RETURN WITH BID

Local Public Agency
Formal Contract Proposal

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

STATE OF ILLINOIS

COUNTY OF Champaign

Village of Rantoul
(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME East Perimeter Road

TYPES OF FUNDS Community Development Block Grant (CDBG)

☒ SPECIFICATIONS (required)

For Municipal Projects

Submitted/Approved/Passed

Village of Rantoul, Illinois

4-15-16
Date

CHRISTINE A. CODE
062-059984
LICENSED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

Christine A. Code 4/15/16

PROJECT MANAGER

"LICENSE EXPIRES 11-30-17"

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

NOTICE TO BIDDERS

County Champaign
Local Public Agency Village of Rantoul
Route East Perimeter Road

Sealed proposals for the improvement described below will be received at the office of the Village of Rantoul,
333 South Tanner, Rantoul, IL 61866 (Address) until 3:00 PM (Time) on April 29, 2016 (Date)

Sealed proposals will be opened and read publicly at the office of the Village of Rantoul,
333 South Tanner, Rantoul, IL 61866 (Address) at 3:00 PM (Time) on April 29, 2016 (Date)

DESCRIPTION OF WORK

Name East Perimeter Road Length: 4125.00 feet (0.78 miles)

Location From 500' east of Maplewood Drive to Golfview Road

Proposed Improvement includes hot-mix asphalt resurfacing; hot-mix asphalt removal and replacement; curb and gutter repairs at spot locations; sidewalk replacement at spot locations; pavement patching; and other misc. work

1. Plans and proposal forms will be available in the office of the Village of Rantoul
   or on the Village's website at www.village.rantoul.il.us/Bids.aspx

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

PROPOSAL

County Champaign
Local Public Agency Village of Rantoul
Route East Perimeter Road

1. Proposal of _____

for the improvement of the above section by the construction of hot-mix asphalt resurfacing; hot-mix asphalt removal and replacement; curb and gutter repairs at spot locations; sidewalk replacement at spot locations; pavement patching; and other miscellaneous work

a total distance of 4125.00 feet, of which a distance of 4125.00 feet, (0.780 miles) are to be improved.

2. The plans for the proposed work are those prepared by Baxter & Woodman, Inc.
and approved by the Village of Rantoul 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 20 working days or by _____
unless additional time is granted in accordance with the specifications.

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

Village Treasurer of Rantoul

The amount of the check is five percent (5%) of the total bid amount ( ).

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number _____.

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

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

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

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

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

RETURN WITH BID

SCHEDULE OF PRICES

County Champaign
Local Public Agency Village of Rantoul
Section
Route East Perimeter Road

Schedule for Single Bid

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

Bidder's Proposal for making Entire Improvements

Item No.	Items	Unit	Quantity	Unit Price	Total
1	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	226		
2	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,600		
3	EROSION CONTROL BLANKET	SQ YD	1,600		
4	INLET FILTERS	EACH	10		
5	AGGREGATE SUBGRADE IMPROVEMENT 4"	SQ YD	397		
6	HOT-MIX ASPHALT BASE COURSE, 2 1/4"	SQ YD	6,217		
7	PREPARATION OF BASE	SQ YD	6,217		
8	AGGREGATE BASE REPAIR	TON	260		
9	BITUMINOUS MATERIALS (PRIME COAT)	POUND	14,000		
10	BITUMINOUS MATERIALS (TACT COAT)	POUND	4,500		
11	AGGREGATE (PRIME COAT)	TON	10		
12	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	4		
13	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	191		

Item No.	Items	Unit	Quantity	Unit Price	Total
14	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,214		
15	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	62		
16	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,867		
17	DETECTABLE WARNINGS	SQ FT	60		
18	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	4,613		
19	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	6,217		
20	DRIVEWAY PAVEMENT REMOVAL	SQ YD	62		
21	COMBINATION CURB AND GUTTER REMOVAL	FOOT	550		
22	SIDEWALK REMOVAL	SQ FT	1,867		
23	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	70		
24	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	140		
25	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	210		
26	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	280		
27	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1,350		
28	INLETS, TYPE A (SPECIAL)	EACH	1		
29	CATCH BASINS TO BE ADJUSTED	EACH	1		
30	INLETS TO BE ADJUSTED	EACH	4		

Item No.	Items	Unit	Quantity	Unit Price	Total
31	INLETS TO BE RECONSTRUCTED	EACH	4		
32	FRAMES AND GRATES, TYPE 12	EACH	7		
33	REMOVING INLETS	EACH	1		
34	MOBILIZATION	L SUM	1		
35	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		
36	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		
37	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,230		
38	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	52		
39	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	24		
40	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	29		
41	TEMPORARY ACCESS (ROAD)	EACH	6		
42	AGGREGATE BASE COURSE REMOVAL AND REPLACEMENT 12"	SQ YD	630		
43	SEEDING, CLASS 1 (SPECIAL)	SQ YD	1,600		
44	STORM SEWERS TO BE CLEANED	FOOT	25		
45	COMBINATION CONCRETE CURB AND GUTTER	FOOT	550		
46	FRAMES AND GRATES, DRIVEWAY SPECIAL	EACH	3		
47	SOIL DISPOSAL ANALYSIS (SPECIAL)	EACH	4		
48	NON-SPECIAL WASTE DISPOSAL	CU YD	50		

CONTRACTOR CERTIFICATIONS

County: Champaign
Local Public Agency: Village of Rantoul
Route: East Perimeter Road

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

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

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

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

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

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

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

SIGNATURES

County Champaign
Local Public Agency Village of Rantoul
Route East Perimeter Road

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Inset Names and Addressed of All Partners _____

(If a corporation)

Corporate Name _____

Signed By _____
President

Business Address _____

Insert Names of Officers
President _____
Secretary _____
Treasurer _____

Attest: _____
Secretary

Illinois Department of Transportation

Local Agency Proposal Bid Bond

Route East Perimeter Road
County Champaign
Local Agency Village of Rantoul
Section _____

RETURN WITH BID

PAPER BID BOND

WE _____ as PRINCIPAL,

and _____ as SURETY,

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

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

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

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

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

Principal

_____ (Company Name) _____ (Company Name)

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

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

Surety

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

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

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

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

My commission expires _____ _____ (Notary Public)

ELECTRONIC BID BOND

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

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

Electronic Bid Bond ID Code

_____ (Company/Bidder Name)

_____ (Signature and Title) _____ Date

Illinois Department of Transportation

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

Affidavit of Availability
For the Letting of _____

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

Part I. Work Under Contract

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

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

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

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

						Accumulated Totals
Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
						$ 0.00
Totals						

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

Part III. Work Subcontracted to Others.

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

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

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

Subscribed and sworn to before me

this _____ day of _____ , _____ Type or Print Name _____

Officer or Director Title

Signed _____

_____

Notary Public

My commission expires _____

Company _____

(Notary Seal)

Address _____

_____

Illinois Department of Transportation

Apprenticeship or Training Program Certification

Return with Bid

Route East Perimeter Road
County Champaign
Local Agency Village of Rantoul
Section

All contractors are required to complete the following certification:

☒ For this contract proposal or for all groups in this deliver and install proposal.

☐ For the following deliver and install groups in this material proposal:

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

I. Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.

II. The undersigned bidder further certifies for work to be performed by subcontract that each of its subcontractors submitted for approval either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.

III. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

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

_____

_____

_____

_____

_____

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

Bidder: _____ By: _____
(Signature)

Address: _____ Title: _____

RETURN WITH BID

Illinois Department of Transportation

Affidavit of Illinois Business Office

County Champaign
Local Public Agency Village of Rantoul
Section Number
Route East Perimeter Road

State of _____)
) ss.
County of _____)

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

being first duly sworn upon oath, states as follows:

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

_____
(Signature)

_____
(Print Name of Affiant)

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

(SEAL)

_____
(Signature of Notary Public)

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted April 1, 2016

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

No ERRATA this year.

SUPPLEMENTAL SPECIFICATIONS

CHECK SHEET
FOR
RECURRING SPECIAL PROVISIONS

Adopted April 1, 2016

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

RECURRING SPECIAL PROVISIONS

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CHECK SHEET
FOR
LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

Adopted April 1, 2016

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

LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

INDEX OF SPECIAL PROVISIONS

INDEX OF SPECIAL PROVISIONS (CONT.)

PAGE NO.

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2016, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of the East Perimeter Road Improvements, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

LOCATION OF PROJECT

The project is located on Veterans Parkway and East Perimeter Road, from 500 feet east of S. Maplewood Drive to Golfview Road, in the Village of Rantoul, Champaign County, Illinois. A location map is included with these documents.

DESCRIPTION OF WORK

The work consists of furnishing all labor, materials, equipment, and other incidentals necessary for the completion of curb and gutter and sidewalk repair; hot-mix asphalt resurfacing and/or replacement; adjustment of drainage structures; parkway restoration; and other incidental and miscellaneous items of work in accordance with the Plans, Standard Specifications, and these Special Provisions.

INSURANCE

The Contractor’s comprehensive general liability insurance required by Article 107.27 of the Standard Specifications shall include as additional insureds the Municipality, the Engineer, and Engineer’s Consultants, and all of whom shall be listed by name as additional insureds, and include coverage for the respective officers and employees of all such additional insureds, and shall cover the Contractor’s indemnity obligations under Article 107.26 of the Standard Specifications.

In addition to the insurance coverages required by Article 107.27 of the Standard Specifications, the Contractor shall also purchase and maintain umbrella liability coverage in an amount not less than $3,000,000. Such coverage shall include but not limited to, excess coverage for the Worker’s Compensation, Comprehensive General and Automobile Liability policies.

In addition to delivering certificates of insurance in accordance with Article 107.27 of the Standard Specifications, the Contractor shall also deliver to the Municipality, with copies to each additional insured, certificates of insurance which the Contractor is required to purchase and maintain in accordance with Article 107.27 prior to the execution of the contract. The Contractor shall also deliver to the Municipality, with copies to each additional insured, copies of all endorsements to the insurance policies within 30 calendar days after the execution of the contract or prior to final payment, whichever comes first. The Municipality will withhold the third, and subsequent progress payments or final pay request due the Contractor pending the receipt of all required insurance policy endorsements.

SUBCONTRACTORS

Add the following to the end of Section 108.01 of the Standard Specifications.

"The apparent low Bidder shall submit to the office of Engineer within ten (10) days after the receipt of bids, a list of the names of Bidder's proposed subcontractors along with a description of the work to be performed by each."

APPLICATION FOR PAYMENT

Add the following to the end of Section 109.07 (a) of the Standard Specifications.

"The Contractor shall procure from each subcontractor and supplier of material or labor a waiver of any claim which they may have under the mechanics lien laws of the state in which the Work is located, to insure the Municipality immunity from mechanics liens on subcontractors in carrying out the contract and any work orders for additions thereto, all as a condition of any payment by the Municipality. Any payments made by the Municipality without requiring compliance with this paragraph shall not be construed as a waiver by the Municipality of the right to require compliance with this paragraph as a condition to later payments.

The Contractor shall submit Partial Waivers of Lien from all subcontractors and suppliers with each partial payment estimate and Contractor's Affidavit for subcontractors and suppliers with second payment request for the previous payment estimates and then with all subsequent payment estimates."

Add the following to the end of Section 109.08 of the Standard Specifications.

"The Contractor shall furnish with his final application for payment a complete release of all liens arising out of this contract, or receipts in full in lieu thereof and an affidavit that the releases and receipts include all labor and material for which a lien could be filed."

LIMITATIONS ON ENGINEER'S AUTHORITY AND RESPONSIBILITIES

The authority and duties of Resident Engineer in Article 105.10 of the Standard Specifications are hereby deleted. The authority of Engineer is amended as follows.

"The Engineer will be the Municipality's representative during the construction period. The Engineer will furnish a Resident Project Representative (RPR) to assist the Engineer in providing job-site observation of the Contractor's Work. The RPR will provide base lines, benchmarks and reference points, assist the Contractor with interpretation of the Plans and Specifications, observe in general if the Contractor's Work is in conformity with the Contract Documents, and monitor the Contractor's progress as related to the date of completion. The Engineer will not supervise, direct, control or have authority over or be responsible for the Contractor's means, methods, techniques, sequences or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of the Contractor to comply with Laws and Regulations applicable to the furnishing or performance of the Work. The Engineer will not be responsible for the Contractor's failure to perform or furnish the Work in accordance with the Contract Documents.

The Engineer will not be responsible for the acts or omissions of the Contractor or any subcontractor, any supplier, or of any other person or organization performing or furnishing any of the Work.

These limitations on authority and responsibility set forth herein shall also apply to the Engineer's Consultants, Resident Project Representative and assistants."

MAINTENANCE OF ROADWAYS

Effective: September 30, 1985 Revised: November 1, 1996

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

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

CONSTRUCTION DEBRIS

Add the following to the third paragraph of Article 202.03 of the Standard Specifications:

"The Contractor shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the Contractor for 3 years."

STATUS OF UTILITIES (D-1)

Effective: June 1, 2016

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

UTILITIES TO BE WATCHED AND PROTECTED

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

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
No facilities within project limits.	Natural Gas Underground Pipelines	No conflicts anticipated.	Ameren CIPS Contact: Martin Fuller Ph: 618-236-6281	No conflicts anticipated.
E Perimeter Road	Underground Phone/Cable Lines	No conflicts anticipated.	Frontier Communications 112 West Elm Street Sycamore, IL 60178 Contact: Kalin Hinshaw Ph: 815-895-1515	No conflicts anticipated.
No facilities within project limits.	Underground Gas Mains & Services	No conflicts anticipated.	Nicor Gas Contact: Connie Lane Ph: 630-388-2362	No conflicts anticipated.
E Perimeter Road	Underground sewers, water mains, fiber optic, electric, and natural gas	No conflicts anticipated.	Village of Rantoul Contact: Public Works Ph: 217-892-6526	No conflicts anticipated.
E Perimeter Road	Underground Cable Lines	No conflicts anticipated.	Mediacom 200 S. 7th Street Roanoke, IL 61561 Contact: Dennis Jarding Ph: 309-743-4750	No conflicts anticipated.

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

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

The estimated relocation dates must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the

Department's contractor and the utility companies. The Department's contractor is responsible for contacting J.U.L.I.E. prior to any and all excavation work.

PREVAILING WAGE RATES:

This project is partially federally funded and both the State of Illinois prevailing wages and the Davis-Bacon wage rates will apply to this project.

COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) REQUIREMENTS:

This project is being federally funded, in part, through the HUD program for Community Development Block Grants (CDBG), therefore all federal labor standard provisions and equal opportunity provisions will be enforced. The successful contractor will be required to comply, to the greatest extent feasible, with regulations pertaining to opportunities for training and employment to lower income residents of the project area and to the provision that contracts work in connection with the project be awarded to business concerns located in, or owned in substantial part by persons residing in the area of the project. HUD will not be part of this invitation to bid or any resulting contract.

For more information, see the HUD ACT OF 1968 SECTION 3 REQUIREMENTS special provisions and the HUD SUPPLEMENTAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION special provisions located at the end of these documents.

HUD ACT OF 1968 SECTION 3 REQUIREMENTS:

I. "Section 3" Clause

a. Compliance

Compliance with the provisions of Section 3 of the HUD Act of 1968, as amended, and as implemented by the regulations set forth in 24 CFR 135, and all applicable rules and orders issued hereunder prior to the execution of this contract, shall be a condition of the Federal financial assistance provided under this contract and binding upon the Grantee, the Subrecipient and any of the Subrecipient's subrecipients and subcontractors. Failure to fulfill these requirements shall subject the Grantee, the Subrecipient and any of the Subrecipient's subrecipients and subcontractors, their successors and assigns, to those sanctions specified by the Agreement through which Federal assistance is provided. The Subrecipient certifies and agrees that no contractual or other disability exists that would prevent compliance with these requirements.

The Subrecipient further agrees to comply with these "Section 3" requirements and to include the following language in all subcontracts executed under this Agreement:

"The work to be performed under this Agreement is a project assisted under a program providing direct Federal financial assistance from HUD and is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended (12 U.S.C. 1701). Section 3 requires that to the greatest extent feasible opportunities for training and employment be given to low- and very low-income residents of the project area, and that contracts for work in connection with the project be awarded to business concerns that provide economic opportunities for low- and very low-income persons residing in the metropolitan area in which the project is located."

The Subrecipient further agrees to ensure that opportunities for training and employment arising in connection with a housing rehabilitation (including reduction and abatement of lead-based paint hazards), housing construction, or other public construction project are given to low- and very low-income persons residing within the metropolitan area in which the CDBG-funded project is located; where feasible, priority should be given to low- and very low-income persons within the service area of the project or the neighborhood in which the project is located, and to low- and very low-income participants in other HUD programs; and award contracts for work undertaken in connection with a housing rehabilitation (including reduction and abatement of lead-based paint hazards), housing construction, or other public construction project to business concerns that provide economic opportunities for low- and very low-income persons residing within the metropolitan area in which the CDBG-funded project is located; where feasible, priority should be given to business concerns that provide economic opportunities to low- and very low-income residents within the service area or the neighborhood in which the project is located, and to low- and very low-income participants in other HUD programs.

The Subrecipient certifies and agrees that no contractual or other legal incapacity exists that would prevent compliance with these requirements.

b. Notifications

The Subrecipient agrees to send to each labor organization or representative of workers with which it has a collective bargaining agreement or other contract or understanding, if any, a notice advising said labor organization or worker's representative of its commitments under this Section 3 clause and shall post copies of the notice in conspicuous places available to employees and applicants for employment or training.

c. Subcontracts

The Subrecipient will include this Section 3 clause in every subcontract and will take appropriate action pursuant to the subcontract upon a finding that the subcontractor is in violation of regulations issued by the grantor agency. The Subrecipient will not subcontract with any entity where it has notice or knowledge that the latter has been found in violation of

regulations under 24 CFR Part 135 and will not let any subcontract unless the entity has first provided it with a preliminary statement of ability to comply with the requirements of these regulations.

TRAFFIC CONTROL PLAN

Eff. 09-11-1990
Rev. 01-01-2014

Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these Special Provisions and any special details and highway standards contained herein and in the plans.

Special attention is called to Articles 107.09 and 107.14 of the Standard Specifications, the following Highway Standards relating to Traffic Control, and the listed Supplemental Specifications and Recurring Special Provisions.

Highway Standards:

701301 701311 701501 701801 701901

Traffic: It is the intention of the Village that
Veteran's Parkway and Perimeter Road be kept open to traffic at all times during the construction of this section. One-way traffic will be permitted in the immediate work areas during construction. At all other times, two-way traffic shall be maintained throughout the project.

The following traffic control standards shall be utilized during, but not limited to, the listed construction operations:

Standard Specifications:
Section 701 - Work Zone Traffic Control and Protection
Section 703 - Work Zone Pavement Marking

ERRATA Standard Specifications for Road and Bridge Construction

Supplemental Specifications:
Section 701 - Work Zone Traffic Control and Protection
Section 1106 – Work Zone Traffic Control Devices

In addition, the following also relate to traffic control for this project:

RECURRING SPECIAL PROVISIONS:

Work Zone Traffic Control (LRS 3)
Flaggers in Work Zones (LRS 4)

SPECIAL PROVISIONS:
Maintenance of Roadways

DETAILS:
Traffic Control and Protection Devices (Road & Sideroad/Street Closures)
Pavement Marking and Markers (Rural & Urban Applications)

The Contractor shall contact the Village at least 72 hours in advance of beginning work. Construction operations shall be conducted in a manner such that streets will be open to emergency traffic and accessible as required to local traffic. Advanced notice shall be provided to residents, police, fire, school districts and trash haulers when access to any street will be temporarily closed or limited. Removal and replacement of curb and gutter and driveways shall be planned so as to cause a minimum of inconvenience to the abutting property owners. The work shall be accomplished such that the streets will be left open to local traffic at the end of each working day.

Contractor elects to cover conflicting or inappropriate signing materials used, he/she shall totally block out reflectivity of the sign and shall cover the entire sign. The method for covering the signing shall meet the approval of the Engineer.

The Contractor shall coordinate all traffic control work on this project with adjoining or overlapping projects, including barricade placement necessary to provide a uniform traffic detour pattern. When directed by the Engineer, the Contractor shall remove all traffic control devices which were furnished and installed and maintained by him/her under this contract, and such devices shall remain the property of the Contractor. All traffic control devices shall remain in place until specific authorization for relocation or removal is received from the Engineer.

The Contractor shall ensure that all traffic control devices installed by him/her are operational, functional, and effective 24 hours a day, including Sundays and holidays.

All barricades, drums, and vertical panels shall be equipped with light when used during the hours of darkness.

Quality of Traffic Control Devices: Traffic Control Devices include signs and their supports, signals, pavement markings, barricades with sand bags, channelizing devices, warning lights, arrow boards, flaggers, or any device used for the purpose of regulating, detouring, warning or guiding traffic through or around the construction zone.

Traffic Control Surveillance: Traffic control surveillance will be required, but will not be paid for separately on this project. Recurring Local Roads and Streets Special Provision LRS 3 “Work Zone Traffic” will apply for inspection of traffic control devices on this project.

Signs: Construction signs referring to daytime lane closures during working hours shall be removed, covered or turned away from the view of motorists during non-working hours.

Flashing lights shall be used on each approach in advance of the work area, and in accordance with the details shown in the plans and the Highway Standards.

All provisions of Article 107.25 of the Standard Specifications shall apply except the third paragraph shall be revised to read: "The Contractor shall maintain, furnish, and replace at his/her own expense, any traffic sign or post which has been damaged or lost by the Contractor or a third party."

Opening Road to Traffic: Prior to opening the pavement to traffic, all patches, adjoining pavement and the entire right of way adjacent to the patching operations shall be cleared of all materials caused by the Contractor's operations, and the backfill along the curb-line or shoulder edge of the pavement shall be compacted to the satisfaction of the City Engineer.

EROSION CONTROL BLANKET

This work shall be done in accordance with Section 251 of the Standard Specifications except as modified herein.

251.02 Materials. Add the following to the end of the Article:

"Note 1. Erosion Control Blanket shall be BioNet S75BN as manufactured by North American Green of Poseyville, IN or approved equal. Netting shall be biodegradable and leno woven to allow individual strand movement. No nylon netting will be allowed."

251.04 Erosion Control Blanket. Add the following to the end of the Article:

"Erosion Control Blanket shall be secured in place according to the manufacturer's recommendations."

AGGREGATE SUBGRADE IMPROVEMENT

Description. This work shall consist of constructing an aggregate subgrade improvement under curb and gutter and/or sidewalk to be removed and replaced. This work shall include the removal and disposal of existing subgrade material in accordance with Section 202 of the Standard Specifications. The removal shall extend to a depth which allows for the installation of an aggregate base course, type B, at a depth of 4 inches, plus the depth of the proposed sidewalk or curb and gutter. This work shall also include furnishing and constructing an Aggregate Base Course, Type B in accordance with Section 351 of the Standard Specifications to a depth of 4 inches.

Method of Measurement. Aggregate used for base course will be measured for payment in square yards of the thickness specified. Any excavation required to complete this work will not be measured separately, but will be included in the cost of AGGREGATE SUBGRADE IMPROVEMENT.

Basis of Payment. This work will be paid for at the contract unit price per square yard for AGGREGATE SUBGRADE IMPROVEMENT of the thickness specified.

INLETS, TYPE A (SPECIAL)

Description. This work shall consist of furnishing and installing an inlet, type A, in accordance with Section 602 of the Standard Specifications except as modified herein, in order to replace an existing storm structure at locations identified in the schedule of materials or as determined by the Engineer in the field during construction. This item shall include replacement up to 3 feet of each existing pipe connection to the storm structure using pipe material matching the existing pipe, any connections as necessary to connect the inlet to the existing storm sewer, and furnishing, placing, and compacting trench backfill in accordance with Section 550 of the Standard Specifications. The Contractor is responsible for determining the type and size of the existing storm sewer pipe and furnishing the appropriate materials and fittings.

Basis of Payment. This work shall be paid for at the contract unit price per each for INLETS, TYPE A (SPECIAL). The work to remove the existing inlet shall be paid for separately as REMOVING INLETS. The frame and grate shall be paid for separately as FRAMES AND GRATES, TYPE 12.

AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS

This work shall consist of furnishing and placing aggregate for use as temporary access in accordance with section 402 of the Standard Specifications, except as modified herein.

Revise Article 402.10 of the Standard Specifications to read:

"**402.10 For Temporary Access**. The contractor shall construct and maintain aggregate surface course for temporary access to private entrances, commercial entrances and roads according to Article 402.07 and as determined by the Engineer.

The aggregate surface course shall be constructed to the dimensions and grades specified below, except as modified by the plans or as determined by the Engineer.

(a) Private Entrance. The minimum width shall be 12 ft. The minimum compacted thickness shall be 6 in. The maximum grade shall be eight percent, except as required to match the existing grade.

(b) Commercial Entrance. The minimum width shall be 24 ft. The minimum compacted thickness shall be 9 in. The maximum grade shall be six percent, except as required to match the existing grade.

(c) Road. The minimum width shall be 24 ft. The minimum compacted thickness shall be 9 in. The grade and elevation shall be the same as the removed pavement, except as required to meet the grade of any new pavement constructed.

Maintaining the temporary access shall include relocating and/or regrading the aggregate surface coarse for any operation that may disturb or remove the temporary access. The same type and gradation of material used to construct the temporary access shall be used to maintain it.

When use of the temporary access is discontinued, the aggregate shall be removed and utilized in the permanent construction or disposed of according to Article 202.03".

402.12 Method of Measurement. Add the following to this article:

"Aggregate surface Course for temporary access will be measured for payment as each for every private entrance, commercial entrance or road constructed for the purpose of temporary access. If a residential drive, commercial entrance, or road is to be constructed under multiple stages, the aggregate needed to construct the second or subsequent stages will not be measured for payment but shall be included in the cost per each of the type specified".

402.13 Basis of Payment. Revise the second paragraph of this Article to read:

"Aggregate surface course for temporary access will be paid for at the contract unit price per each for TEMPORARY ACCESS (PRIVATE ENTRANCE) or TEMPORARY ACCESS (ROAD).

Partial payment of the each amount bid for temporary access, of the type specified, will be paid according to the following schedule:

(a) Upon construction of the temporary access, sixty percent of the contract unit price per each, of the type constructed, will be paid.

(b) Subject to the approval of the Engineer for the adequate maintenance and removal of the temporary access, the remaining forty percent of the pay item will be paid upon the permanent removal of the temporary access".

AGGREGATE BASE COURSE REMOVAL AND REPLACEMENT 12"

This work is to be performed where the entire existing HMA surface is to be removed or pulverized and shall consist of the removal of the existing aggregate base course and subgrade materials to a minimum depth of 12 inches, disposal of surplus material, compacting the subgrade, and installation of porous granular embankment and aggregate base course Type B to a minimum compacted thickness of 12 inches.

After the subgrade has been brought to a smooth grade and proper shape, it shall be compacted by use of vibratory rollers and/or compactors in accordance with Article 351.04 of the Standard Specifications.

Replacement shall consist of providing Porous Granular Embankment in accordance with Article 207.03 to a minimum compacted thickness of 9 inches on a previously prepared subgrade. This Porous Granular Embankment layer shall be capped by a CA-6 crushed gravel or crushed stone base course layer compacted to a minimum thickness of 3 inches in accordance with Article 351.05. The material for the Porous Granular Embankment layer shall conform to Article 1004.05 of the Standard Specifications except the gradation shall be as follows:

1. Crushed Stone and Crushed Concrete

Sieve Size	Percent Passing
6 inches	97±3
4 inches	90±10
2 inches	45±25
#4	20±20
#200	5±5

2. Crushed Gravel

Sieve Size	Percent Passing
6 inches	97±3
4 inches	90±10
2 inches	55±25
#4	30±20
#200	5±5

Method of Measurement. This work shall be measured for payment in place and the area computed in square yards.

Basis of Payment. This work will be paid for at the contract unit price per square yard for AGGREGATE BASE COURSE REMOVAL AND REPLACEMENT 12".

SEEDING, CLASS 1 (SPECIAL)

This work shall be performed in accordance with of Section 250 of the Standard Specifications, except as modified herein.

250.09 Method of Measurement. Omit Article 250.09(a) and revise the Article 250.09(b) to read:

"(b) Measured Quantities. Seeding of the class specified will be measured for payment in place and the area computed in square yards. Fertilizer will not be measured for payment."

250.10 Basis of Payment. Revise this Article to read:

"**250.10 Basis of Payment**. This work will be paid for at the contract unit price per square yard for SEEDING, CLASS 1 (SPECIAL). Nitrogen Fertilizer Nutrients Phosphorus Fertilizer Nutrients, and Potassium Fertilizer Nutrients will not be paid for separately but will be included in the cost of SEEDING, CLASS 1 (SPECIAL).

STORM SEWERS TO BE CLEANED

This work shall include cleaning of existing storm sewers as shown on the schedule of materials or as determined by the Engineer in the field during construction.

Equipment. Equipment shall be according to the following:

A. General:
   1. Provide equipment constructed for ease and safety of operation and capable of cleaning to the degree specified in Construction Requirements of this Section.
   2. Provide equipment satisfactory to the Village and Engineer.

B. High-Velocity Jet (Hydrocleaning) Equipment:
   1. Provide equipment with a selection of 2 or more nozzles capable of producing a scouring action from 15 to 45 degrees in all size lines designated to be cleaned.
   2. Provide equipment capable of producing a minimum of 2,000 psi at 65 gpm for light cleaning.
   3. Provide higher capacity cleaning equipment for large diameter pipes and heavy cleaning.
   4. Accessories:
      a. Provide a root cutter or a sand nozzle if the condition of the sewer necessitates.

CONSTRUCTION REQUIREMENTS

Perform a cleaning with high-velocity jet consisting of up to three passes or flushes of the entire sewer section as approved by the Engineer. Limit pullback speed to no more than one foot per second, and utilize maximum pressure.

Perform additional cleaning (heavy cleaning), as directed by the Engineer when the initial three passes of the jetting equipment are not effective, consisting of additional passes or flushes of the entire sewer section with high-velocity jet, power rodding, or bucket equipment equipped with root cutter and sand nozzles and root saws or expandable cutters if conditions necessitate.

The Village will provide water for use by the Contractor for cleaning. The Contractor will fill his tank truck at the location designated by the Village and at times agreed to by the Village. The water will be provided at no cost.

Contractor will meter the amount of water taken from the Village's system and provide a written water use log to the Village at the end of the project.

Remove existing debris and debris resulting from the cleaning operation from the downstream manhole of the sewer section. Passing of debris through subsequent sections is not permitted. Provide "VAC" truck for this operation if necessary. Use of a VAC truck does not constitute heavy cleaning. Remove and dispose of debris from the cleaning operation at an approved landfill or at a location approved by the Village. If Village allows disposal at their WWTP, coordinate dumping times and locations with the Village.

Method of Measurement. This work shall be measured for payment in feet, measured from end to end of storm sewer.

Basis of Payment. This work will be paid for at the contract unit price per foot for STORM SEWERS TO BE CLEANED, regardless of the diameter of storm sewer cleaned.

COMBINATION CONCRETE CURB AND GUTTER

The existing curb varies in cross section and is not a standard size or shape of curb and gutter. Bidders are encouraged to visit the site to determine the amount of material and labor necessary to match the existing curb cross section.

This work shall be performed in accordance with section 606 of the Standard Specifications except as modified herein.

606.07 Concrete Gutter, Curb, and Curb and Gutter. Omit the second paragraph and revise the fourth paragraph to read:

"The depth of the gutter shall be constructed to match existing or a minimum of 9 inches, whichever is greater. Transverse contraction joints shall be constructed at intervals of 15' and shall be sawed to a depth equal to 1/3 the thickness of the gutter flag and to a width of not less than 1/8 in. Transverse expansion joints shall be constructed at all cold joints with existing curb and gutter, at 5' either side of a storm structure, and at intervals not to exceed 150'. Two #6 dowel bars with grease caps shall be installed at each expansion joint. The expansion joint filler material shall be cut to the exact cross section of the curb and gutter.

606.15 Basis of Payment. Revise this Article to read:

606.15 Basis of Payment. Combination Concrete Curb and Gutter shall be paid for at the contract unit price per foot for COMBINATION CONCRETE CURB AND GUTTER.

FRAMES AND GRATES, DRIVEWAY SPECIAL

This work shall be performed in accordance with Section 604 of the Standard Specifications except as modified herein. Where drainage structures are located in depressed curb and gutter, such as driveways, a new drainage casting that matches the cross the section of the curb and gutter shall be installed. The Contractor shall select the drainage casting that most closely follows the cross section of the curb and gutter from Neenah series R-3506 to R-3517 (or equivalent).

This work will be paid for at the contract unit price per each for FRAMES AND GRATES, DRIVEWAY SPECIAL.

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES:

The Contractor shall comply with the Section 669 of the Standard Specifications and regulations of 35 Ill. Adm. Code 1100 as amended by the Illinois Pollution Control Board for Clean Construction or Demolition Debris (CCDD) as included in the cost of the items of work for which this applies.

The owner will not be providing Source Site Certification (IEPA Form LPC-662) or Uncontaminated Soil Certification (IEPA Form LPC-663).

The Contractor shall provide soil testing and professional engineering services as necessary for disposal of material which include the following:

(1) Certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), the soil to be disposed is uncontaminated and within pH range of 6.25 and 9.0.

(2) Complete and certify Uncontaminated Soil Certification Form (IEPA LPC-663) by Licensed Professional Engineer or Licensed Professional Geologist.

(3) Provide additional analytical soil testing results and reports as required by the Contractor's soil disposal site and/or the Engineer.

The Engineer shall be provided with copies of all test results and certifications including Uncontaminated Soil Certification Form (IEPA LPC-663).

Based on a preliminary screening of the area, the following information has been found at the project site:

1) The project site, to the owner's knowledge, has not been used for commercial or industrial purposes.

It is anticipated that any uncontaminated soil and material to be removed may be taken to a State of Illinois permitted CCDD fill site, registered Uncontaminated Soil Fill Operation (USFO), or other approved location. Any certifications or testing required by the Contractor's disposal site shall be completed by the Contractor as included in the cost for SOIL DISPOSAL ANALYSIS (SPECIAL).

Photoionization detector (PID) or flame Ionization detector (FID) readings are not acceptable results for determining classification of the excavated material. Should a disposal site reject any load due to a detector reading, the Contractor shall notify the engineer, transport the load to an appropriate site, and quarantine the excavated material. Analytical testing shall then be performed in accordance with Article 669.08 of the Standard Specifications. Testing shall only be completed for suspected contaminants based on the property's land use history. No additional payment will be made to the Contractor for testing material rejected due to PID or FID readings.

If testing concludes that the material is uncontaminated, the item shall be removed and disposed of in accordance with the appropriate pay item for removal. If testing concludes that the material is classified as non-special waste, the Contractor shall coordinate with the Engineer to reuse and distribute the material in an approved manner on site at no additional cost. If on-site reuse is not feasible, disposal and removal shall be paid for [as NON-SPECIAL WASTE DISPOSAL] OR [according to Article 109.04 of the Standard Specifications].

669.16 Basis of Payment. Add the following to the end of the second paragraph:

"An estimated quantity of NON-SPECIAL WASTE DISPOSAL has been provided in the contract based on available information. The actual need for NON-SPECIAL WASTE DISPOSAL shall be determined in the field from the Contractor's soil disposal analysis for contaminated material or as determined at the time of construction. The quantity will be deducted from the contract if material is uncontaminated or reused and no additional compensation will be due to the Contractor."

Delete paragraph four and add the following to the end of the ninth paragraph:

"This work and all analysis for the project will be paid for at the contract lump sum price for SOIL DISPOSAL ANALYSIS (SPECIAL) including any requirements for special waste plans and reports for the preparation, administration, and execution of the Site Safety and Health Plan, Site Contamination Operation Plan, Erosion Control Plan, and reports. Payment shall be made for this item after submittal of final test results, plans and reports, and delivery receipts from approved CCDD or non-special waste disposal sites."

HMA SURFACE REMOVAL FOR SUBSEQUENT RESURFACING

Eff. 9/16/2009
Add the following after the first sentence in Article 440.04 of the Standard Specifications:

When the depth extends to the surface of existing concrete pavement, patches, etc., the milling shall leave a rough texture to their surfaces.

Add the following to Article 440.04 of the Standard Specifications:

All milled surfaces shall be cleaned by the use of air jets, water jets, mechanical sweeper, hand brooms, or other approved methods, or as required by the Engineer, until the surface is free of all dust, debris, millings and all loose or foreign matter.

HOT-MIX ASPHALT – REQUIRED FIELD TESTS

Effective 01/01/11
Revise the first paragraph of Article 1030.05(d)(3) to read as follows:

Required Field Tests. The Contractor shall control the compaction process by testing the mix density at random locations determined by the Engineer in accordance with the QC/QA document, "Determination of Random Density Test Site Locations", and recording the results on forms approved by the Engineer. The density locations will be disclosed and marked by the Engineer after all compaction efforts have been completed. Locations shall be laid out using a tape measure or an approved measuring wheel. The Contractor shall follow the density testing procedures detailed in the QC/QA document, "Illinois-Modified ASTM D 2950, Standard Test Method for Determination of Density of Bituminous Concrete In-Place by Nuclear Method".

LONGITUDINAL JOINT DENSITY (D5-FG)

Effective: January 1, 2010
Revised: December 10, 2014

Description. This work shall consist of testing the density of longitudinal joints as part of the quality control/quality assurance (QC/QA) of hot-mix asphalt (HMA). Work shall be according to Section 1030 of the Standard Specifications except as follows.

Quality Control/Quality Assurance (QC/QA). Delete the second and third sentence of the third paragraph of Article 1030.05(d)(3) of the Standard Specifications.

Add the following paragraphs to the end of Article 1030.05(d)(3) of the Standard Specifications:

"Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 4 in. (100 mm), from each pavement edge. (i.e. for a 4 in. (100 mm) lift the near edge of the density gauge or core barrel shall be within 4 in. (100 mm) from the edge of pavement.) Longitudinal joint density testing shall be performed using either a correlated nuclear gauge or cores.

a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.

b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced ten feet apart longitudinally along the unconfined pavement edge and centered at the random density test location."

Revise the Density Control Limits table in Article 1030.05(d)(4) of the Standard Specifications to read:

"Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density Minimum
IL-4.75	Ndesign=50	93.0 – 97.4% 1/	90.0%
IL-9.5	Ndesign ≥ 90	92.0 – 96.0%	90.0%
IL-9.5,IL-9.5L	Ndesign < 90	92.5 – 97.4%	90.0%
IL-19.0	Ndesign ≥ 90	93.0 – 96.0%	90.0%
IL-19.0, IL-19.0L	Ndesign < 90	93.0 – 97.4%	90.0%
IL-9.5FG < 1 ¼ in (32 mm)	Ndesign = 50 - 90	90.0 – 95.0%	90.0%
IL-9.5FG ≥ 1 ¼ in (32 mm)	Ndesign = 50 - 90	92.0 – 96.0%	90.0%
SMA	Ndesign = 50 & 80	93.5 – 97.4%	91.0%

1/ Density shall be determined by cores or by correlated, approved thin lift nuclear gauge.

2/ 92.0% when placed as first lift on an unimproved subgrade.

NON-VERTICAL IMPACT ROLLER FOR HOT-MIX ASPHALT

Eff. October 13, 2011

For all Hot-Mix Asphalt Mixtures placed at a rate exceeding 85 tons per hour (75 metric tons per hour), a Non-Vertical Impact roller may be used as the finish roller. The roller shall meet the requirements outlined below.

The roller shall be capable of operating in a mode that will provide non-vertical impacts and operate at a speed to produce not less than 10 impacts/ft (30 impacts/m). The roller shall be self-propelled and provide a smooth operation when starting, stopping or reversing directions. The non-vertical impact drum(s) amplitude and frequency shall be approximately the same in each direction and meet the following minimum requirements: drum diameter 48 in. (1200 mm), length of drum 66 in. (1650 mm), unit static force on drum(s) 125 lb/in. (22 N/m), adjustable eccentrics, and reversible eccentrics on non-driven drum(s). The total applied force and the direction it is applied for various combinations of VPM and eccentric positions shall be shown on decals on the vibrating roller or on a chart maintained with the roller. The roller shall be equipped with water tanks and sprinkling devices, or other approved methods, which shall be used to wet the drums to prevent material pickup.

This work will not be measured for payment or paid for separately, but shall be considered as included in the price per ton (metric ton) or square yard (square meter) of the various items of HOT-MIX ASPHALT, of the mixture and Ndesign (if applicable) specified.

PNEUMATIC-TIRED ROLLER FOR HOT-MIX ASPHALT

Eff. 10-01-1998
Rev. 09-01-2006

For all Hot-Mix Asphalt Mixtures placed at a rate exceeding 85 tons per hour (75 metric tons per hour), a pneumatic-tired roller will be required as the intermediate roller. This roller shall meet the requirements of Table 1 of Article 406.07 of the Standard Specifications. This provision shall hold over any other requirements included elsewhere in the contract.

This work will not be measured for payment or paid for separately, but shall be considered as included in the price per ton (metric ton) or square yard (square meter) of the various items of HOT-MIX ASPHALT, of the mixture and Ndesign (if applicable) specified.

SUPPLEMENTARY CONDITIONS OF THE CONTRACT FOR CONSTRUCTION

U.S. Department of Housing and Urban Development
Office of Housing

OMB Approval No. 2502-0598
(Exp. 06/30/2017)

Article 1: Labor Standards

A. **Applicability.** The Project or program to which the construction work covered by this Contract pertains is being assisted or insured by the United States of America, and the following Federal Labor Standards Provisions are included in this Contract or related instrument pursuant to the provisions applicable to such Federal assistance or insurance. Any statute or regulation contained herein shall also include any subsequent amendment or successor statute or regulation.

B. **Minimum Wages.** Pursuant to Section 212 of the National Housing Act, as amended, 12 U.S.C. 1715c, the minimum wage provisions contained in this paragraph B do not apply to those projects with Security Instruments insured under Section 221(h)(1) designed for less than 9 families and they do not apply to those projects with Security Instruments insured under either Section 220 or 233 designed for less than 12 families.

1. (i) All laborers and mechanics employed or working upon the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the Project) shall be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section 1 (b)(2) of the Davis-Bacon Act (40 U.S.C. 3141(2)(B)(ii)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of 29 CFR 5.5(a)(1)(iv); also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each

classification for the time actually worked therein: *Provided,* that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 29 CFR 5.5(a)(1)(ii)) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

(ii) (a) Any class of laborers or mechanics that is not listed in the wage determination and that is to be employed under this Contract shall be classified in conformance with the wage determination. HUD shall approve an additional classification and wage rate and fringe benefits only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(b) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and HUD or its designee agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by HUD or its designee to the Administrator of the Wage and Hour Division, U.S. Department of Labor, Washington, D.C. 20210 (**"Administrator"**). The Administrator, or an authorized representative, shall approve, modify, or disapprove every additional classification action within thirty (30) days of receipt and so advise HUD or its designee or shall notify HUD or its designee within the thirty (30) day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB control number 1215-0140.)

(c) In the event the Contractor, the laborers or mechanics to be employed in the classification or their representatives and HUD or its designee do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), HUD or its designee shall refer the questions, including the views of all interested parties and the recommendation of HUD or its designee, to the Administrator for determination. The Administrator, or an authorized representative, shall issue a determination within thirty (30) days of receipt and so advise HUD or its designee or shall notify HUD or its designee within the thirty (30) day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

(d) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs B.1.(ii)(b) or (c) of this Article, shall be paid to all workers

performing work in the classification under this Contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the Contract for a class of laborers or mechanics includes a fringe benefit that is not expressed as an hourly rate, the Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided*, That the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

2. **Withholding.** HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the Contractor under this Contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the Contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee or helper, employed or working on the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the Project), all or part of the wages required by the Contract, HUD or its designee may, after written notice to the Contractor, sponsor, applicant, or Owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased. HUD or its designee may, after written notice to the Contractor, disburse such amounts withheld for and on account of the Contractor or subcontractor to the respective employees to whom they are due.

3. **Payrolls, records, and certifications.**

(i) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the Project). Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in Section 1 (b)(2)(B) of the Davis-Bacon Act (40 U.S.C. 3141(2)(B)(ii))), daily and weekly number of hours worked, deductions made and actual wages paid.

Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1 (b)(2)(B) of the Davis-Bacon Act (40 U.S.C. 3141(2)(B)(ii)), the Contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs. (Approved by the Office of Management and Budget under OMB Control Numbers 1215-0140 and 1215-0017.)

(ii)(a) The Contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to HUD or its designee if the agency is a party to the Contract, but if the agency is not such a party, the Contractor shall submit the payrolls to the applicant, sponsor, or Owner, as the case may be, for transmission to HUD or its designee. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/whd/forms/wh347.pdf or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to HUD or its designee if the agency is a party to the Contract, but if the agency is not such a party, the Contractor will submit the payrolls to the applicant sponsor, or Owner, as the case may be, for transmission to HUD or its designee, the Contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this subparagraph for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to HUD or its designee.(Approved by the Office of Management and Budget under OMB Control Number 1215-0149.)

(b) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the Contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under 29 CFR 5.5(a)(3)(ii), the appropriate information is being maintained under 29 CFR 5.5(a)(3)(i), and that such information is correct and complete.
(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the Contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR Part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the Contract.

(c) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by subparagraph B.3.(ii)(b) of this Article.

(d) The falsification of any of the above certifications may subject the Contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Sections 3801 et seq of Title 31 of the United States Code.

(iii) The Contractor or subcontractor shall make the records required under subparagraph B.3.(i) of this Article available for inspection, copying, or transcription by authorized representatives of HUD or its designee or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit the required records or to make them available, HUD or its designee may, after written notice to the Contractor, sponsor, applicant, or Owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. **Apprentices and Trainees.**

(i) **Apprentices.** Apprentices shall be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship, or with a State Apprenticeship Agency recognized by such Office, or if a person is employed in his or her first ninety (90) days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship, or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in

any craft classification shall not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where the Contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship, or a State Apprenticeship Agency recognized by such Office, withdraws approval of an apprenticeship program, the Contractor shall no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) **Trainees.** Except as provided in 29 CFR 5.16, trainees shall not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman's hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws

approval of a training program, the Contractor shall no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) **Equal employment opportunity.** The utilization of apprentices, trainees and journeymen under 29 CFR Part 5 shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

5. **Compliance with Copeland Act Requirements.** The Contractor shall comply with the requirements of 29 CFR Part 3, which are incorporated by reference in this Contract.

6. **Subcontracts.** The Contractor or subcontractor shall insert in any subcontracts the clauses set forth in subparagraphs 1 through 10 of this paragraph B and such other clauses as HUD or its designee may by appropriate instructions require, and a copy of the applicable prevailing wage determination, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all Contract clauses referenced in this subparagraph.

7. **Contract termination and debarment.** A breach of the Contract clauses in 29 CFR 5.5 may be grounds for termination of the Contract, and for debarment as a contractor or a subcontractor as provided in 29 CFR 5.12.

8. **Compliance with Davis-Bacon and Related Act Requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this Contract.

9. **Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this Contract shall not be subject to the general disputes clause of this Contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and HUD or its designee, the U.S. Department of Labor, or the employees or their representatives.

10. **Certification of Eligibility.**

(i) By entering into this Contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of Section 3(a) of the Davis-Bacon Act (40 U.S.C. 3144(b)(2)) or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(ii) No part of this Contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of Section 3(a) of the Davis-Bacon Act (40

U.S.C. 3144(b)(2)) or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001. Additionally, U.S. Criminal Code, Section 1010, Title 18, U.S.C., "Federal Housing Administration transactions", provides in part: "Whoever, for the purpose of . . . influencing in any way the action of such Department . . . makes, passes, utters or publishes any statement, knowing the same to be false . . . shall be fined under this title or imprisoned not more than two years, or both."

C. **Contract Work Hours and Safety Standards Act.**

1. **Applicability and Definitions.** This paragraph C of Article 1 is applicable only if a direct form of federal assistance is involved, such as Section 8, Section 202/811 Capital Advance, grants etc., and is applicable only where the prime contract is in an amount greater than $100,000. As used in this paragraph C, the terms "laborers" and "mechanics" include watchmen and guards.

2. **Overtime requirements.** No contractor or subcontractor contracting for any part of the Contract work that may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty (40) hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty (40) hours in such workweek.

3. **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the immediately preceding subparagraph C.2, the Contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, the Contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of such subparagraph, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty (40) hours without payment of the overtime wages required by the clause set forth in such subparagraph.

4. **Withholding for unpaid wages and liquidated damages.** HUD or its designee shall, upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from any moneys payable on account of work performed by the Contractor or subcontractor under any such contract, or under any other Federal contract with the same prime contractor, or under any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act which is held by the same prime contractor such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or

subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph 3 of this paragraph C.

5. **Subcontracts.** The Contractor or subcontractor shall insert in any subcontracts the clauses set forth in subparagraphs 1 through 5 of this paragraph C and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in such subparagraphs 1 through 5.

D. **Certification.**

For projects with Security Instruments insured under the National Housing Act, as amended, that are subject to paragraph B of this Article 1, the Contractor is required to execute the Contractor's Prevailing Wage Certificate within HUD-92448 as a condition precedent to insurance by HUD of the Loan, or an advance thereof, made or to be made by the Lender in connection with the construction of the Project.

Article 2: Equal Employment Opportunity

A. **Applicability.** This Article 2 applies to any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan, insurance, or guarantee.

B. The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, disability, or national origin. The Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, disability or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. The Contractor agrees to post in conspicuous places available to employees and applicants for employment notices to be provided setting forth the provisions of this nondiscrimination clause.

C. The Contractor shall, in all solicitations or advertisements for employees placed by or on behalf of the Contractor state that all qualified applicants shall receive consideration for employment without regard to race, color, religion, sex, disability, or national origin.

D. The Contractor shall send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding a notice to be provided advising the said labor union or workers representatives of the Contractor's commitments hereunder, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

E. The Contractor shall comply with all provisions of Executive Order 11246 of September 24, 1965 and of the rules, regulations, and relevant orders of the Secretary of Labor.

F. The Contractor shall furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and shall permit access to its books, records, and accounts by the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

G. In the event of the Contractor's noncompliance with the nondiscrimination clauses of this Contract or with any of the said rules, regulations, or orders, this Contract may be canceled, terminated, or suspended in whole or in part and Contractor may be declared ineligible for further government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulations or order of the Secretary of Labor, or as otherwise provided by law.

H. The Contractor shall include the provisions of paragraphs A through H of this Article 2 in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions shall be binding upon each subcontractor or vendor. The Contractor shall take such action with respect to any subcontract or purchase order as HUD or the Secretary of Labor may direct as a means of enforcing such provisions, including sanctions for noncompliance. *Provided, however,* that in the event the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by HUD or the Secretary of Labor, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

Article 3: Equal Opportunity for Businesses and Lower Income Persons Located Within the Project Area

A. This Article 3 is applicable to projects covered by Section 3, as defined in 24 CFR Part 135.

B. The work to be performed under this Contract is on a project assisted under a program providing direct Federal financial assistance from HUD and is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u. Section 3 requires that to the greatest extent feasible opportunities for training and employment be given to lower income residents of the unit of local government or the metropolitan area (or non-metropolitan county) as determined by HUD in which the Project is located and contracts for work in connection with the Project be awarded to business concerns which are located in, or owned in substantial part by persons residing in the same metropolitan area (or non-metropolitan county) as the Project.

Article 4: Health and Safety

A. This Article 4 is applicable only where the prime contract is in an amount greater than $100,000.

B. No laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his or her health and safety as determined under construction safety and health standards promulgated by the Secretary of Labor by regulation.

C. The Contractor shall comply with all regulations issued by the Secretary of Labor pursuant to 29 CFR Part 1926, and failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act, 40 USC 3701 et seq.

D. The Contractor shall include the provisions of this Article 4 in every subcontract so that such provisions shall be binding on each subcontractor. The Contractor shall take such action with respect to any subcontract as HUD or the Secretary of Labor shall direct as a means of enforcing such provisions.

BDE SPECIAL PROVISIONS
For the April 22 and June 10, 2016 Lettings

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

	File Name	#		Special Provision Title	Effective	Revised
	80099	1		Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
*	80274	2		Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
	80192	3		Automated Flagger Assistance Device	Jan. 1, 2008	
	80173	4		Bituminous Materials Cost Adjustments	Nov. 2, 2006	July 1, 2015
	80241	5		Bridge Demolition Debris	July 1, 2009	
	5026I	6		Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5048I	7		Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5049I	8		Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5053I	9		Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
	80360	10		Coarse Aggregate Quality	July 1, 2015	
	80198	11		Completion Date (via calendar days)	April 1, 2008	
	80199	12		Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80293	13		Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	April 1, 2015
*	80311	14		Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
*	80277	15		Concrete Mix Design – Department Provided	Jan. 1, 2012	April 1, 2016
	80261	16		Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
*	80029	17		Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2016
*	80363	18		Engineer's Field Office	April 1, 2016	
	80358	19		Equal Employment Opportunity	April 1, 2015	
*	80364	20	✓	Errata for the 2016 Standard Specifications	April 1, 2016	
	80229	21		Fuel Cost Adjustment	April 1, 2009	July 1, 2015
	80304	22		Grooving for Recessed Pavement Markings	Nov. 1, 2012	Aug. 1, 2014
*	80246	23		Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	April 1, 2016
*	80347	24		Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	April 1, 2016
*	80336	25		Longitudinal Joint and Crack Patching	April 1, 2014	April 1, 2016
	80045	26		Material Transfer Device	June 15, 1999	Aug. 1, 2014
*	80342	27		Mechanical Side Tie Bar Inserter	Aug. 1, 2014	April 1, 2016
	80165	28		Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
*	80361	29		Overhead Sign Structures Certification of Metal Fabricator	Nov. 1, 2015	April 1, 2016
*	80349	30		Pavement Marking Blackout Tape	Nov. 1, 2014	April 1, 2016
*	80298	31		Pavement Marking Tape Type IV	April 1, 2012	April 1, 2016
*	80365	32		Pedestrian Push-Button	April 1, 2016	
*	80359	33		Portland Cement Concrete Bridge Deck Curing	April 1, 2015	April 1, 2016
*	80353	34		Portland Cement Concrete Inlay or Overlay	Jan. 1, 2015	April 1, 2016
*	80338	35		Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	April 1, 2014	April 1, 2016
*	80300	36		Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
	80328	37		Progress Payments	Nov. 2, 2013	
	3426I	38		Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
	80157	39		Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
*	80306	40	✓	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	April 1, 2016
*	80340	41		Speed Display Trailer	April 2, 2014	April 1, 2016
	80127	42		Steel Cost Adjustment	April 2, 2004	July 1, 2015
	80362	43		Steel Slag in Trench Backfill	Jan. 1, 2016	
*	80317	44		Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	April 1, 2016

File Name	#		Special Provision Title	Effective	Revised
80355	45		Temporary Concrete Barrier	Jan. 1, 2015	July 1, 2015
20338	46		Training Special Provisions	Oct. 15, 1975	
80318	47		Traversable Pipe Grate	Jan. 1, 2013	April 1, 2014
* 80288	48		Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	49		Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80289	50		Wet Reflective Thermoplastic Pavement Marking	Jan. 1, 2012	
80071	51	✓	Working Days	Jan. 1, 2002	

The following special provisions and recurring special provisions are in the 2016 Standard Specifications.

File Name	Special Provision Title	New Location	Effective	Revised
80240	Above Grade Inlet Protection	Articles 280.02, 280.04, and 1081.15	July 1, 2009	Jan. 1, 2012
80310	Coated Galvanized Steel Conduit	Article 811.03	Jan. 1, 2013	Jan. 1, 2015
80341	Coilable Nonmetallic Conduit	Article 1088.01	Aug. 1, 2014	Jan. 1, 2015
80294	Concrete Box Culverts with Skews ≤ 30 Degrees Regardless of Design Fill and Skews > 30 Degrees with Design Fills > 5 Feet	Article 540.04	April 1, 2012	April 1, 2014
80334	Concrete Gutter, Curb, Median, and Paved Ditch	Articles 606.02, 606.07, and 1050.04	April 1, 2014	Aug. 1, 2014
80335	Contract Claims	Article 109.09	April 1, 2014	
Chk Sht #27	English Substitution of Metric Reinforcement Bars	Article 508.09	April 1, 1996	Jan. 1, 2011
80265	Friction Aggregate	Articles 1004.01 and 1004.03	Jan. 1, 2011	Nov. 1, 2014
80329	Glare Screen	Sections 638 and 1085	Jan. 1, 2014	
Chk Sht #20	Guardrail and Barrier Wall Delineation	Sections 635, 725, 782, and 1097	Dec. 15, 1993	Jan. 1, 2012
80322	Hot-Mix Asphalt – Mixture Design Composition and Volumetric Requirements	Sections 312, 355, 406, 407, 442, 482, 601, 1003, 1004, 1030, and 1102	Nov. 1, 2013	Nov. 1, 2014
80323	Hot-Mix Asphalt – Mixture Design Verification and Production	Sections 406, 1030, and 1102	Nov. 1, 2013	Nov. 1, 2014
80348	Hot-Mix Asphalt – Prime Coat	Sections 403, 406, 407, 408, 1032, and 1102	Nov. 1, 2014	
80315	Insertion Lining of Culverts	Sections 543 and 1029	Jan. 1, 2013	Nov. 1, 2013
80351	Light Tower	Article 1069.08	Jan. 1, 2015	
80324	LRFD Pipe Culvert Burial Tables	Sections 542 and 1040	Nov. 1, 2013	April 1, 2015
80325	LRFD Storm Sewer Burial Tables	Sections 550 and 1040	Nov. 1, 2013	April 1, 2015
80337	Paved Shoulder Removal	Article 440.07	April 1, 2014	
80254	Pavement Patching	Article 701.17	Jan. 1, 2010	
80352	Pavement Striping - Symbols	Article 780.14	Jan. 1, 2015	
Chk Sht #19	Pipe Underdrains	Section 601 and Articles 1003.01, 1003.04, 1004.05, 1040.06, and 1080.05	Sept. 9, 1987	Jan. 1, 2007
80343	Precast Concrete Handhole	Articles 814.02, 814.03, and 1042.17	Aug. 1, 2014	
80350	Retroreflective Sheeting for Highway Signs	Article 1091.03	Nov. 1, 2014	
80327	Reinforcement Bars	Section 508 and Articles 421.04, 442.06, 1006.10	Nov. 1, 2013	
80344	Rigid Metal Conduit	Article 1088.01	Aug. 1, 2014	
80354	Sidewalk, Corner, or Crosswalk Closure	Article 1106.02	Jan. 1, 2015	April 1, 2015
80301	Tracking the Use of Pesticides	Article 107.23	Aug. 1, 2012	
80356	Traffic Barrier Terminals Type 6 or 6B	Article 631.02	Jan. 1, 2015	
80345	Underpass Luminaire	Articles 821.06 and 1067.04	Aug. 1, 2014	April 1, 2015

File Name	Special Provision Title	New Location	Effective	Revised
80357	Urban Half Road Closure with Mountable Median	Articles 701.18, 701.19, and 701.20	Jan. 1, 2015	July 1, 2015
80346	Waterway Obstruction Warning Luminaire	Article 1067.07	Aug. 1, 2014	April 1, 2015

The following special provisions require additional information from the designer. The additional information needs to be included in a separate document attached to this check sheet. The Project Development and Implementation section will then include the information in the applicable special provision. The Special Provisions are:

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

ERRATA FOR THE 2016 STANDARD SPECIFICATIONS (BDE)

Effective: April 1, 2016

Page 84 Article 204.02. In the seventh line of the first paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)".

Page 90 Article 205.06. In the first sentence of the third paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)".

Page 91 Article 205.06. In the first sentence of the fourth paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)", and in the second sentence change "AASHTO T 224" to "Illinois Modified AASHTO T 99 (Annex A1)".

Page 91 Article 205.06. In the second line of the fifth paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191".

Page 91 Article 205.06. In the sixth line of the eighth paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)".

Page 148 Article 302.09. In the second sentence of the fifth paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191", and in the third sentence change "AASHTO T 99" to "Illinois Modified AASHTO T 99".

Page 152 Article 310.09. In the second sentence of the second paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191", and in the third sentence change "AASHTO T 99" to "Illinois Modified AASHTO T 99".

Page 155 Article 311.05(a). In the first sentence of the fifth paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)", and in the second sentence change "AASHTO T 224" to "Illinois Modified AASHTO T 99 (Annex A1)".

Page 155 Article 311.05(a). In the second line of the sixth paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191".

Page 163 Article 351.05(a). In the second sentence of the fifth paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)", and in the third sentence change "AASHTO T 224" to "Illinois Modified AASHTO T 99 (Annex A1)".

Page 163 Article 351.05(a). In the second line of the sixth paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191".

Page 169 Article 352.11. In the second sentence of the fourth paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191", and in the third sentence change "AASHTO T 134 (Method B)" to "Illinois Modified AASHTO T 134 (Method B)".

Page 169 Article 352.12. In the first sentence of the first paragraph change "AASHTO T 22" to "Illinois Modified AASHTO T 22", and in the second sentence change "AASHTO T 134 (Method B)" to "Illinois Modified AASHTO T 134 (Method B)".

Page 196 Article 406.07(a). After the footnotes in Table 1 - Minimum Roller Requirements for HMA add the following:

"EQUIPMENT DEFINITION

V_s - Vibratory roller, static mode, minimum 125 lb/in. (2.2 kg/mm) of roller width. Maximum speed = 3 mph (5 km/h) or 264 ft/min (80 m/min). If the vibratory roller does not eliminate roller marks, its use shall be discontinued and a tandem roller, adequately ballasted to remove roller marks, shall be used.

V_D - Vibratory roller, dynamic mode, operated at a speed to produce not less than 10 impacts/ft (30 impacts/m).

P - Pneumatic-tired roller, max. speed 3 1/2 mph (5.5 km/h) or 308 ft/min (92 m/min). The pneumatic-tired roller shall have a minimum tire pressure of 80 psi (550 kPa) and shall be equipped with heat retention shields. The self-propelled pneumatic-tired roller shall develop a compression of not less than 300 lb (53 N) nor more than 500 lb (88 N) per in. (mm) of width of the tire tread in contact with the HMA surface.

T_B - Tandem roller for breakdown rolling, 8 to 12 tons (7 to 11 metric tons), 250 to 400 lb/in. (44 to 70 N/mm) of roller width, max. speed = 3 1/2 mph (5.5 km/h) or 308 ft/min (92 m/min).

T_F - Tandem roller for final rolling, 200 to 400 lb/in. (35 to 70 N/mm) of roller width with minimum roller width of 50 in. (1.25 m). Ballast shall be increased if roller marks are not eliminated. Ballast shall be decreased if the mat shoves or distorts.

3W- Three wheel roller, max. speed = 3 mph (5 km/h) or 264 ft/min (80 m/min), 300 to 400 lb/in. (53 to 70 N/mm) of roller width. The three-wheel roller shall weigh 10 to 12 tons (9 to 11 metric tons)."

Page 331 Article 505.04(p). Under Range of Clearance in the first table change "in. x 10^{-6}" to "in. x 10^{-3}".

Page 444 Article 542.03. In the Notes in Table IIIB add "CPP Corrugated Polypropylene (CPP) pipe with smooth interior".

Page 445 Article 542.03. In the fourth column in Table IIIB (metric) change the heading for Type 5 pipe from "CPE" to "CPP".

Page 445 Article 542.03. In the Notes in Table IIIB (metric) change "PE Polyethylene (PE) pipe with a smooth interior" to "CPP Corrugated Polypropylene (CPP) pipe with smooth interior".

Page 449 Article 542.04(f)(2). In the third line of the second paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)".

Page 544 Article 639.03. In the first sentence of the first paragraph change "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, Traffic Signals," to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals,"".

Page 546 Article 640.03. In the first sentence of the first paragraph change "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 548 Article 641.03. In the first sentence of the first paragraph change "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaire and Traffic Signals," to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals,"".

Page 621 Article 727.03. In the first sentence of the third paragraph change "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 629 Article 734.03(a). In the fourth line of the second paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)".

Page 649 Article 801.02. In the first sentence of the first paragraph change "AASHTO's Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 742 Article 1003.04(c). Under Gradation in the table change "(see Article 1003.02(c))" to "(see Article 1003.01(c))".

Page 755 Article 1004.03(b). Revise the third sentence of the first paragraph to read "For Class A (seal or cover coat), and other binder courses, the coarse aggregate shall be Class C quality or better.".

Page 809 Article 1020.04(e). In the third line of the first paragraph change "ITP SCC-3" to "ITP SCC-4".

Page 945 Article 1069.05. In the first sentence of the tenth paragraph change ""Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 961 Article 1070.04(b)(1). In the third sentence of the first paragraph change ""Standard Specifications of Structural Supports for Highway Signs, Luminaires and Traffic Signals" published by AASHTO" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 989 Article 1077.01. In the second sentence of the first paragraph change "Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, as published by AASHTO" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 1121 Article 1103.13(a). In the first line of the first paragraph change "Bridge Deck Approach Slabs." to "Bridge Deck and Approach Slabs.".

80364

RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (BDE)

Effective: November 1, 2012
Revise: April 1, 2016

Revise Section 1031 of the Standard Specifications to read:

"SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES

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

(a) Reclaimed Asphalt Pavement (RAP). RAP is the material produced by cold milling or crushing an existing hot-mix asphalt (HMA) pavement. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.

(b) Reclaimed Asphalt Shingles (RAS). Reclaimed asphalt shingles (RAS). RAS is from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material, as defined in Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources", by weight of RAS. All RAS used shall come from a Bureau of Materials and Physical Research approved processing facility where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 93 percent passing the #4 (4.75 mm) sieve based on a dry shake gradation. RAS shall be uniform in gradation and asphalt binder content and shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.

(1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.

(2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

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

(a) RAP Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. No additional RAP shall be added to the pile after the pile has been sealed. Stockpiles shall be sufficiently separated to prevent intermingling at the base. Stockpiles shall be identified by signs indicating the type as listed below (i.e. "Homogeneous Surface").

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

(1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. All FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP shall pass the sieve size specified below for the mix into which the FRAP will be incorporated.

Mixture FRAP will be used in:	Sieve Size that 100 % of FRAP Shall Pass
IL-19.0	1 1/2 in. (40 mm)
IL-9.5	3/4 in. (20 mm)
IL-4.75	1/2 in. (13 mm)

(2) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered "homogeneous" with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.

(3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag.

(4) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

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

(b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall not be intermingled. Each stockpile shall be signed indicating what type of RAS is present.

Unless otherwise specified by the Engineer, mechanically blending manufactured sand (FM 20 or FM 22) up to an equal weight of RAS with the processed RAS will be permitted to improve workability. The sand shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The sand shall be accounted for in the mix design and during HMA production.

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

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

(a) RAP/FRAP Testing. When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.

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

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

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

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

Samples shall be collected during stockpiling at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1000 tons (900 metric tons) and one sample per 250 tons (225 metric tons) thereafter. A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). Once a $\leq$ 1000 ton (900 metric ton), five-sample/test stockpile has been established it shall be sealed. Additional incoming RAS or RAS blended with manufactured sand shall be stockpiled in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

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

If the sampling and testing was performed at the shingle processing facility in accordance with the QC Plan, the Contractor shall obtain and make available all of the test results from start of the initial stockpile.

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

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

Parameter	FRAP/Homogeneous/ Conglomerate
1 in. (25 mm)	
1/2 in. (12.5 mm)	± 8 %
No. 4 (4.75 mm)	± 6 %
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	
No. 30 (600 µm)	± 5 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder	± 0.4 % 1/
G_{mm}	± 0.03

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

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

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

(b) Evaluation of RAS and RAS Blended with Manufactured Sand Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. Individual test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 µm)	± 4 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder Content	± 1.5 %

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, or if the percent unacceptable material exceeds 0.5 percent by weight of material retained on the # 4 (4.75 mm) sieve, the RAS or RAS blend shall not be used in Department projects. All test data and acceptance ranges shall be sent to the District for evaluation.

1031.05 Quality Designation of Aggregate in RAP/FRAP.

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

(1) RAP from Class I, Superpave/HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.

(2) RAP from Class I binder, Superpave/HMA (High ESAL) binder, or (Low ESAL) IL-19.0L binder mixtures are designated as containing Class C quality coarse aggregate.

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

If the quality is not known, the quality shall be determined as follows. Coarse and fine FRAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5000 tons (4500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant laboratory prequalified by the Department for the specified testing. The consultant laboratory shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the Bureau of Materials and Physical Research Aggregate Lab for MicroDeval Testing, according to ITP 327. A maximum loss of 15.0 percent will be applied for all HMA applications.

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

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

(1) Coarse Aggregate Size. The coarse aggregate in all RAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.

(2) Steel Slag Stockpiles. Homogeneous RAP stockpiles containing steel slag will be approved for use in all HMA (High ESAL and Low ESAL) Surface and Binder Mixture applications.

(3) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better. RAP/FRAP from Conglomerate stockpiles shall be considered equivalent to limestone for frictional considerations. Known frictional contributions from plus #4 (4.75 mm) homogeneous RAP and FRAP stockpiles will be accounted for in meeting frictional requirements in the specified mixture.

(4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.

(5) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, or conglomerate.

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

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

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

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

RAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures 1/, 2/	RAP/RAS Maximum ABR %		
Ndesign	Binder/Leveling Binder	Surface	Polymer Modified
30	30	30	10

50	25	15	10
70	15	10	10
90	10	10	10

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

2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28). If warm mix asphalt (WMA) technology is utilized and production temperatures do not exceed 275 °F (135 °C), the high and low virgin asphalt binder grades shall each be reduced by one grade when RAP/RAS ABR exceeds 25 percent (i.e. 26 percent RAP/RAS ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

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

FRAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures 1/, 2/	FRAP/RAS Maximum ABR %		
Ndesign	Binder/Leveling Binder	Surface	Polymer Modified 3/, 4/
30	50	40	10
50	40	35	10
70	40	30	10
90	40	30	10

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

2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28). If warm mix asphalt (WMA) technology is utilized and production temperatures do not exceed 275 °F (135 °C), the high and low virgin asphalt binder grades shall each be reduced by one grade when FRAP/RAS ABR exceeds 25 percent (i.e. 26 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

3/ For SMA the FRAP/RAS ABR shall not exceed 20 percent.

4/ For IL-4.75 mix the FRAP/RAS ABR shall not exceed 30 percent.

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

(a) RAP/FRAP and/or RAS. RAP/FRAP and/or RAS mix designs shall be submitted for verification. If additional RAP/FRAP and/or RAS stockpiles are tested and found that no more than 20 percent of the results, as defined under "Testing" herein, are outside of the control tolerances set for the original RAP/FRAP and/or RAS stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP and/or RAS stockpiles may be used in the original mix design at the percent previously verified.

(b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design. A RAS stone bulk specific gravity (Gsb) of 2.300 shall be used for mix design purposes.

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

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

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAP feed system to remove or reduce oversized material. If material passing the sizing device adversely affects the mix production or quality of the mix, the sizing device shall be set at a size specified by the Engineer.

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

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

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

(1) Dryer Drum Plants.

a. Date, month, year, and time to the nearest minute for each print.

b. HMA mix number assigned by the Department.

c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

d. Accumulated dry weight of RAP/FRAP/RAS in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.

f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.

g. Residual asphalt binder in the RAP/FRAP material as a percent of the total mix to the nearest 0.1 percent.

h. Aggregate and RAP/FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP are printed in wet condition.)

(2) Batch Plants.

a. Date, month, year, and time to the nearest minute for each print.

b. HMA mix number assigned by the Department.

c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).

d. Mineral filler weight to the nearest pound (kilogram).

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

f. Virgin asphalt binder weight to the nearest pound (kilogram).

g. Residual asphalt binder in the RAP/FRAP/RAS material as a percent of the total mix to the nearest 0.1 percent.

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

1031.09 RAP in Aggregate Surface Course and Aggregate Wedge Shoulders, Type B. The use of RAP in aggregate surface course (temporary access entrances only) and aggregate wedge shoulders, Type B shall be as follows.

(a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply. RAP used shall be according to the current Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".

(b) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted."

80306

WORKING DAYS (BDE)

Effective: January 1, 2002

The Contractor shall complete the work within 20 working days.

80071

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

SPECIAL PROVISION
FOR
INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

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

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

Village of Rantoul (Owner)

Baxter and Woodman, Inc. (Engineer)

Engineer's Consultants

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

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

SPECIAL PROVISION FOR EQUIPMENT RENTAL RATES

Effective: January 1, 2012

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

Replace Article 109.04(b)(4) with the following:

"(4) Equipment. For any machinery or special equipment (other than small tools) the use of which has been authorized by the Engineer, the Contractor will be paid according to the latest revision of “SCHEDULE OF AVERAGE ANNUAL EQUIPMENT OWNERSHIP EXPENSE” and latest index factor as issued by the Illinois Department of Transportation. The equipment should be of a type and size reasonably required to complete the extra work.”

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads & Streets

SPECIAL PROVISION
FOR
FILLING HMA CORE HOLES WITH NON-SHRINK GROUT

Effective: January 1, 2008

All references to Sections and Articles in this Special Provision shall be construed to mean specific Sections and Articles in the Standard Specifications for Road and Bridge Construction adopted by the Department of Transportation.

Add the following after the first paragraph of Article 406.07(c) of the Standard Specifications:

> "Upon completion of coring for density testing, all free water shall be removed from the core holes prior to filling. All core holes shall be filled with a non-shrink grout from the Department's approved list, which shall be mixed in a separate container prior to placement in the hole. Only enough water to permit placement and consolidation by rodding shall be used, and the material shall be struck-off flush with the adjacent pavement."

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".

2. UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY TO VERIFY THAT GRADE CONFLICTS WILL NOT OCCUR WITH ANY PROPOSED UTILITIES PRIOR TO CONSTRUCTION AND ORDERING ANY MATERIALS. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR. THE COST OF THIS EXPLORATION SHALL BE INCLUDED IN THE COST OF THE PROPOSED UTILITY CONSTRUCTION.

3. THE CONTRACTOR SHALL NOTIFY THE VILLAGE'S DIRECTOR OF PUBLIC WORKS AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.

4. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.

5. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AS TEMPORARY ACCESS.

6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.

7. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.

GENERAL NOTES

8. PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 6-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES DRIVEWAYS. TRANSVERSE EXPANSION JOINTS ¾" SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 5-FEET.

9. A ½-INCH THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF THE DRIVEWAY APRON AND CURB, AND AT THE JUNCTION OF THE DRIVEWAY APRON AND THE SIDEWALK. THIS WORK WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT.

10. THE CONTRACTOR SHALL CONTACT THE LOCAL AGENCY MATERIAL INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONCRETE OR HOT-MIX ASPHALT MATERIAL DELIVERIES.

11. ANY ANTI-STRIPPING ADDITIVE REQUIRED SHALL BE INCLUDED IN THE COST OF THE SURFACE COURSE.

12. ALL FRAME AND LID CASTINGS LOCATED WITHIN THE PAVEMENT WHICH REQUIRE RESETTING TO FINISH GRADE SHALL BE BACKFILLED WITH CLASS SI CONCRETE AND ALLOWED TO CURE FOR 72 HOURS PRIOR TO PLACEMENT OF SURFACE COURSE. CLASS PP CONCRETE SHALL BE USED IF PLACEMENT OF SURFACE COURSE IS PLANNED IN LESS THAN 72 HOURS. HMA MATERIALS WILL NOT BE ALLOWED AS BACKFILL AROUND AN ADJUSTED CASTING. THIS WORK SHALL APPLY TO ALL CASTINGS ADJUSTED OR RECONSTRUCTED AS PART OF THIS CONTRACT, WHETHER PAID FOR SEPARATELY OR INCLUDED IN OTHER CONTRACT WORK.

13. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.

14. PDF'S OF THE LATEST SPECIAL PROVISIONS WILL BE PROVIDED ON A CD WHICH WILL BE GIVEN TO THE GENERAL CONTRACTOR AT THE PRECONSTRUCTION CONFERENCE FOR HIS USE. ADDITIONAL PAPER COPIES WILL NOT BE DISTRIBUTED BY THE ENGINEER.

15. DETECTABLE WARNINGS SHALL BE CONSTRUCTED WITH THE INSTALLATION OF A CAST-IN-PLACE REPLACEABLE 24"X48" OR 24"X60" PANEL (WHICHEVER NECESSARY SO PANEL EXTENDS FULL WIDTH OF SIDEWALK RAMP) MANUFACTURED BY ACCESS TILE; ADA SOLUTIONS, INC.; OR TUFTILE. THE PANEL SHALL COMPLY WITH ADA REQUIREMENTS AND SHALL BE APPROVED BY THE VILLAGE PRIOR TO INSTALLATION. THE DOMES LOCATED ON THE PANEL SHALL PARALLEL THE PAVEMENT CROSS WALK WITH THE CLOSEST EDGE LOCATED AT THE BACK OF CURB. THE PANEL COLOR SHALL BE SELECTED BY THE VILLAGE. INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

GENERAL NOTES

16. THE COST OF MAKING ANY SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER OR STRUCTURE. ANY ADDITIONAL STORM SEWER PIPE REQUIRED TO MAKE THE CONNECTION SHALL BE OF THE SAME SIZE AND MATERIAL TYPE AS THE EXISTING STORM SEWER AND SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE.

17. ALL CRACKS AND JOINTS SHALL BE CLEANED PRIOR TO FILLING THEM. THIS WORK SHALL BE INCLUDED IN THE ITEM "MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS."

18. DURING CONSTRUCTION, THE CONTRACTOR WILL BE PERMITTED TO LIMIT ON-STREET PARKING IN ORDER TO COMPLETE CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH THE MUNICIPALITY A MINIMUM OF 48 HOURS IN ADVANCE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PLACE ADVANCE SIGNS TO ALERT RESIDENTS AND COMMUTERS OF THE CONSTRUCTION WORK. THE PLACEMENT OF THESE SIGNS SHALL TAKE PLACE 48 HOURS IN ADVANCE IN ORDER TO ALLOW SUFFICIENT TIME FOR RESIDENTS AND GENERAL PUBLIC TO REVISE THEIR PARKING PATTERNS.

19. IF MATERIAL IS TAKEN TO AN IEPA APPROVED FILL SITE, THE CONTRACTOR IS RESPONSIBLE FOR THE TESTING REQUIRED BY THE SITE WHICH INCLUDES: CERTIFYING SOILS ARE UNCONTAMINATED AND WITHIN PH OF 6.25 TO 9.0, COMPLETION OF IEPA FORM LPC-663 BY A LICENSED P.E., AND ADDITIONAL ANALYTICAL TESTING REQUIRED BY THE DISPOSAL SITE AND/OR ENGINEER. THE ENGINEER SHALL BE PROVIDED COPIES OF ALL TEST RESULTS AND CERTIFICATIONS (INCLUDING LPC-663). BASED ON PRELIMINARY SCREENING OF THE AREA, THE PROJECT SITE, TO THE OWNERS KNOWLEDGE, HAS NOT BEEN USED FOR COMMERCIAL OR INDUSTRIAL PURPOSES. PID OR FID READINGS ARE NOT ACCEPTABLE RESULTS FOR CLASSIFYING THE MATERIAL. IF REJECTED, ANALYTICAL TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 669.08. IF MATERIAL IS UNCONTAMINATED, IT SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE APPROPRIATE PAY ITEM. IF MATERIAL IS UNCONTAMINATED, IT SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE APPROPRIATE PAY ITEM. IF THE MATERIAL IS CLASSIFIED AS NON-SPECIAL WASTE, THE CONTRACTOR SHALL REUSE THE MATERIAL ON SITE AT NO ADDITIONAL COST. IF ON-SITE USE IS NOT FEASIBLE, DISPOSAL SHALL BE PAID FOR AS NON-SPECIAL WASTE DISPOSAL. ALL ADDITIONAL CERTIFICATIONS AND ANALYSIS COMPLETED BY THE CONTRACTOR SHALL BE PAID FOR AS "SOIL DISPOSAL ANALYSIS (SPECIAL)".

			SUMMARY OF QUANTITIES			VETERANS	E. PERIMETER
						PARKWAY	ROAD
SPECIAL PROVISION	SPECIALTY ITEM	ITEM NUMBER	DESCRIPTION	UNITS	TOTAL QUANTITY	(STA 1+00 TO STA 20+92)	(STA 20+92 TO STA 42+25)
		1	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	226	222	4
		2	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,600	1,350	250
X		3	EROSION CONTROL BLANKET	SQ YD	1,600	1,350	250
		4	INLET FILTERS	EACH	10	0	10
X		5	AGGREGATE SUBGRADE IMPROVEMENT 4"	SQ YD	397	0	397
		6	HOT-MIX ASPHALT BASE COURSE, 2 1/4"	SQ YD	6,217	0	6,217
		7	PREPARATION OF BASE	SQ YD	6,217	0	6,217
		8	AGGREGATE BASE REPAIR	TON	260	0	260
		9	BITUMINOUS MATERIALS (PRIME COAT)	POUND	14,000	0	14,000
		10	BITUMINOUS MATERIALS (TACT COAT)	POUND	4,500	3,100	1,400
		11	AGGREGATE (PRIME COAT)	TON	10	10	0
		12	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	4	4	0
		13	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	191	191	0
		14	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,214	517	697
		15	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	62	0	62
		16	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,867	0	1,867
		17	DETECTABLE WARNINGS	SQ FT	60	0	60
		18	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	4,613	4,613	0
		19	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	6,217	0	6,217
		20	DRIVEWAY PAVEMENT REMOVAL	SQ YD	62	0	62
		21	COMBINATION CURB AND GUTTER REMOVAL	FOOT	550	0	550
		22	SIDEWALK REMOVAL	SQ FT	1,867	0	1,867
		23	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	70	70	0
		24	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	140	140	0
		25	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	210	210	0

			SUMMARY OF QUANTITIES			VETERANS	E. PERIMETER
						PARKWAY	ROAD
SPECIAL PROVISION	SPECIALTY ITEM	ITEM NUMBER	DESCRIPTION	UNITS	TOTAL QUANTITY	(STA 1+00 TO STA 20+92)	(STA 20+92 TO STA 42+25)
		26	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	280	280	0
		27	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1,350	1,328	22
X		28	INLETS, TYPE A (SPECIAL)	EACH	1	0	1
		29	CATCH BASINS TO BE ADJUSTED	EACH	1	0	1
		30	INLETS TO BE ADJUSTED	EACH	4	0	4
		31	INLETS TO BE RECONSTRUCTED	EACH	4	0	4
		32	FRAMES AND GRATES, TYPE 12	EACH	7	0	7
		33	REMOVING INLETS	EACH	1	0	1
		34	MOBILIZATION	L SUM	1		
		35	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		
		36	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		
	X	37	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,230	994	1,236
	X	38	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	52	0	52
	X	39	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	24	0	24
X		40	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	29	0	29
X		41	TEMPORARY ACCESS (ROAD)	EACH	6	0	6
X		42	AGGREGATE BASE COURSE REMOVAL AND REPLACEMENT 12"	SQ YD	630	0	630
X		43	SEEDING, CLASS 1 (SPECIAL)	SQ YD	1,600	1,350	250
X	X	44	STORM SEWERS TO BE CLEANED	FOOT	25	0	25
X		45	COMBINATION CONCRETE CURB AND GUTTER	FOOT	550	0	550
X		46	FRAMES AND GRATES, DRIVEWAY SPECIAL	EACH	3	0	3
X		47	SOIL DISPOSAL ANALYSIS (SPECIAL)	EACH	4	2	2
X		48	NON-SPECIAL WASTE DISPOSAL	CU YD	50	50	0

Schedule of Quantities

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS						
STATION	-	STATION	LOCATION	NOTES	AREA (SQ YD)	VOLUME (CU YD)
1+00	-	20+92	RT	EXCAVATION FOR AGG SHOULDER	664	111
1+00	-	20+92	LT	EXCAVATION FOR AGG SHOULDER	664	111
TOTAL (VETERANS PARKWAY)						**222**
41+92	-	42+25	RT	EXCAVATION FOR AGG SHOULDER	11	2
41+92	-	42+25	LT	EXCAVATION FOR AGG SHOULDER	11	2
TOTAL (E. PERIMETER ROAD)						**4**
TOTAL (PROJECT)						**226**

TOPSOIL FURNISH AND PLACE, 4"; SEEDING, CLASS 1 (SPECIAL); AND EROSION CONTROL BLANKET							
STATION	TO	STATION	LOCATION	TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 1 (SPECIAL)	EROSION CONTROL BLANKET	
				(SQ YD)	(SQ YD)	(SQ YD)	NOTES
1+00		20+92	RT	664	664	664	NEW AGG SHOULDER
1+00		20+92	LT	664	664	664	NEW AGG SHOULDER
ADDITIONAL NOMINAL QUANTITY FOR USE AS DETERMINED BY THE ENGINEER				22	22	22	
TOTAL (VETERANS PARKWAY)				**1,350**	**1,350**	**1,350**	
24+53		24+63	LT	3	3	3	C&G REM/REPL
24+53		24+63	RT	3	3	3	C&G REM/REPL
PHEASANT RIDGE DRIVE (NE CORNER)				5	5	5	SIDEWALK REM/REPL
PHEASANT RIDGE DRIVE (SE CORNER)				18	18	18	SIDEWALK REM/REPL
FAIRWAY DRIVE (NW CORNER)				10	10	10	SIDEWALK REM/REPL
FAIRWAY DRIVE (SW CORNER)				25	25	25	SIDEWALK REM/REPL
31+01		31+11	RT	3	3	3	C&G REM/REPL
33+40		33+60	LT	7	7	7	C&G REM/REPL
PAR DRIVE (NW CORNER)				25	25	25	SIDEWALK REM/REPL
PAR DRIVE (SW CORNER)				25	25	25	SIDEWALK REM/REPL
39+53		39+63	LT	3	3	3	C&G REM/REPL
39+53		39+63	RT	3	3	3	C&G REM/REPL
GOLFVIEW ROAD (NW CORNER)				25	25	25	SIDEWALK REM/REPL
41+92		42+25	RT	11	11	11	NEW AGG SHOULDER
41+92		42+25	LT	11	11	11	NEW AGG SHOULDER
ADDITIONAL NOMINAL QUANTITY FOR USE AS DETERMINED BY THE ENGINEER				71	71	71	
TOTAL (E. PERIMETER ROAD)				**250**	**250**	**250**	
TOTAL (PROJECT)				**1,600**	**1,600**	**1,600**	
*ASSUMED 3' ADJACENT TO ALL NEW AGGREGATE SHOULDER, CURB AND GUTTER REMOVAL AND REPLACEMENT							
AND DRIVEWAY REMOVAL AND REPLACEMENT							

Schedule of Quantities

HOT-MIX ASPHALT SURFACE REMOVAL, 4"; PREPARATION OF BASE; AGGREGATE BASE REPAIR; AGGREGATE BASE COURSE REMOVAL AND REPLACEMENT 12"; HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; HOT-MIX ASPHALT BASE COURSE, 2 1/4"; BITUMINOUS MATERIALS (TACT COAT);												
STATION	-	STATION	LOCATION	AREA (SQ YD)	HMA SURFACE REMOVAL, 4" (SQ YD)	PREPARATION OF BASE (SQ YD)	AGGREGATE BASE REPAIR (TON)	AGGREGATE BASE COURSE R&R 12" (SQ YD)	HMA SURFACE COURSE, MIX "C", N50; 2" (TON)	HOT-MIX ASPHALT BASE COURSE, 2 1/4" (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) @ 0.25LB/SQ FT (POUND)	BITUMINOUS MATERIALS (TACT COAT) @ 0.025 LB/SQ FT (POUND)
20+92		42+25	MAINLINE PAVEMENT (INCLUDES SIDE STREET APPROACHES)	6,217	6,217	6,217	260	630	697	6,217	14,000	1,400
TOTAL (E. PERIMETER ROAD)				**6,217**	**6,217**	**6,217**	**260**	**630**	**697**	**6,217**	**14,000**	**1,400**
TOTAL (PROJECT)				**6,217**	**6,217**	**6,217**	**260**	**630**	**697**	**6,217**	**14,000**	**1,400**

HOT-MIX ASPHALT SURFACE REMOVAL, 2"; HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75. N50; BITUMINOUS MATERIALS (PRIME COAT); AGGREGATE (PRIME COAT); AND MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS												
STATION	-	STATION	LOCATION	AREA (SQ YD)	HMA SURFACE REMOVAL, 2" (SQ YD)	HMA SURFACE COURSE, MIX "C", N50; 2" (TON)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50 ; 3/4" TON	BITUMINOUS MATERIALS (TACT COAT) @ 0.05 LB/SQ FT+0.025 LB/SQ FT (POUND)	AGGREGATE (PRIME COAT) (TON)	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS (TON)		
1+00		20+92	MAINLINE PAVEMENT	4,613	4,613	517	191	3,100	10	4		
TOTAL (VETERANS PARKWAY)				**4,613**	**4,613**	**517**	**191**	**3,100**	**10**	**4**		
TOTAL (PROJECT)				**4,613**	**4,613**	**517**	**191**	**3,100**	**10**	**4**		

Schedule of Quantities

PORTLAND CEMENT DRIVEWAY PAVEMENT, 6 INCH					
STATION	LOCATION	AREA	DRIVEWAY PAVEMENT REMOVAL	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	AGGREGATE SUBGRADE IMPROVEMENT 4"
		(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
31+06	LT	10	10	10	10
33+44	RT	20	20	20	20
39+58	RT	12	12	12	12
ADDITIONAL NOMINAL QUANTITY FOR USE AS DETERMINED BY THE ENGINEER		20	20	20	20
TOTAL (E. PERIMETER ROAD)		**62**	**62**	**62**	**62**
TOTAL (PROJECT)		**62**	**62**	**62**	**62**

SIDEWALK REMOVAL, AGGREGATE SUBGRADE IMPROVEMENT 4", PCC SIDEWALK 5 INCH, AND DETECTABLE WARNINGS					
STATION	LOCATION	SIDEWALK REMOVAL	AGGREGATE SUBGRADE IMPROVEMENT 4"	PCC SIDEWALK 5 INCH	DETECTABLE WARNINGS
		(SQ FT)	(SQ YD)	(SQ FT)	(SQ FT)
24+58	LT (BEHIND INLET TO BE REPLACED)	40	5	40	
	PHEASANT RIDGE DRIVE (NE CORNER)	60	7	60	10
	PHEASANT RIDGE DRIVE (SE CORNER)	170	19	170	10
	FAIRWAY DRIVE (NW CORNER)	85	10	85	10
	FAIRWAY DRIVE (SW CORNER)	305	34	305	10
31+06	LT (BEHIND INLET TO BE REPLACED)	32	4	32	
	PAR DRIVE (NW CORNER)	305	34	305	10
	PAR DRIVE (SW CORNER)	265	30	265	10
	GOLFVIEW ROAD (NW CORNER)	305	34	305	
ADDITIONAL NOMINAL QUANTITY FOR USE AS DETERMINED BY THE ENGINEER		300	34	300	
TOTAL (E. PERIMETER ROAD)		**1,867**	**211**	**1,867**	**60**
TOTAL (PROJECT)		**1,867**	**211**	**1,867**	**60**

Schedule of Quantities

AGGREGATE SHOULDERS, TYPE B 6"						
STATION	-	STATION	LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
1+00		20+92	RT	1,992	3.0	664
1+00		20+92	LT	1,992	3.0	664
TOTAL (VETERANS PARKWAY)						**1,328**
41+92		42+25	RT	33	3.0	11
41+92		42+25	LT	33	3.0	11
TOTAL (E. PERIMETER ROAD)						**22**
TOTAL (PROJECT)						**1,350**

COMBINATION CURB AND GUTTER REMOVAL, AGGREGATE SUBGRADE IMPROVEMENT 4", AND COMBINATION CONCRETE CURB AND GUTTER						
				REMOVAL	REPLACEMENT	AGGREGATE SUBGRADE IMPROVEMENT 4"
STATION	-	STATION	LOCATION	LENGTH (FT)	LENGTH (FT)	AREA (SQ YD)
24+53	-	24+63	LT (INLET)	10.0	10.0	2.3
24+53	-	24+63	RT (INLET)	10.0	10.0	2.3
PHEASANT RIDGE DRIVE (NE CORNER)				22.0	22.0	4.9
PHEASANT RIDGE DRIVE (SE CORNER)				15.0	15.0	3.4
FAIRWAY DRIVE (NW CORNER)				20.0	20.0	4.5
FAIRWAY DRIVE (SW CORNER)				25.0	25.0	5.6
30+89	-	31+19	RT (INLET)	30.0	30.0	6.7
33+40	-	33+60	LT (INLET)	20.0	20.0	4.5
PAR DRIVE (NW CORNER)				25.0	25.0	5.6
PAR DRIVE (SW CORNER)				22.0	22.0	4.9
39+53	-	39+63	LT (INLET)	10.0	10.0	2.3
39+53	-	39+48	RT (INLET)	5.0	5.0	1.2
GOLFVIEW ROAD (NW CORNER)				26.0	26.0	5.8
ADDITIONAL NOMINAL QUANTITY FOR USE AS DETERMINED BY THE ENGINEER				310.0	310.0	69.4
TOTAL (E. PERIMETER ROAD)				**550.0**	**550.0**	**123.4**
TOTAL (PROJECT)				**550.0**	**550.0**	**123.4**

Schedule of Quantities

CATCH BASINS TO BE ADJUSTED		
LOCATION	FRAMES AND GRATES/LIDS	EACH
FAIRWAY DRIVE (SW CORNER)	FRAMES AND GRATES, TYPE 12	1
TOTAL (E. PERIMETER ROAD)		**1**
TOTAL (PROJECT)		**1**
NOTE: FRAMES AND GRATES/LIDS ARE PAID FOR SEPARATELY.		

INLETS TO BE ADJUSTED			
STATION	LOCATION	FRAMES AND GRATES/LIDS	EACH
24+58	RT	FRAMES AND GRATES, TYPE 12	1
FAIRWAY DRIVE (NW CORNER)		FRAMES AND GRATES, TYPE 12	1
31+06	RT	FRAMES AND GRATES, TYPE 12	1
39+58	RT	FRAMES AND GRATES, DRIVEWAY SPECIAL	1
TOTAL (E. PERIMETER ROAD)			**4**
TOTAL (PROJECT)			**4**
NOTE: FRAMES AND GRATES/LIDS ARE PAID FOR SEPARATELY.			

INLETS TO BE RECONSTRUCTED			
STATION	LOCATION	FRAMES AND GRATES/LIDS	EACH
31+06	LT	FRAMES AND GRATES, DRIVEWAY SPECIAL	1
33+44	LT	FRAMES AND GRATES, TYPE 12	1
33+44	RT	FRAMES AND GRATES, DRIVEWAY SPECIAL	1
39+58	LT	FRAMES AND GRATES, TYPE 12	1
TOTAL (E. PERIMETER ROAD)			**4**
TOTAL (PROJECT)			**4**

NOTE: FRAMES AND GRATES/LIDS ARE PAID FOR SEPARATELY.

Schedule of Quantities

INLET FILTERS		
STATION	LOCATION	EACH
24+58	LT	1
24+58	RT	1
FAIRWAY DRIVE (SW CORNER)		1
FAIRWAY DRIVE (NW CORNER)		1
31+06	LT	1
31+06	RT	1
33+44	LT	1
33+44	RT	1
39+58	LT	1
39+58	RT	1
TOTAL (E. PERIMETER ROAD)		**10**
TOTAL (PROJECT)		**10**

REMOVING INLETS		
STATION	LOCATION	EACH
24+58	LT	1
TOTAL (E. PERIMETER ROAD)		**1**
TOTAL (PROJECT)		**1**

INLETS, TYPE A (SPECIAL)			
STATION	LOCATION	FRAMES AND GRATES/LIDS	EACH
24+58	LT	FRAMES AND GRATES, TYPE 12	1
TOTAL (E. PERIMETER ROAD)			**1**
TOTAL (PROJECT)			**1**

NOTE: FRAMES AND GRATES/LIDS ARE PAID FOR SEPARATELY.

Schedule of Quantities

FRAMES AND GRATES, DRIVEWAY SPECIAL			
STATION	LOCATION	STRUCTURE TYPE	EACH
31+06	LT	INLET	1
33+44	RT	INLET	1
39+58	RT	INLET	1
TOTAL (E. PERIMETER ROAD)			**3**
TOTAL (PROJECT)			**3**

FRAMES AND GRATES, TYPE 12			
STATION	LOCATION	STRUCTURE TYPE	EACH
24+58	LT	INLET	1
24+58	RT	INLET	1
FAIRWAY DRIVE (NW CORNER)		INLET	1
FAIRWAY DRIVE (SW CORNER)		CATCH BASIN	1
31+06	RT	INLET	1
33+44	LT	INLET	1
39+58	LT	INLET	1
TOTAL (E. PERIMETER ROAD)			**7**
TOTAL (PROJECT)			**7**

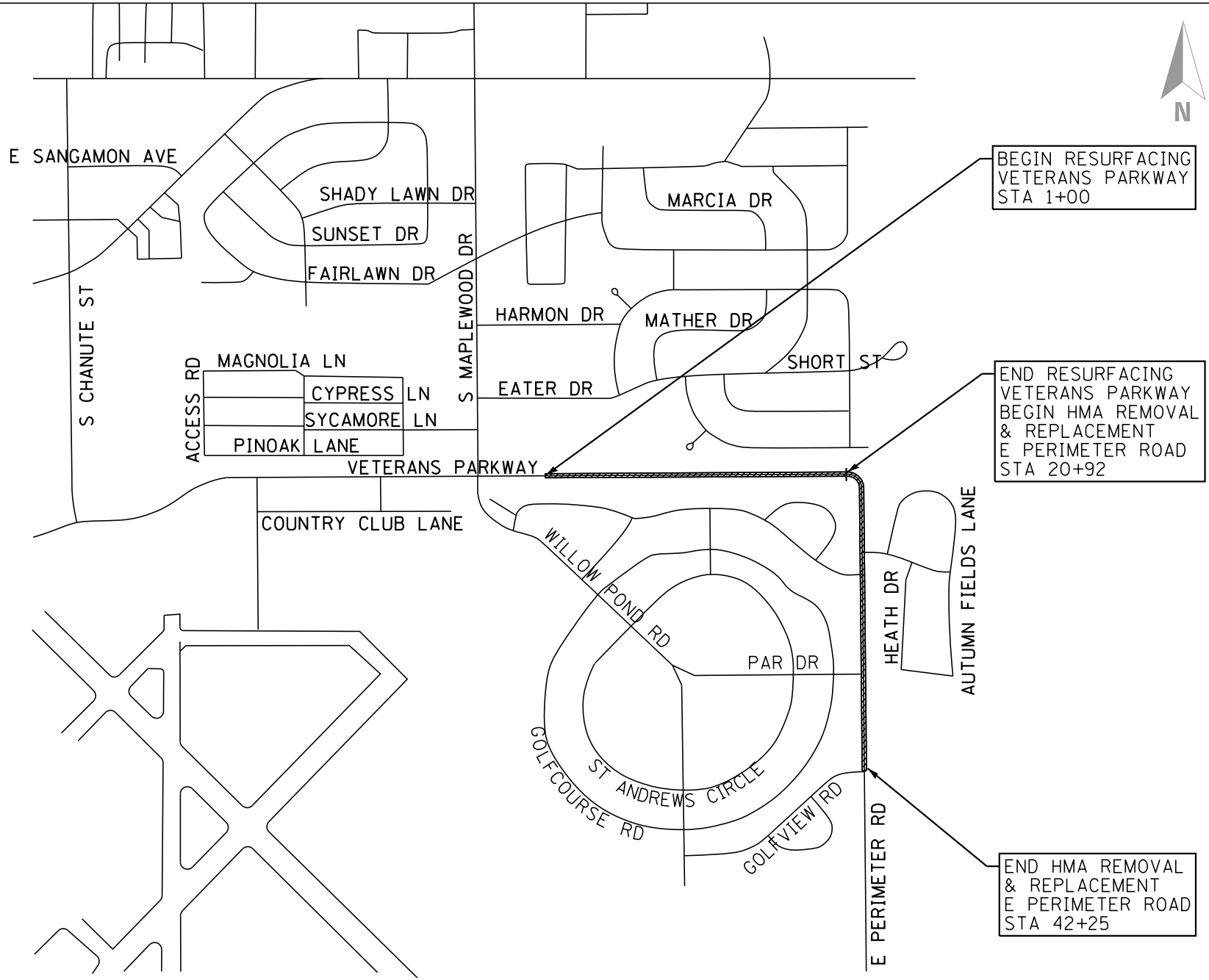
STORM SEWERS TO BE CLEANED		
STATION	OFFSET	LENGTH (FT)
24+58	LT TO RT	25
TOTAL (E. PERIMETER ROAD)		**25**
TOTAL (PROJECT)		**25**

Schedule of Quantities

THERMOPLASTIC PAVEMENT MARKING - LINE 4"					
STATION	-	STATION	LOCATION	LENGTH (FT)	NOTES
1+00	-	16+65	CENTERLINE	391	SKIP DASH
16+65	-	20+00	CENTERLINE	419	SKIP DASH + NO PASS
20+00	-	20+92	CENTERLINE	184	DOUBLE SOLID
TOTAL (VETERANS PARKWAY)				**994**	
20+92	-	22+65	CENTERLINE	346	DOUBLE SOLID
22+65	-	26+65	CENTERLINE	500	SKIP DASH + NO PASS
26+65	-	42+25	CENTERLINE	390	SKIP DASH
TOTAL (E. PERIMETER ROAD)				**1,236**	
TOTAL (PROJECT)				**2,230**	
NOTE: CENTERLINE TO MATCH EXISTING PAVEMENT MARKINGS					

THERMOPLASTIC PAVEMENT MARKING - LINE 6"		
LOCATION	LENGTH (FT)	NOTES
FAIRWAY DRIVE	52	PEDESTRIAN CROSSING
TOTAL (E. PERIMETER ROAD)	**52**	
TOTAL (PROJECT)	**52**	

THERMOPLASTIC PAVEMENT MARKING - LINE 24"		
LOCATION	LENGTH (FT)	NOTES
FAIRWAY DRIVE	12	STOP BAR
GOLFVIEW ROAD	12	STOP BAR
TOTAL (E. PERIMETER ROAD)	**24**	
TOTAL (PROJECT)	**24**	



BAXTER & WOODMAN Consulting Engineers

VILLAGE OF RANTOUL, ILLINOIS

PROJECT LOCATION MAP

EXHIBIT NO. 1

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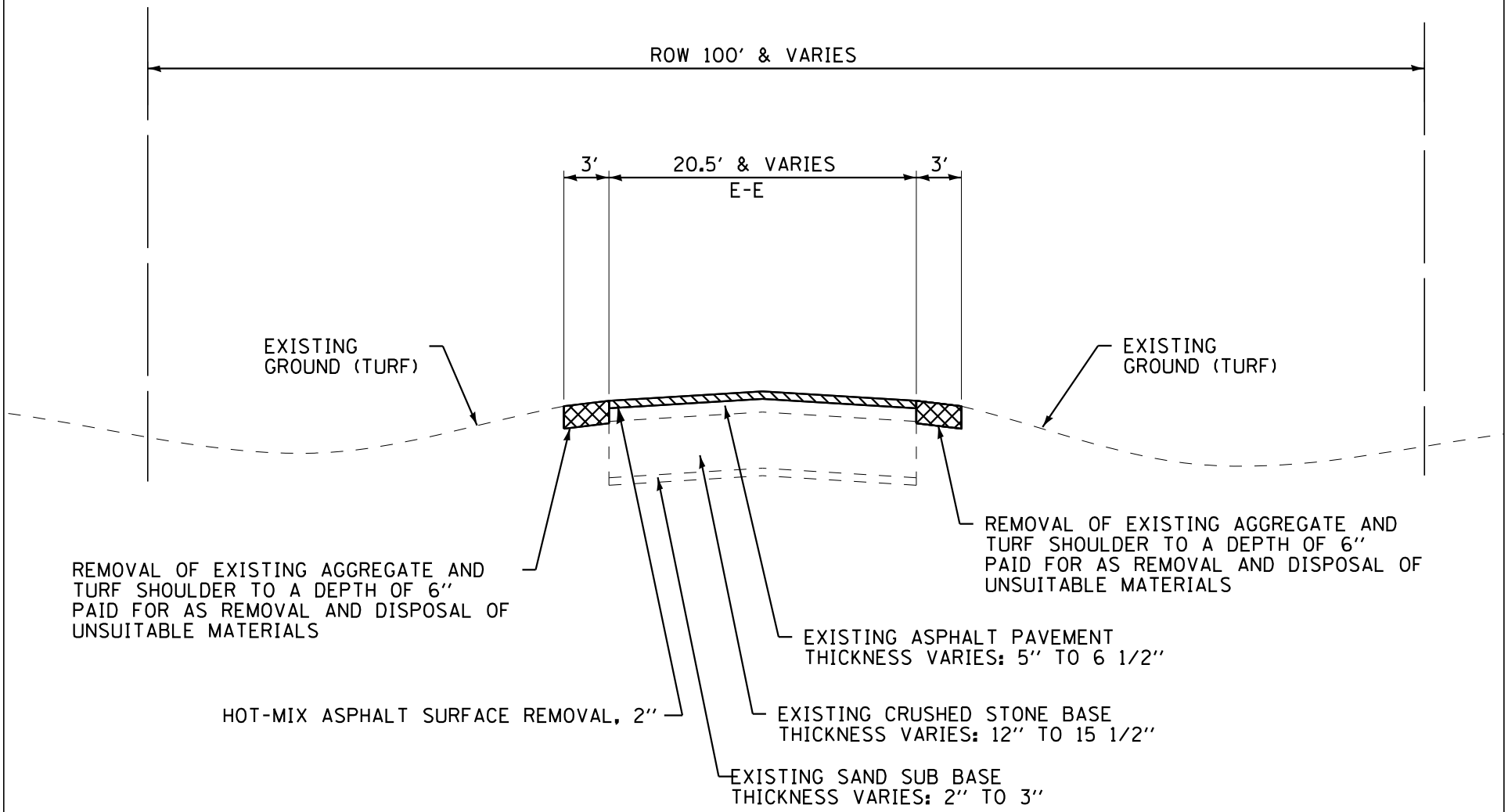

EXISTING TYPICAL SECTION
VETERANS PARKWAY
FROM STA 1+00 TO STA 20+92

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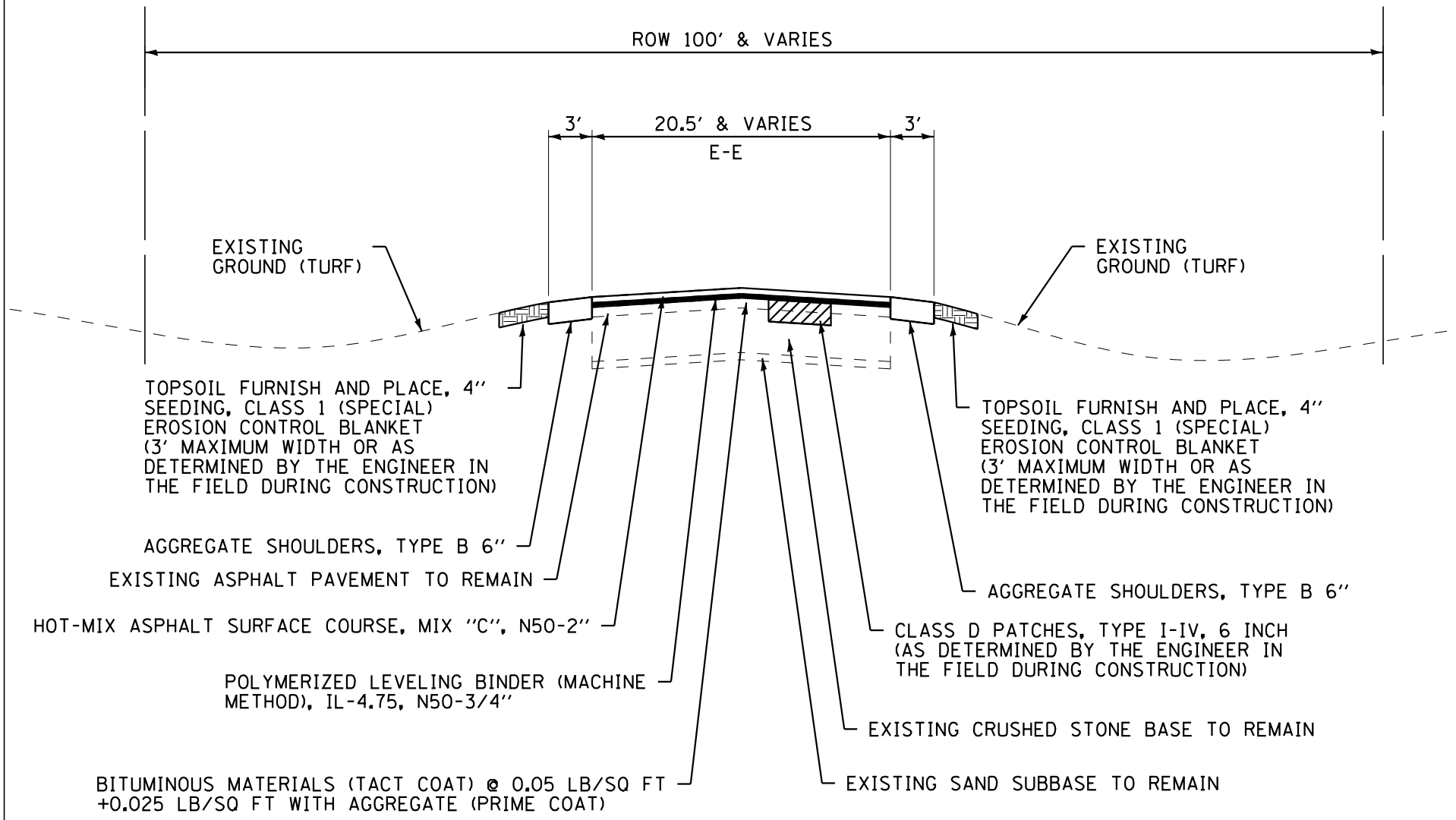
BAXTER & WOODMAN Consulting Engineers

VILLAGE OF RANTOUL, ILLINOIS
VETERANS PARKWAY

EXHIBIT NO. 2



PROPOSED TYPICAL SECTION
VETERANS PARKWAY
FROM STA 1+00 TO STA 20+92

BAXTER & WOODMAN Consulting Engineers

VILLAGE OF RANTOUL, ILLINOIS
VETERANS PARKWAY

EXHIBIT NO. 3

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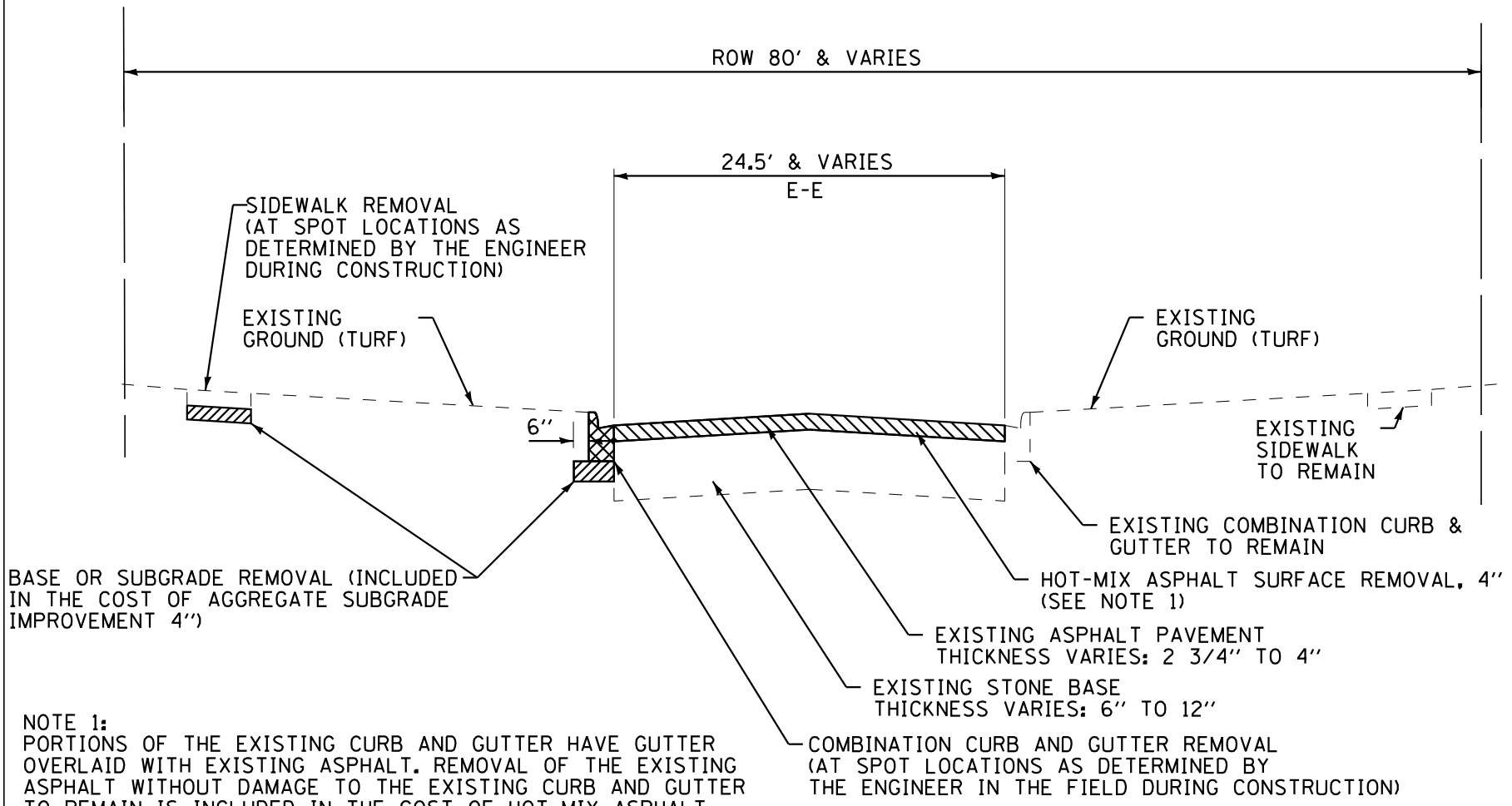
NOTE:
SIDEWALK ON THE EAST SIDE OF PERIMETER ROAD IS FROM VETERANS PARKWAY TO PAR DRIVE.
SIDEWALK ON THE WEST SIDE OF PERIMETER ROAD IS FROM FAIRWAY DRIVE TO GOLFVIEW ROAD.



NOTE 1:
PORTIONS OF THE EXISTING CURB AND GUTTER HAVE GUTTER OVERLAID WITH EXISTING ASPHALT. REMOVAL OF THE EXISTING ASPHALT WITHOUT DAMAGE TO THE EXISTING CURB AND GUTTER TO REMAIN IS INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL, 4".

EXISTING TYPICAL SECTION

E. PERIMETER ROAD
FROM STA 20+92 TO STA 42+25

BAXTER & WOODMAN Consulting Engineers

VILLAGE OF RANTOUL, ILLINOIS
E. PERIMETER ROAD

EXHIBIT NO. 4

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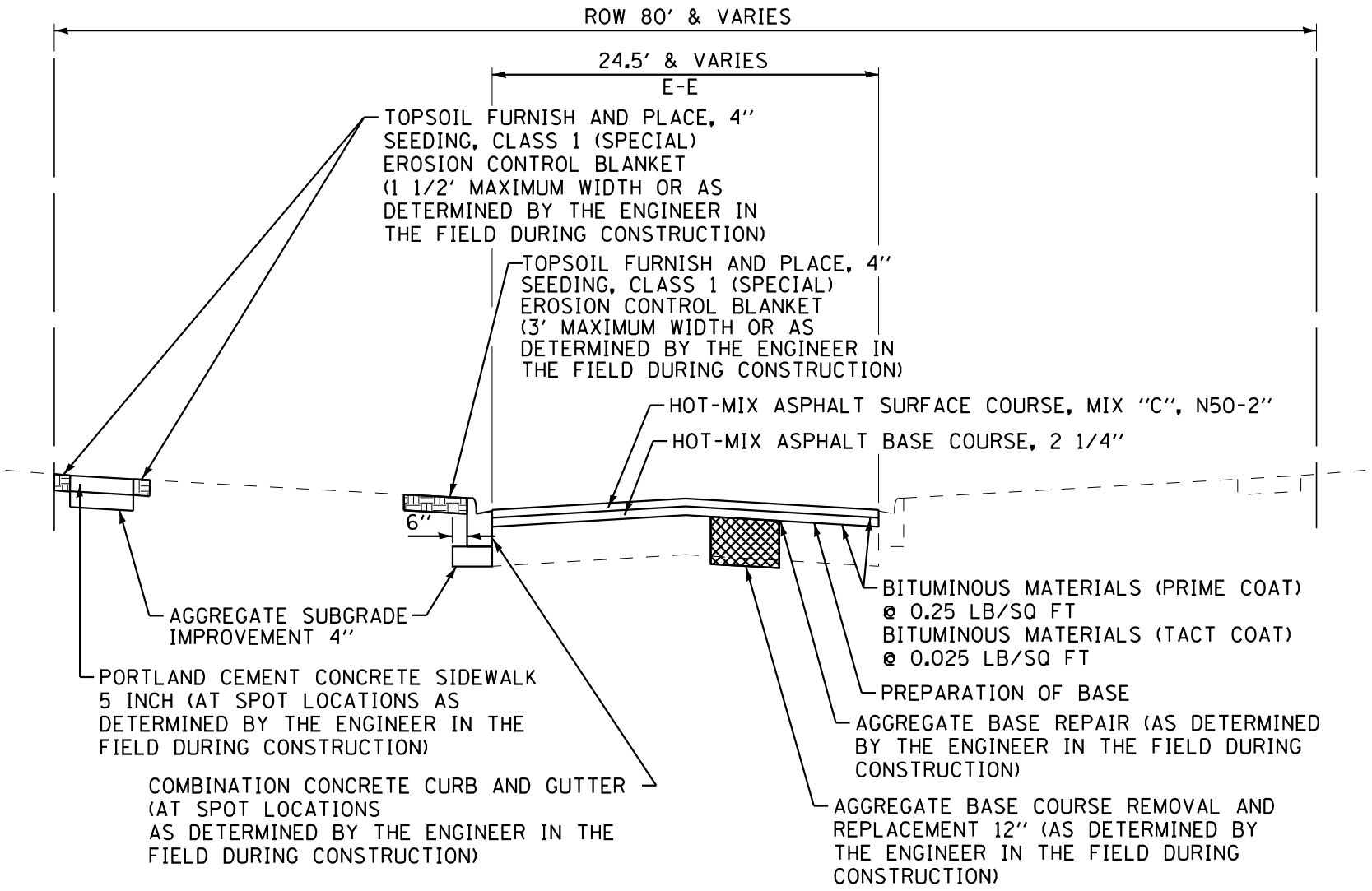

PROPOSED TYPICAL SECTION

E. PERIMETER ROAD

FROM STA 20+92 TO STA 42+25

BAXTER & WOODMAN Consulting Engineers

VILLAGE OF RANTOUL, ILLINOIS

E. PERIMETER ROAD

EXHIBIT NO. 5

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HOT-MIX ASPHALT MIXTURE REQUIREMENTS					
MIXTURE TYPE	**PG GRADE**	**DESIGN AIR VOIDS**	**MIXTURE COMPOSITION**	**FRICTION AGGREGATE**	**DENSITY TEST METHOD**
RESURFACING (STA. 1+00 TO STA. 20+92)					
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5MM); 2"	PG 64-22	4% @ N50	IL 9.5	MIXTURE C	CORES/CORRELATION
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL -4.75, N50; 3/4"	PG 64-22	3.5% @ N50			CORES/CORRELATION
CLASS D PATCHES, 6 INCH					
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6"	PG 64-22 (SEE NOTE 2)	4% @ N50	IL 19.0		CORES/CORRELATION
HOT-MIX ASPHALT REMOVAL AND REPLACEMENT (STA. 20+92 TO 42+25)					
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5MM); 2"	PG 64-22	4% @ N50	IL 9.5	MIXTURE C	CORES/CORRELATION
HOT-MIX ASPHALT BASE COURSE (IL-19.0), N50; 2 1/4"	PG 64-22 (SEE NOTE 2)	4% @ N50	IL 19.0		CORES/CORRELATION

NOTE 1: THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

NOTE 2: WHEN RAP EXCEEDS 20%, THE VIRGIN ASPHALT BINDER SHALL BE REDUCED BY ONE GRADE (i.e. 25% RAP WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG64-22 TO BE REDUCED TO A PG58-22).

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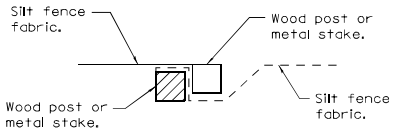
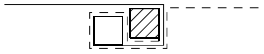
VILLAGE OF RANTOUL, ILLINOIS
HOT–MIX ASPHALT MIXTURE REQUIREMENTS

EXHIBIT NO. 6



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

STEP 1

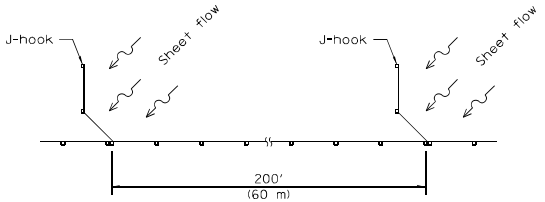


Rotate posts (stakes) together 180° clockwise and drive both posts (stakes) 18 (450) into ground.

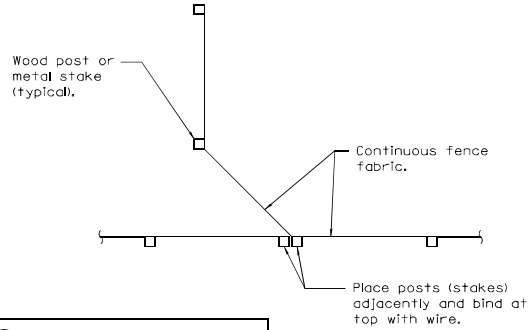
STEP 2

ATTACHING TWO SILT FILTER FENCES

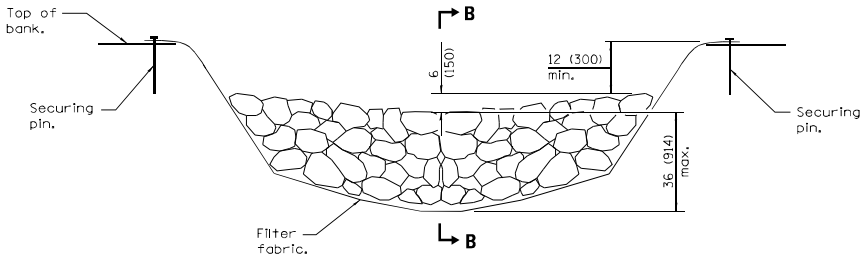
(Not applicable for J-hooks)



SILT FILTER J–HOOK PLACEMENT

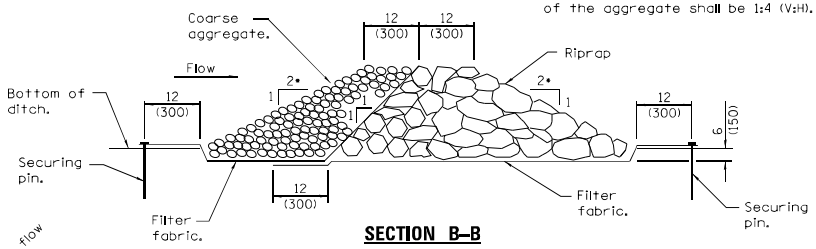


J–HOOK



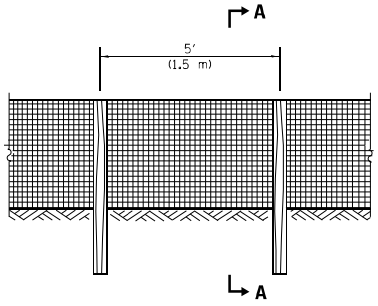
ELEVATION

- 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).



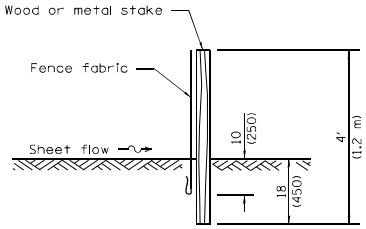
SECTION B–B

AGGREGATE DITCH CHECK

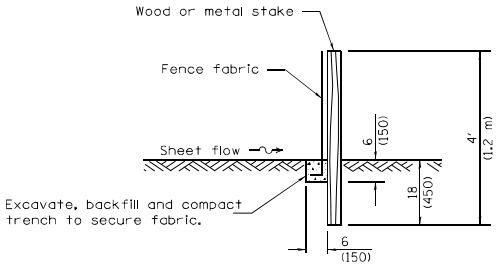


ELEVATION

SILT FILTER FENCE AS A PERIMETER EROSION BARRIER



SLICE METHOD



TRENCH METHOD

SECTION A–A

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.

Illinois Department of Transportation

PASSED January 1, 2013
Michael Briand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2013
ENGINEER OF DESIGN AND ENVIRONMENT

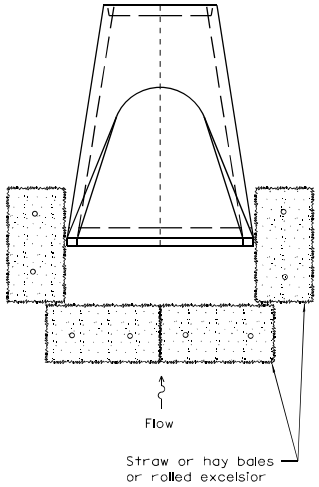
ISSUED 1-1-97

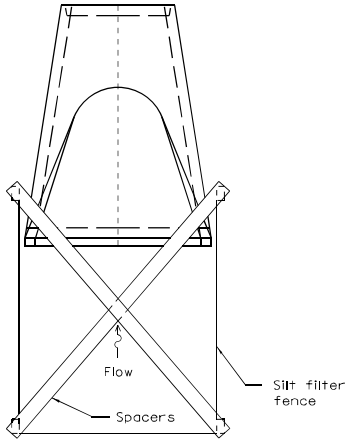
DATE	REVISIONS
1-1-13	Corrected notation for
	flowline (℄) on SEDIMENT
	BASIN ELEVATION.
1-1-12	Omitted hay/straw perimeter
	barrier. Added SLICE METHOD
	to SECTION A-A.

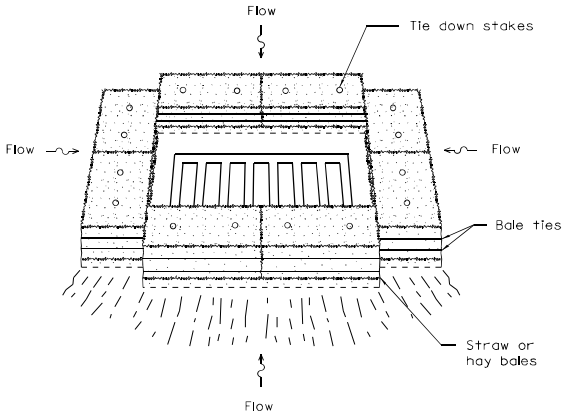
TEMPORARY EROSION CONTROL SYSTEMS

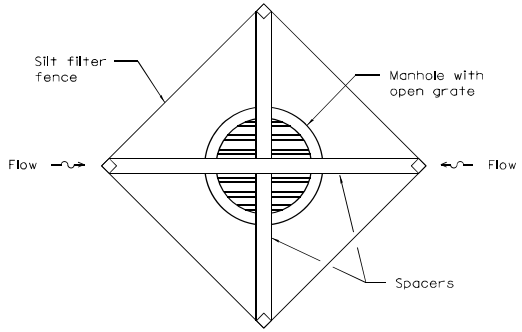
(Sheet 1 of 2)

STANDARD 280001–07

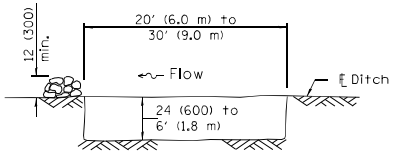






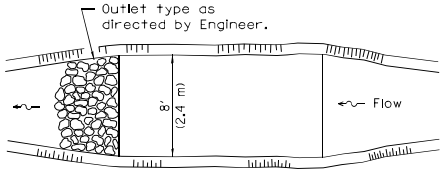


INLET AND PIPE PROTECTION



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

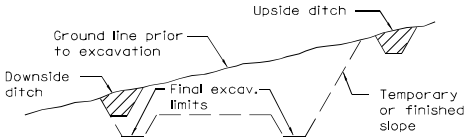
ELEVATION



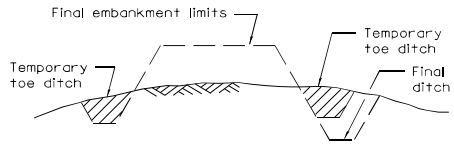
The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

PLAN

SEDIMENT BASIN



TYPICAL CUT CROSS–SECTION



TYPICAL FILL CROSS–SECTION

TEMPORARY DITCHES FOR CUT & FILL SECTIONS

Illinois Department of Transportation

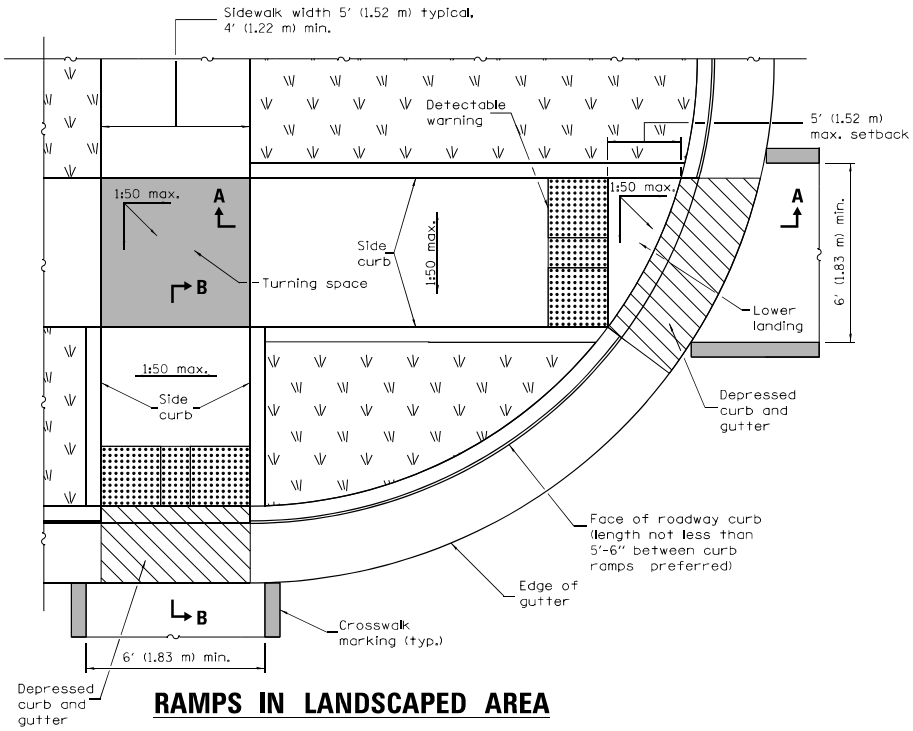
PASSED January 1, 2013
Michael Briand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2013
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

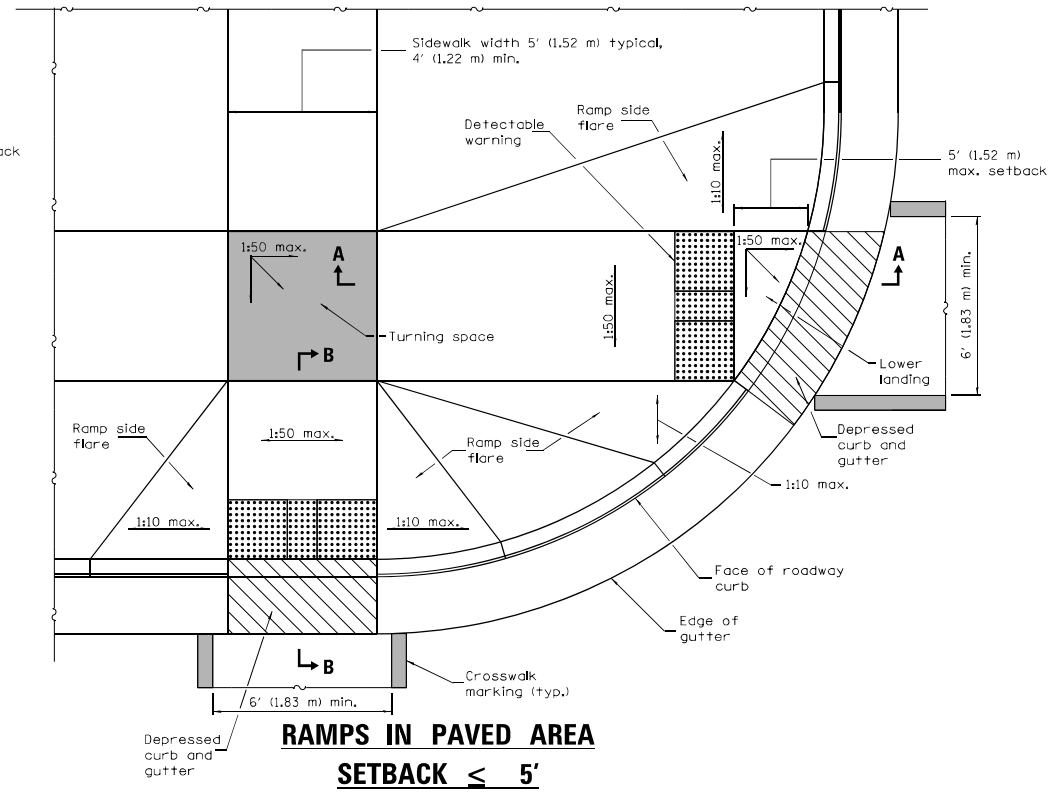
TEMPORARY EROSION CONTROL SYSTEMS

(Sheet 2 of 2)

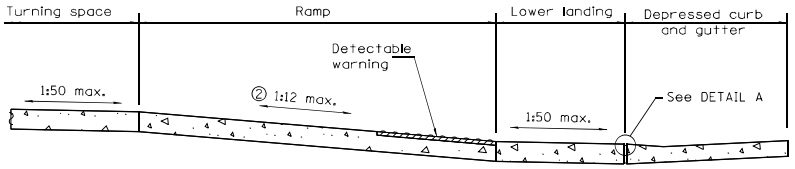
STANDARD 280001–07



RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'

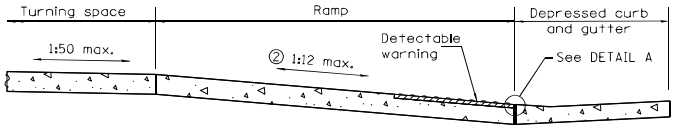


RAMPS IN PAVED AREA
SETBACK ≤ 5'



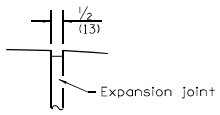
SECTION A–A

② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).

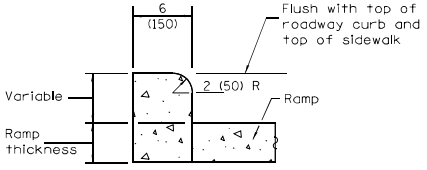


SECTION B–B

② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).



DETAIL A



SIDE CURB DETAIL

Illinois Department of Transportation

PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

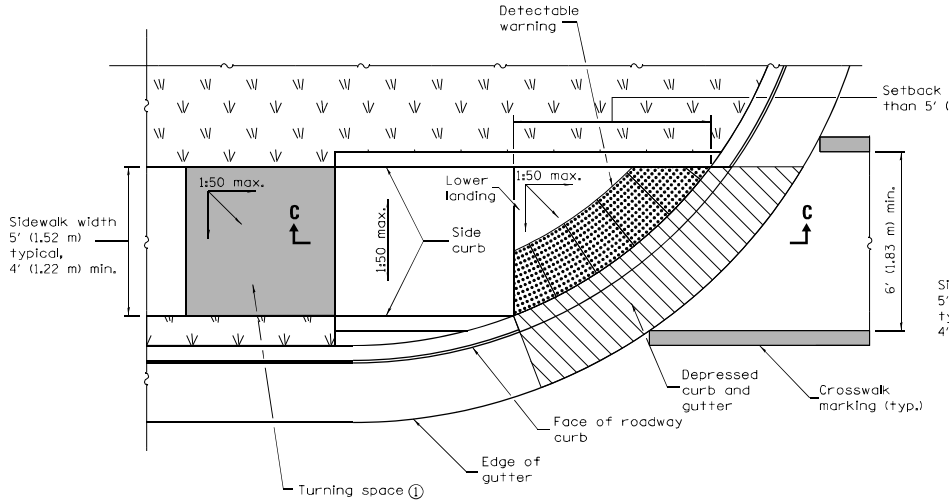
See Sheet 2 for GENERAL NOTES.

DATE	REVISIONS
1-1-15	① not appl. to int. sidewalks.
	Rev. gen. notes. Ch'd Upper
	landing to Turning space.
1-1-13	Widened crosswalk markings
	to 6' (1.83 m) min. inside
	dimension. Rev. Gen. Notes.

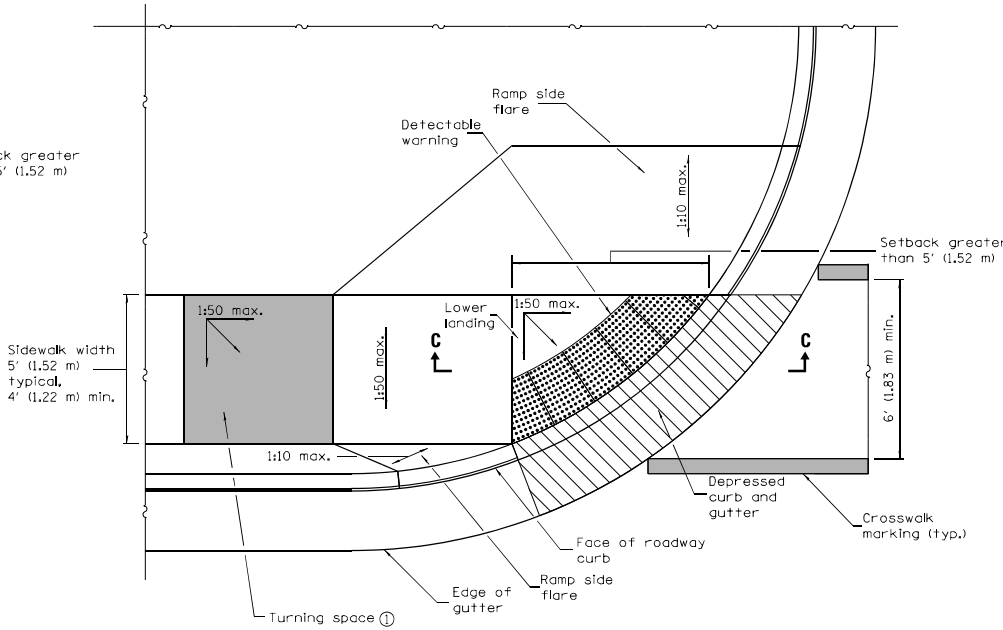
PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 1 of 2)

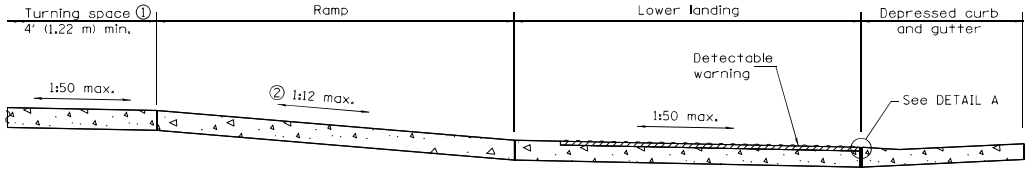
STANDARD 424001–08



RAMP IN LANDSCAPED AREA
SETBACK > 5'



RAMP IN PAVED AREA
SETBACK > 5'



SECTION C–C

① Turning space not required for ramp slopes flatter than 1:20.

② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).

GENERAL NOTES

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

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

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

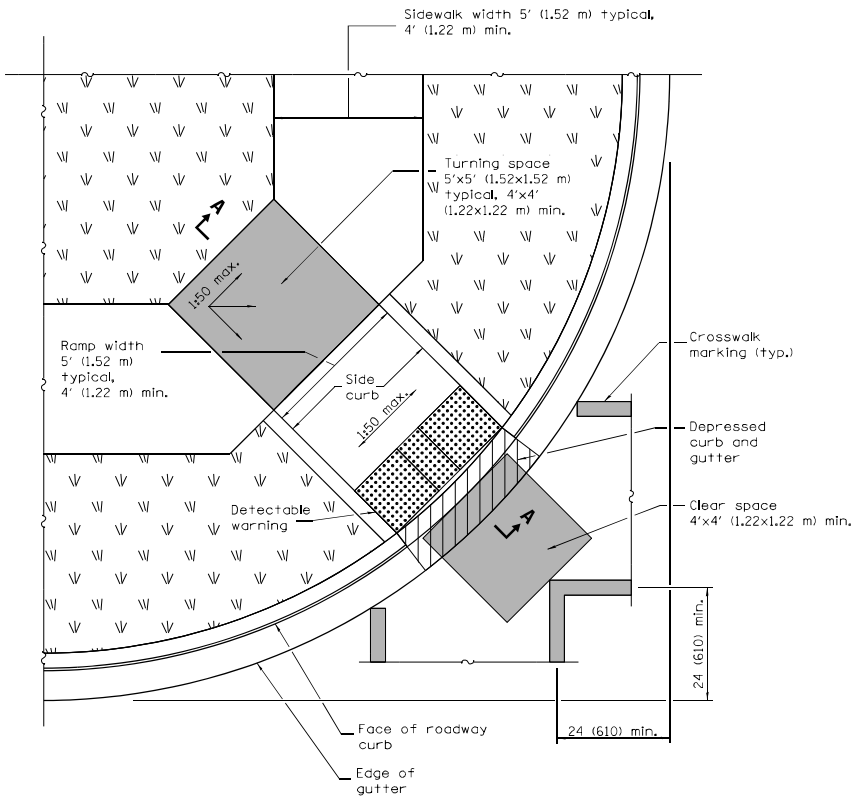
PASSED January 1, 2015
Michael Briand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

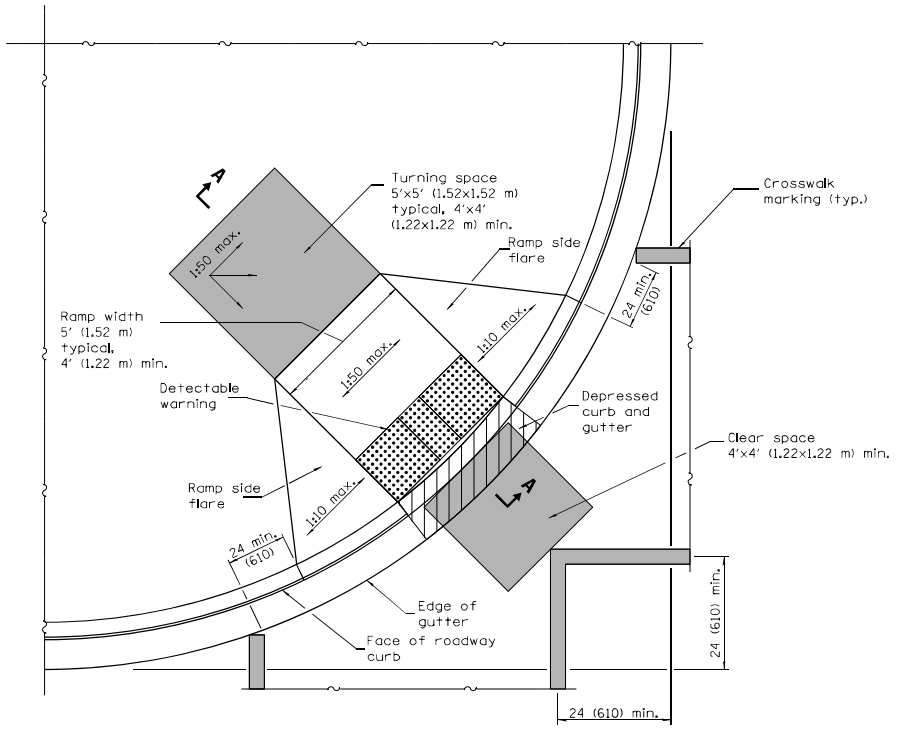
PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 2 of 2)

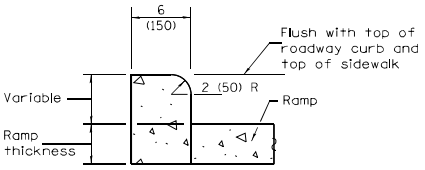
STANDARD 424001–08



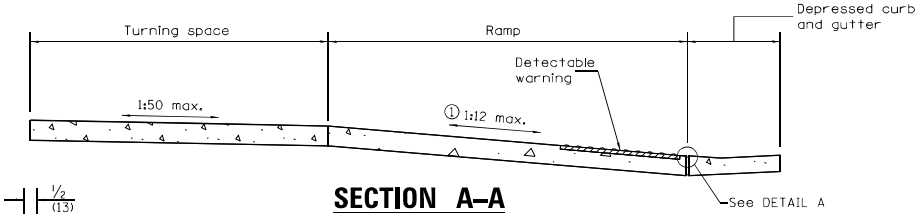
RAMP IN LANDSCAPED AREA



RAMP IN PAVED AREA

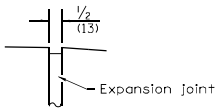


SIDE CURB DETAIL



SECTION A–A

① The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).



DETAIL A

GENERAL NOTES

This Standard shall only be used for curb radii of 20 ft. (6.1 m) or greater.

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

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

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

PASSED January 1, 2015
Michael Briand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
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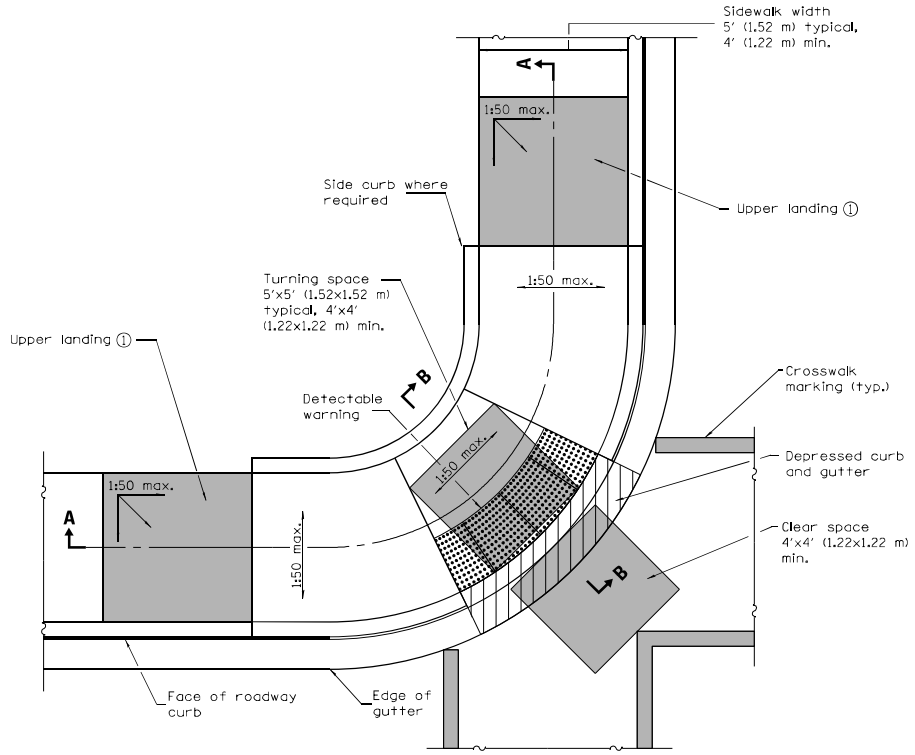
ISSUED 1-1-12

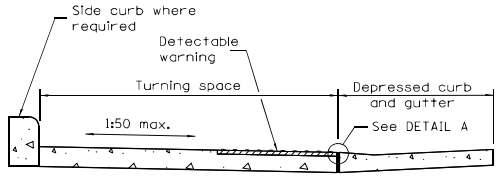
DATE	REVISIONS
1-1-15	Changed 'Upper landing' to
	'Turning space'. Added note
	reg. const. turning space.
1-1-13	Revised General Notes.

DIAGONAL CURB RAMPS FOR SIDEWALKS

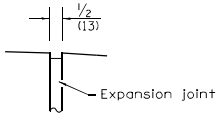
STANDARD 424006–02



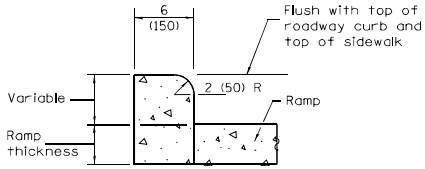
CORNER PARALLEL CURB RAMP



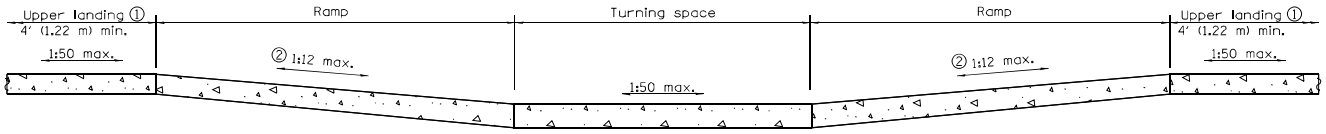
SECTION B–B



DETAIL A



SIDE CURB DETAIL



SECTION A–A

① Upper landing(s) not required for ramp slopes flatter than 1:20.

② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).

GENERAL NOTES

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

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

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

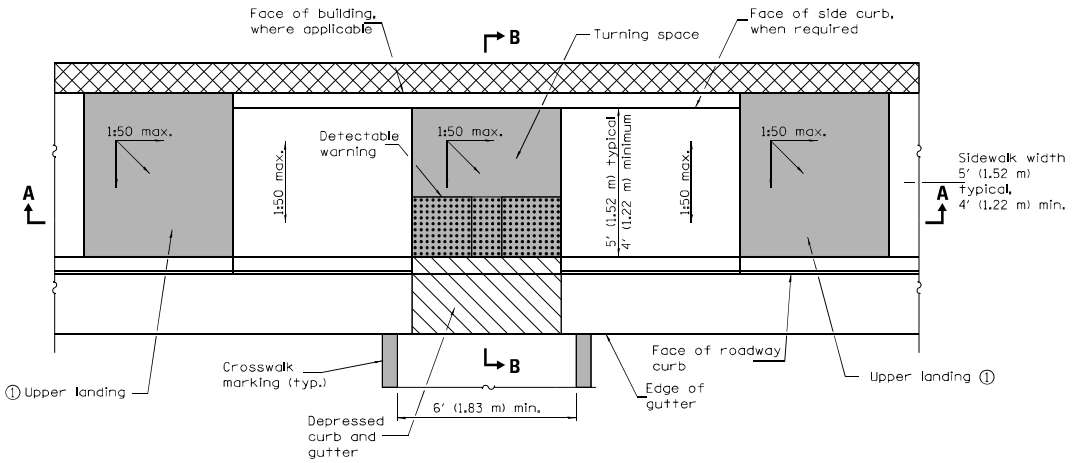
PASSED January 1, 2015
Michael Briand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-15

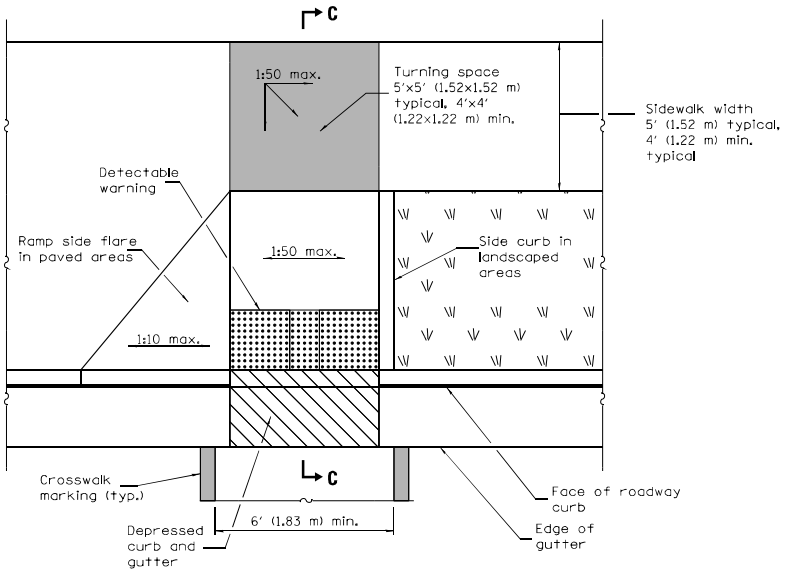
DATE	REVISIONS
1-1-15	Changed 'Lower landing' to
	'Turning space'. Added x-walk
	markings. Added note ②.
1-1-13	Revised General Notes.

CORNER PARALLEL CURB RAMPS FOR SIDEWALKS

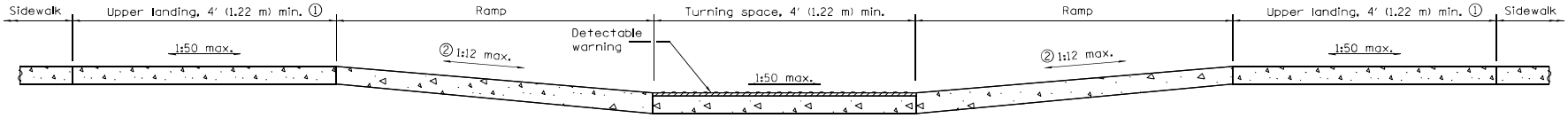
STANDARD 424011–02



PARALLEL MID–BLOCK CURB RAMP



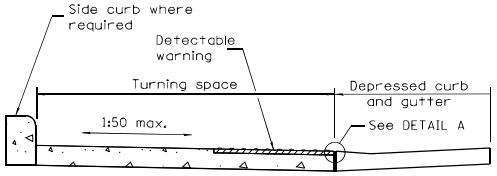
PERPENDICULAR MID–BLOCK CURB RAMP



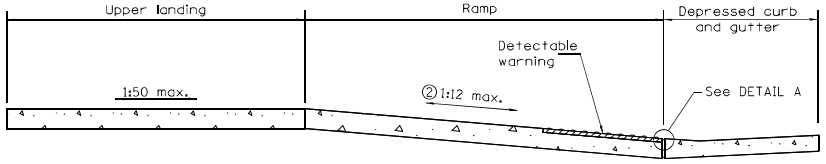
SECTION A–A

① Upper landing(s) not required for ramp slopes flatter than 1:20.

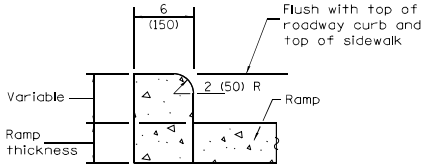
② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).



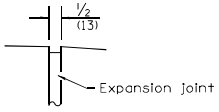
SECTION B–B



SECTION C–C



SIDE CURB DETAIL



DETAIL A

GENERAL NOTES

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

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

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

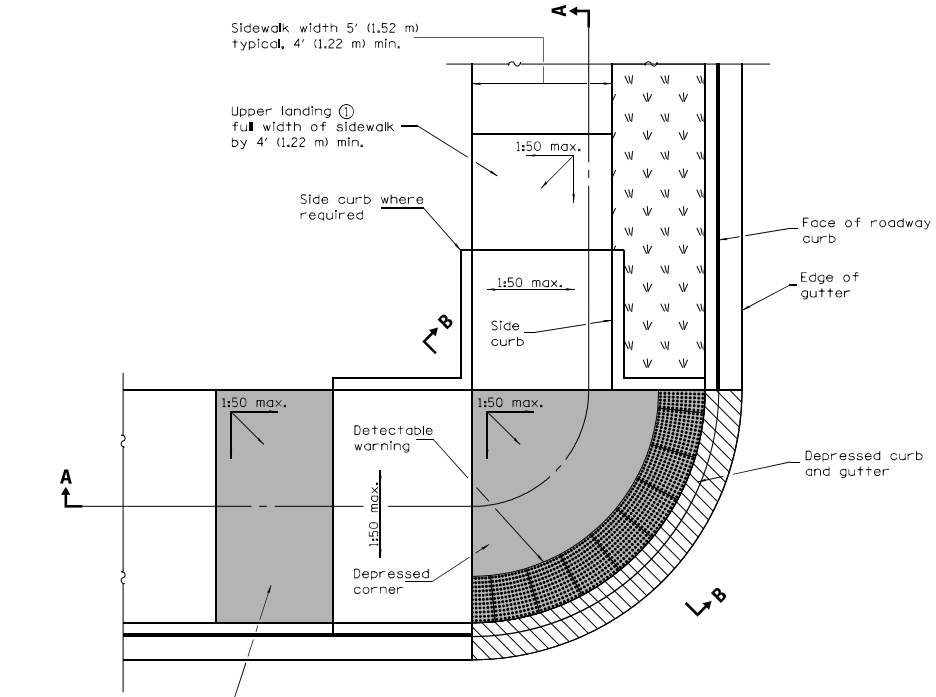
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

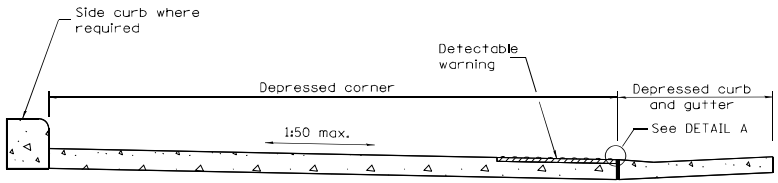
DATE	REVISIONS
1-1-15	Changed 'Lower landing' to
	'Turning space'. Added
	note ②. Rev. Gen. Notes.
1-1-13	Widened crosswalk markings
	to 6' (1.83 m) min. inside
	dimension. Rev. Gen. Notes.

MID–BLOCK CURB RAMPS FOR SIDEWALKS

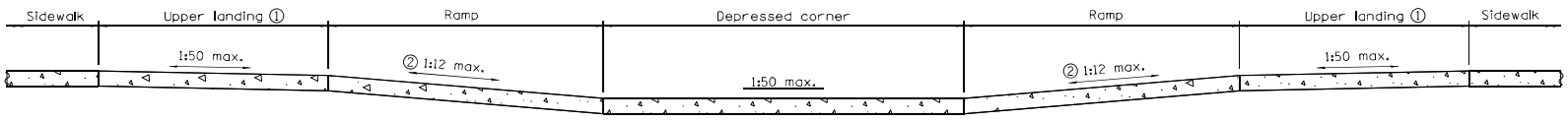
STANDARD 424016–02



DEPRESSED CORNER



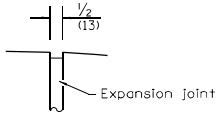
SECTION B–B



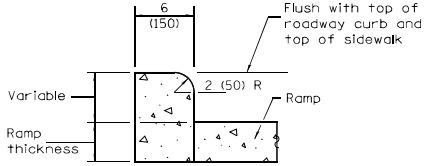
SECTION A–A

① Upper landing(s) not required for ramp slopes flatter than 1:20.

② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).



DETAIL A



SIDE CURB DETAIL

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 1:50 maximum slope is shown, 1:64 is preferred.

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

PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

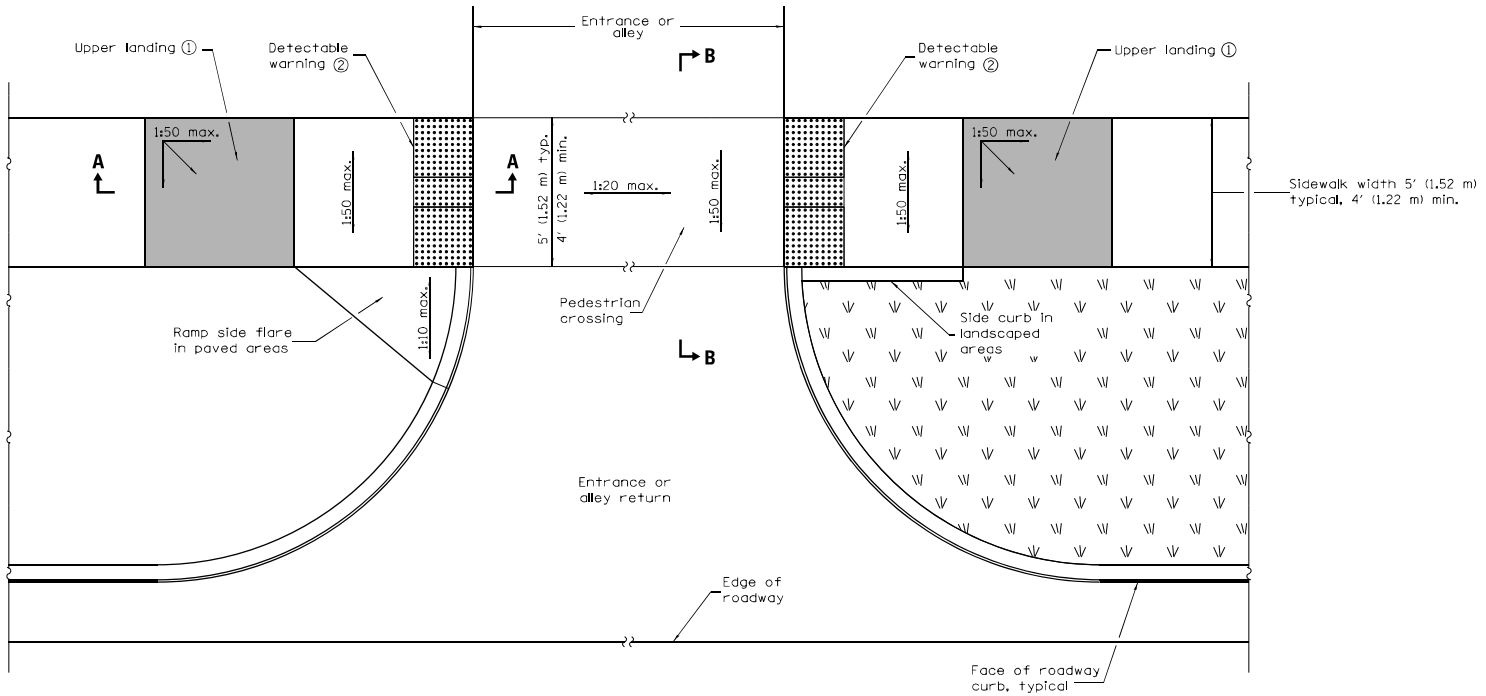
DATE	REVISIONS
1-1-15	Added note ②.
1-1-14	Revised sidewalk width.
	Revised gen. notes to limit
	curb rad. to 6' (1.83 m) min.

DEPRESSED CORNER FOR SIDEWALKS

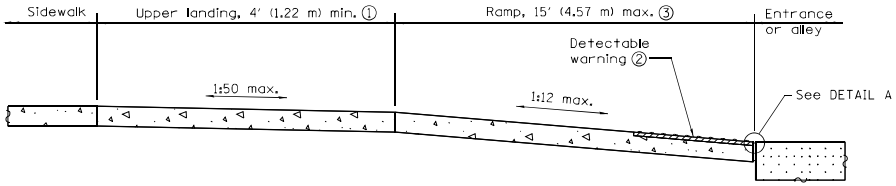
STANDARD 424021–03

② Detectable warning shall only be installed at entrances/alleys with permanent traffic control devices (i.e. stop signs, signals).

③ Where possible, maintain the grade of the sidewalk across the entrance/alley to avoid the need for ramps and upper landings.

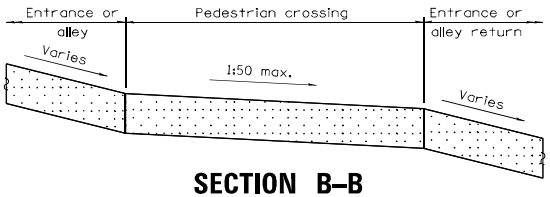


ENTRANCE /ALLEY PEDESTRIAN CROSSING

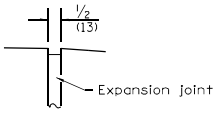


SECTION A–A

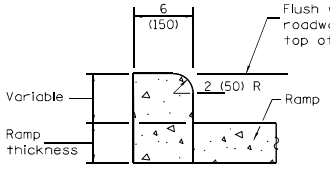
① Upper landing not required for ramp slopes flatter than 1:20.



SECTION B–B



DETAIL A



SIDE CURB DETAIL

GENERAL NOTES

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

Where 1:50 maximum slope is shown, 1:64 is preferred.

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

Illinois Department of Transportation

PASSED January 1, 2013
Michael Briand
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2013
ENGINEER OF DESIGN AND ENVIRONMENT

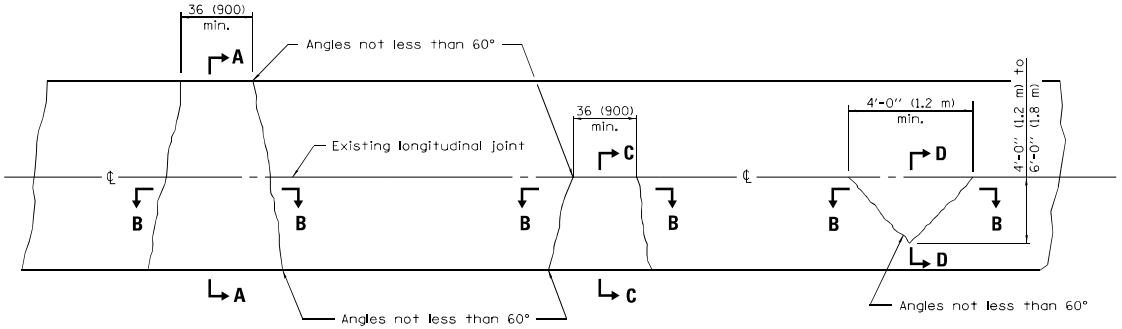
ISSUED 1-1-12

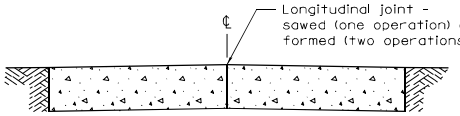
DATE	REVISIONS
1-1-13	Revised General Notes.
1-1-12	New standard.

ENTRANCE / ALLEY PEDESTRIAN CROSSINGS

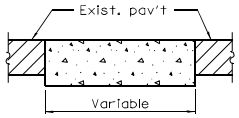
STANDARD 424026–01

CLASS C

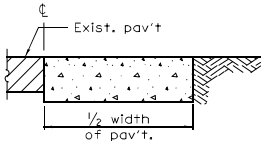




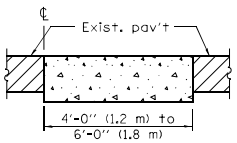
SECTION A–A



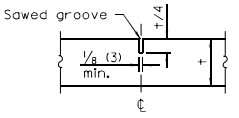
SECTION B–B



SECTION C–C



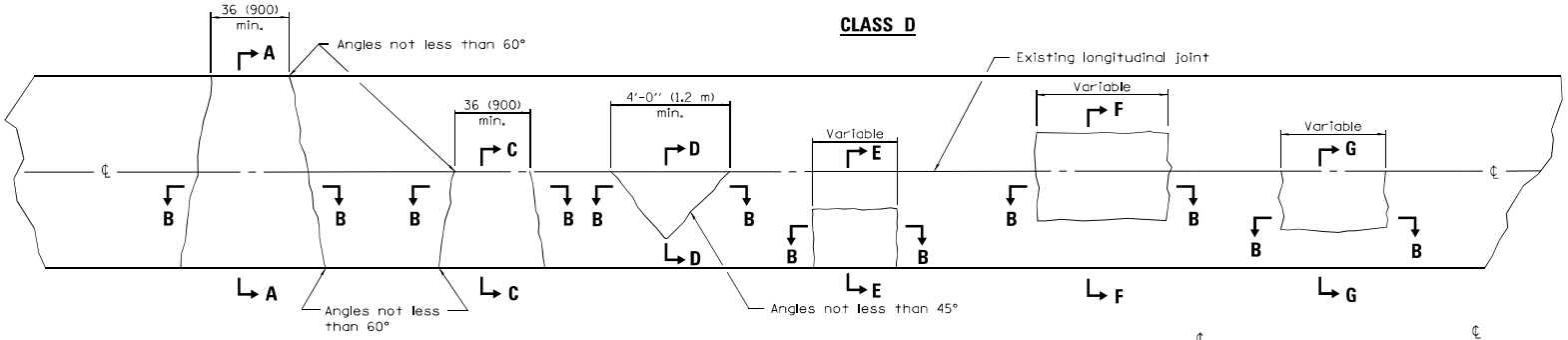
SECTION D–D

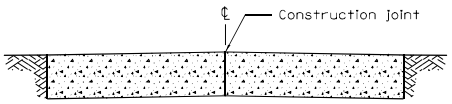


DETAIL OF SAWED CONTRACTION JOINT

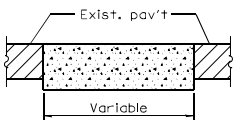
Note:
Longitudinal joints shall be as detailed on Standard 420001, except tie bars are not required for patches 20'-0" (6.0 m) or less in length.

CLASS D

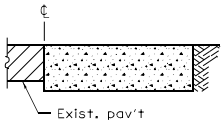




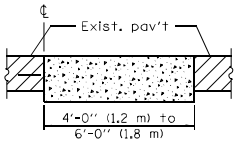
SECTION A–A
(Built in two operations)



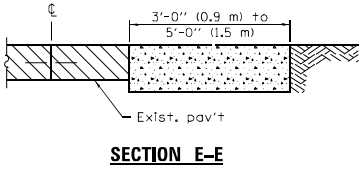
SECTION B–B



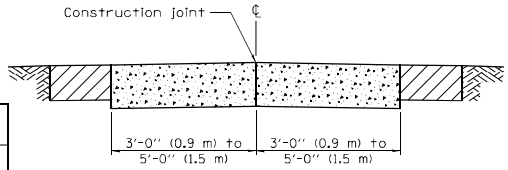
SECTION C–C



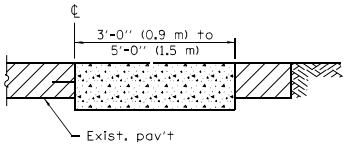
SECTION D–D



SECTION E–E



SECTION F–F
(Built in two operations)



SECTION G–G

GENERAL NOTES

Existing tie bars shall be either cut or removed. Marginal bars shall be cut.

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

Illinois Department of Transportation

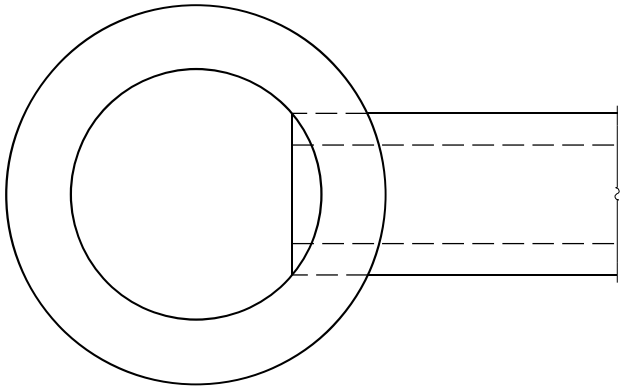
PASSED January 1, 2008
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2008
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-08	Switched units to
	English (metric).
1-1-07	Revised Note for
	Class C patches.

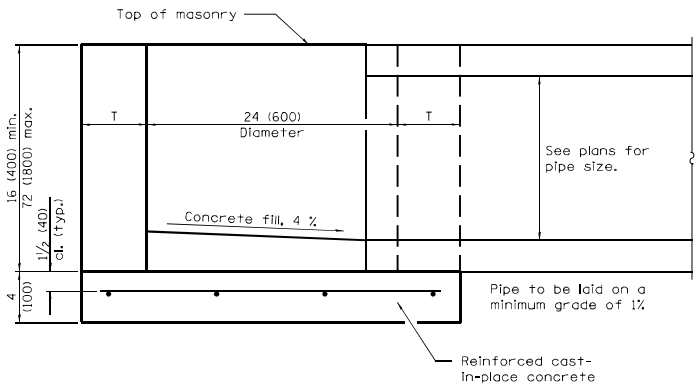
CLASS C and D PATCHES

STANDARD 442201–03

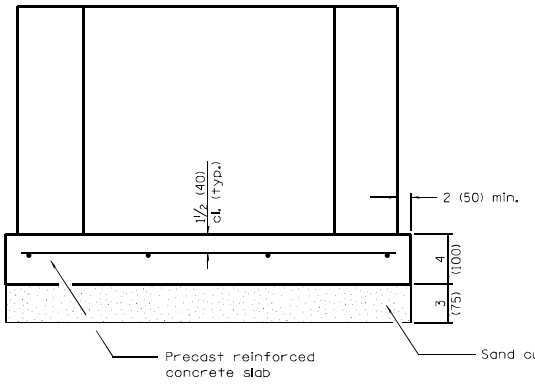


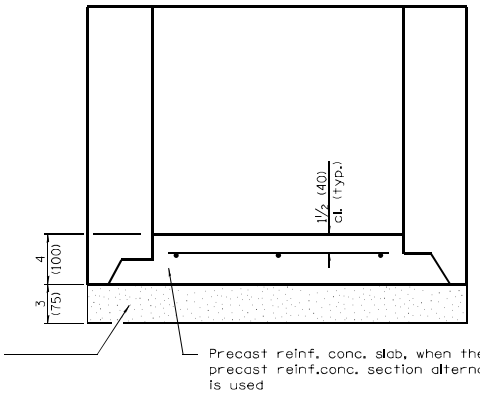
PLAN

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)



ELEVATION





ALTERNATE METHODS

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

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

Illinois Department of Transportation

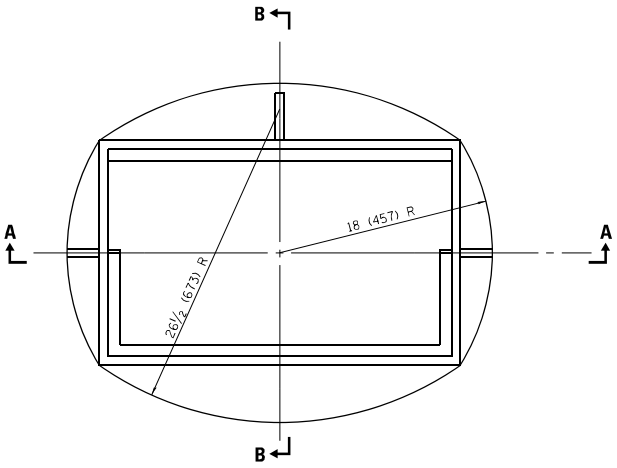
PASSED January 1, 2014
Michael Briand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

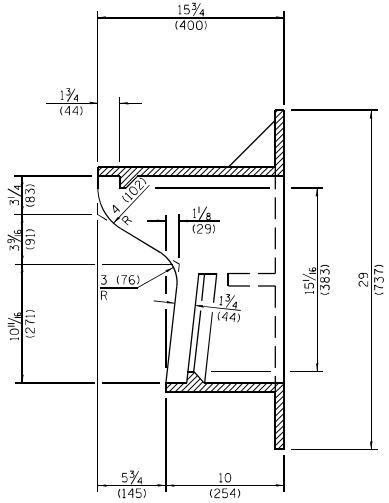
ISSUED 1-1-97

DATE	REVISIONS
1-1-14	Increased height to
	72 (1800) maximum.
1-1-11	Detailed rein. in slabs.
	Added max. limit to height.
	Added general notes.

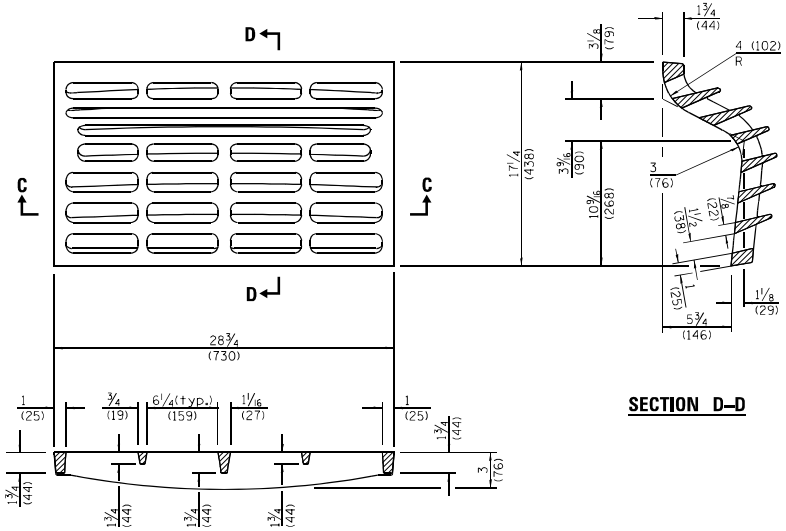
INLET – TYPE A

STANDARD 602301–04

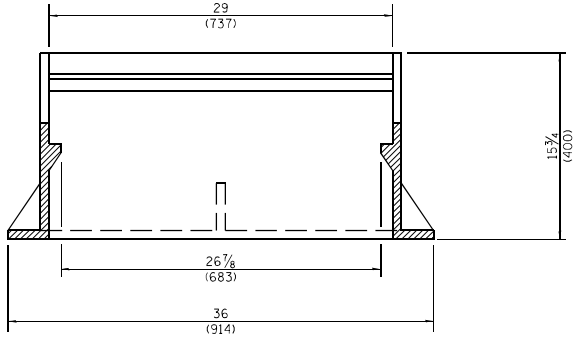




SECTION B–B



SECTION D–D



SECTION A–A

SECTION C–C

CAST GRATE

CAST FRAME

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

Illinois Department of Transportation

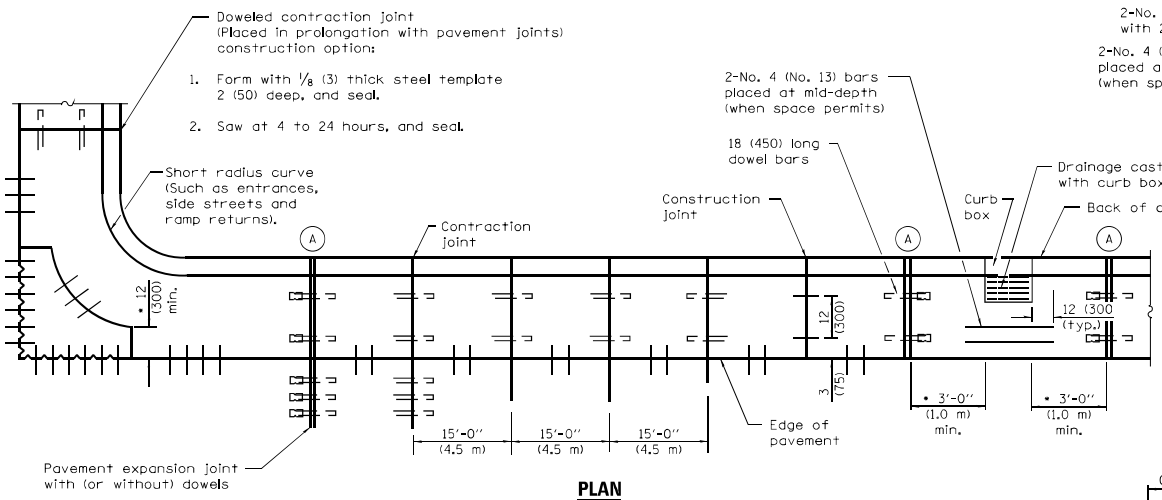
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

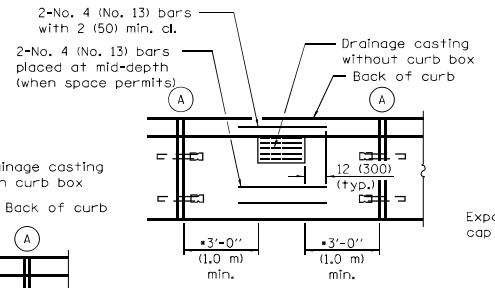
DATE	REVISIONS
1-1-15	Revised dimensions of
	frame and grate.
1-1-09	Switched units to
	English (metric).

FRAME AND GRATE TYPE 12

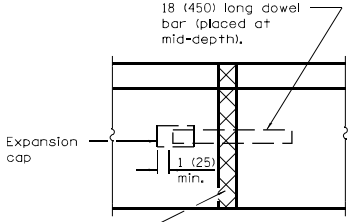
STANDARD 604061–03



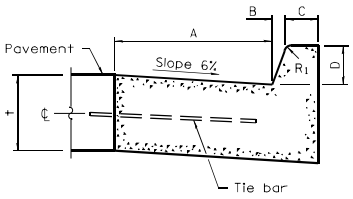
PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE



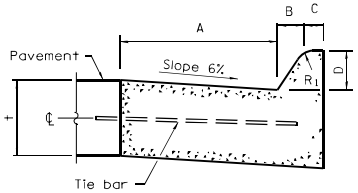
• This dimension shall be adjusted to align with joint on the adjacent pavement



DETAIL Ⓐ
EXPANSION JOINT



BARRIER CURB



MOUNTABLE CURB

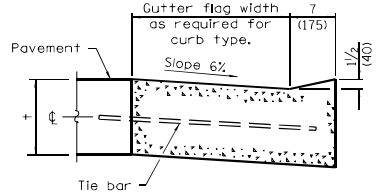
TABLE OF DIMENSIONS
BARRIER CURB

TYPE	A	B	C	D	R_1
B-6.06 * (B-15.15)	6 (150)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)
B-9.12 (B-22.30)	12 (300)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.18 (B-22.45)	18 (450)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.24 (B-22.60)	24 (600)	2 (50)	5 (125)	9 (225)	1 (25)

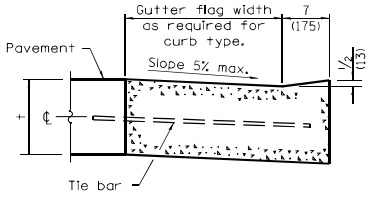
* For corner islands only.

TABLE OF DIMENSIONS
MOUNTABLE CURB

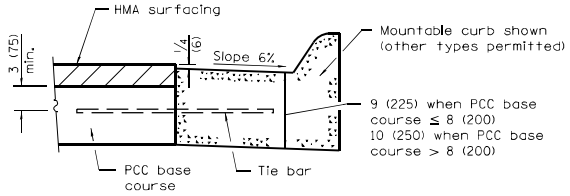
TYPE	A	B	C	D	R_1	R_2
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-4.06 (M-10.15)	6 (150)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.12 (M-10.30)	12 (300)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.18 (M-10.45)	18 (450)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.24 (M-10.60)	24 (600)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-6.06 (M-15.15)	6 (150)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.12 (M-15.30)	12 (300)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.18 (M-15.45)	18 (450)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.24 (M-15.60)	24 (600)	6 (150)	2 (50)	6 (150)	2 (50)	NA



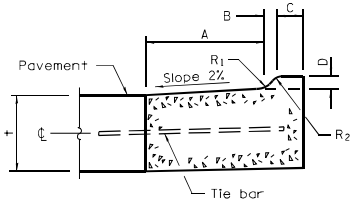
DEPRESSED CURB (TYPICAL)



DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M–2.06 (M–5.15) and M–2.12 (M–5.30)

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 24 (600) 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.

Illinois Department of Transportation

PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

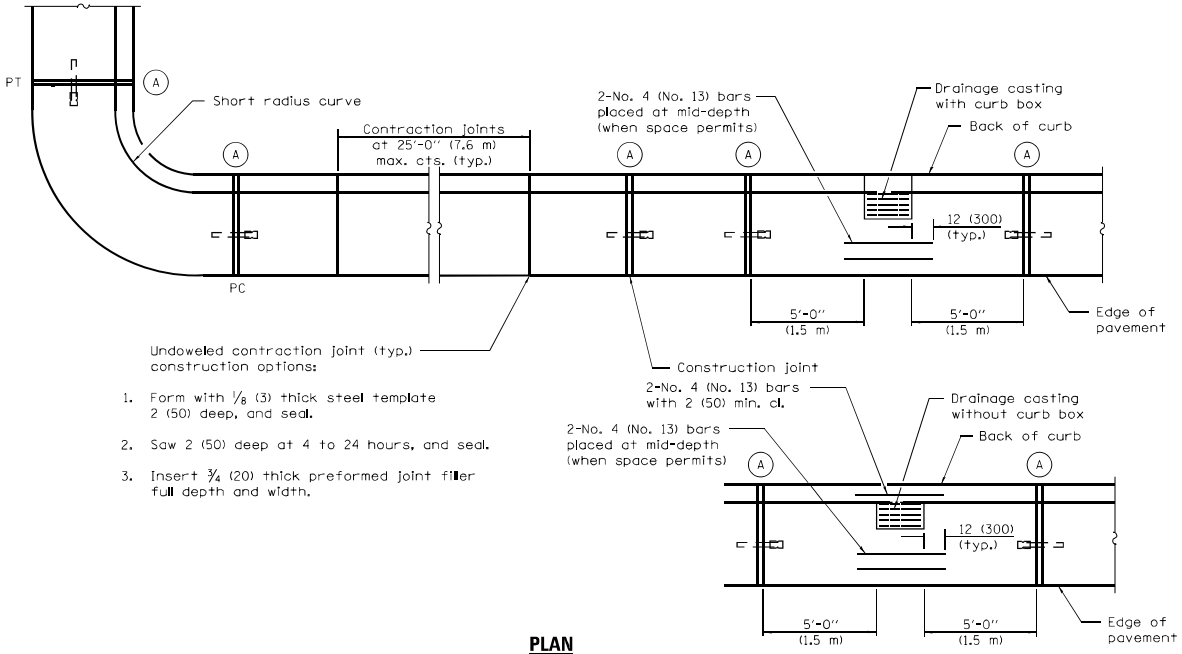
ISSUED 1-1-97

DATE	REVISIONS
1-1-15	Added B-6.06 (B-15.15) barrier
	curb and gutter to table
	(corner islands only).
1-1-13	Added general note
	regarding requirement
	for dowel bars.

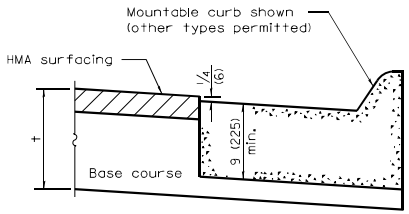
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 1 of 2)

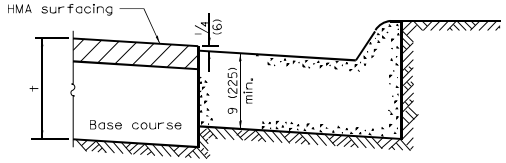
STANDARD 606001–06



PLAN

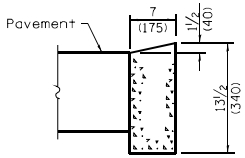


ON DISTURBED SUBGRADE

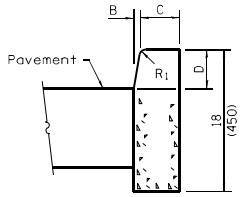


ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT

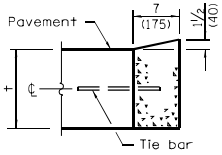


DEPRESSED CURB

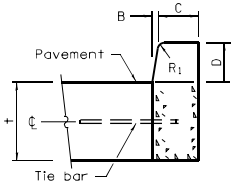


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

Illinois Department of Transportation

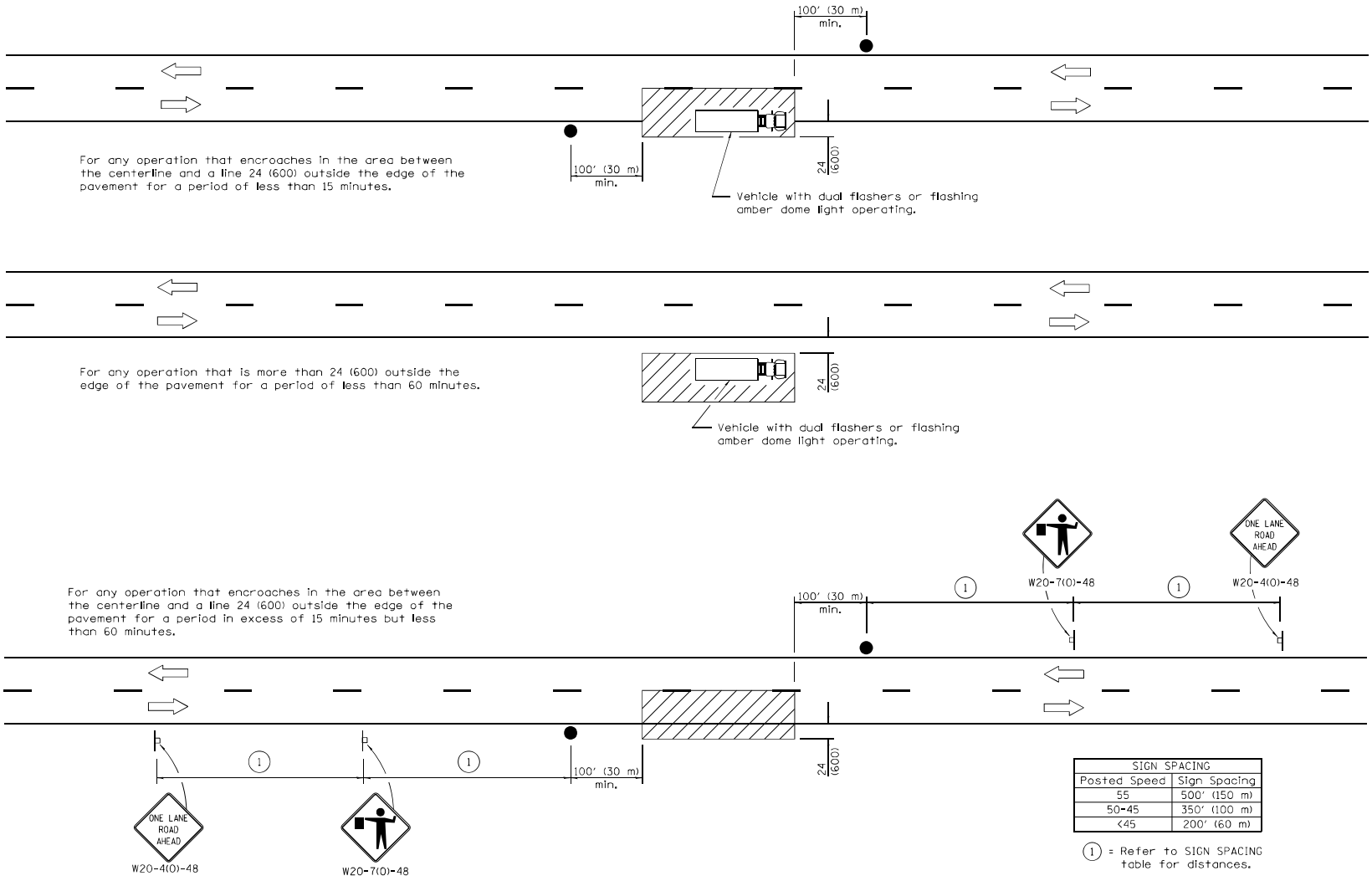
PASSED January 1, 2015
Michael Briand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 2 of 2)

STANDARD 606001–06



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

(1) = Refer to SIGN SPACING table for distances.

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

TYPICAL APPLICATIONS

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

SYMBOLS

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

Illinois Department of Transportation

APPROVED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

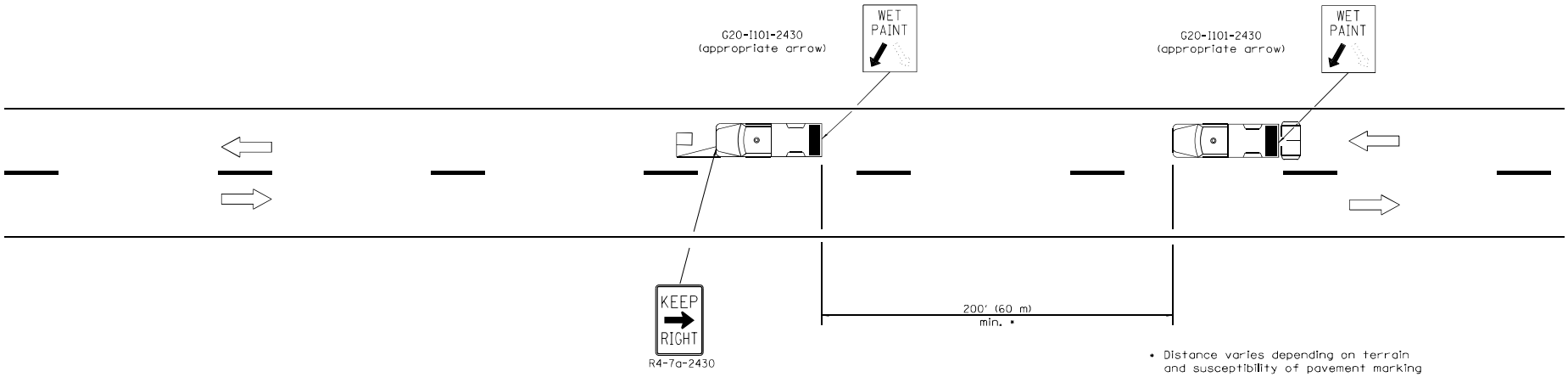
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

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

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

STANDARD 701301-04



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

TYPICAL APPLICATIONS

Landscaping work
Utility work
Pavement marking
Weed spraying
Roadometer measurements
Debris cleanup
Crack pouring

SYMBOLS

Arrow board (Hazard Mode only)

Truck with headlights, emergency flashers and flashing amber light. (visible from all directions)

18x18 (450x450) min. orange flag (use when guide wheel is used)

Truck mounted attenuator

GENERAL NOTES

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

For shoulder operations not encroaching on the pavement, use DETAIL A, Standard 701426.

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

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF OPERATIONS

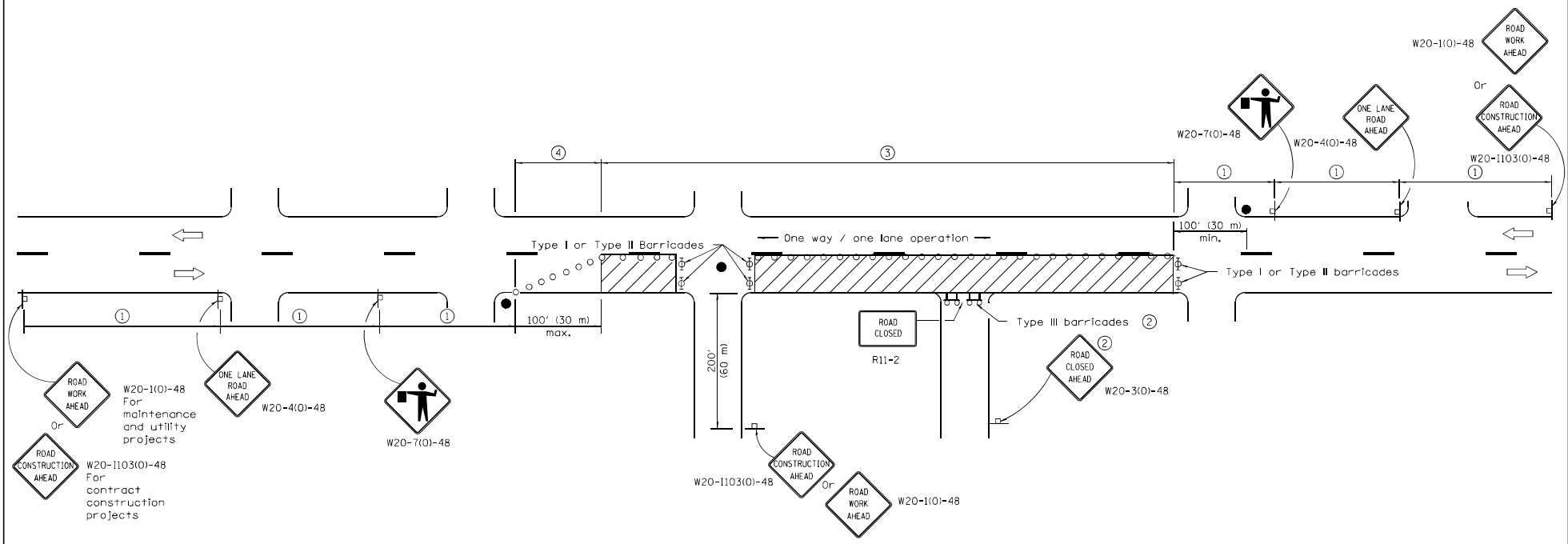
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

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

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

STANDARD 701311–03



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

SYMBOLS

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

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

GENERAL NOTES

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

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

Illinois Department of Transportation

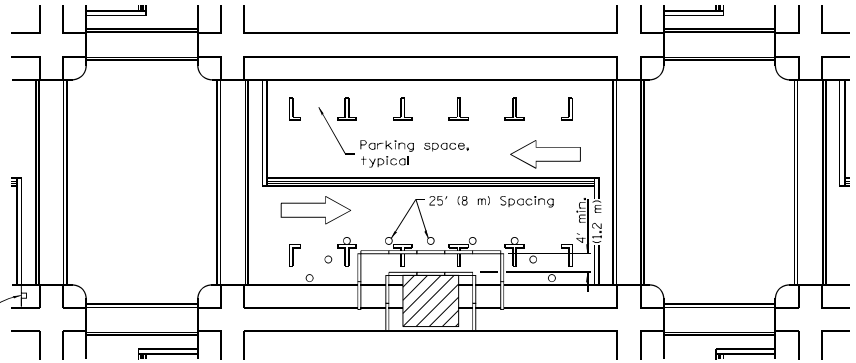
APPROVED January 1, 2011
ENGINEER OF SAFETY ENGINEERING
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

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

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06



① ROAD CONSTRUCTION AHEAD — W20-1103(0)-48 for contract construction projects

Or

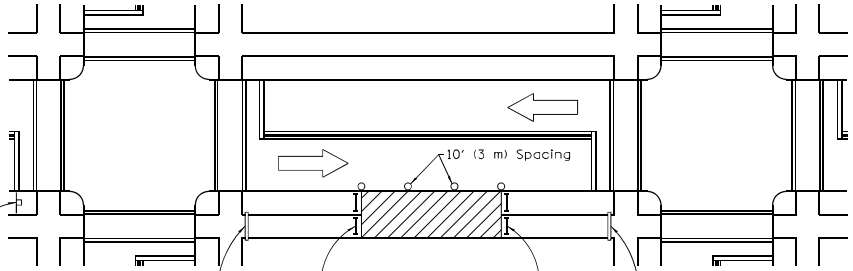
① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK DIVERSION

① Omit whenever duplicated by road work traffic control.

SYMBOLS

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



① ROAD CONSTRUCTION AHEAD — W20-1103(0)-48 for contract construction projects

Or

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

SIDEWALK CLOSURE

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.

Illinois Department of Transportation

APPROVED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016
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 std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of
	plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801–06

Illinois Department of Transportation

ISSUED 1-1-97

APPROVED April 1, 2016
ENGINEER OF SAFETY ENGINEERING
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

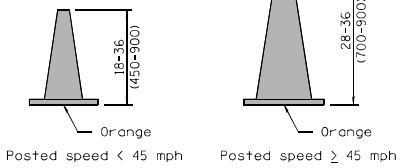
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

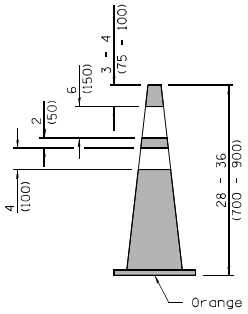
STANDARD 701801-06

CROSSWALK CLOSURE

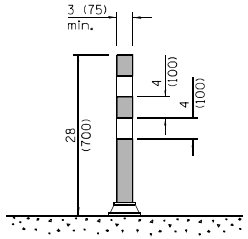
CORNER CLOSURE



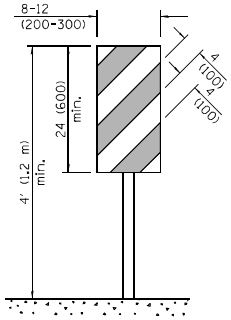
CONE FOR DAYTIME



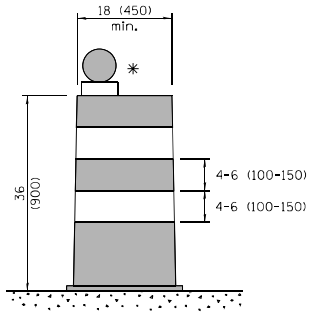
REFLECTORIZED CONE FOR NIGHTTIME



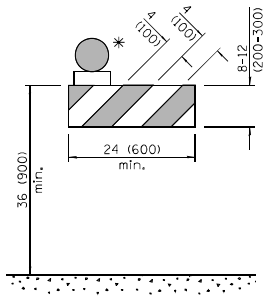
FLEXIBLE DELINEATOR



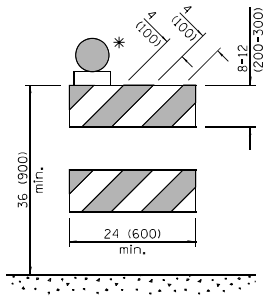
VERTICAL PANEL
POST MOUNTED



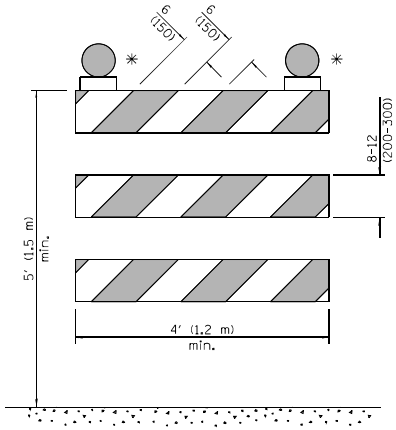
DRUM



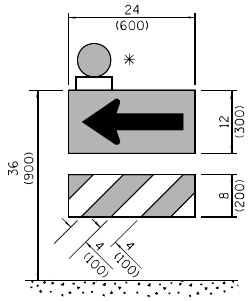
TYPE I BARRICADE



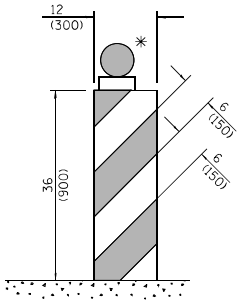
TYPE II BARRICADE



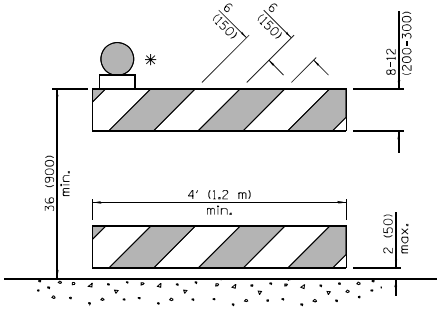
TYPE III BARRICADE



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.

Illinois Department of Transportation

APPROVED April 1, 2016
ENGINEER OF OPERATIONS

APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

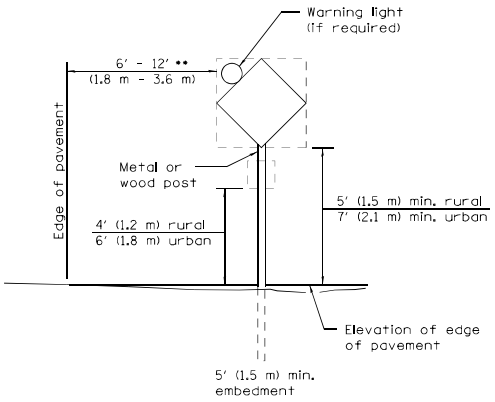
ISSUED 1-1-97

DATE	REVISIONS
4-1-16	Add dim's to barricades. Rev.
	note for post mnt. signs.
	Rev. cone dtls. Add W12-1103.
1-1-15	Revised two sign numbers on
	sheet 2. Added note reg.
	PHOTO ENFORCED plaque.

TRAFFIC CONTROL DEVICES

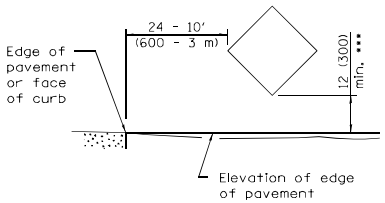
(Sheet 1 of 3)

STANDARD 701901-05



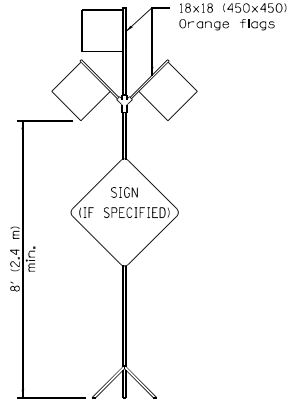
POST MOUNTED SIGNS

•• 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.

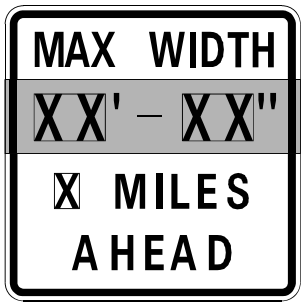


SIGNS ON TEMPORARY SUPPORTS

••• 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.



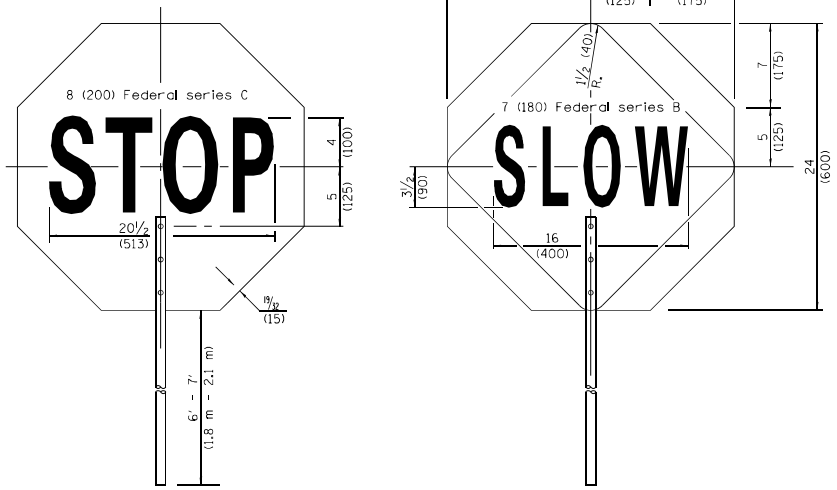
HIGH LEVEL WARNING DEVICE



W12-I103-4848

WIDTH RESTRICTION SIGN

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



FRONT SIDE

REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

ROAD CONSTRUCTION NEXT X MILES	END CONSTRUCTION
G20-I104(0)-6036	G20-I105(0)-6024

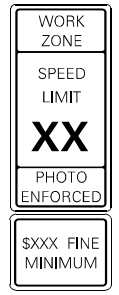
This signing is required for all projects 2 miles (3200 m) or more in length.

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



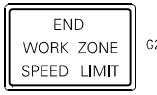
W21-I115(0)-3618

R2-1-3648

R10-I108p-3618 ••••

R2-I106p-3618

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



G20-I103(0)-6036

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

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

•••• R10-I108p shall only be used along roadways under the jurisdiction of the State.

Illinois Department of Transportation

APPROVED April 1, 2016
ENGINEER OF OPERATIONS

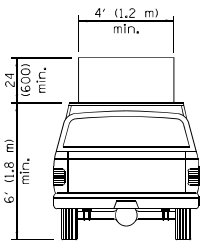
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

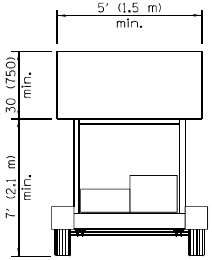
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

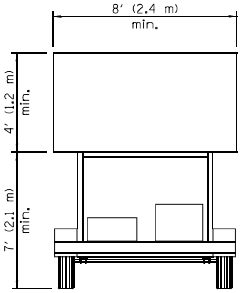
STANDARD 701901-05



TYPE A ROOF MOUNTED

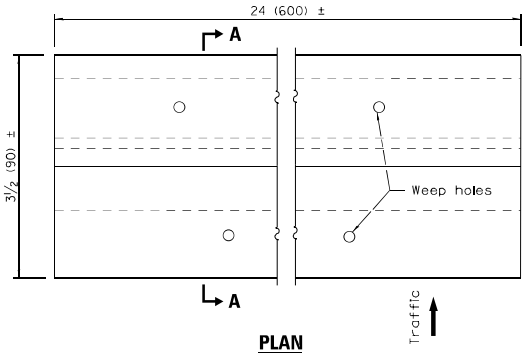


TYPE B ROOF OR TRAILER MOUNTED

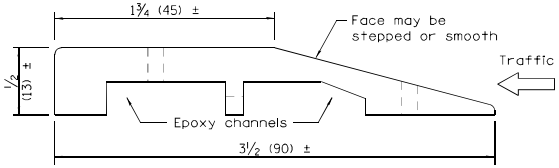


TYPE C TRAILER MOUNTED

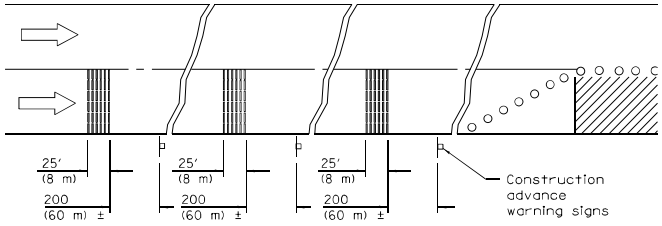
ARROW BOARDS

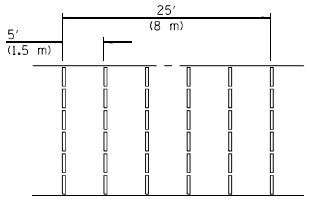


PLAN



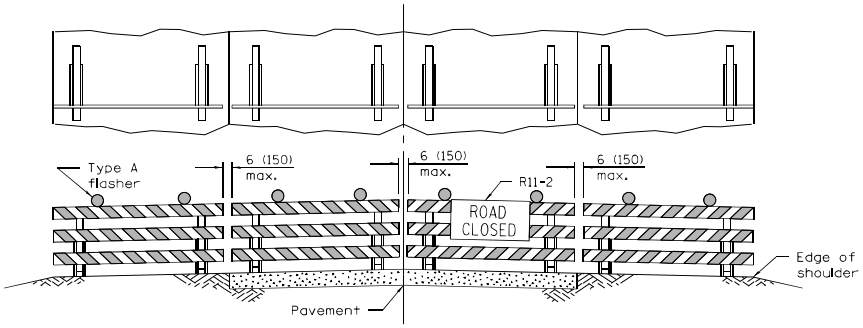
SECTION A–A





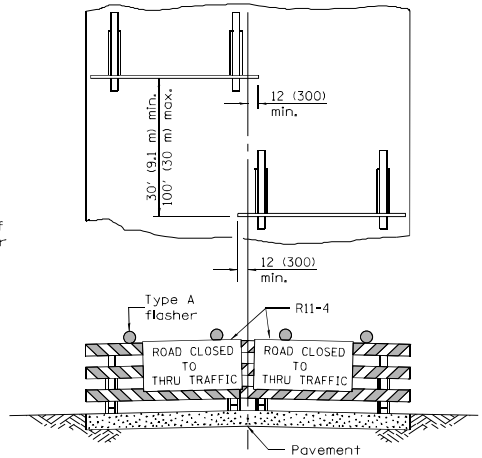
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

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



ROAD CLOSED TO THRU TRAFFIC

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

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation

APPROVED April 1, 2016
ENGINEER OF OPERATIONS

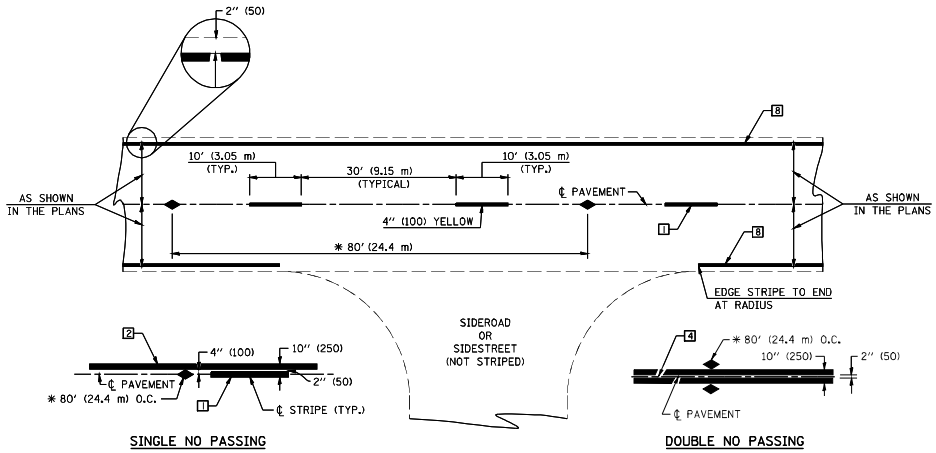
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901–05

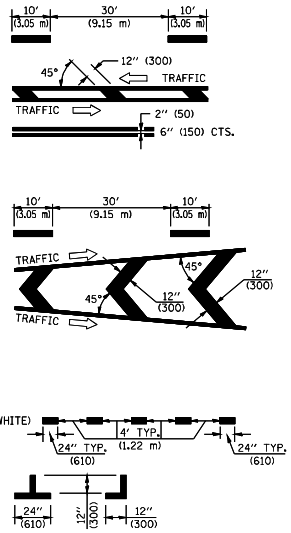


* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

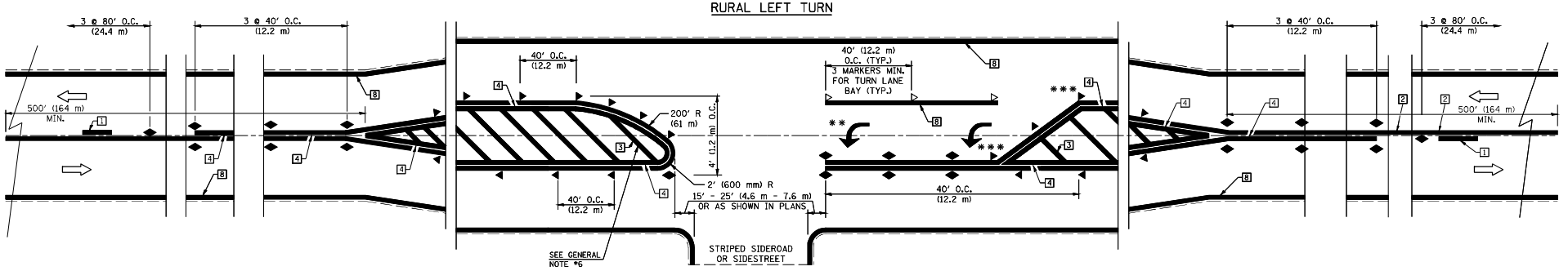
1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. RESERVED
6. RESERVED
7. 4" (100) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) LANE LINE EXTENSIONS (WHITE)
14. 4" (100) PARKING WHITE



TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



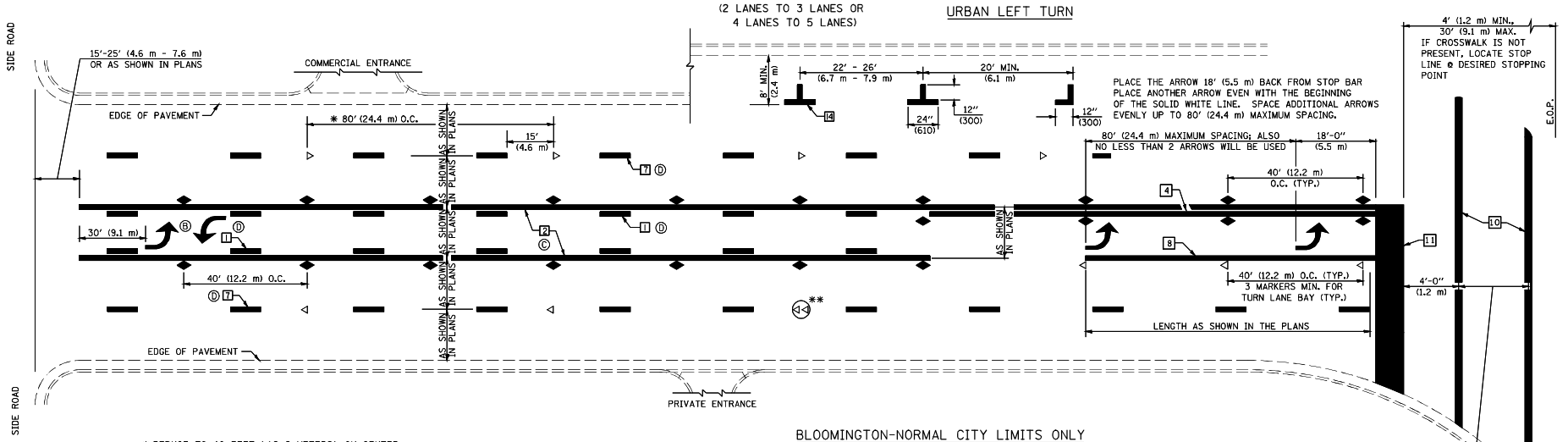
*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME = c:\pw_work\pwidot\craigre\d0101509\7800aaa.dgn	USER NAME = craigre	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED - 09/2009 - KJT						
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO.	
	PLOT DATE = 9/8/2009	DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. / ILLINOIS / FED. AID PROJECT



BLOOMINGTON-NORMAL CITY LIMITS ONLY

CROSSWALK WIDTH 6'-0" (1.8 m)
OR AS SHOWN IN THE PLANS

* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

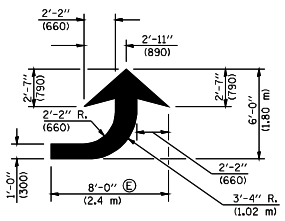
GENERAL NOTES:

Ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.

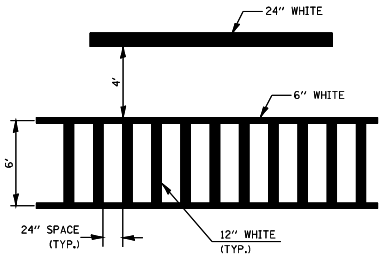
Ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.

Ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.

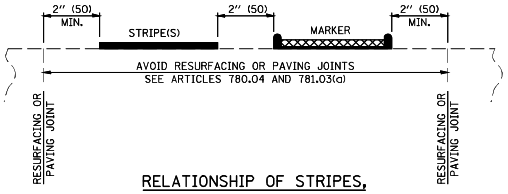
Ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



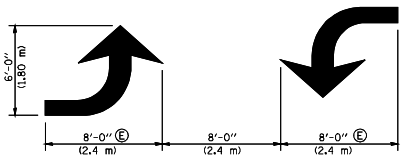
LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m^2)
(WHITE)



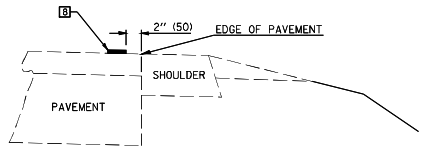
TYPICAL SPACING FOR
CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES,
MARKERS AND JOINTS



TYPICAL DOUBLE
TURN ARROWS (WHITE)

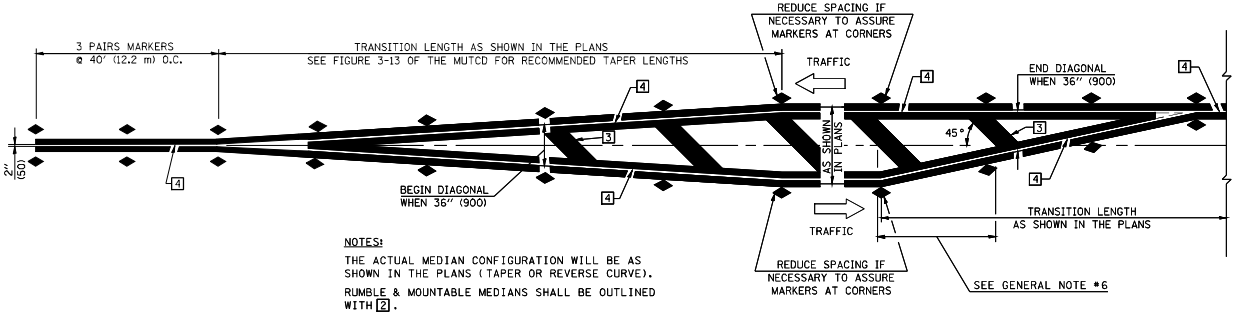


RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME = c:\pw_work\PWIDOT\CRAIGRE\d0101509\7800aaaa.dgn	USER NAME = craigre	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A. RTE.	SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED - 09/2009 - KJT				
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -		SCALE:	CONTRACT NO.	
	PLOT DATE = 9/8/2009	DATE -	REVISED -		SHEET NO. 2 OF 4 SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT



NOTES:

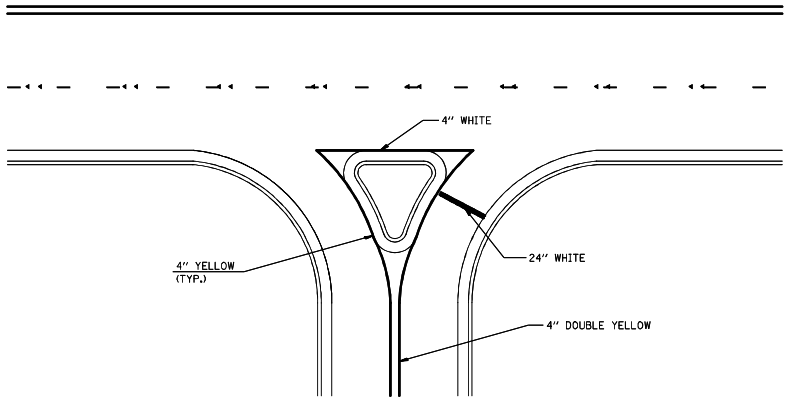
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).

RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

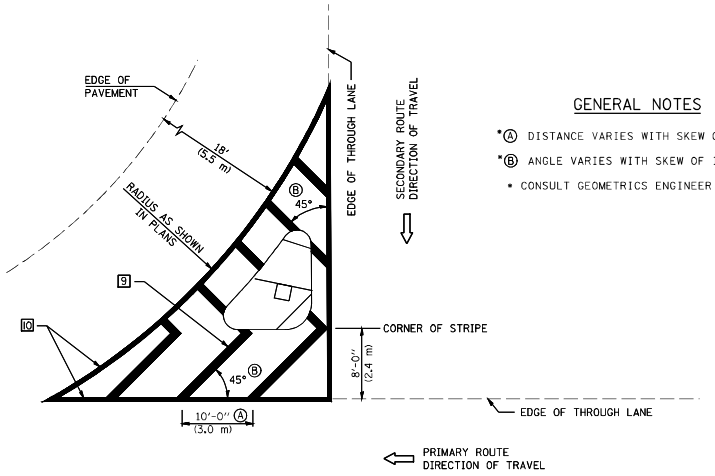
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
   <30 MPH USE 15' (<50 km/h USE 4.5 m)
   30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
   >45 MPH USE 30' (>75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

*Ⓐ DISTANCE VARIES WITH SKEW OF INTERSECTION.

*Ⓑ ANGLE VARIES WITH SKEW OF INTERSECTION.

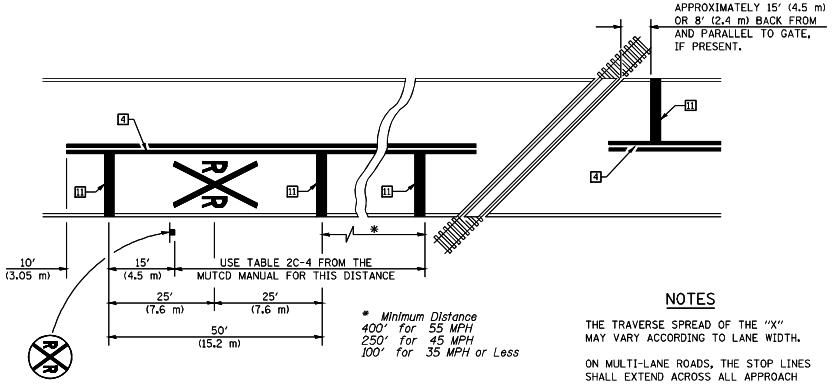
* CONSULT GEOMETRICS ENGINEER

ISLAND

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME = c:\pw_work\PWIDOT\CRAIGRE\d0101509\7800aaaa.dgn	USER NAME = craigre	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - 09/2009 - KJT								
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -						CONTRACT NO.		
	PLOT DATE = 9/8/2009	DATE -	REVISED -		SCALE:	SHEET NO. 3 OF 4 SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKINGS AT
RAILROAD-HIGHWAY GRADE CROSSING

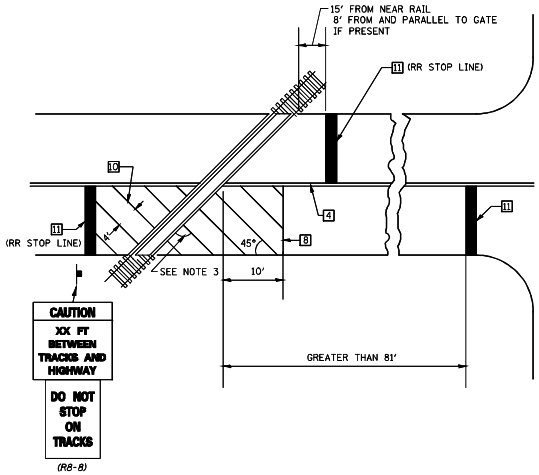
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

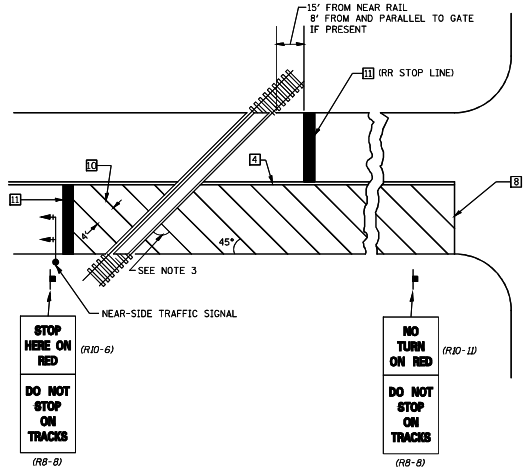
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

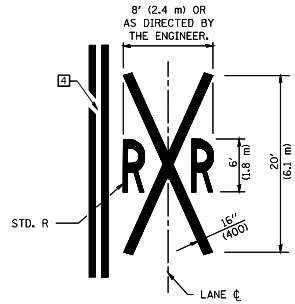
RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR
RAILROAD-HIGHWAY GRADE CROSSING



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

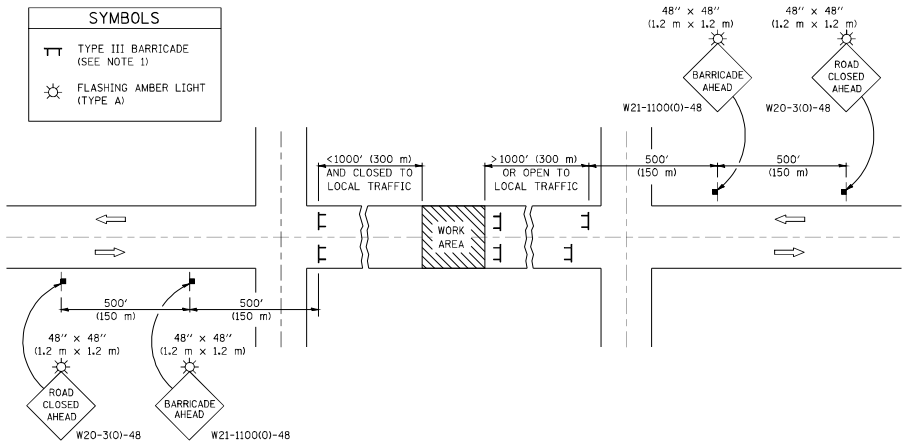
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME = c:\pw_work\PWIDOT\CRAIGRE\d0101509\7800aaaa.dgn	USER NAME = craigre	DESIGNED -	REVISED - 11/06	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)**
		DRAWN -	REVISED - 09/2009 - KJT		
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.
	PLOT DATE = 9/8/2009	DATE -	REVISED -		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

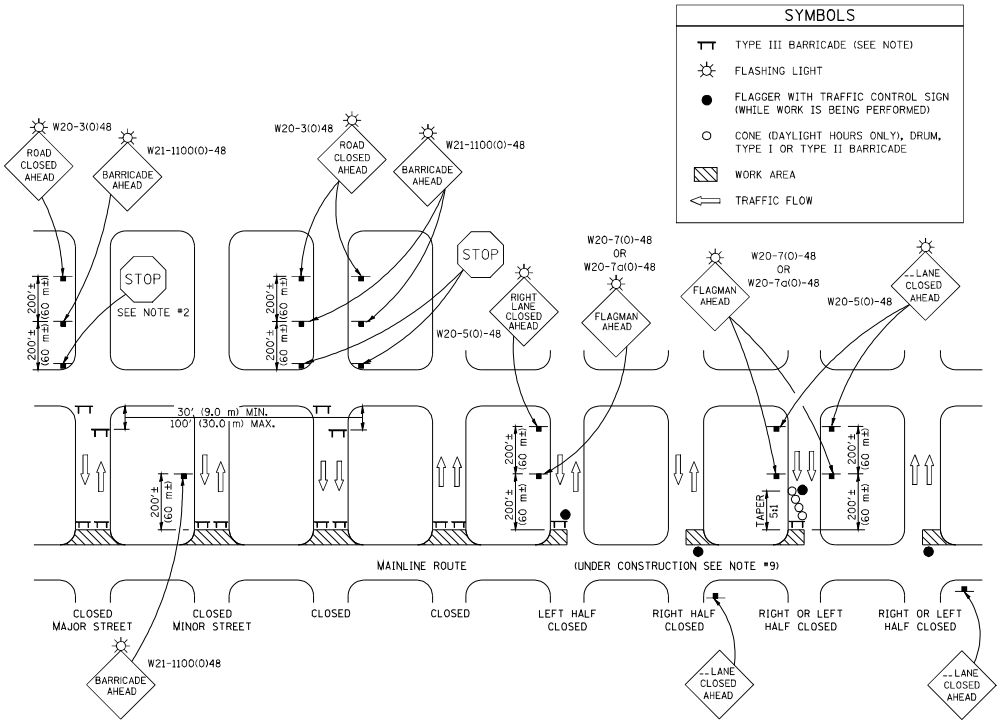
ROAD CLOSURE



GENERAL NOTES

1. TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
2. IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
3. WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
4. STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
5. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
6. REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TY III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
7. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
8. A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
9. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
10. FORMS BT. 725 AND BT. 726 ARE REQUIRED.
11. WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
12. AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SIDEROAD / STREET CLOSURE



GENERAL NOTES

1. TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
2. WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
3. STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
4. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
5. ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
7. FORMS BT 725 AND BT 726 ARE REQUIRED.
8. THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
9. ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 70200000

FILE NAME = c:\pw_work\PWIDOT\CRAIGRE\d0101509\70200000.dgn	USER NAME = craigre	DESIGNED -	REVISED - 11/06
		DRAWN -	REVISED - 12/07
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED - 09/09 - KJT
	PLOT DATE = 12/23/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES (ROAD & SIDEROAD/STREET CLOSURES)

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

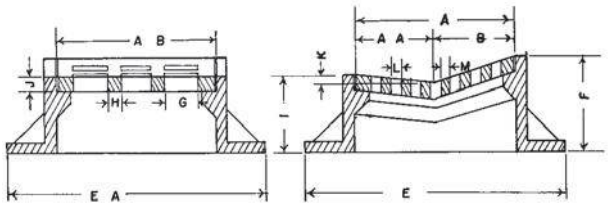
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Note: When specifying/ordering grates, refer to "Choosing the Proper Inlet Grate" on pages 125-126.
For a complete listing of FREE OPEN AREAS and WEIR PERIMETERS of all NEENAH grates, refer to pages 327-332.

R-3506 to R-3517 Series
Inlet Frame and Grate for Driveway and Mountable Curb

Heavy Duty

CATALOG NUMBER	GRATE TYPE	SQ. FT. OPEN	WEIR PERIMETER LINEAL FEET
R-3506-A2	C	1.4	2.9
R-3506-B	C	1.2	2.9
R-3507-C	D	1.6	3.7
R-3507-D	D	1.6	3.7
R-3508-A2	C	1.7	3.8
R-3508-B	C	1.8	3.8
R-3508-B1	D	1.9	3.8
R-3508-B2	K	1.4	7.5
R-3508-C	C	1.4	3.8
R-3509	K	0.9	2.8
R-3510	C	2.9	4.1
R-3511	C	2.0	2.9
R-3513	A	1.4	4.7
R-3514-F	C	2.6	5.5
R-3514-F2	C	5.1	7.7
R-3517	C	1.8	3.7



Illustrating R-3508-A2

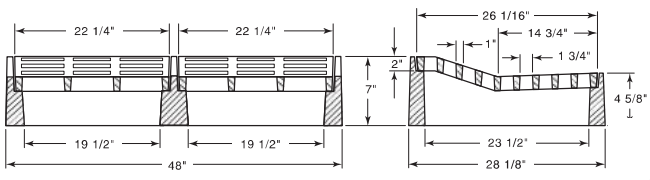
Dimensions in inches

Catalog No.	A	AB	AA	B	E	EA	F	G	H	I	J	K	L	M
R-3506-A2 *	19 1/4	19 1/4	8 1/8	11 1/8	28 1/4	30	12 1/2	6 1/4	3/4	10	1 1/2	1 1/4	1 1/2	7/8
R-3506-B *	19 1/4	19 1/4	8 1/8	11 1/8	28 1/4	30	11	4 3/4	1	10	1 1/2	1 1/2	1 7/8	1
R-3507-C	22	22	11	11	35	35	10	19 3/4	-	10	1 3/4	2	1 1/2	7/8
R-3507-D **	22	22	11	11	30	35	10	19 3/4	-	10	1 3/4	2	1 1/2	7/8
R-3508-A2	22 3/4	22 3/4	11 3/8	11 3/8	35	Dia.	12	6 1/4	3/4	10	1 3/4	2	1 1/2	7/8
R-3508-B	22 3/4	22 3/4	11 3/8	11 3/8	35	Dia.	10	6	1	10	1 3/4	1 3/4	2	1
R-3508-B1	22 3/4	22 3/4	11 3/8	11 3/8	35	Dia.	10	20 3/4	-	10	1 3/4	1 3/4	1 1/2	7/8
R-3508-B2 *	22 1/2	22 1/2	11 1/4	11 1/4	35	Dia.	10	6	1	10	1 3/4	1 3/4	1	7/8
R-3508-C *	22 3/4	22 3/4	11 3/8	11 3/8	38	Dia.	13 1/2	4 1/4	1 3/16	10	2 3/8	1/2	1 3/8	1
R-3509	17	22	8 1/2	8 1/2	25	29	5 1/4	1 1/4	1 1/4	5 1/4	1 3/4	1	6 3/4	1 1/4
R-3510	21 3/4	35 3/4	13 7/8	7 7/8	30	44	9 1/2	10 3/8	1 1/8	6	2	1	1 7/8	1 1/8
R-3511	19	30	8 1/8	10 7/8	27	38	8	8 1/2	1 1/8	7	2	1 3/8	1 7/8	1 1/8
R-3513	24	24	16 1/4	7 3/4	36	35 5/8	7	1 1/4	1	7	1 7/8	2 1/2	4	2 1/4
R-3514-F ***	29 3/8	28 1/8	19 1/8	10 1/4	38 1/4	36 1/4	11 1/2	7 1/2	1	8	2	1 1/2	1 1/2	1
R-3514-F2 +	29 3/8	28 1/8	19 1/8	10 1/4	38 1/4	69 1/2	11 1/2	7 1/2	1	8	2	1 1/2	1 1/2	1
R-3517	22 1/4	22 1/4	11 1/8	11 1/8	36	Dia.	6	6	1	6	2	1/2	2	1

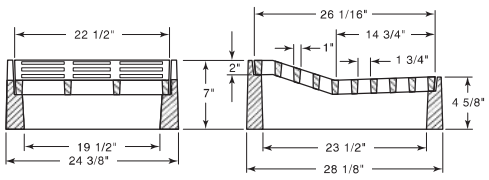
* No base flange at rear.
** No base flange on front.
*** Also available with 44" diameter base flange.
+ Two piece frame, two piece grate.

R-3516 Series
Inlet Frame, Grate for Driveway and Mountable Curb

Heavy Duty



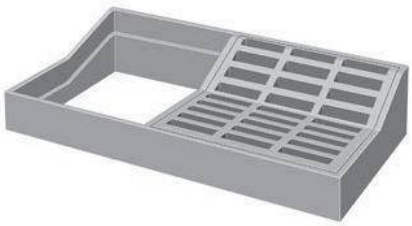
R-3516 Double Unit



R-3516-1 Single Unit

CATALOG NUMBER	GRATE TYPE	SQ. FT. OPEN	WEIR PERIMETER LINEAL FEET
R-3516	C	4.0	6.2
R-3516-1	C	2.0	4.3

Catalog No.	Type
R-3516	Double Unit
R-3516-1	Single Unit



Illustrating R-3516 with one grate removed

GEOTECHNICAL SURVEY SERVICES

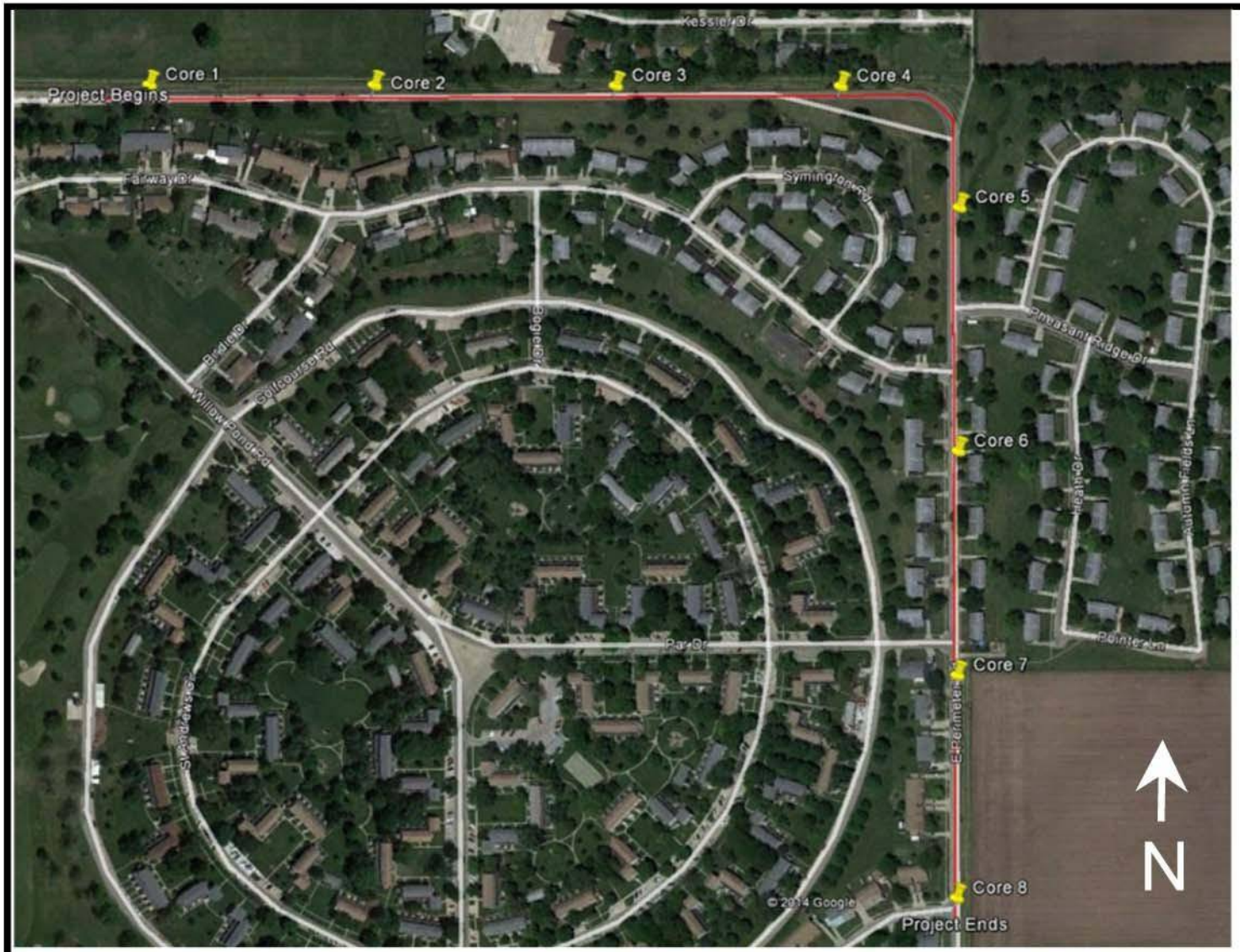
Proposed Roadway Improvements
Sangamon Avenue
Willow Pond Road
East Perimeter Road
Rantoul, Illinois

PREPARED FOR

Baxter & Woodman, Inc.
8840 West 192nd Street
Mokena, Illinois

August 28, 2014

MET File No. 43053



Core 1: Sta. 2+00, 3' from Lt EOP

Core 2: Sta.7+50, 2' Lt of CL

Core 3: Sta. 13+50, 2' Rt of CL

Core 4: Sta. 19+00, 3' from Rt EOP

Core 5: Sta. 24+50, 3' from Lt EOP

Core 6: Sta. 30+50, 2' Lt of CL

Core 7: Sta. 36+00, 2' Rt of CL

Core 8: Sta. 41+50, 6' Rt of CL

EOP = Edge of Pavement

MET

Midwest Engineering and Testing, Inc.

geotechnical*environmental*materials engineers

Figure 1 - Coring Location Diagram

E. Perimeter Road Improvements
Sta. 1+00 to Sta. 42+25
Rantoul, Illinois

SCALE:	None
PROJECT NO.:	43053
DATE:	August 26, 2014
DRAWN BY:	RWH

MET

Midwest Engineering and Testing, Inc.
501 Mercury Drive
Champaign, IL 61822
217-359-2128
Fax 217-359-8446
www.metgeotech.com

Proposed Roadway Improvements
Perimeter Road
Maplewood Drive to Golfview Road
Rantoul, Illinois
MET Project No. 43053

Table 1
Perimeter Road Core Data

Core Number	Existing Surface Materials
C-1	6.125” Asphalt over 15” Crushed Stone over 3” Sand
C-2	5.5” Asphalt over 13” Crushed Stone over 3” Sand/Gravel
C-3	5” Asphalt over 15.5” Crushed Stone over 3” Sand
C-4	6.5” Asphalt over 12” Crushed Stone over 2” Sand
C-5	4” Asphalt over 6” Coarse Crushed Stone
C-6	2.875” Asphalt over 4” Crushed Stone over 8” Coarse Stone
C-7	3.25” Asphalt over 10” Coarse Crushed Stone
C-8	2.75” Asphalt over 9” Coarse Crushed Stone

General Decision Number: IL160015 02/05/2016 IL15

Superseded General Decision Number: IL20150015

State: Illinois

Construction Types: Heavy and Highway

Counties: Adams, Brown, Cass, Champaign, Christian, Clark, Coles, Cumberland, De Witt, Douglas, Edgar, Logan, Macon, Mason, Menard, Morgan, Moultrie, Piatt, Pike, Sangamon, Schuyler, Scott, Shelby and Vermilion Counties in Illinois.

DE WITT COUNTY:

HEAVY CONSTRUCTION PROJECTS (including Sewer & Water Line Construction & Drainage Projects) & HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects, and railroad construction; bascule, suspension & spandrel arch bridges; bridges designed for commercial navigation; bridges involving marine construction, other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of $10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon Act for which the solicitation was issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least $10.15 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/08/2016
1	01/22/2016
2	02/05/2016

BRIL0008-011 05/01/2015

LOGAN, MORGAN and SCOTT COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 30.00	18.91

CARP0237-001 05/01/2006

SCHUYLER COUNTY

	Rates	Fringes
CARPENTER	$ 25.35	13.78

CARP0237-012 05/01/2012

MASON COUNTY

	Rates	Fringes
CARPENTER	$ 28.84	22.03
PILEDRIVERMAN	$ 29.84	22.03

CARP0237-021 05/01/2012

DE WITT COUNTY

	Rates	Fringes
CARPENTER	$ 31.00	21.81
PILEDRIVERMAN	$ 32.00	21.81

CARP0243-001 06/01/2012

CHAMPAIGN, EDGAR, AND VERMILION COUNTIES

	Rates	Fringes
CARPENTER	$ 33.35	17.30
PILEDRIVERMAN	$ 34.35	17.30

CARP0243-006 06/01/2012

CLARK, COLES, CUMBERLAND, MOULTRIE, and SHELBY COUNTIES

	Rates	Fringes
CARPENTER	$ 29.95	20.70
PILEDRIVERMAN	$ 30.95	20.70

CARP0243-009 06/01/2012

DOUGLAS COUNTY

	Rates	Fringes
CARPENTER	$ 29.95	20.70
PILEDRIVERMAN	$ 30.95	20.70

CARP0270-004 05/01/2012

CHRISTIAN, MENARD, AND SANGAMON (Except Illiopolis) COUNTIES

	Rates	Fringes
CARPENTER	$ 29.81	21.04
PILEDRIVERMAN	$ 30.81	21.04

CARP0270-007 05/01/2012

ADAMS COUNTY

	Rates	Fringes
CARPENTER	$ 28.99	21.66

PILEDRIVERMAN.....$ 29.99 21.66

CARP0270-016 06/01/2012

MACON, MOULTRIE (North of Rt #133), PIATT (Southwestern Half), SANGAMON (Illiopolis) AND SHELBY (Moweaqua & North thereof) COUNTIES

	Rates	Fringes
CARPENTER	$ 29.29	21.36
PILEDRIVERMAN	$ 30.29	21.36

CARP0270-021 05/01/2012

LOGAN COUNTY

	Rates	Fringes
CARPENTER	$ 29.51	21.36
PILEDRIVERMAN	$ 30.51	21.36

CARP0270-024 05/01/2012

BROWN, CASS, MORGAN, PIKE, AND SCOTT COUNTIES

	Rates	Fringes
CARPENTER	$ 28.87	21.78
PILEDRIVERMAN	$ 29.87	21.78

ELEC0034-012 06/01/2014

MASON (Except Bath, Crane Creek, Kilbourne, Lynchburg, Mason City, & Salt Creek TWPS) COUNTY

	Rates	Fringes
ELECTRICIAN	$ 34.66	17.93

ELEC0051-003 03/02/2015

ADAMS, BROWN, CASS, CHAMPAIGN, CHRISTIAN, DEWITT, DOUGLAS, EDGAR, LOGAN, MACON, MASON, MENARD, PIATT, SCHUYLER, SCOTT, VERMILION, COLES (East Oakland, Humboldt, Morgan, North Okaw, and Seven Hickory TWPS), MORGAN, MOULTRIE (Except Whitley TWP), PIKE, SANGAMON, & SHELBY (that portion West of Holland, Prairie, Richland, and Windsor TWPS) COUNTIES

	Rates	Fringes
Line Construction		
Groundman/Equipment Operator (All crawler type equipment larger than D-4, 15 ton crane or larger)	$ 41.03	18.15
Groundman/Truck Driver	$ 29.52	14.46

Lineman and Substation Technician	$ 45.57	19.59

ELEC0146-003 06/01/2015

CHRISTIAN, COLES, CUMBERLAND, DE WITT (Harp, Wapella, Barnett, Clintonia, De Witt, Turnbridge, Texas, Creek & Nixon TWPS), DOUGLAS (Arcola, Burbon, Garrett TWPS & the portion of Tuscola lying West of the City of Tuscola & Illinois Central Railroad tracks), MACON, MOULTRIE, PIATT (Goose Creek, Willow Branch, Cerro Gordo, Bement & Unity TWPS), AND SHELBY COUNTIES

	Rates	Fringes
ELECTRICIAN	$ 35.91	15.51

* ELEC0193-004 01/01/2016

	Rates	Fringes
ELECTRICIAN		
CASS, LOGAN, MASON (Bath, Crane Creek, Kilbourne, Lynchburg, Mason City & Salt Creek TWPS), MENARD, MORGAN, SANGAMON and SCOTT COUNTIES	$ 34.48	16.30

ELEC0193-010 04/06/2015

CASS, LOGAN, MASON (Townships of Lynchburg, Bath, Kilbourne, Crane Creek, Salt Creek, and Mason), MENARD, MORGAN, SCOTT, AND SANGAMON COUNTIES

	Rates	Fringes
Line Construction		
Groundman - Equipment Operator (Class I, all crawler type equipment larger than D-4, 15 ton crane or larger)	$ 42.24	17.42
Groundman - Truck Driver (with winch, may oerate diggers, 5th wheel type trucks, crawler-type equipment, D-4 and smaller, backhoe 3/4 yard and under, rubber tire and crawler w/end loader, and may drive bucket truck and live boom type line trucks)	$ 32.24	14.51
Groundman - Truck Driver (without winch)	$ 30.41	13.96
Groundman (Class A)	$ 28.98	13.55
Lineman & Substation Tech...	$ 46.92	18.85

ELEC0197-003 06/01/2014

	Rates	Fringes
Electricians:	$ 35.00	16.78

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* ELEC0538-008 01/01/2016

VERMILION COUNTY

	Rates	Fringes
ELECTRICIAN	$ 32.30	19.12

ELEC0702-005 01/01/2016

CLARK, COLES (Southern Half), CUMBERLAND, MOULTRIE (Whitley TWP), and SHELBY (Except West of Holland, Prairie, Richland, & Windsor TWPS) COUNTIES

	Rates	Fringes
Line Construction		
Groundman - Class A	$ 28.81	14.71
Groundman - Equipment Operator Class II (all other equipment)	$ 34.96	16.50
Heavy - Equipment Operator Class I (all crawler type equipment D-4 and larger)	$ 39.15	17.71
Lineman	$ 49.05	20.58

ENGI0649-006 04/01/2015

MASON COUNTY

	Rates	Fringes
OPERATOR: Power Equipment		
Group 1	$ 38.15	28.48+A
Group 2	$ 35.46	28.48+A
Group 3	$ 31.03	28.48+A

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Cranes: Overhead Cranes; Hydro Crane; Shovels; Crane type Backfiller; Tower Cranes-Mobile, Crawler, Stationary; Derricks, Hoist (3 drum); Draglines; Drott Yumbo & similar types considered as Cranes; 360 Degrees Swing Excavator, Backhoe; Derrick Boats; Pile Driver and Skid Rigs; Clam Shell; Locomotive Cranes; Road Pavers (Single Drum, Dual Drum, Tri Batcher); Motor Patrol & Power Blades (Dunmore, Elevating & similar types); Mechanics; Central Concrete Mixing Plant Operator; Asphalt Batch Plant Operator and Plant Engineer; Gradall; Caisson Rigs; Skimmer Scoop, Koehring Scooper; Dredges (all types); Hoptoe; All Cherry Pickers; Work Boat; Ross Carrier; Helicopter; Dozer; Tournadozer; Tournapulls (all & similar types); Concrete and all recycle machines, Multiple Unit Earth Movers; 75 cents per hour for each scoop over one; Scoops (all sizes);

Pushcats; Endloaders (all types); Asphalt Surfacing Machine; Slip Form Paver; Rock Crusher; Material Crusher (outside pits and quarries); Screening Plants (outside pits and quarries); Tunnel Boring Machine; Heavy Equipment Greaser (Top Greaser on Spread); CMI, Auto Grade, CMI Belt Placer (3 track & similar types); Side Booms; Starting Engineer on Pipeline or Construction (eleven 11 pieces or more); Asphalt Heater & Planer Combination; Wheel Tractors with Dozer, Hoe or End Loader attachements; CAT Earthwork Compactors and similar types; Blaw Knox Spreader & similar types; Trench Machines; Pump Crete, Belt Crete, Squeeze Crete, Screw Type Pumps & Gypsum; Creter Crane; Concrete Pump Truck; Formless Finishing Machines; Flaherty Spreader or similar types; Screedman on Laydown Machine; Vermeer Concrete Saw; Laser Screed; Span Saw; Dredge Leverman; Dredge Engineer; Lull or similar type; Hydro-Boom Truck; Guard Rail Machine.

GROUP 2: Bulker & Pump; Power Launches; Boring Machine & Pipe Jacking Machine; Dinkeys; Carts, powered haul unit for a boring machine; P-H one Pass Soil Cement Machines and similar types: Wheel Tractor; Back Fillers; Euclid Loader; Fork LIfts; Jeep with Ditching Machines or other attachments; Tuneluger; Automatic Cement & Gravel Batching Plants; Mobile Drills Soil Testing and similar types); Pugmill with Pump; All 1 and 2 Drum Hoists; De-watering Systems; Straw Blower; Hydro Seeder; Bump Grinders, Self Propelled; Assistant Heavy Equipment Greaser; Apsco Spreader Tractors (Track-Type w/o Power Units pulling Rollers); Rollers on Asphalt, Brick, or Macadam; Concrete Breakers; Concrete Spreaders; Cement Strippers; Cement Finishing Machines & CMI Texture & Reel Curing Machines; Vibro-Tampers & similar types self-propelled; Mechanical Bull-Floats; Self-Propelled Concrete Saw; Truck Mounted Power Saws; Curb Cutters; Mixers over 3 bags to 27E; Winch & Boom Trucks; Tractor pulling Power Blade or Elevating Grader; Porter Rex Rail; Clary Screed; Mule pulling Rollers; Pugmill w/o Pump; Barber Greene or similar Loaders; Track Type Tractor with power unit attached; Fireman; Spray Machine on paving; Curb Machine; Paved Ditch Machine; Power Broom; Self-Propelled Sweepers; Self-Propelled Conveyors; Power Subgrader; Oil Distributor; Straight Tractor; Truck Crane Oiler; Truck Type Oilers; Directional Boring Machine; Horizontal Directional Drill; Articulating End Dump Vehicles; Starting Engineer (6 to 10 pieces).

GROUP 3: Straight Framed Truck and Truck Mounted Vac Unit, Starting Engineer (3 to 5 pieces); Trac Air Machine w/o attachments; Rollers, 5 tons & under on earth & gravel; Form Grader; Bulk Cement Plant; Oilers.

- Escalated Rate on Crane, Derrick Booms, and Tower Cranes: Additional $1.00 per hour over scale when Crane or Derrick is positioned 50 ft. or more above adjacent ground level or water level. $.05 per hour, per foot, over 90 feet including jib. $0.02 per hour, per ton - over 50-ton capacity.

- Operating engineers who operate Lattice Boom Crawler

Cranes, Lattice Boom Truck Cranes, Telescopic Boom Cranes less than 17.5 Tons, Tower Cranes, Overhead Cranes and have been Certified by hte National Commission for the Certification of Crane Operators on the equipment they operate shall receive $1.60 per hour over scale.

A. On designated Hazardous Waste jobs, operators shall receive:
Level A add $4.00 to the appropriate group rate; Levels B and C add $3.00 to the appropriate group rate; and Level D add $2.00 to the appropriate group rate.

ENGI0841-003 04/01/2015

CHAMPAIGN, CLARK, COLES, CUMBERLAND, DOUGLAS EDGAR, MOULTRIE, and VERMILION COUNTIES

	Rates	Fringes
OPERATOR: Power Equipment		
GROUP 1	$ 38.60	18.35
GROUP 2	$ 24.75	18.35

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Power Cranes, Draglines, Derricks, Shovels, Gradalls, Mechanics, Tractor Highlift, Tournadozer, Concrete Mixers with Skip, Tournamixer, Two-Drum Machine, One-Drum Hoist with Tower or Boom, Cableways, Tower Machines, Motor Patrol, Boom Tractor, Boom or Winch Truck, Winch or Hydraulic Boom Truck, Truck Crane, Tournapull, Tractor Operating Scoops, Bulldozer, Push Tractor, Asphalt Planer, Finishing Machine on Asphalt, Large Rollers on Earth, Rollers on Asphalt Mix, Ross Carrier or Similar Machine, Gravel Processing Machine, Asphalt Plant Engineer, Paver Operator, Farm Tractor with Half Yard Bucket and/or Backhoe Attachments, Dredge Engineer, or Dredge Operator, Central Mix Plant Engineer, CMI or Similar Type Machine, Truck or Skid Mounted Concrete Pump, Tower Crane, Engine or Rock Crusher Plant, Concrete Plant Engineer, Ditching Machine with Dual Attachment, Tractor Mounted Loaders, Cherry Picker, Hydro Crane, Standard or Dinney Locomotives, Scoopmobiles, Euclid Loader, Soil Cement Machine, Back Filler, Elevating Machine, Power Blade, Drilling Machines Including Well Testing, Caissons, Shaft or Any Similar Type Drilling Machines, Motor Driven Paint Machine, Pipe Cleaning Machine, Pipe Wrapping Machine, Pipe Bending Machine, Apsco Paver, Boring Machine, (Head Equipment Greased), Barber- Greene Loaders, Formless Paver, (Well Point System), Concrete Spreader, Hydra Ax, Span Saw and Similar Types, Marine Scoops, Brush Mulcher, Brush Burner, Mesh Placer, Tree Mover, Helicopter Crew (3), Piledriver - Skid or Crawler, Stump Remover, Root Rake, Tug Boat Operator, Refrigerating Machine, Freezing Operator, Chair Cart-Self Propelled, Hydra Seeder, Straw Blower, Power Sub Grader, Bull Float, Finishing Machine, Self-Propelled Pavement Breaker (Backhoe Attached), Lull (or Similar Type Machine), Two Air Compressors, Compressors Hooked in

Manifold, Overhead Crane, Chip Spreader, Mud Cat, Sull-Air Fork Lifts (Except When Used For Landscaping Work), Soil Stabilazer (Seaman Tiller, Bo Mag, Rago Gator and Similar Types or Equipment), Tube Float, Spray Machine, Curing Machine, Concrete or Asphalt Milling Machine, Snooper Truck Operator.

GROUP 2: Concrete Mixers Without Skips, Rock Crusher, Ditching Machine Under 6', Curbing Machine, one Drum Machines without Tower or Boom, Air Tugger, Self-Propelled Concrete Saw, Machine- Mounted Post Hole Digger, Two to Four Generators, Water Pumps, or Welding Machines, within 400ft., Air Compressor 600 cu. ft. and Under, Rollers on Aggregate and Seal Coat Surfaces, Fork Lifts (When Used For Landscaping Work, Concrete and Blacktop Curb Machine, Farm Tractor with less than Half Yard Bucket, One Water Pump, Oilers, Air Valves or Steam Valves, One Welding Machine, Truck Jack, Mud Jack, Gunnite Machine, House Elevators when used for Hoisting Material, Engine Tenders, Wagon Drill, Flex Plane, Conveyor, Siphons and Pulsometer, Switchman, Fireman on Paint Pots, Fireman on Asphalt Plants, Distributor Operators on Trucks, Tampers, Self-Propelled Power Broom, Striping Machine (Motor Driven), Form Tamper, Bulk Cement Plant Equipment Greaser, Deck Hands, Truck Crane Oiler_Driver, Cement Blimps, Form Grader, Temporary Heat, Throttle Valve, Farm Tractor, Super Sucker (and Similar Type of Equipment).

ENGI0965-002 05/01/2015

ADAMS, BROWN, CASS, CHRISTIAN, DE WITT, LOGAN, MACON, MENARD, MORGAN, PIATT, PIKE, SANGAMON, SCHUYLER, SCOTT, and SHELBY COUNTIES

	Rates	Fringes
Operating Engineers:		
Group 1	$ 39.75	21.30
Group 2	$ 35.54	21.30
Group 3	$ 29.06	21.30
Group 4	$ 41.25	21.30

PREMIUM PAY -

CRANES WITH BOOMS 120-200 ft. 1.00 per hour;

.02 Per Foot for each foot above 200

MULTIPLE UNIT MACHINE - 1.00 per hour;

UNDERGROUND WORK - 1.00 per hour;

UNDER AIR PRESSURE - 1.00 per hour;

HAZARDOUS WASTE OR ASBESTOS REMOVAL PROJECTS - 1.00 per hour for Level C work;

1.50 per hour for Level B work;

2.00 per hour for Level A work;

LONG BOOM ON A STATIONARY CRANE 1.00 per hour above long Boom Scale

Level A: (highest level of repiratory, skin, and eye protection)

Level B: (same as Level A, but a lower level of skin protection)

Level C: (same as Level B, but a lower level of respiratory protection)

OPERATING ENGINEER CLASSIFICATIONS:

GROUP 1: Asphalt Plant Engineer; Asphalt screed man; Apsco concrete spreader; Asphalt paver; Asphalt roller on bituminous contrete; Athey loaders; Cableways; Cherry Picker; Clam Shell; C.M.I. & Similar Type Autograde Formless Paver, Autgrade Placer & Finisher; Concrete Breaker; Concrete plant Oper; Concrete Pumps; Cranes; Derricks; Derrick boats; Draglines; Earth auger boring machine, Elevating Graders; Engineers on dredge; Gravel processing machines; Head equipment greaser; High lift or fork lift; Hoist with two drums or 2 or more loadlines; Locomotive; Mechanics; Motor graders or auto patrols; Operators or levelman on dredges; Power boat oper; Pug mill operator; (Asphalt plat); Orange peels; Overhead cranes; Paving mixer; Piledrivers; Pipe wraper & Painting machines; Push dozers, or Push cats; Rock crusher; Ross carrier or similar machine; Scoops; Skimmers 2 cu yd capacity & Under: Sheep foot roller (self propelled); Shovels; Skimmer; Scoops; Test hole drilling machines; Tower machine; Tower mixer; Track Tupe & Loaders; Track type forklifts or high lifts; Track jacks & Tampers; Trackors; Sideboom; Trenching machine; Ditching machine; Tunnel lugger; Wheel type end loader; Winch cat; Scoops (All or tournapull).

GROUP 2: Asphalt booster & Heater; Asphalt distributor; Asphalt plant fireman;Building Elevator; Bull float or flexplane; Concrete finshing machine; Concrete saw, self propelled; Concrete spreader machine; Gravel or stone spreader, Power operated; Hoist automatic; Hoist with one drum & one load line; Oiler on 2 paving mixers when used in tandem boom or winch truck; Ost hole diggers; Mechanical; Road or street sweeper, Self-propelled; Scissors hoist; Seaman tiller; Straw machine; Vibratory compactor; Well drill machine; & Mud jacks.

GROUP 3: Air compressor, Track or self-propelled; Bulk cement batching- plants; Conveyors; Concrete mixers (Except Plant, Paver, Tower) Firement, Generators; Greasers; Light plants; Mechanical theater; Oilers; Power from graders; Power sub-grader; Pug mill, When used other than asphalt operation; Roolers (Except bituminous); Tractors w/o Power attachments regardless of size or type; Truck crane oiler; & driver (one man); Vibratory hammer; Water pump; Welding machine (one 300 amp or over) Combinations of five of any

air compressors; Conveyors, Welding Machines, Water pumps; Light plants or Generators shall be in batteries or with in 300 ft.

Group 4: Lattice Boom crawler crane, Lattice Boom truck crane, Telescopic truck mounted crane, Tower crane.

IRON0022-006 06/01/2015

CLARK, COLES, CUMBERLAND, EDGAR, SHELBY, AND VERMILION COUNTIES

	Rates	Fringes
IRONWORKER	$ 30.39	19.75

IRON0046-002 08/01/2015

BROWN, CASS, CHRISTIAN, DEWITT (Western Half), LOGAN, MACON (Except portion East of Decatur), MASON, MENARD, MORGAN, PIKE, SANGAMON, SCHUYLER (Eastern Half), SCOTT, AND SHELBY (Western Half) COUNTIES

	Rates	Fringes
IRONWORKER	$ 31.42	23.19

IRON0380-003 05/01/2015

MACON COUNTY (East of Decatur)

	Rates	Fringes
IRONWORKER	$ 32.21	21.06

IRON0577-004 06/01/2014

ADAMS and SCHUYLER (Western Half) COUNTIES

	Rates	Fringes
IRONWORKER	$ 25.25	18.70

LABO0159-003 05/01/2015

CLARK, COLES, CUMBERLAND, DOUGLAS, EDGAR, MACON, MOULTRIE, AND SHELBY COUNTIES

	Rates	Fringes
LABORER	$ 29.55	20.38

LABO0231-009 05/01/2014

ADAMS COUNTY

	Rates	Fringes

LABORER.....$ 25.07 21.55

LABO0231-011 05/01/2014

BROWN, MASON, PIKE, AND SCHUYLER COUNTIES

	Rates	Fringes
LABORER	$ 25.57	21.05

LABO0477-002 05/01/2015

MENARD AND SANGAMON COUNTIES

	Rates	Fringes
LABORER	$ 28.47	20.40

LABO0477-004 05/01/2015

CHRISTIAN COUNTY

	Rates	Fringes
LABORER	$ 28.47	20.40

LABO0477-005 05/01/2015

LOGAN COUNTY

	Rates	Fringes
LABORER	$ 28.47	20.40

LABO0477-009 05/01/2015

CASS, MORGAN, AND SCOTT COUNTIES

	Rates	Fringes
LABORER	$ 28.47	20.40

LABO0703-002 05/01/2015

CHAMPAIGN, DE WITT, and PIATT COUNTIES

	Rates	Fringes
LABORER	$ 30.31	20.02

LABO0703-008 05/01/2015

VERMILION COUNTY

	Rates	Fringes
LABORER	$ 30.31	20.02

PAIN0058-008 05/01/2014

PIKE COUNTY

	Rates	Fringes
Painter, Bridge	$ 30.54	15.98

Epoxy or Toxic-Lead-Based Paint Work-$1.00 Premimum

PAIN0090-002 05/01/2015

ADAMS, BROWN, CASS, LOGAN, MENARD, MORGAN, and SCOTT COUNTIES

	Rates	Fringes
PAINTER	$ 30.38	15.88

Epoxy or Toxic-Lead-Based Paint Work-$1.00 Premimum

PAIN0090-006 05/01/2015

Sangamon County

	Rates	Fringes
PAINTER	$ 30.38	15.88

Epoxy or Toxic-Lead-Based Paint Work-$1.00 Premimum

PAIN0157-003 07/01/2015

MASON AND SCHULYER COUNTIES

	Rates	Fringes
PAINTER		
Brush, Spray, Pressure Roller, Sandblasting, Bridges, & New Structural Steel Work	$ 34.60	19.85

PAIN0288-002 05/01/2015

DE WITT, MACON, MOULTRIE, PIATT, and SHELBY COUNTIES

	Rates	Fringes
PAINTER		
Paperhanging and Drywall Taping	$ 28.25	18.02
Spray and Sandblasting	$ 29.00	18.02

Epoxy or Toxic-Lead-Based Paint Work-$1.00 Premimum

PAIN0363-001 05/01/2015

CHAMPAIGN, COLES, CUMBERLAND, DOUGLAS, and VERMILION COUNTIES

	Rates	Fringes
PAINTER	$ 35.16	12.58

Epoxy or Toxic-Lead-Based Paint Work-$1.00 Premimum

PAIN1705-002 05/01/2015

CLARK and EDGAR COUNTIES

	Rates	Fringes
PAINTER		
Blasting, Spraying & Pressure Washing	$ 27.30	19.02
Brush & Roller and Wall Covering Drywall Preparing	$ 26.30	19.02

Epoxy or Toxic-Lead-Based Paint Work-$1.00 Premimum

PLAS0018-003 05/01/2012

DEWITT (North of Route 10)

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 31.00	17.48

PLAS0018-021 05/01/2013

DE WITT (South of Route 10) & MACON COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 27.87	18.83

PLAS0018-032 05/31/2011

ADAMS, BROWN, CASS, CHRISTIAN, MENARD, PIKE, and SANGAMON COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 23.85	18.75

PLAS0143-003 05/01/2015

CHAMPAIGN, CLARK, COLES, CUMBERLAND, DOUGLAS, EDGAR, MOULTRIE, PIATT, SHELBY, AND VERMILION COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 31.51	17.50

TEAM0065-007 05/01/2013

CHAMPAIGN, COLES, CUMBERLAND, DEWITT, DOUGLAS, MASON, MOULTRIE (East of a line from the Northeast corner of the county extending Southeast in the direction of Findlay (Shelby County) to a point that intersects the Shelby County line), PIATT (East of a line from where the DeWitt County line intersects Route 10

in a Southeast direction towards the Southeast corner of the county), SHELBY (East of an imaginary line beginning at the Northeast border with Moultrie County extending Southwest in the direction of Findlay and continuing to an imaginary point 2.5 miles South of Middlesworth that parallels the Cumberland County line), and VERMILION COUNTIES

	Rates	Fringes
TRUCK DRIVER		
Group 1	$ 32.04	10.70+a
Group 2	$ 32.50	10.70+a
Group 3	$ 32.72	10.70+a
Group 4	$ 33.02	10.70+a
Group 5	$ 33.88	10.70+a

FOOTNOTE: a. $201.20 per week

CLASSIFICATIONS:

GROUP 1: Drivers on 2 axles hauling less than 9 tons; air compressor & welding machines and brooms, including those pulled by separate units; Truck Driver Helper, warehouse employees; Mechanic Helpers; greasers and tiremen; pick-up trucks when hauling material, tools, or workers to and from and on the job site; and forklifts up to 6,000 lb capacity.

GROUP 2: 2 or 3 axles hualing more than 9 tons but hauling less than 16 tons; A-frame winch trucks; hydrolift trucks; Vactor Trucks or similar equipment when used for transportation purposes; Forklift over 6,000 lb.capacity; winch trucks; and four axle combiation units.

GROUP 3: 2, 3 or 4 Axles hauling 16 tons or more; 5-Axles or more combination units; drivers on water pulls; articulated dump trucks; mechanics and working forepersons.

GROUP 4: Low Boy and Oil Distributors.

GROUP 5: Drivers who require special protective clothing while employed on hazardous waste work.

TEAM0065-012 05/01/2013

ADAMS, BROWN, CASS, CHRISTIAN, LOGAN, MACON, MENARD, MORGAN, MOULTRIE (West of a line from the Northeast corner extending straight Southeast inthe direction of Findlay - Shelby County - to a point that intersects the Shelby County line), PIATT (West of a line frome where the DeWitt County line intersects Route 10 in a Southeast direction towards the Southeast corner of the county), PIKE, SANGAMON, SCHUYLER, SCOTT, and SHELBY (West of an imaginary line beginning at the Northeast border with Moultrie County extending Southwest in the direction of Findlay and continuing to the same point 2.5 miles South of Middlesworth then towards the Northeast corner of Fayette County) COUNTIES

	Rates	Fringes
TRUCK DRIVER		
Group 1	$ 30.87	17.00
Group 2	$ 31.34	17.00
Group 3	$ 31.56	17.00
Group 4	$ 31.86	17.00
Group 5	$ 32.71	17.00

CLASSIFICATIONS:

GROUP 1: Drivers on 2 axles hauling less than 9 tons; air compressor & welding machines and brooms, including those pulled by separate units; Truck Driver Helper, warehouse employees; Mechanic Helpers; greasers and tiremen; pick-up trucks when hauling material, tools, or workers to and from and on the job site; and forklifts up to 6,000 lb capacity.

GROUP 2: 2 or 3 axles hualing more than 9 tons but hauling less than 16 tons; A-frame winch trucks; hydrolift trucks; Vactor Trucks or similar equipment when used for transportation purposes; Forklift over 6,000 lb.capacity; winch trucks; and four axle combiation units.

GROUP 3: 2, 3 or 4 Axles hauling 16 tons or more; 5-Axles or more combination units; drivers on water pulls; articulated dump trucks; mechanics and working forepersons.

GROUP 4: Low Boy and Oil Distributors.

GROUP 5: Drivers who require special protective clothing while employed on hazardous waste work.

TEAM0135-008 05/01/2015

CLARK and EDGAR COUNTIES

	Rates	Fringes
TRUCK DRIVER		
Group 1	$ 32.95	11.10+a
Group 2	$ 33.35	11.10+a
Group 3	$ 33.55	11.10+a
Group 4	$ 33.80	11.10+a
Group 5	$ 34.55	11.10+a

FOOTNOTE: a. $31.00 per day

CLASSIFICATIONS:

Group 1 - Drivers on 2 axle truckshauling less than 9 ton; Air compressor and welding machines and brooms, including those pulled by separate units; Truck Driver Helpers; Warehouse employees; Mechanic helpers; Greasers and tiremen; fork lifts up to 6,000 pounds capacity

Group 2 - 2 or 3 axle trucks hauling more than 9 ton but hauling less than 16 ton; A-frame winch trucks; Hydrolift trucks; Vactor trucks or similar equipment when used for

transportation purposes; Fork lifts over 6,000 pound capacity; Winch trucks; 4 axle combination units; In the event the Employer desires to use ticket writers that classification shall come under Group II

Group 3 - 2, 3, or 4 axle trucks hauling 16 ton or more; Drivers on water pulls; Articulated Dump Trucks; Mechanics and working forepersons; 5 axle or more combination units

Group 4 - Low Boy; Oil Distributors

Group 5 - Drivers who require special protective clothing while employed on hazardous waste work.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION