



Wisconsin Department of Transportation

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

November 25, 2019

NOTICE TO ALL CONTRACTORS:

Proposal # 29: 1198-03-74, WISC 2019 752
C Superior, East Second Street
2nd Avenue East To 31st Avenue East
USH 002
Douglas County

Letting of December 10, 2019

This is Addendum No. 01, which provides for the following:

Plan Sheets:

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
268A	SDD - Concrete Curb, Ties And Curb And Gutter Applications
299A	SDD - Concrete Pavement Longitudinal Joints And Ties
299B	SDD - Urban Doweled Concrete Pavement

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Added: 268A, 299A, and 299B.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM

GENERAL NOTES

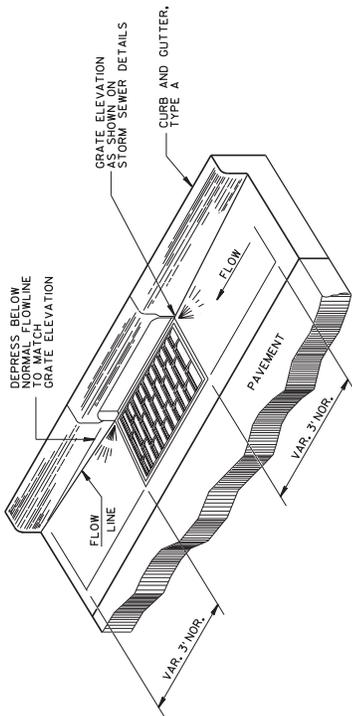
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

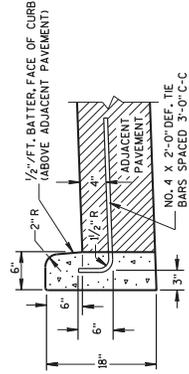
① TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTI.

② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE UPGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

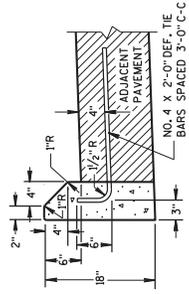
③ REFER TO SDD 8018 AND SDD 8019 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



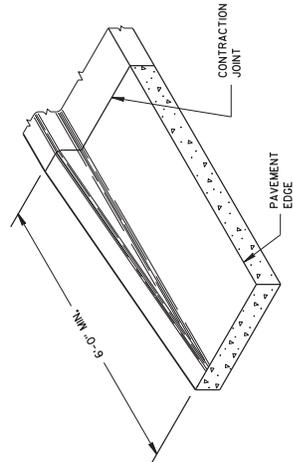
DETAIL OF CURB AND GUTTER AT INLETS
(TYPE H INLET COVER SHOWN)



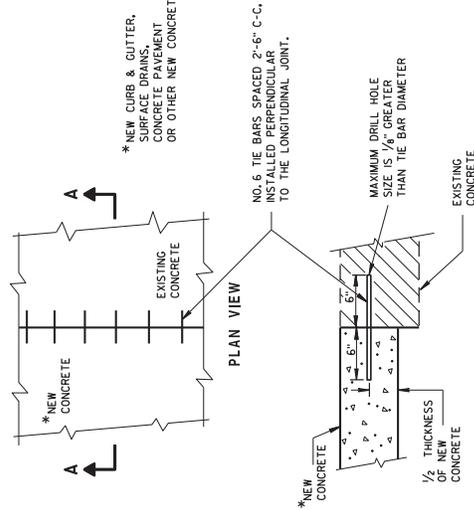
TYPES A & D



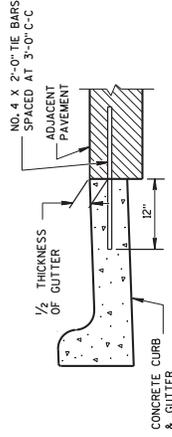
TYPES G & J



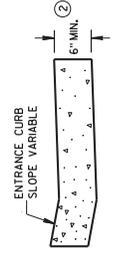
END SECTION CURB & GUTTER



CONCRETE CURB



TYPICAL TIE BAR LOCATION

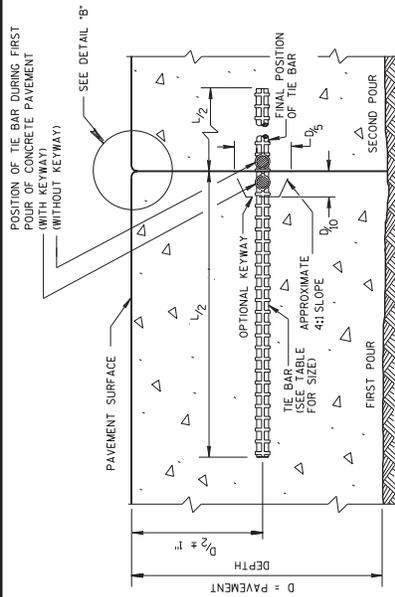


CONCRETE CURB, TIES
CURB AND GUTTER APPLICATIONS
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
APPROVED
DATE: June, 2017
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
DATE: _____
UNIT SUPERVISOR
DATE: _____
UNIT SUPERVISOR
DATE: _____
UNIT SUPERVISOR

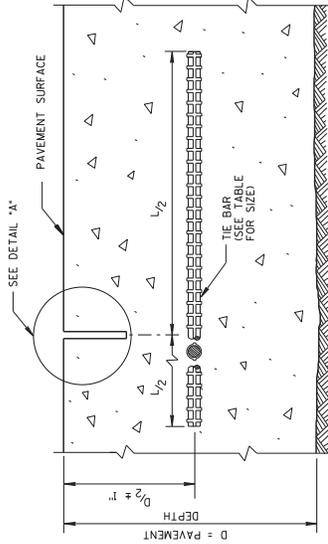
Addendum No. 01
ID 1198-03-74
Added Sheet 268A
November 25, 2019

GENERAL NOTES

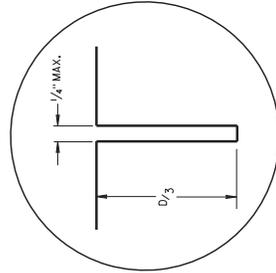
- 1. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.
 - 2. PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.
- CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.



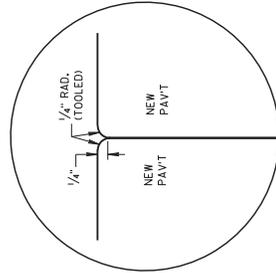
CONSTRUCTION JOINT



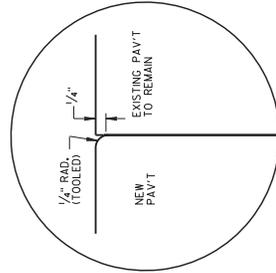
SAWED JOINT



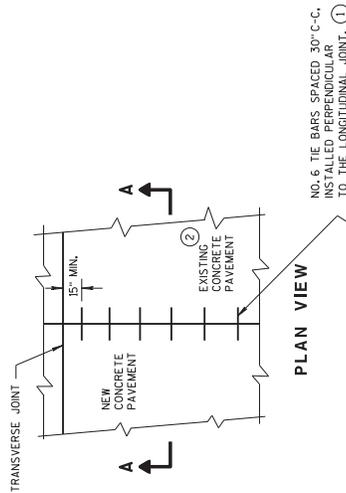
DETAIL "A"



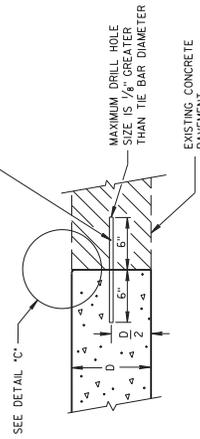
DETAIL "B"



DETAIL "C"



PLAN VIEW

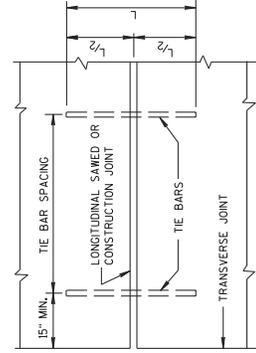


**SECTION A-A
LONGITUDINAL CONSTRUCTION JOINT
TIE BARS ANCHORED
INTO EXISTING PAVEMENT**

TIE BAR TABLE			
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30' AT TRANSVERSE JOINTS.



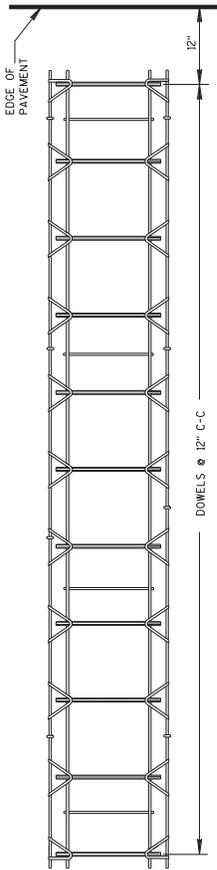
**PLAN VIEW
SHOWING LOCATION OF TIE BARS**

Addendum No. 01
ID 1198-03-74
Added Sheet 299A
November 25, 2019

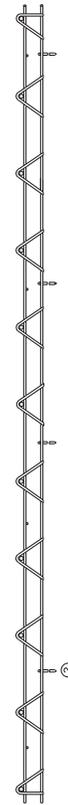
**CONCRETE PAVEMENT
LONGITUDINAL JOINTS AND TIES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

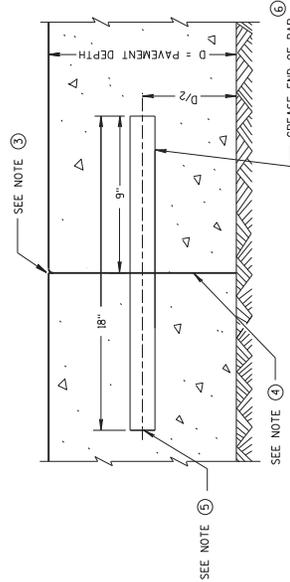
APPROVED _____
Mcr-ch 2008 /S/ Peter Kemp, P.E.
DATE PAVEMENT SUPERVISOR
FHWA



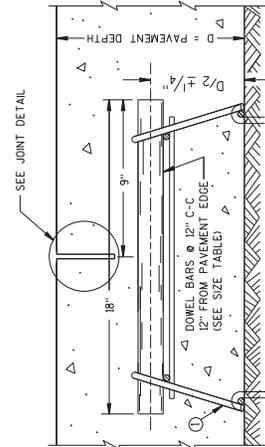
PLAN VIEW



CONTRACTION JOINT DOWEL ASSEMBLY



TRANSVERSE CONSTRUCTION JOINT



DOWELED CONTRACTION JOINT

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 1/2" - 6 1/2"	NONE	12'
7" - 7 1/2"	1"	14'
8" - 8 1/2"	1 1/4"	15'
9" - 9 1/2"	1 1/2"	15'
10" & ABOVE	1 1/2"	15'

GENERAL NOTES

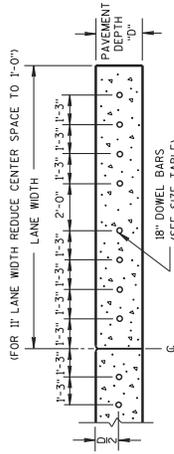
CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
 INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.
 FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES AND A MAXIMUM OF 18 INCHES FROM THE LONGITUDINAL JOINT AND THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

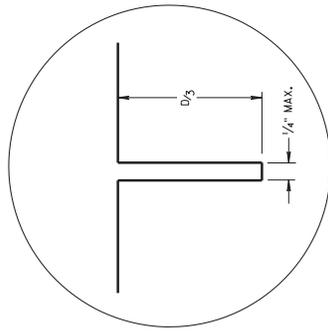
LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.

- OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTING CONTRACTION JOINTS.
- SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.
- FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A 1/4-INCH RADIUS AT FORMED JOINTS.
- PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.
- INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C-C AND 12 INCHES FROM PAVEMENT SURFACE. DRILLED DOWEL BARS SHALL BE CONCRETE FROM THE END OF THE DOWEL BAR TO THE END OF THE DOWEL BAR. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES TO INSTALL DRILLED DOWEL BARS ACCORDING TO *DRILLED DOWEL BAR CONSTRUCTION JOINT* DETAIL.
- APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.
- ANCHOR DOWEL BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS 1/8-INCH GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.

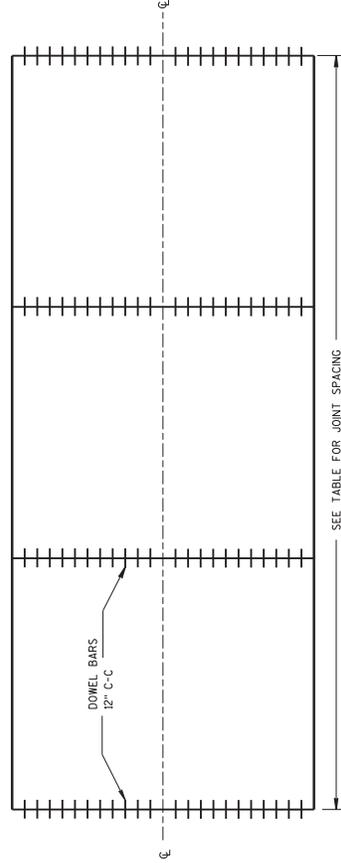


DRILLED DOWEL BAR CONSTRUCTION JOINT

Addendum No. 01
 ID 1198-03-74
 Added Sheet 299B
 November 25, 2019



JOINT DETAIL



SEE TABLE FOR JOINT SPACING

CONTRACTION JOINT LOCATIONS

URBAN DOWELED
 CONCRETE PAVEMENT

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

APPROVED
 Mgr-Ch 2018
 DATE: _____
 /S/ Peter Kemp, P.E.
 PAVEMENT SUPERVISOR
 FHWA