LONGITUDINAL SAW-CUT JOINT DETAIL

SEALANT RESERVOIR

TIE BAR

TOP OF SLAB

0.5L

TRANSVERSE SAW-CUT JOINT DETAIL

SEALANT RESERVOIR

Dowel

TOP OF SLAB

0.5L

TRANSVERSE CONSTRUCTION JOINT DETAIL

SEALANT RESERVOIR

CONSTRUCTION JOINT

TOP OF SLAB

0.5T

LONGITUDINAL CONSTRUCTION JOINT DETAIL

HOT-POURED JOINT SEALANT

BACKER ROD (UNCOMPRESSED DIAMETER = 1/2")

1/2" INITIAL SAW CUT (DELETE AT CONSTRUCTION JOINTS)

SEALANT DETAIL - TRANSVERSE AND LONGITUDINAL JOINT

- 0.3T (1/2" P.C.C. PAVEMENT)
- 0.4T (1 1/2" P.C.C. PAVEMENT)

NOTES:


2. "T" REFERS TO THE ACTUAL CONSTRUCTED SLAB THICKNESS.

3. TOLERANCES ON ALL JOINT SEALANT DETAIL DIMENSIONS SHOWN WITHOUT RANGES SHALL BE PLUS 1/8", MINUS 0".

4. THE TOP EDGES OF THE CONTACT SURFACES OF THE SEALANT MATERIAL ON BOTH SIDES OF THE JOINT RESERVOIR SHALL BE AT THE SAME ELEVATION.

5. TRANSVERSE JOINT MATERIAL SHALL BE PLACED BEFORE LONGITUDINAL JOINT MATERIAL; THE TRANSVERSE JOINT MATERIAL SHALL BE CONTINUOUS FOR THE FULL WIDTH OF ALL ADJACENT P.C.C. PAVEMENT SLABS.

6. LONGITUDINAL JOINT MATERIAL SHALL BE PLACED WITHOUT GAPS WHENEVER INTERRUPTED BY THE TRANSVERSE JOINT MATERIAL.

7. TRANSVERSE JOINT SEAL TO BE RECESSED 1/8" TO 1/4" BELOW THE TOP OF THE SLAB.

8. A 45° CAMBER SHALL BE CUT 1/8" TO 1/4" DEEP AT THE TOP OF THE SLAB ALONG BOTH SIDES OF THE TRANSVERSE SEALANT RESERVOIR.

9. USE KEYWAY WHEN HOOK BOLT, TIE BAR, OR W BOLT IS NOT USED.

10. DIMENSION FOR TRANSVERSE JOINTS IS 1/2" AND DIMENSION FOR LONGITUDINAL JOINT IS 1/4".

JOINT AND SEALANT DETAILS

DEPARTMENT OF TRANSPORTATION

STANDED NO. P-I (2018) SHT. 2 OF 5

DELWAER

APPROVED

RECOMMENDED

SIGNATURE ON FILE 1/4/2019

SIGNATURE ON FILE 11/20/2018

1/7/2019