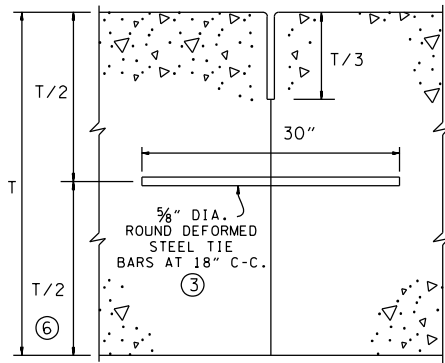
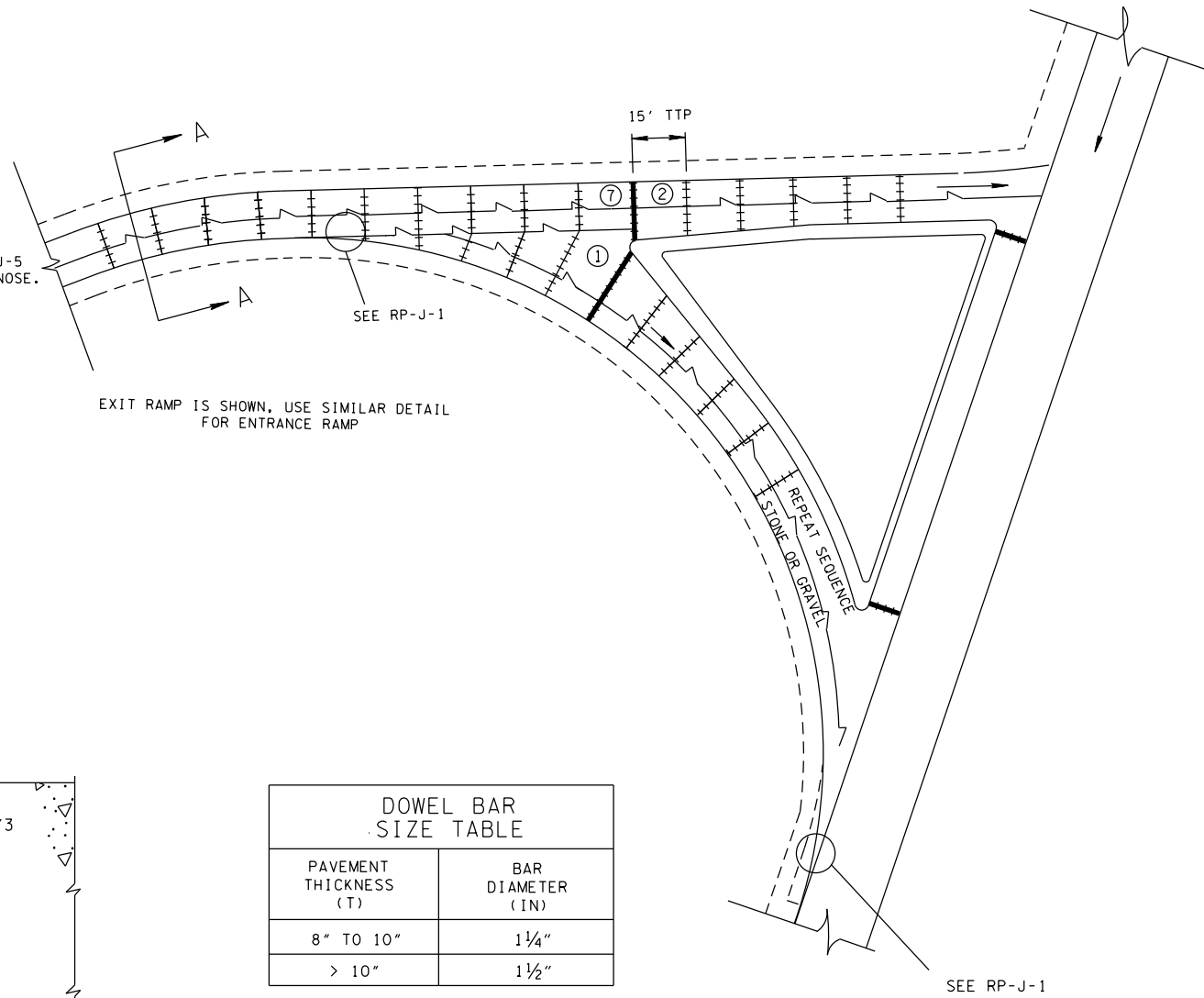
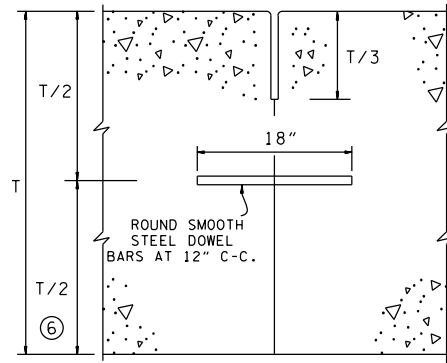


SECTION A-A

SEE STANDARD
DRAWING NO. RP-J-5
FOR DETAILS AT NOSE.

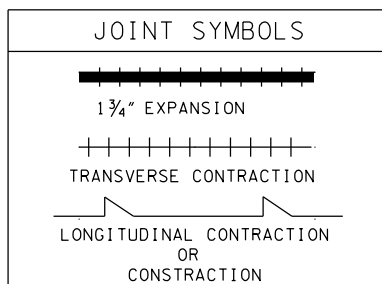


TIE BAR DETAIL FOR
LONGITUDINAL CONTRACTION JOINTS
FOR JOINT SEAL DETAILS SEE DRAWING RP-J-15



DOWEL BAR DETAIL FOR
TRANSVERSE CONTRACTION JOINTS
FOR JOINT SEAL DETAILS SEE DRAWING RP-J-9

DOWEL BAR SIZE TABLE	
PAVEMENT THICKNESS (T)	BAR DIAMETER (IN)
8" TO 10"	1 1/4"
> 10"	1 1/2"



CROSS-REFERENCE DRAWINGS FOR THIS
SHEET: RP-J-1, RP-J-5, RP-J-9,
RP-J-11, RP-J-13, RP-J-15, RP-J-17,
RP-J-18 AND RP-J-19.

FOOTNOTES

- ① SKEW JOINTS WITH TURNING RADII WHEN LENGTH OF JOINT IS GREATER THAN 8'.
- ② UNLESS OTHERWISE NOTED IN THE PLANS, THE TRANSVERSE CONTRACTION AND EXPANSION JOINTS SHALL BE SKEWED AT 90° TO THE ROADWAY CENTERLINE OR BASELINE.
- ③ NO TIE BARS SHALL BE PLACED WITHIN 18" OF TRANSVERSE JOINT.
- ④ LONGITUDINAL CONTRACTION JOINT MAY BE USED INSTEAD OF THE LONGITUDINAL CONTRACTION JOINT (RP-J-15).
- ⑤ CONSTANT ROADWAY SLOPE SHOULD BE USED, INCLUDING ON SHOULDERS, REFER TO RD01-TS-4 FOR INFORMATION PERTAINING TO RAMP DESIGN
- ⑥ MAX. HORIZONTAL AND VERTICAL TOLERANCE FOR DOWEL AND TIE BARS IS 1".
- ⑦ UNLESS OTHERWISE NOTED IN THE PLANS, THE LONGITUDINAL CONTRACTION JOINTS, IS TO END WHEN IT REACHES THE EXPANSION JOINT.

REV. 1-31-83: ADDED JOINT SKEW
NOTE.

REV. 6-23-88: DELETED JOINT
SKEW.

REV. 3-20-91: REDREW SHEET AND
CHANGED JOINT SPACING FOR
CONCRETE PAVEMENT USING STONE.
ADDED FOOTNOTE NO. ③.

❑ REV. 12-18-94: CHANGED
DRAWING REFERENCE NUMBER IN
CROSS-REFERENCE BLOCK.

❑ REV. 10-26-00: CHANGED VARIABLE
JOINT SPACING TO 15' CONSTANT.

REV. 1-30-12: ADDED LONGITUDINAL
CONTRACTION JOINT DETAILS.

❑ REV. 7-14-14: UPDATED DOWEL BAR
DETAIL.

❑ MINOR REVISION -- FHWA
APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CONCRETE RAMP
JOINT TYPES AND
SPACING

RP-J-7