


WITHOUT EXPANSION JOINT MATERIAL

NOTES:

- A MINIMUM OF 3 STAKES SHALL BE UNIFORMLY SPACED PER SIDE PER LANE.
 - THE COMPRESSIBLE CAP MATERIAL SHALL BE A NON-ADSORPTIVE, CLOSED CELL POLYETHYLENE FOAM. DOWEL CAPS TO BE INSTALLED AS PER MANUFACTURE'S RECOMMENDATION.
 - THE EXPANSION JOINT MATERIAL SHALL BE 12mm THICK, FULL DEPTH, PREFORMED JOINT FILLER AS PER OPSS.MUNI 1308, AND SHALL EXTEND FOR THE FULL WIDTH OF THE CONCRETE SLAB. THE EXPANSION MATERIAL SHALL BE MACHINED PUNCHED WITH HOLES THAT ARE 3mm LARGER THAN THE DIAMETER OF THE DOWEL BARS.
 - EXPANSION JOINT MATERIAL HOLDER MAY BE CONTINUOUS OR BROKEN AS SHOWN.
 - ARC OR RESISTANCE SPOT WELD, ALTERNATE ENDS OF ADJACENT DOWELS ONLY, TOP OR BOTTOM OF DOWEL BAR.
 - HORIZONTAL OFFSET FROM EDGE OF LANE TO CENTER OF FIRST DOWEL SHALL BE EQUAL FROM EITHER EDGE OF LANE. HORIZONTAL DIMENSION SHALL BE 150mm UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
- AT BRIDGE APPROACHES THE SKEW OF THE DEVICE SHALL MATCH THE APPROACH SLAB SKEW.
 - LOAD TRANSFER DEVICE SHALL BE SHOP COATED WITH RC-250, TECTYL 506, OR PROTEC 6116-DS AMBER.
 - LOAD TRANSFER DEVICES NOT REQUIRED IN SHOULDERS OR GORE AREAS HOWEVER, EXPANSION JOINT MATERIAL SHALL EXTEND THROUGH THE SHOULDER, GORE AREAS, AND CURB AND GUTTER TO EDGE OF CONCRETE SLAB.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

NOT TO SCALE

 CITY OF WINDSOR ENGINEERING DEPARTMENT	
LOAD TRANSFER DEVICE RIGHT ANGLE EXPANSION JOINT	
DR'N BY: AZ	DATE: JUN, 2024
REV. DATE:	CH'KD BY (ENG): PM, JH
CH'KD BY (GEO/OPS): PJU, AL	PASSED BY: FM
CITY ENGINEER	AS-212A