LOCATE MID-PANEL BETWEEN AND NO CLOSER THAN 5 FEET TO FUTURE 'C' OR 'CD' JOINT

TYPE "DW"
DAY'S WORK JOINT (NON-WORKING)

SEE NOTES 2 AND 6

30" LONG TIE BAR AT 12" CENTERS

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TYPE "CD"
DOWELED CONTRACTION JOINT

SEE NOTES 2, 4, 6 AND 7

18" LONG DOWEL AT 12" CENTERS

T/4

TYPE "CT"
TIED CONTRACTION JOINT

SEE NOTES 2, 4, 6 AND 7

30" LONG TIE-BAR @ 12" CENTERS

T/2

NOTES:
1. BARS IN TRANSVERSE JOINTS SHALL BE PLACED SO NO BAR IS CLOSER THAN 6" TO ANY LONGITUDINAL JOINT (CENTERLINE OR LANELINE). THE DISTANCE TO THE FIRST BAR FROM EDGE OF PAVEMENT VARIES FROM 6" TO 12" DEPENDING UPON PAVEMENT WIDTH.
2. EDGE WITH 1/4" TOOL FOR LENGTH OF JOINT INDICATED IF FORMED; EDGING NOT REQUIRED WHEN CUT WITH SAW. REMOVE HEADER BLOCK AND BOARD WHEN SECOND SLAB IS Poured.
3. WHEN TIENG INTO OLD PAVEMENT, T REPRESENTS DEPTH OF SOUND PORTLAND CEMENT CONCRETE.
4. DOWELS OR TIE BARS SHALL BE PROPERLY POSITIONED USING A DOWEL ASSEMBLY.
5. DOWELS OR TIE-BARS SHALL BE ANCHORED USING SPECIFIED GROUT OR EPOXY BONDING AGENT.
6. DOWEL AND TIE BAR SIZES: FOR SLAB THICKNESS LESS THAN 8 INCHES: 3/4-INCH DOWELS, #6 TIEBARS; FOR SLABS 8 INCHES TO 10 INCHES, 1¼-INCH DOWELS, #10 TIEBARS; FOR 10 INCHES OR GREATER, 1 1/2-INCH DOWELS, #11 TIEBARS.
7. REFER TO DOWEL ASSEMBLIES INFORMATION ON SHEET 3 OF THIS DETAIL.
SAWN JOINT IN CURB
APPLIES FOR DETAILS A, B, AND C
NOTE: MATCH "CD", "CT" OR "C" JOINT IN PAVEMENT

DETAIL "A" — HOT POUR SEALANT
(SAWCUT FORMED BY CONVENTIONAL CONCRETE SAWING EQUIPMENT)

DETAIL "B" — HOT POUR SEALANT
(SAWCUT FORMED BY APPROVED EARLY CONCRETE SAWING EQUIPMENT)

SEE NOTE 6
TYPICAL BAR PLACEMENT
APPLIES TO ALL JOINTS UNLESS OTHERWISE DETAILED

SAWN JOINT AT EDGE OF UNCURBED PAVEMENT
APPLIES FOR DETAILS A, B, AND C
NOTES:
8. USE 18 INCH LONG DOWEL BARS WITH A TOLERANCE OF ± 1/8 INCH. ENSURE THE CENTERLINES OF INDIVIDUAL DOWELS ARE PARALLEL TO THE OTHER DOWELS IN THE ASSEMBLY WITHIN ± 1/8 INCH.
9. WIRE SIZES SHOWN ARE THE MINIMUM REQUIRED. USE WIRES WITH A MINIMUM TENSILE STRENGTH OF 50 KSI.
10. DETAILS APPLY TO BOTH TRANSVERSE CONTRACTION AND EXPANSION JOINTS.
11. WELD ALTERNATELY THROUGHOUT.
12. #1/0 GAUGE (0.306 INCH DIAMETER) WIRE.
13. #10 GAUGE (0.135 INCH DIAMETER) WIRE, WELDED OR FRICTION FIT TO UPPER SIDE RAIL, BOTH SIDES.
14. MEASURED FROM THE CENTERLINE OF DOWEL BAR TO BOTTOM OF LOWER SIDE RAIL + 1/4 INCH.
15. PER LANE WIDTH, INSTALL A MINIMUM OF 8 ANCHOR PINS EVENLY SPACED (4 PER SIDE). TO PREVENT MOVEMENT OF ASSEMBLY DURING CONSTRUCTION. ANCHOR ASSEMBLIES PLACED ON PAVEMENT OR PCC BASE WITH DEVICES APPROVED BY THE ENGINEER.
16. IF DOWEL BASKET ASSEMBLIES ARE REQUIRED FOR CURBED PAVEMENTS, THE ASSEMBLY LENGTH IS BASED ON THE JOINTING LAYOUT.
17. ENSURE DOWEL BASKET ASSEMBLY CENTERLINE IS WITHIN 2 INCHES OF THE INTENDED JOINT LOCATION LONGITUDINALLY AND HAS NO MORE THAN 1/4 INCH HORIZONTAL SKEW FROM END OF BASKET TO END OF BASKET.

CONTRACTION JOINT DOWEL ASSEMBLIES