LOGITUDINAL SAW-CUT JOINT DETAIL

TOP OF SLAB

SEALANT RESERVOIR

TIE BAR

5L

TRANSVERSE SAW-CUT JOINT DETAIL

TOP OF SLAB

SEALANT RESERVOIR

TIE BAR

TRANSVERSE CONSTRUCTION JOINT DETAIL

TOP OF SLAB

SEALANT RESERVOIR

DOWEL

LOGITUDINAL CONSTRUCTION JOINT DETAIL

TOP OF SLAB

KEYWAY (OPTIONAL)

SEALANT RESERVOIR

CONSTRUCTION JOINT

HOOK BOLT
(TIE BAR OR W BOLT MAY ALSO BE USED)

PREFORMED ELASTOMERIC COMPRESSION SEAL
(UNCOMPRESSED SEAL WIDTH: 3/4"
(19 mm)

SEALANT DETAIL - LONGITUDINAL JOINT

1/2 (3) INITIAL SAW CUT
(DELETE AT CONSTRUCTION JOINT)

NOTES:
1. AS DIMENSIONED, THE WIDTH OF THE TRANSVERSE SEALANT RESERVOIR IS APPLICABLE WHEN THE TEMPERATURE OF THE PAVEMENT SURFACE IS BETWEEN 59°F (15°C) AND 80°F (27°C). WHEN THE TEMPERATURE IS BELOW 59°F (15°C), THE SEALANT RESERVOIR SHALL BE CUT 1/2" (13 mm) WIDER. WHEN THE TEMPERATURE IS ABOVE 80°F (27°C), THE SEALANT RESERVOIR SHALL BE CUT 1/2" (13 mm) NARROWER.
2. "**" REFERS TO THE ACTUAL CONSTRUCTED SLAB THICKNESS.
3. TOLERANCE ON ALL JOINT SEALANT DETAIL DIMENSIONS SHOWN WITHOUT RANGES SHALL BE PLUS 1/4", MINUS 0.00.
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. THE LONGITUDINAL JOINT MATERIAL SHALL BE PLACED WITHOUT GAPS UNLESS INTERRUPTED BY THE TRANSVERSE JOINT MATERIAL.

DELAWARE
DEPARTMENT OF TRANSPORTATION

P.C.C. PAVEMENT

STANDARD NO. P-1 (2001)

SHT. 2 OF 5

APPROVED

RECOMMENDED

06/06/2001

06/18/01