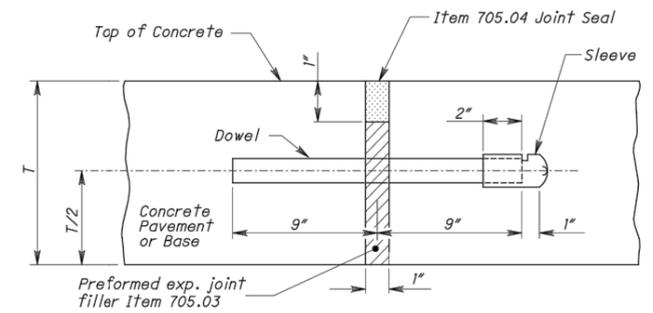
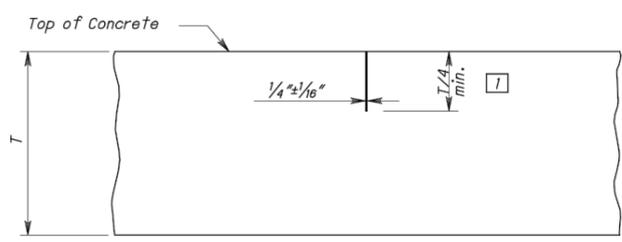


ITEM 451, 452 & 305

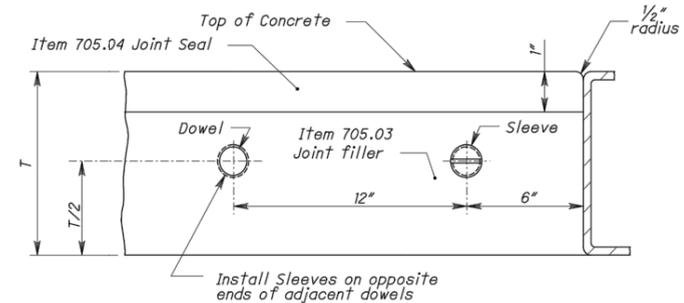


SECTION THROUGH EXP. JOINT



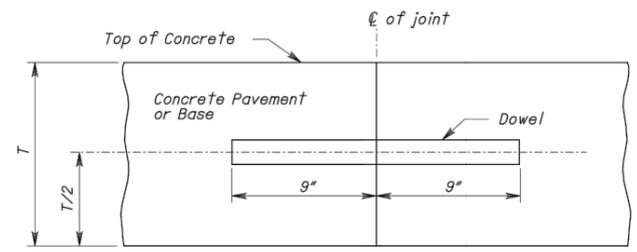
ITEM 452 and 305
(for shoulders, alleys, driveways, etc.)

CONTRACTION JOINTS SECTIONS



SIDE ELEVATION OF EXP. JOINT
(through Concrete Pavement or Base)

EXPANSION JOINTS



SECTION THROUGH CONSTRUCTION JOINT

CONSTRUCTION JOINT

LEGEND

1 Where T > 10", the sawcut depth shall be T/3.
If using early entry saws, cut joints 2/4" to 2/2" deep and 1/8" wide.

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.

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

STD'S ENGINEER
W. Feehan

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
ADMINISTRATOR
Craig Landefeld

TRANSVERSE PAVEMENT JOINTS



DESIGN AGENCY
SCD NUMBER
BP-2.2
SHEET TOTAL
1 2



CITY OF ALLIANCE
ENGINEERING DEPARTMENT
504 E. MAIN ST.
ALLIANCE, OH 44601
PHONE: (330) 823-5122 FAX: (330) 829-2236

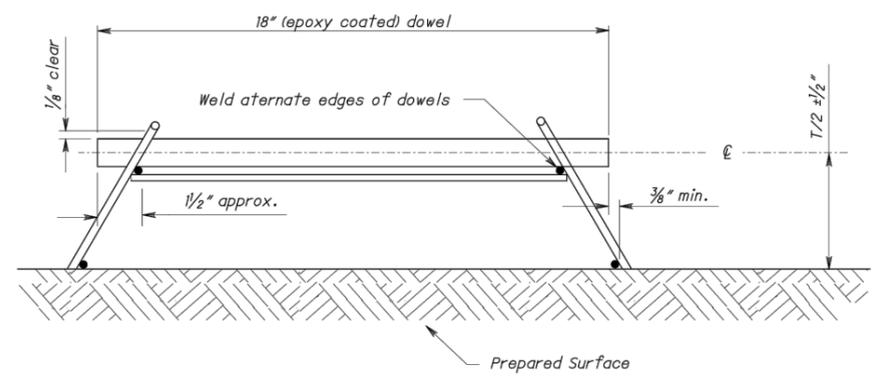
TRANSVERSE CONCRETE PAVEMENT
JOINT DETAILS
NOT TO SCALE
ENGSERV1 / E:/ DATA / ENGINEERING DOCUMENTS / STANDARD DRAWINGS / RD-5.DWG

APPROVED BY:

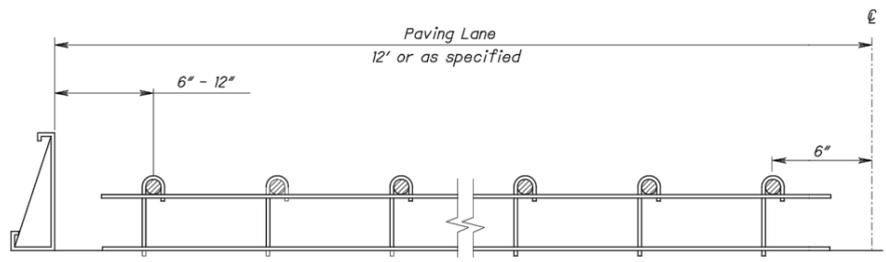
VINCENT MUESER, P.E., S.I.T.
ALLIANCE CITY ENGINEER

ALLIANCE RD-5
(1 OF 2)

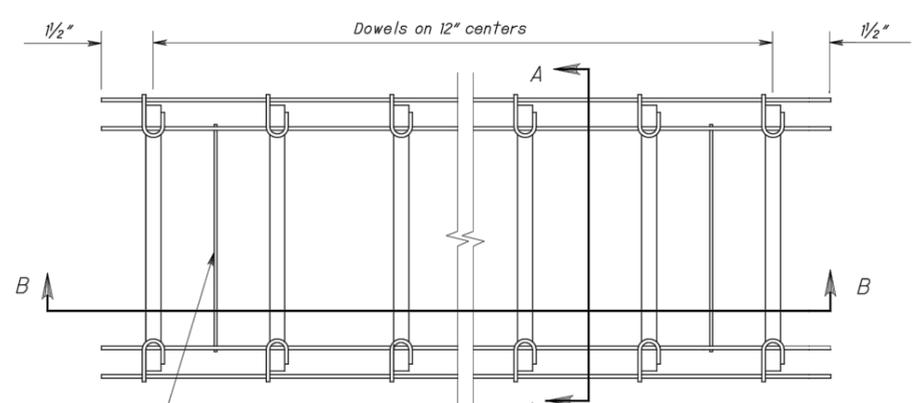
Revisions / Drawn By
02-19-10 / CAF
01-28-22 / ANP



SECTION A-A

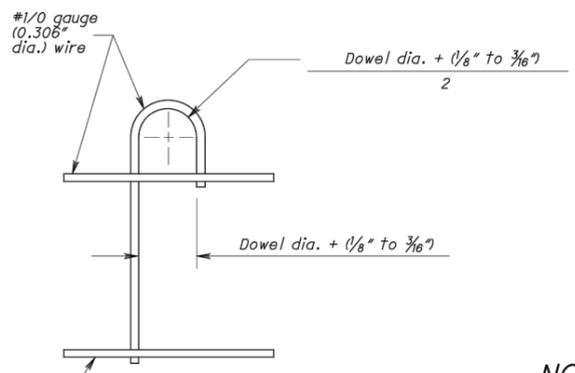


SECTION B-B

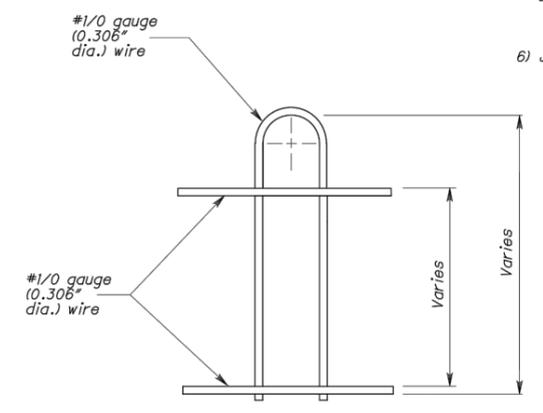


#7 gauge (0.177" dia.) shipping and spacer wires.
Remove spacer wires after staking assembly to grade.

PLAN VIEW



J-LEG DETAIL
(ALTERNATE)



U-LEG DETAIL

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:
 - A) $\pm 1/4$ " 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 $\pm 1/2$ ".
 - 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.

OFFICE OF
PAVEMENT
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02-21-1992

STDS ENGINEER
W. Feehan

STATE OF OHIO DEPARTMENT OF
TRANSPORTATION ADMINISTRATOR
Craig Landefeld

TRANSVERSE PAVEMENT JOINTS



SCD NUMBER	BP-2.2
SHEET	2
TOTAL	2



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**TRANSVERSE CONCRETE PAVEMENT
JOINT DETAILS**
NOT TO SCALE
ENGSERV1 / E:/ DATA / ENGINEERING DOCUMENTS / STANDARD DRAWINGS / RD-5.DWG

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ALLIANCE RD-5
(2 OF 2)

Revisions / Drawn By

02-19-10 / CAF
01-28-22 / ANP