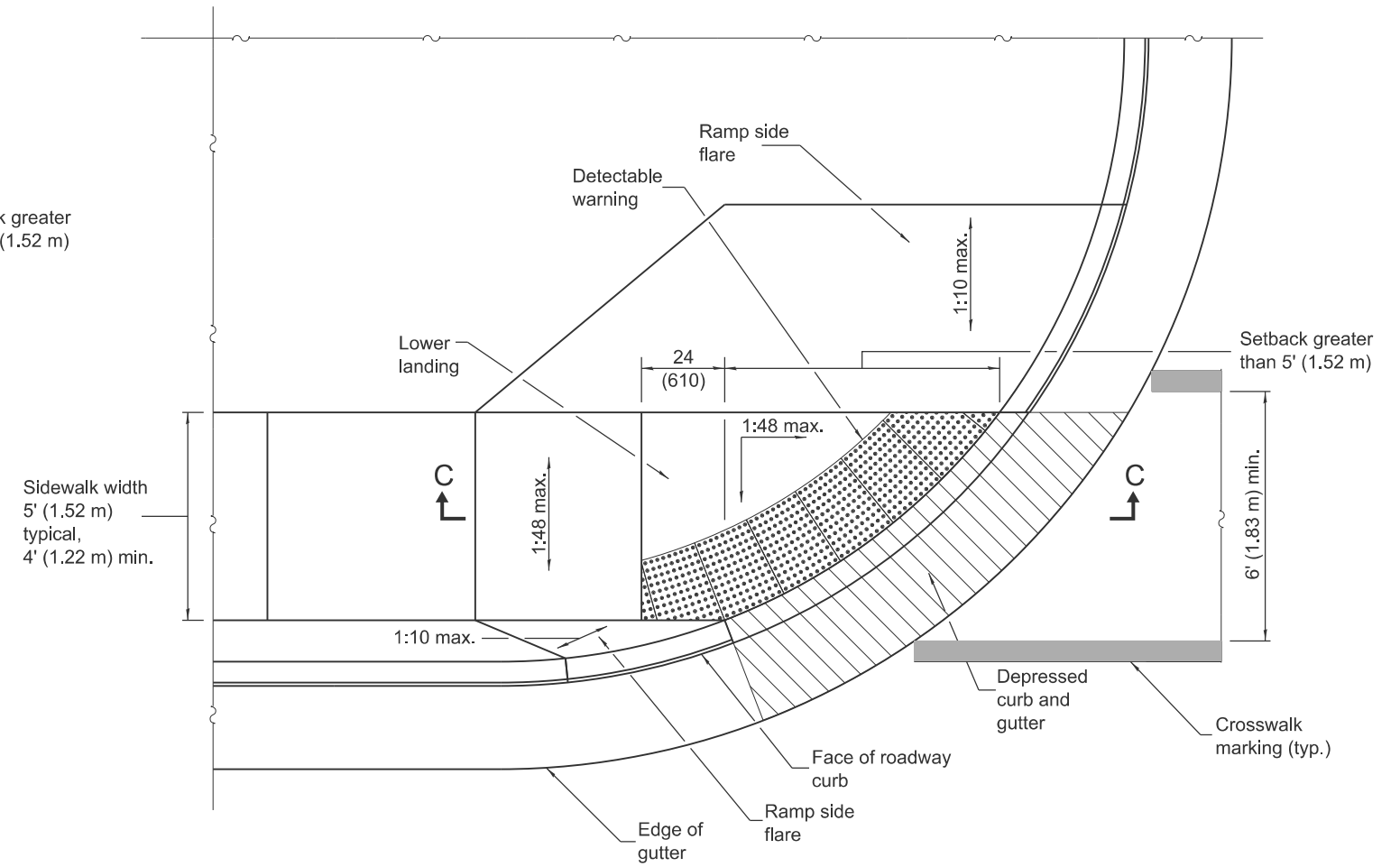
APPROVED January 1, 2025  
*Marshall K. Wood*  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025  
*Subh Chak*  
 ENGINEER OF DESIGN AND ENVIRONMENT

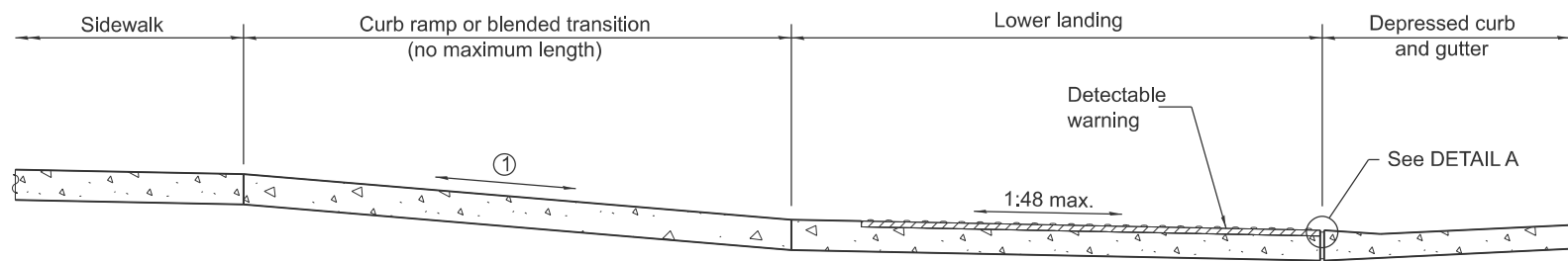
ISSUED 1-1-97



**RAMP IN LANDSCAPED AREA  
SETBACK > 5'**



**RAMP IN PAVED AREA  
SETBACK > 5'**



**SECTION C-C**

- ① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.

**GENERAL NOTES**

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:48 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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

Illinois Department of Transportation

APPROVED January 1, 2025  
*Marshall K. Matell*  
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025  
*John C. ...*  
ENGINEER OF DESIGN AND ENVIRONMENT

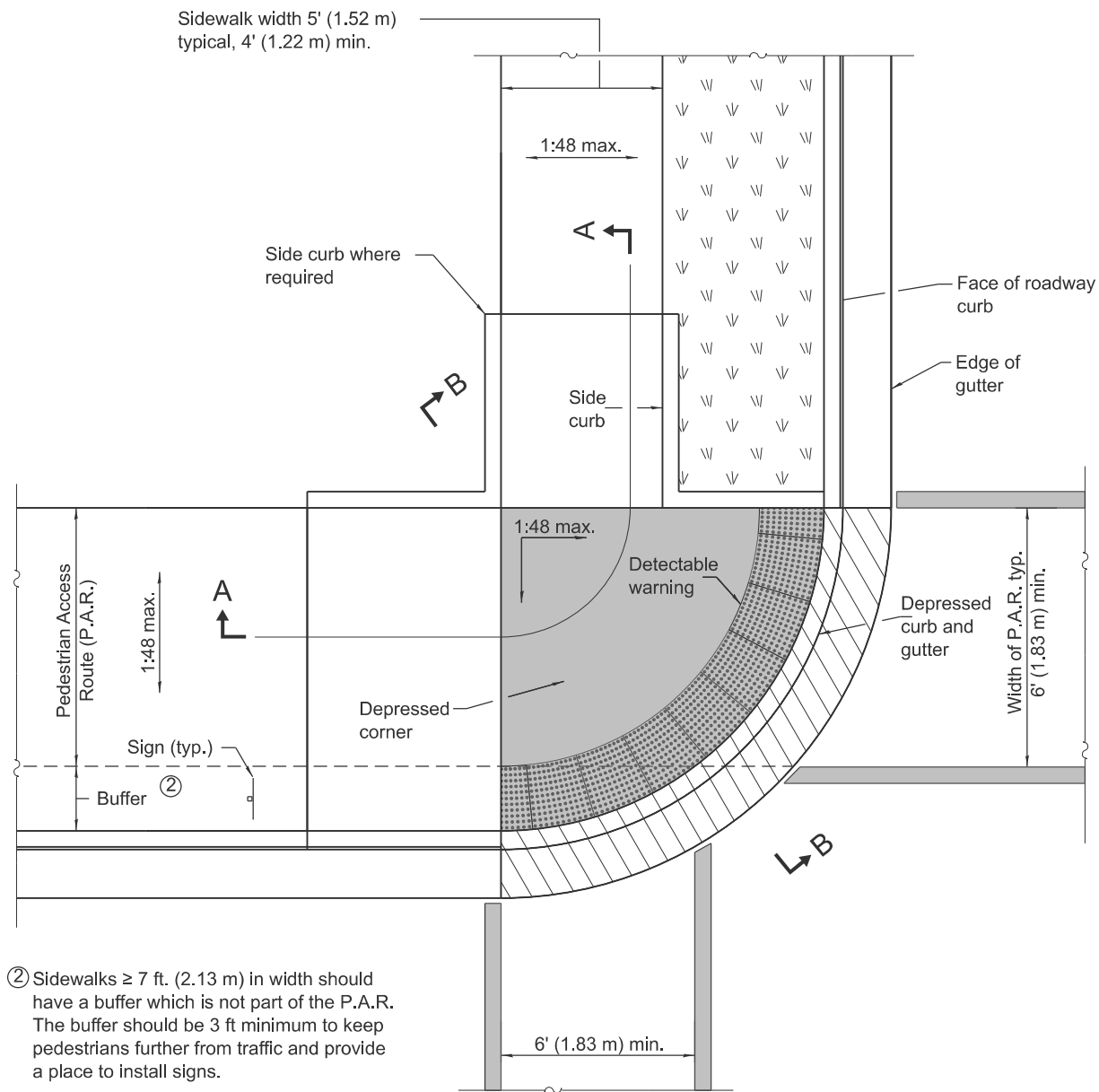
ISSUED 1-1-97

**PERPENDICULAR CURB  
RAMPS FOR SIDEWALKS**

(Sheet 2 of 2)

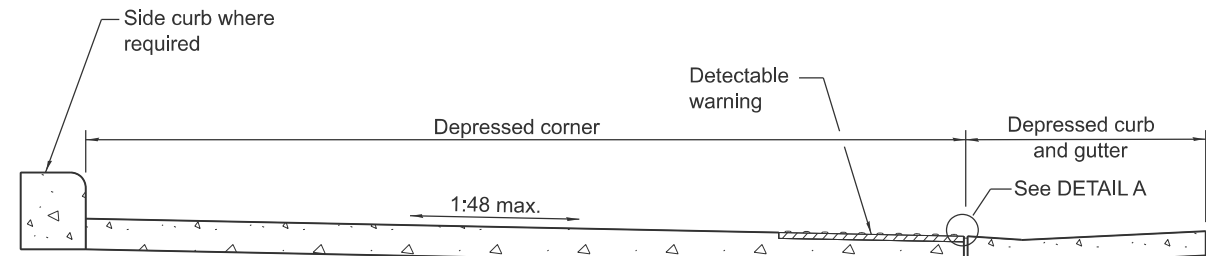
**STANDARD 424001-12**

Sidewalk width 5' (1.52 m) typical, 4' (1.22 m) min.

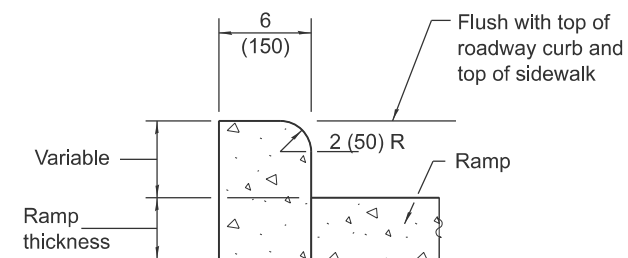


② Sidewalks  $\geq$  7 ft. (2.13 m) in width should have a buffer which is not part of the P.A.R. The buffer should be 3 ft minimum to keep pedestrians further from traffic and provide a place to install signs.

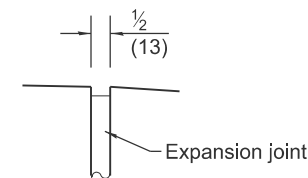
**DEPRESSED CORNER**



**SECTION B-B**



**SIDE CURB DETAIL**



**DETAIL A**

**GENERAL NOTES**

This standard shall only be used for curb radii of 6 ft. (1.83 m) or greater.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:48 maximum slope is shown, 1:64 is preferred.

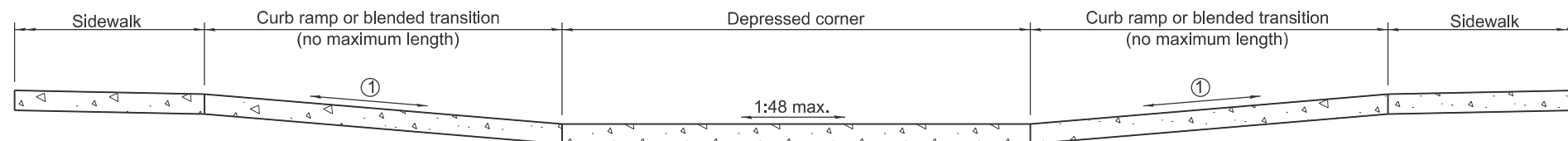
Detectable warnings are shown in their ideal tolerances but the following placement tolerances are allowed.

**Side Border** - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in. width is allowed.

**Curb Set-Back** - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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



**SECTION A-A**

① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.

Illinois Department of Transportation

APPROVED January 1, 2025  
*Marshall K. Moberly*  
 ENGINEER OF POLICY AND PROCEDURES

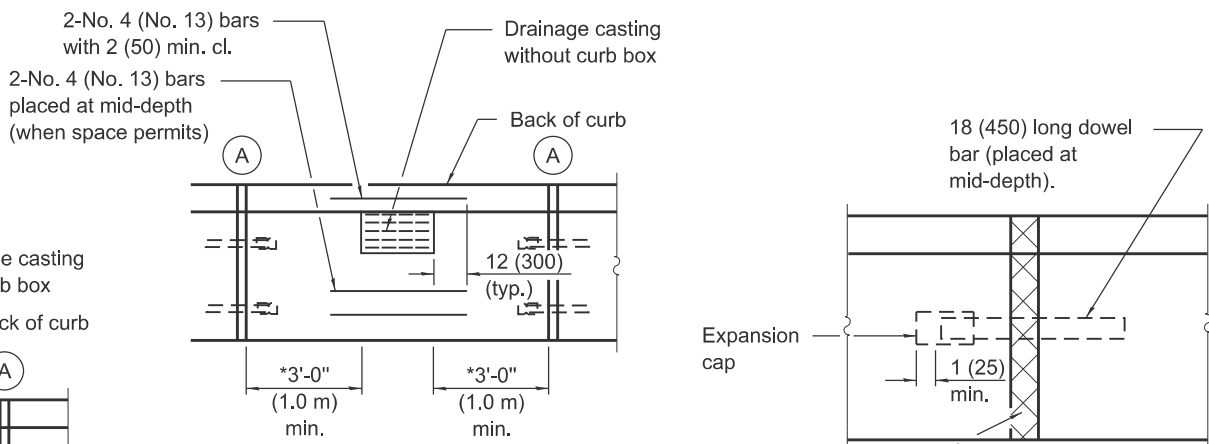
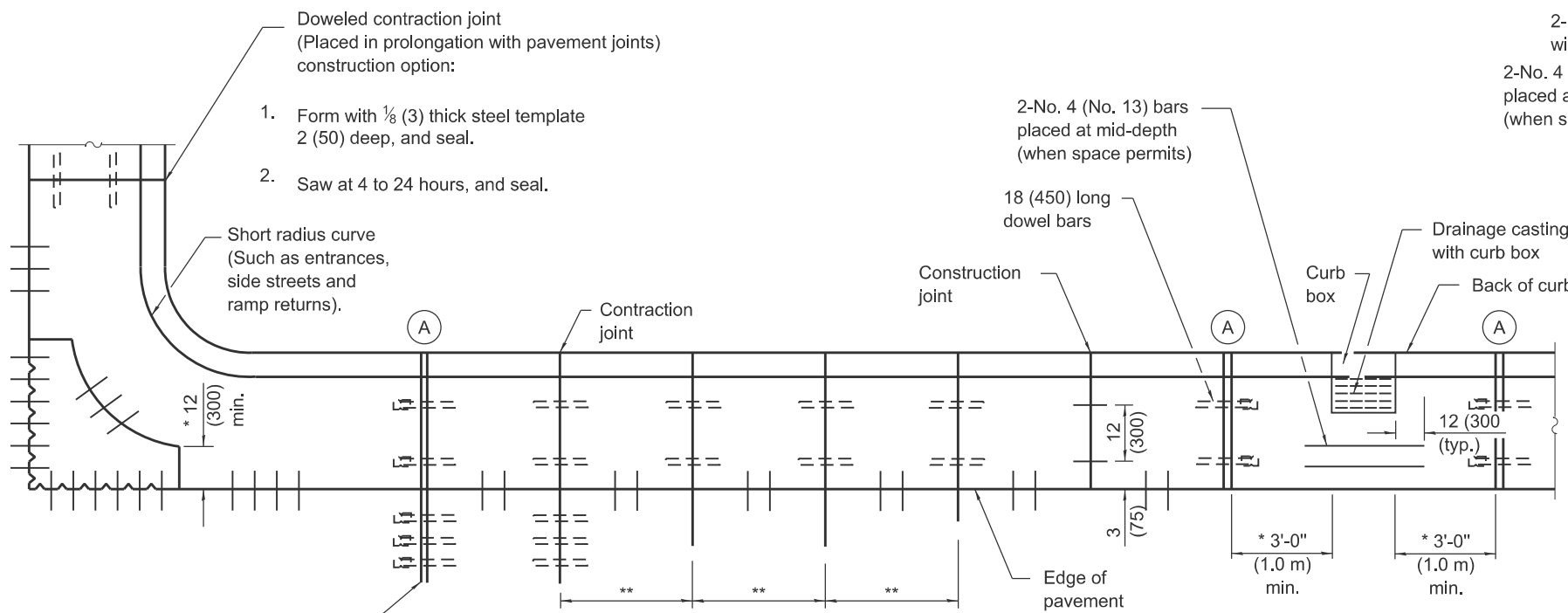
APPROVED January 1, 2025  
*John Doe*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

DATE	REVISIONS
1-1-25	Remove min running slope from note 1 and updated cross-slope.
1-1-21	Added crosswalk striping and a "buffer" for wide sidewalks.

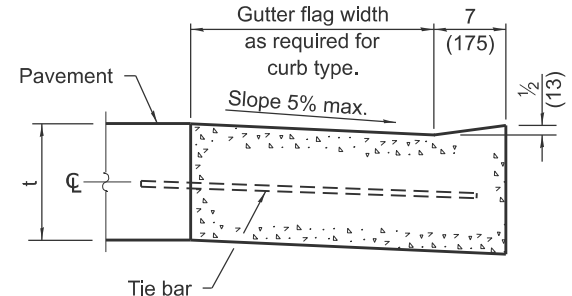
**DEPRESSED CORNER FOR SIDEWALKS**

**STANDARD 424021-07**

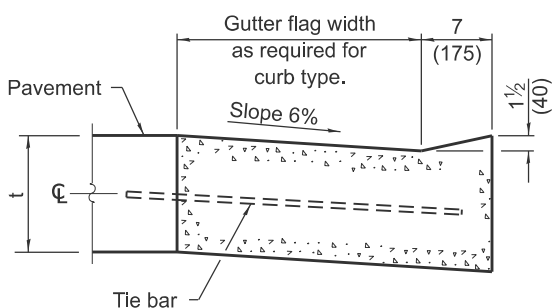


\* This dimension shall be adjusted to align with joint on the adjacent pavement

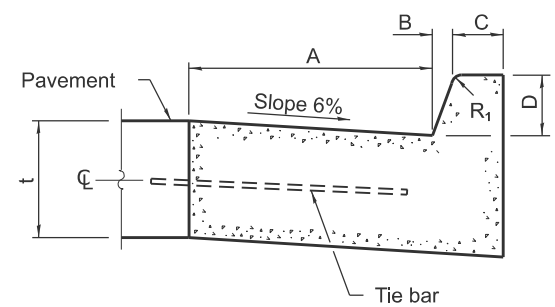
Full depth & width 1 (25) - thick (min.) preformed expansion joint filler.



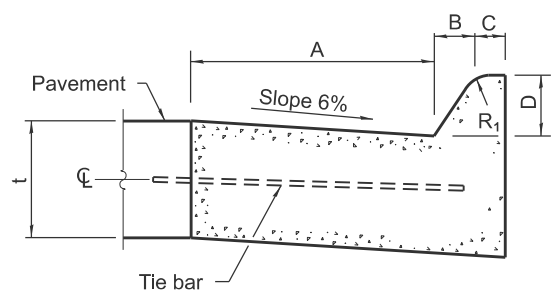
DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



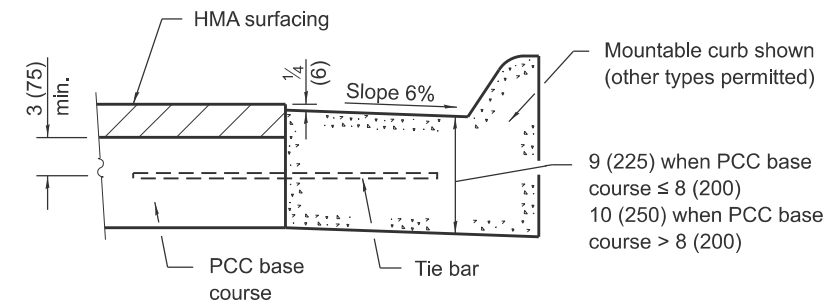
DEPRESSED CURB (TYPICAL)



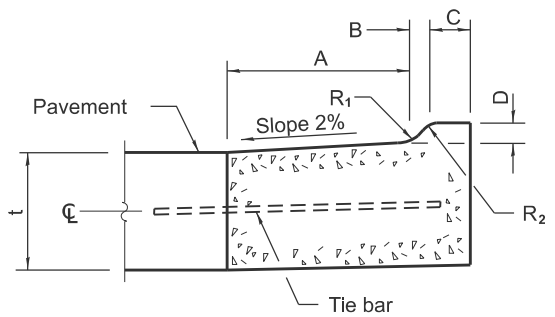
BARRIER CURB



MOUNTABLE CURB



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M-2.06 (M-5.15), M-2.12 (M-5.30), and M-2.24 (M-5.60)

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

\* For corner islands only.

TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R <sub>1</sub>	R <sub>2</sub>
M-2.06	6	2	4	2	3	2
(M-5.15)	(150)	(50)	(100)	(50)	(75)	(50)
M-2.12	12	2	4	2	3	2
(M-5.30)	(300)	(50)	(100)	(50)	(75)	(50)
M-2.24	24	2	4	2	3	2
(M-5.60)	(600)	(50)	(100)	(50)	(75)	(50)
M-4.06	6	4	3	4	3	NA
(M-10.15)	(150)	(100)	(75)	(100)	(75)	NA
M-4.12	12	4	3	4	3	NA
(M-10.30)	(300)	(100)	(75)	(100)	(75)	NA
M-4.18	18	4	3	4	3	NA
(M-10.45)	(450)	(100)	(75)	(100)	(75)	NA
M-4.24	24	4	3	4	3	NA
(M-10.60)	(600)	(100)	(75)	(100)	(75)	NA
M-6.06	6	6	2	6	2	NA
(M-15.15)	(150)	(150)	(50)	(150)	(50)	NA
M-6.12	12	6	2	6	2	NA
(M-15.30)	(300)	(150)	(50)	(150)	(50)	NA
M-6.18	18	6	2	6	2	NA
(M-15.45)	(450)	(150)	(50)	(150)	(50)	NA
M-6.24	24	6	2	6	2	NA
(M-15.60)	(600)	(150)	(50)	(150)	(50)	NA

GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

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

DATE	REVISIONS
1-1-26	Added M-2.24 (M-5.60) to Mountable Curb Table
1-1-22	Revised contract joint spacing adjacent to pcc pavement.

**CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER**

(Sheet 1 of 2)

**STANDARD 606001-09**

Illinois Department of Transportation

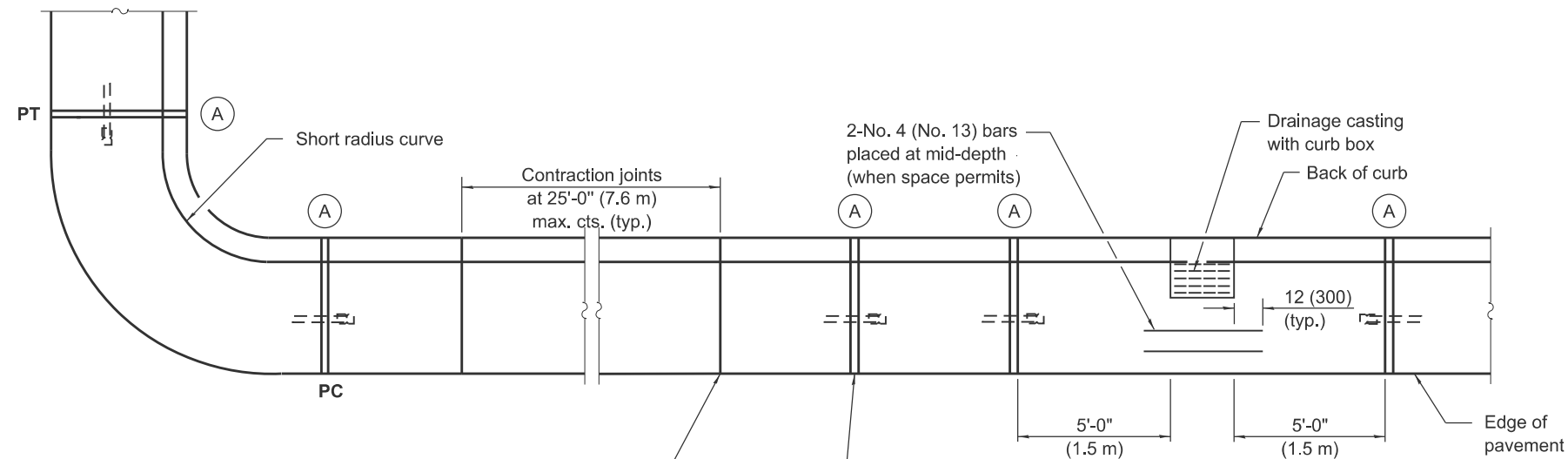
APPROVED January 1, 2026

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2026

ENGINEER OF DESIGN AND ENVIRONMENT

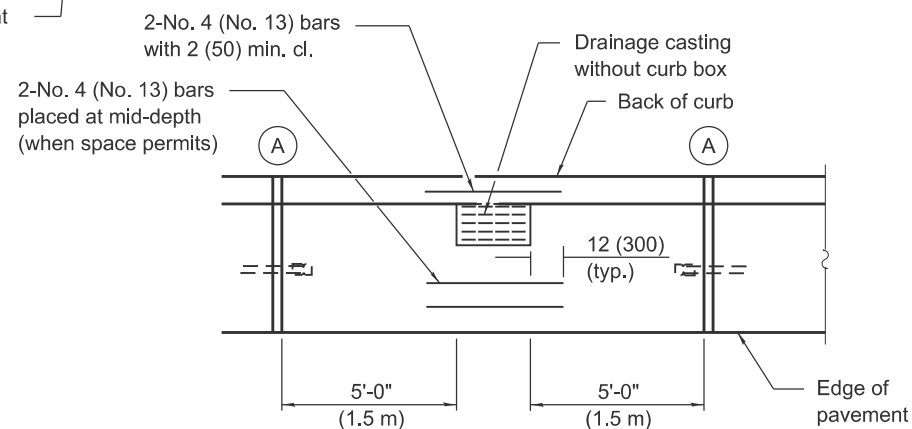
ISSUED 1-1-97



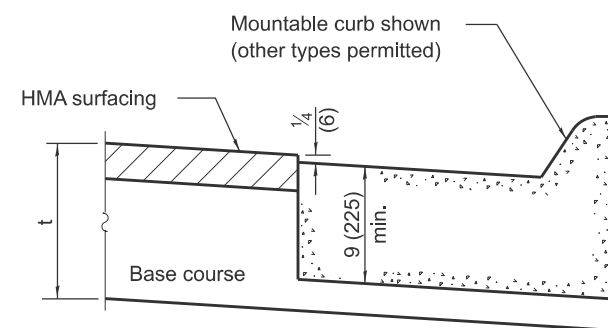
Undoweled contraction joint (typ.) construction options:

1. Form with  $\frac{1}{8}$  (3) thick steel template 2 (50) deep, and seal.
2. Saw 2 (50) deep at 4 to 24 hours, and seal.
3. Insert  $\frac{3}{4}$  (20) thick preformed joint filler full depth and width.

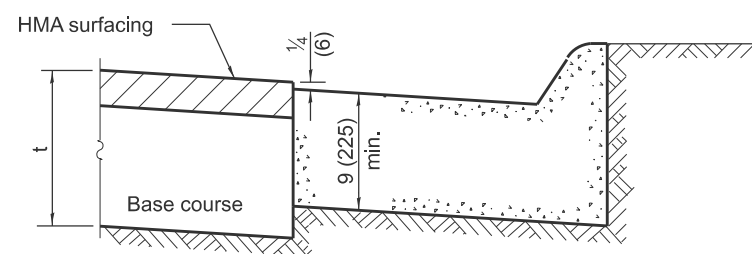
Construction joint



**PLAN**

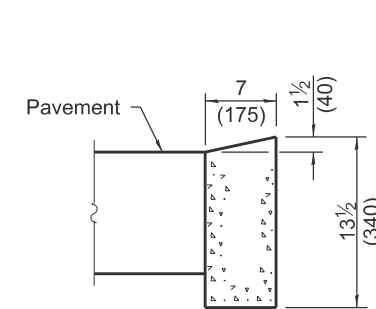


**ON DISTURBED SUBGRADE**

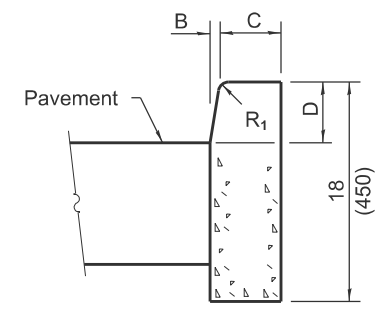


**ON UNDISTURBED SUBGRADE**

**ADJACENT TO FLEXIBLE PAVEMENT**

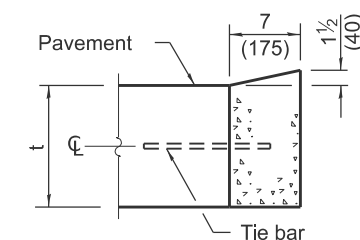


**DEPRESSED CURB**

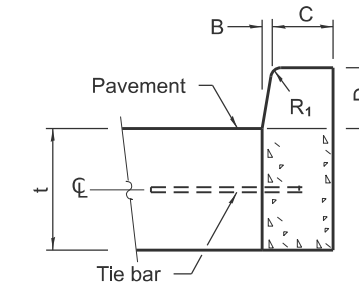


**BARRIER CURB**

**ADJACENT TO FLEXIBLE PAVEMENT**



**DEPRESSED CURB**



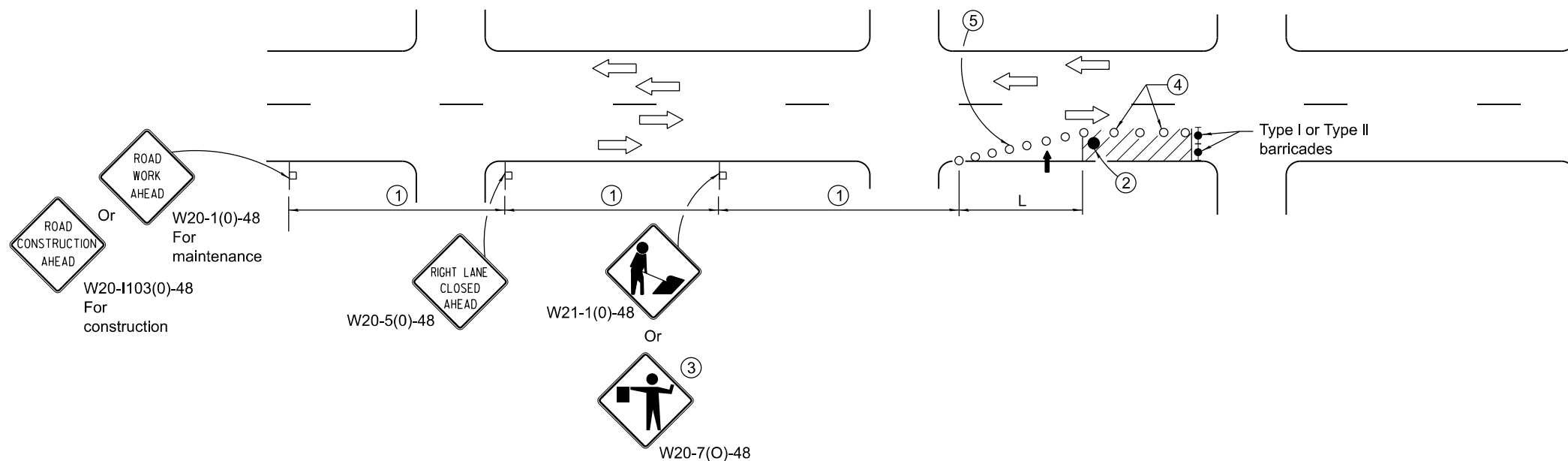
**BARRIER CURB**

**ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE**

**CONCRETE CURB TYPE B**







**CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER**  
(Sheet 2 of 2)

**STANDARD 606001-09**



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
-  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) or less:  
45 mph (80 km/h) or greater:

FORMULAS	
English	(Metric)
$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
$L = (W)(S)$	$L = 0.65(W)(S)$

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

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

Illinois Department of Transportation

APPROVED                      January 1, 2015  
ENGINEER OF SAFETY ENGINEERING

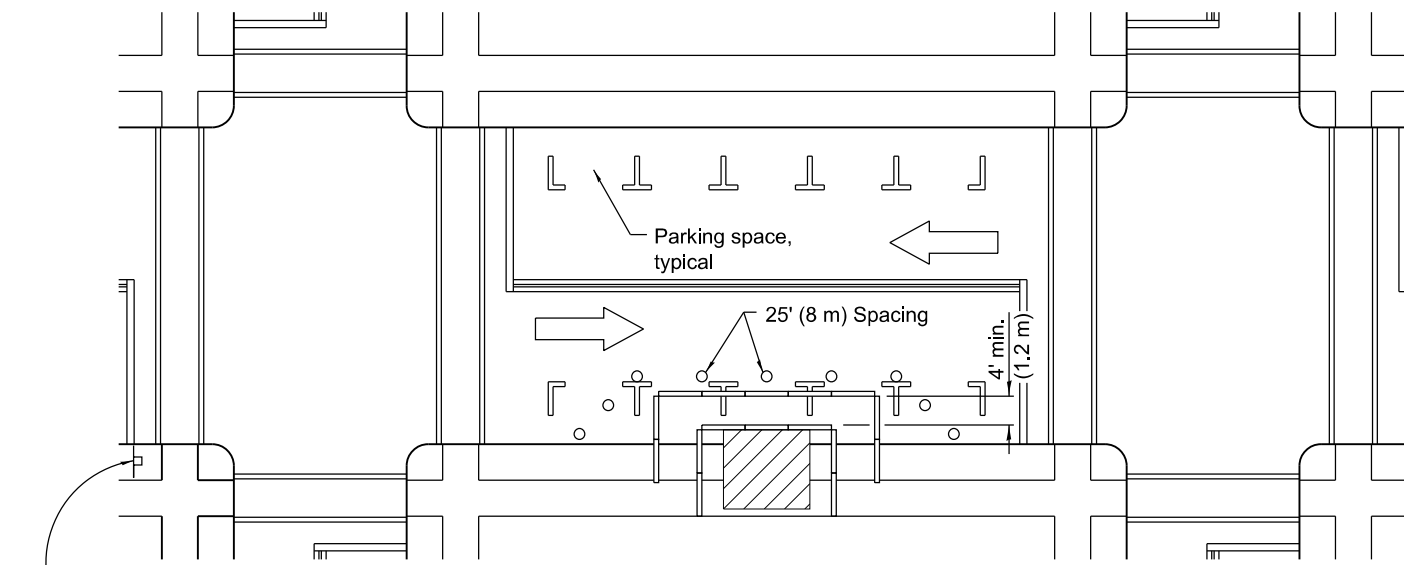
APPROVED                      January 1, 2015  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

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**

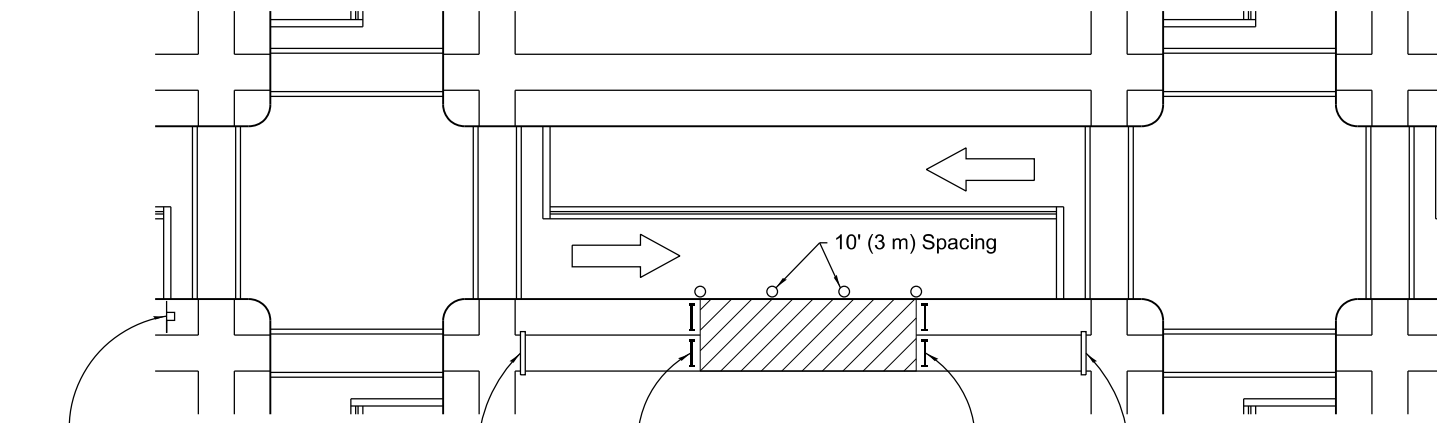
**STANDARD 701606-10**



① ROAD CONSTRUCTION AHEAD  
W20-I103(0)-48 for contract construction projects

Or  
① ROAD WORK AHEAD  
W20-1(0)-48 for maintenance and utility projects

**SIDEWALK DIVERSION**



① ROAD CONSTRUCTION AHEAD  
W20-I103(0)-48 for contract construction projects

Or  
① ROAD WORK AHEAD  
W20-1(0)-48 for maintenance and utility projects

SIDEWALK CLOSED  
←  
USE OTHER SIDE  
R11-I102-2430

SIDEWALK CLOSED  
R11-I101-2418

SIDEWALK CLOSED  
→  
USE OTHER SIDE  
R11-I102-2430

**SIDEWALK CLOSURE**

① Omit whenever duplicated by road work traffic control.

**GENERAL NOTES**

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

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

Temporary facilities shall be detectable and accessible.

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

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

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

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

**SYMBOLS**

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

Illinois Department of Transportation

APPROVED January 1, 2016  
*Amelia A. Davis*  
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2016  
*DR*  
ENGINEER OF DESIGN AND ENVIRONMENT

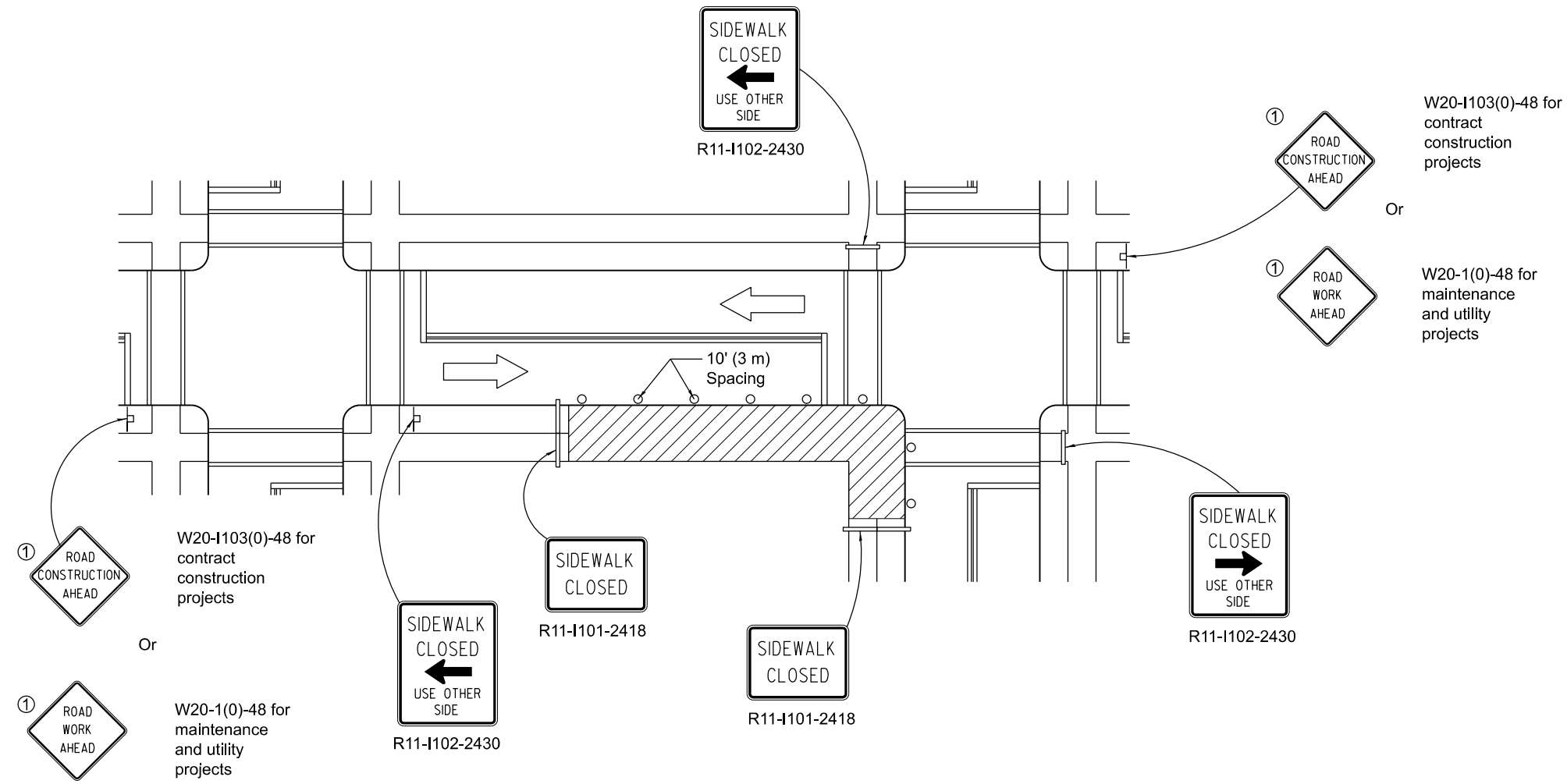
ISSUED 1-1-97

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

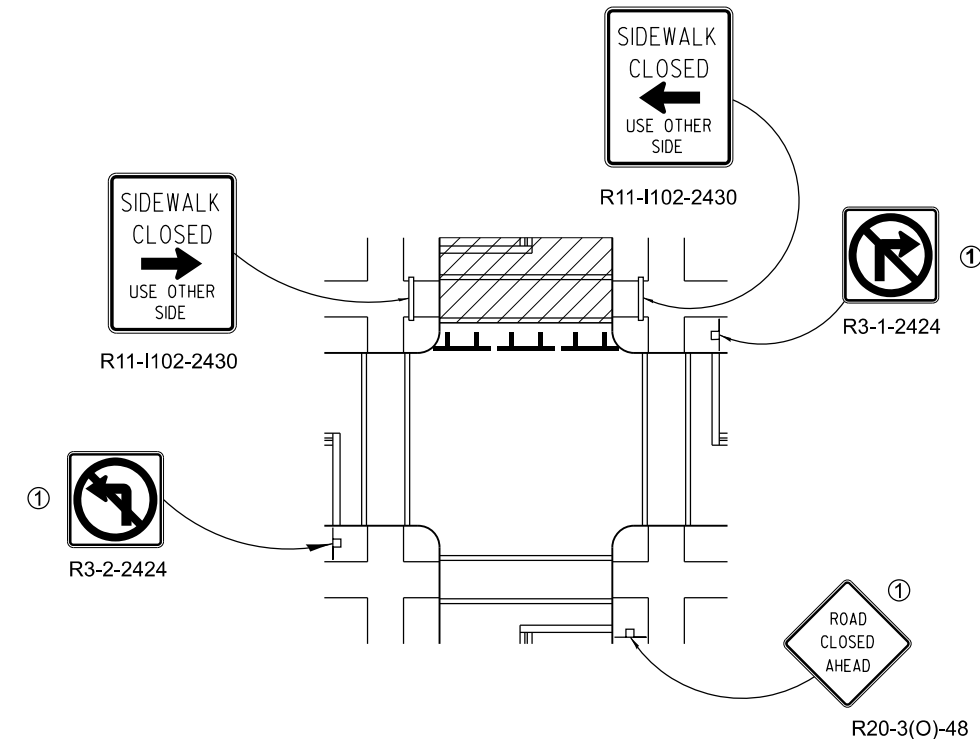
**SIDEWALK, CORNER OR CROSSWALK CLOSURE**

(Sheet 1 of 2)

**STANDARD 701801-06**



**CORNER CLOSURE**

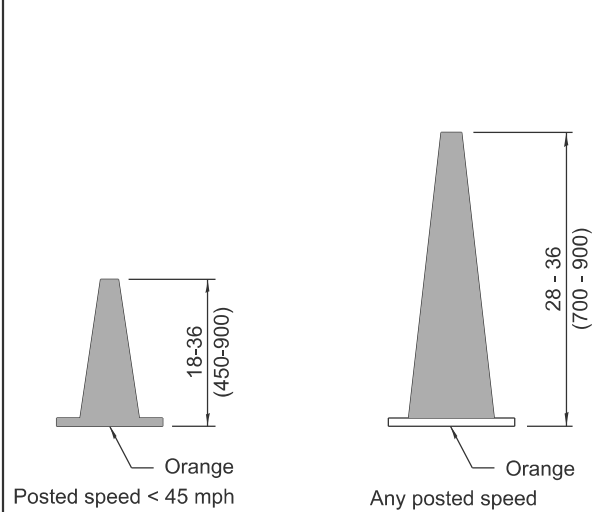


**CROSSWALK CLOSURE**

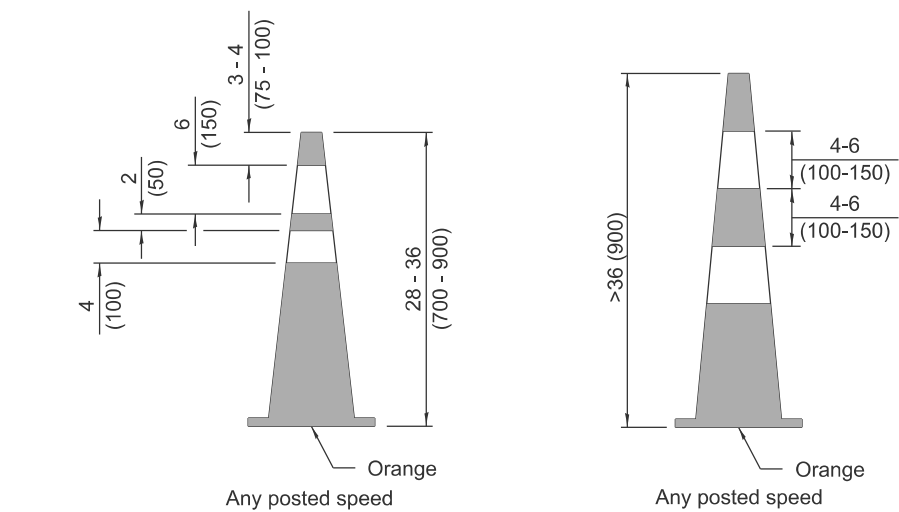
W20-1103(0)-48 for contract construction projects  
Or  
W20-1(0)-48 for maintenance and utility projects

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

Illinois Department of Transportation  
APPROVED January 1, 2016  
*[Signature]*  
ENGINEER OF SAFETY ENGINEERING  
APPROVED January 1, 2016  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT  
ISSUED 1-1-97

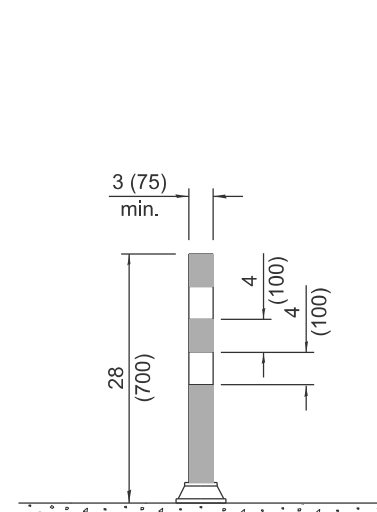


**DAYTIME USE**

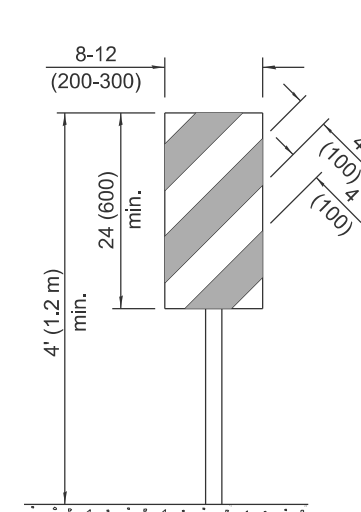


**DAY OR NIGHTTIME USE**

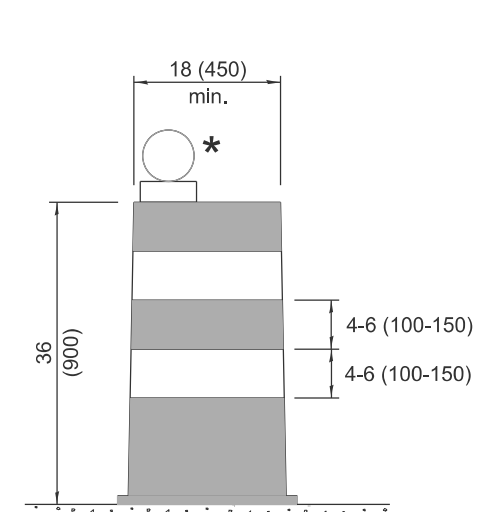
**CONES**



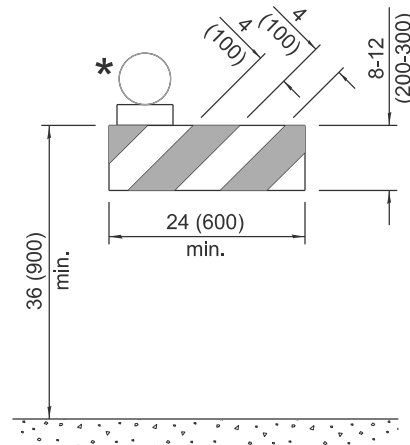
**TUBULAR MARKER**



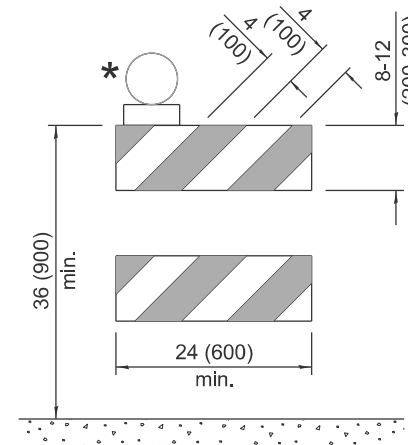
**VERTICAL PANEL  
POST MOUNTED**



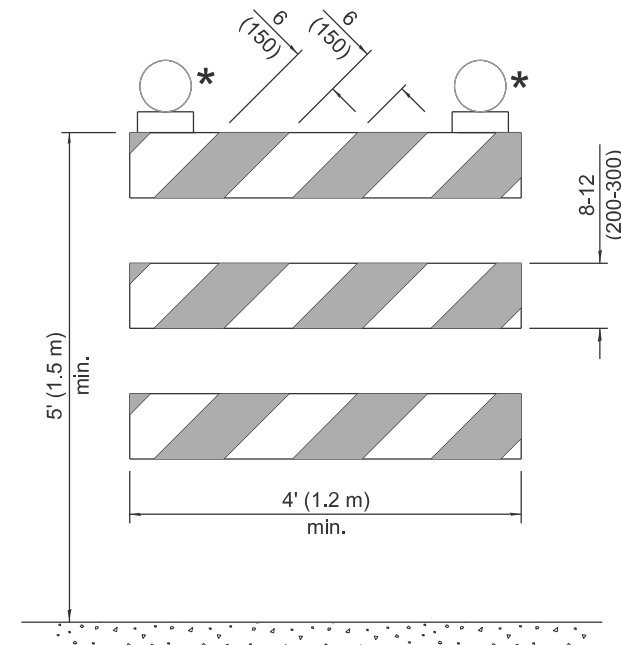
**DRUM**



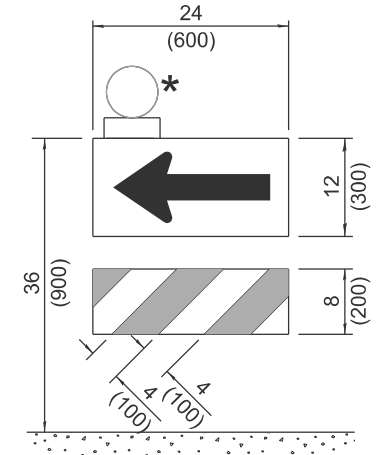
**TYPE I BARRICADE**



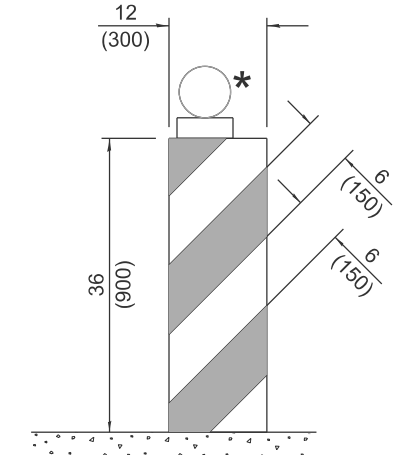
**TYPE II BARRICADE**



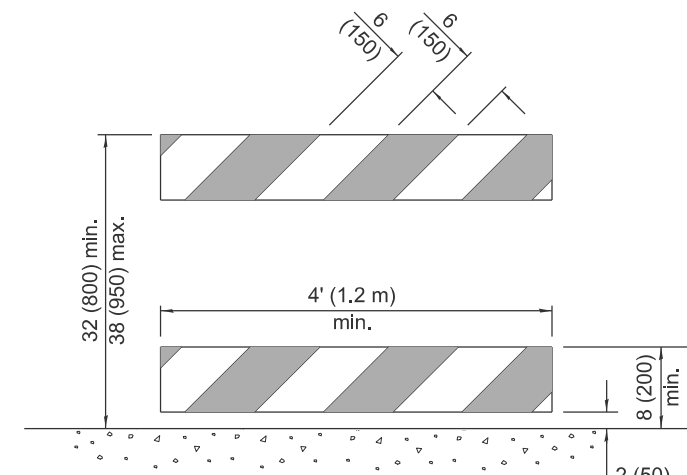
**TYPE III BARRICADE**



**DIRECTION INDICATOR  
BARRICADE**



**VERTICAL BARRICADE**



**DETECTABLE PEDESTRIAN  
CHANNELIZING BARRICADE**

\* Warning lights (if required)

**GENERAL NOTES**

All heights shown shall be measured above the pavement surface.

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

DATE	REVISIONS
1-1-26	Updated Detectable Pedestrian Channelizing Barricade (sht. 1) & Temporary Rumble Strips details (sht. 3)
1-1-25	Updated Temporary Rumble Strip Detail (sht. 3).

**TRAFFIC CONTROL DEVICES**

(Sheet 1 of 3)

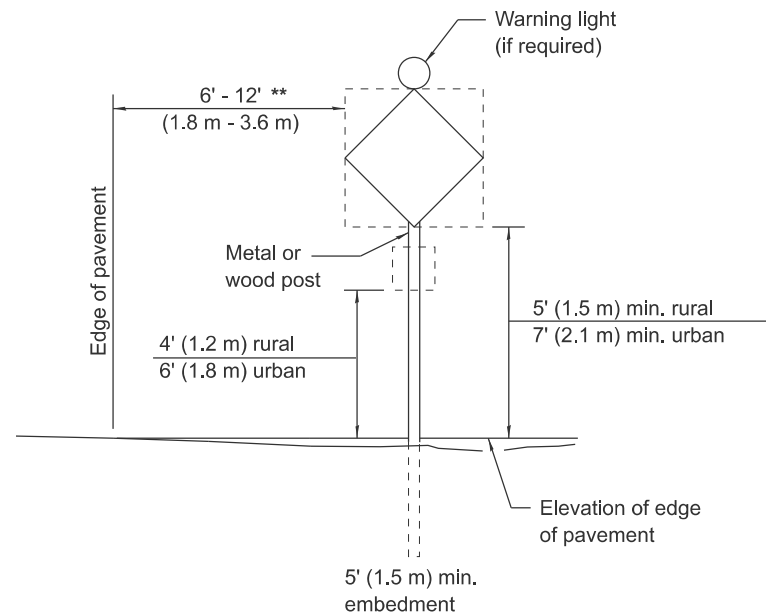
**STANDARD 701901-11**

Illinois Department of Transportation

APPROVED January 1, 2026  
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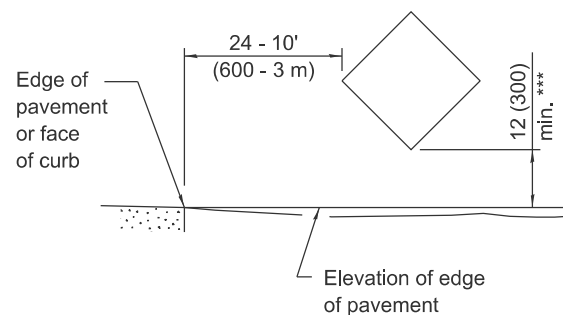
APPROVED January 1, 2026  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13



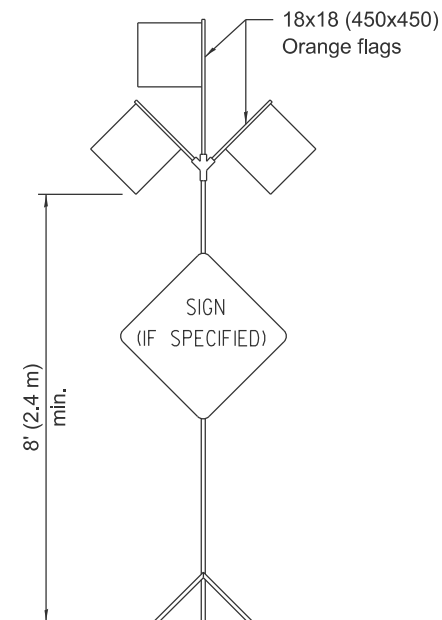
**POST MOUNTED SIGNS**

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

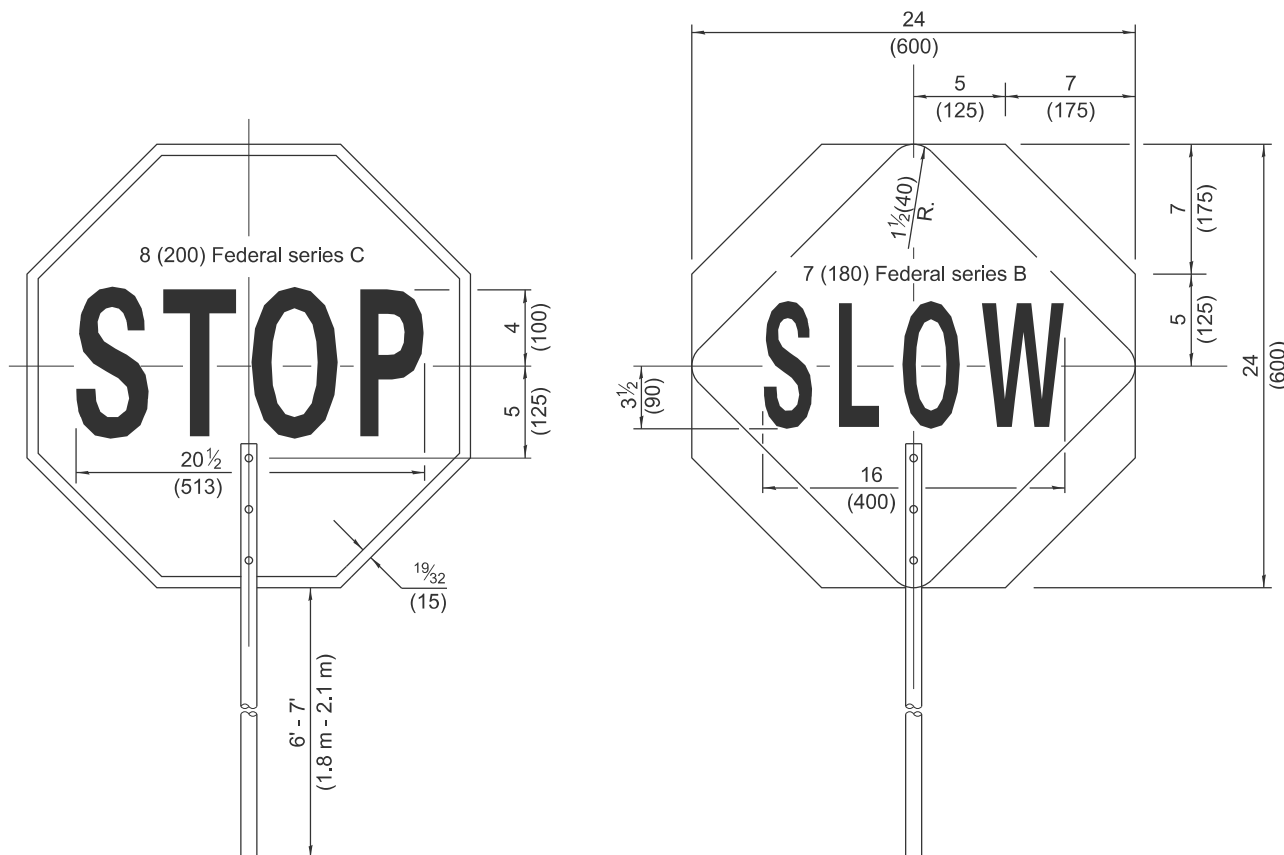


**HIGH LEVEL WARNING DEVICE**



**WIDTH RESTRICTION SIGN**

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



**FLAGGER TRAFFIC CONTROL SIGN**



G20-1104(0)-6036



G20-1105(0)-6024

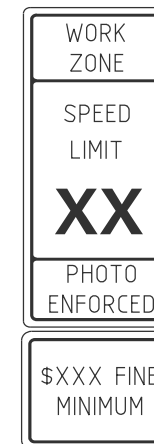
This signing is required for all projects 2 miles (3200 m) or more in length.

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

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

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

**WORK LIMIT SIGNING**



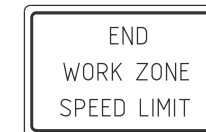
W21-1115(0)-3618

R2-1-3648

R10-1108p-3618 \*\*\*\*

R2-1106p-3618

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



G20-1103-6036

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

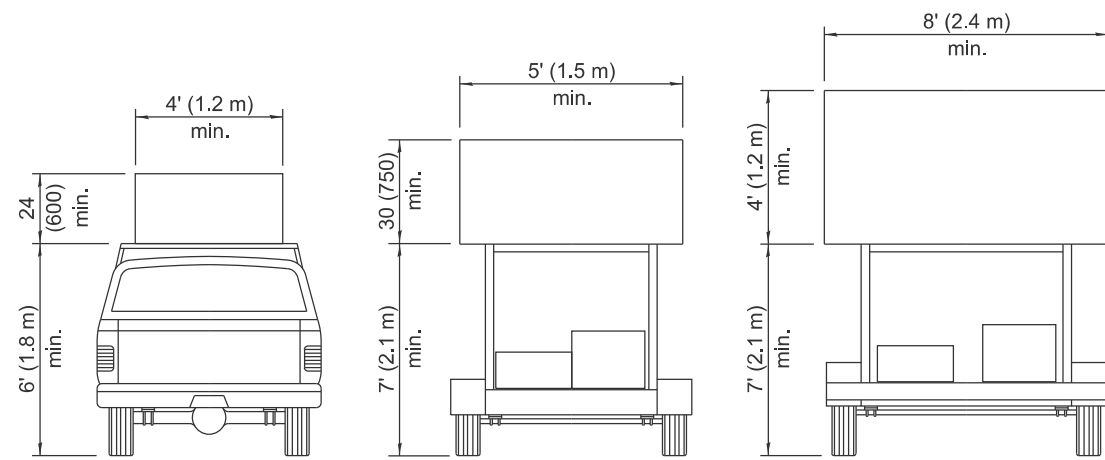
**HIGHWAY CONSTRUCTION SPEED ZONE SIGNS**

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

**TRAFFIC CONTROL DEVICES**

STANDARD 701901-11

(Sheet 2 of 3)

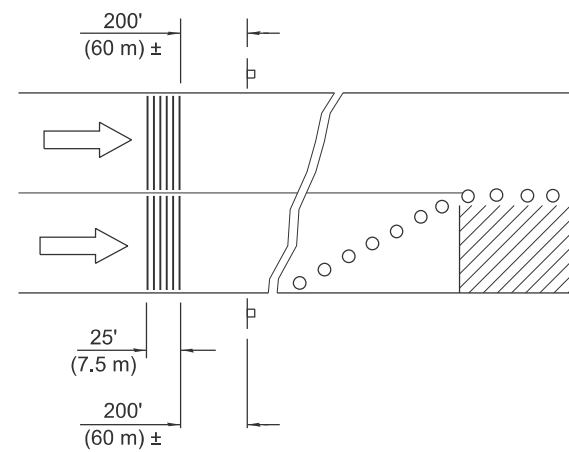


**TYPE A  
ROOF  
MOUNTED**

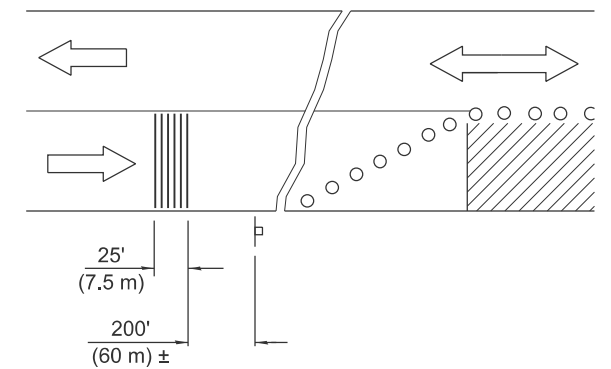
**TYPE B  
ROOF OR TRAILER  
MOUNTED**

**TYPE C  
TRAILER  
MOUNTED**

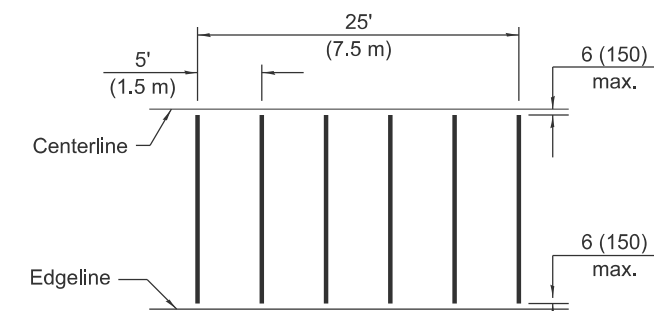
**ARROW BOARDS**



**MULTI-LANE HIGHWAYS**

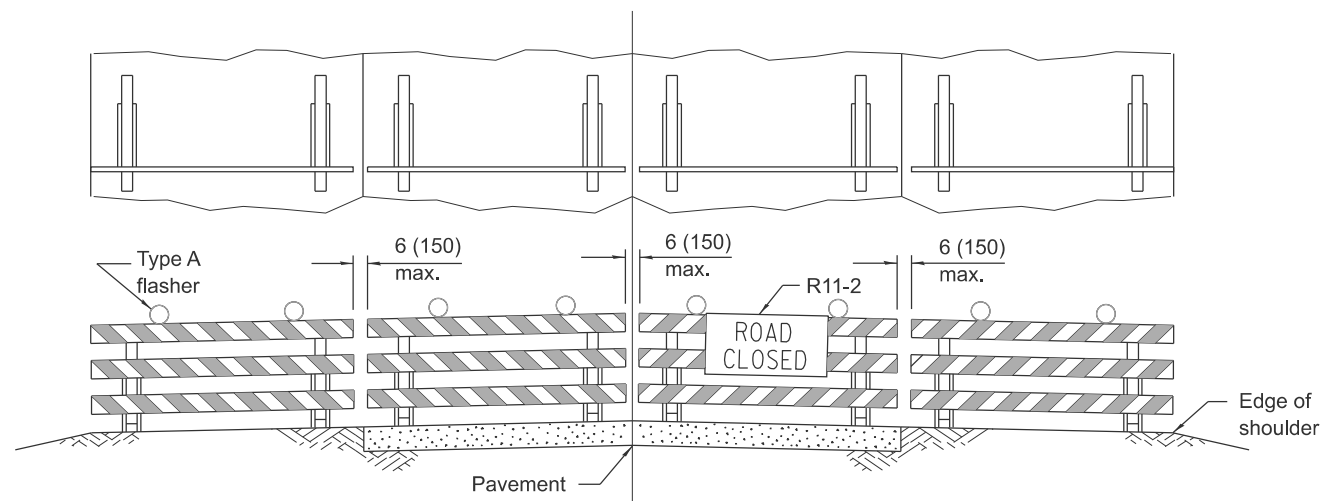


**TWO-LANE HIGHWAYS**



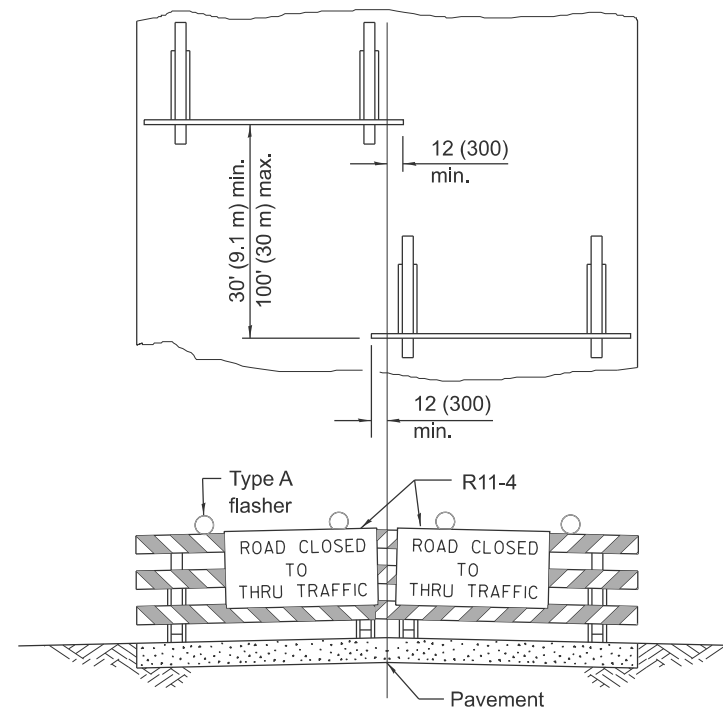
**TYPICAL INSTALLATION**

**TEMPORARY RUMBLE STRIPS**



**ROAD CLOSED TO ALL TRAFFIC**

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



**ROAD CLOSED TO THRU TRAFFIC**

Reflectorized striping shall appear on both sides of the barricades.

**TYPICAL APPLICATIONS OF  
TYPE III BARRICADES CLOSING A ROAD**

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

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**TRAFFIC CONTROL  
DEVICES**

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**STANDARD 701901-11**