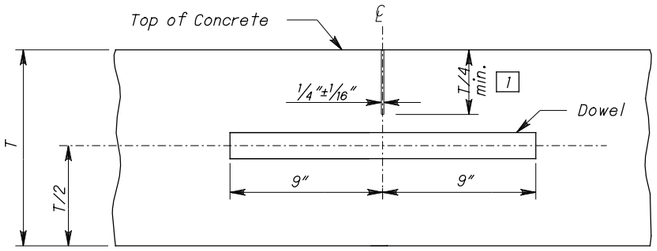
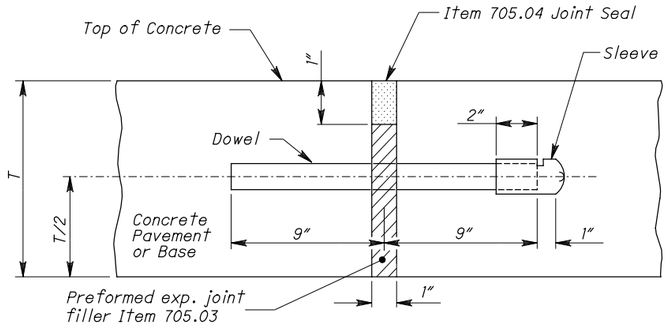


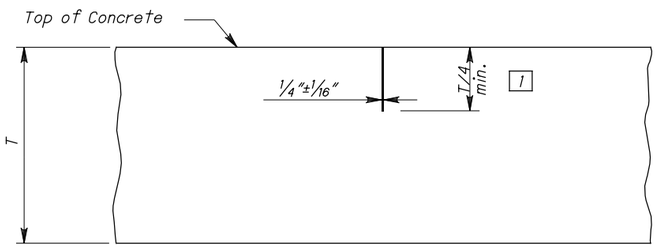
ITEM 451, 452 & 305



SECTION THROUGH EXP. JOINT

LEGEND

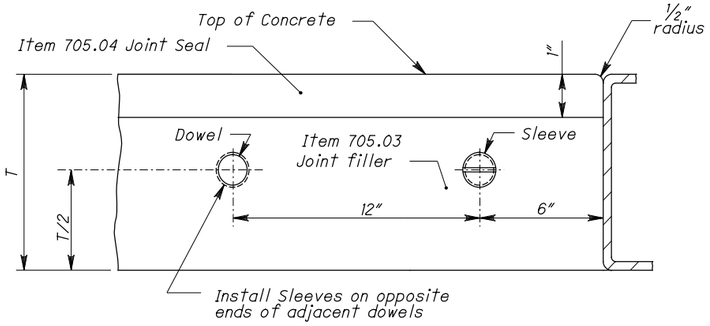
1 Where T > 10", the sawcut depth shall be T/3. If using early entry saws, cut joints 2¼" to 2½" deep and ⅛" wide.



ITEM 452 and 305

(for shoulders, alleys, driveways, etc.)

CONTRACTION JOINTS SECTIONS



SIDE ELEVATION OF EXP. JOINT

(through Concrete Pavement or Base)

EXPANSION JOINTS

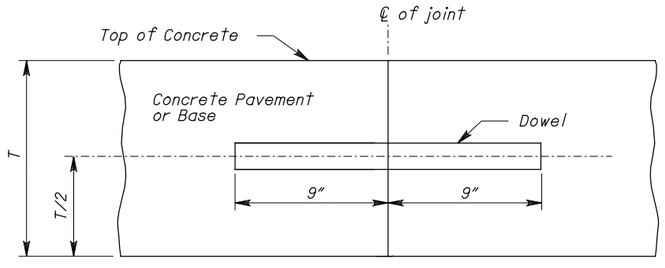
NOTES

GENERAL: Notes and details shown on this drawing shall be considered in conjunction with and supplemental to the pertinent specifications for portland cement concrete pavement and bases, and related incidentals.

JOINT COMPONENTS: This drawing is intended for use with a uniform depth pavement. When the project involves the placing of variable depth pavement, the joint components shall be held in place in accordance with the method shown in the plans or as approved by the Engineer.

CONTRACTION JOINTS: Contraction joints in Items 452 and 305 shall not be dowelled in alleys, private drives, or commercial drives.

Contraction joints of the type specified shall be spaced in accordance with the CONTRACTION JOINT SPACING Table.



SECTION THROUGH CONSTRUCTION JOINT

CONSTRUCTION JOINT

CONTRACTION JOINT SPACING	
Types of Pavement or Base	Maximum Spacing Between Joints
Item 451 Reinforced Concrete Pavement	21′
Item 452 Non-Reinforced Concrete Pavement	15′
Item 305 Concrete Base	15′

OFFICE OF PAVEMENT ENGINEERING

REVISIONS
01-15-2021
07-18-2008
07-16-2004
07-28-2000
10-21-1997
04-08-1997
10-28-1994
02-21-1992

STDS ENGINEER
W. Feehan

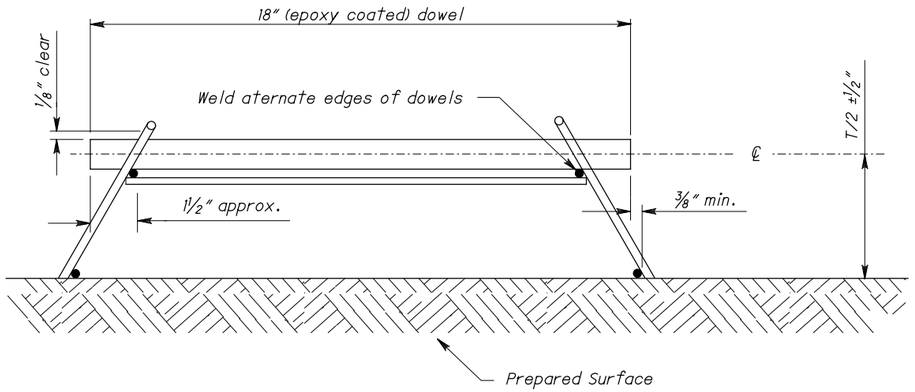
STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR
Craig Landefeld

TRANSVERSE PAVEMENT JOINTS

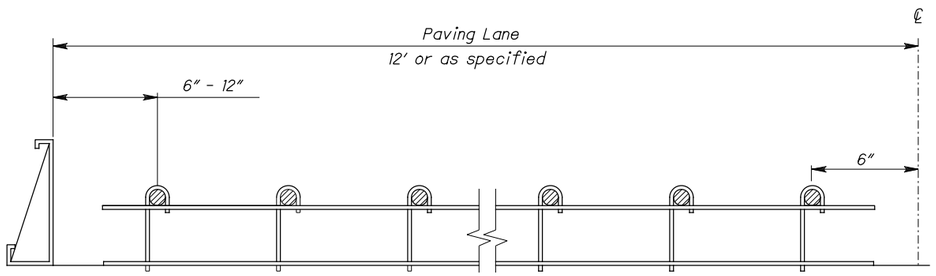
DESIGN AGENCY

SCD NUMBER
BP-2.2

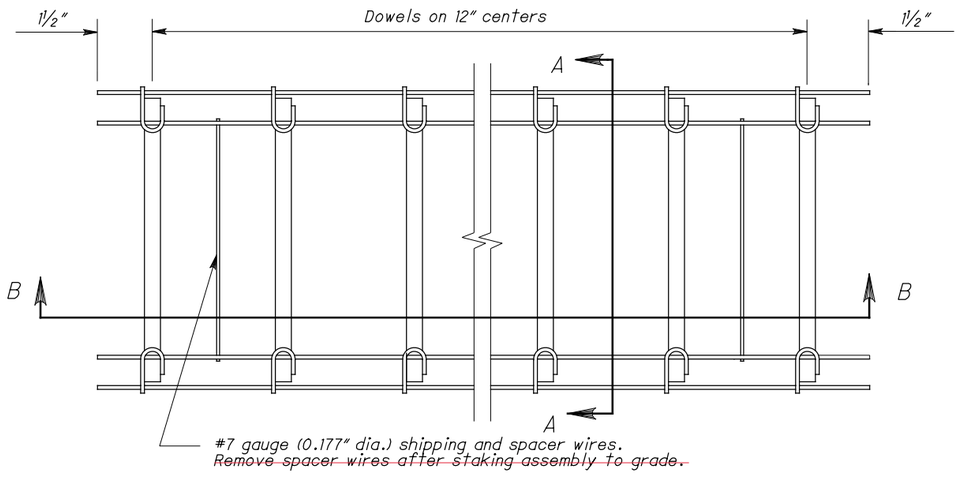
SHEET 1 TOTAL 2



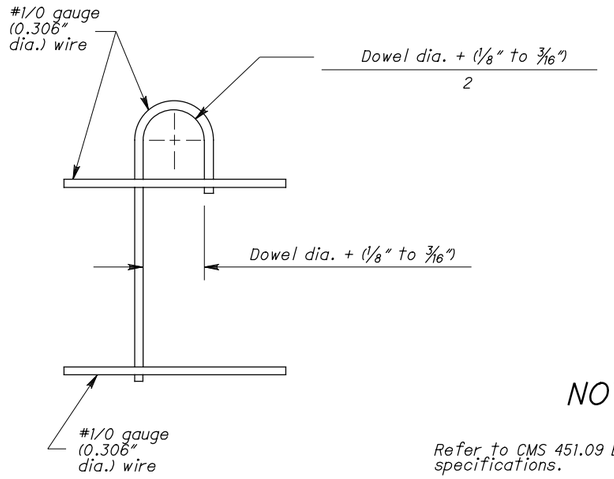
SECTION A-A



SECTION B-B



PLAN VIEW



J-LEG DETAIL
(ALTERNATE)

NOTES

Refer to CMS 451.09 B and 709.13 for dowel specifications.

1) Wire sizes shown are minimum required.

2) All wire intersections are to be welded.

3) Stakes typically applied at working ends of dowel.

4) TOLERANCES:

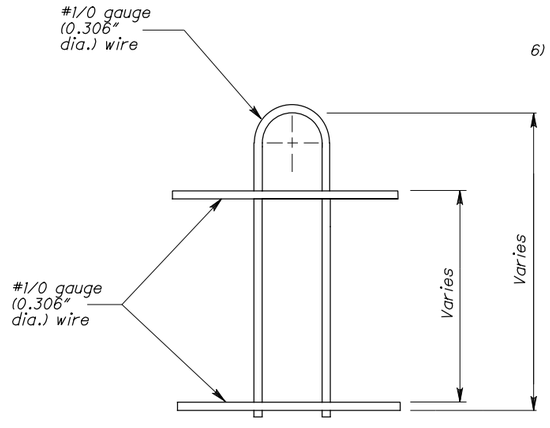
5) A) ±¼" per foot unless otherwise specified.

   B) Centerline of individual dowels shall be parallel to each other, the surface and the centerline of the slab.

   C) On centers should be ±½".

   D) Dowels should be placed at mid-depth of slab.

6) J-Leg or U-Leg to be installed on inside or outside of subframe.



U-LEG DETAIL

OFFICE OF PAVEMENT ENGINEERING

REVISIONS
01-15-2021
07-18-2008
07-16-2004
07-28-2000
10-21-1997
04-08-1997
10-28-1994
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STDS ENGINEER
W. Feehan

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TRANSVERSE PAVEMENT JOINTS

DESIGN AGENCY

SCD NUMBER
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SHEET 2 TOTAL 2