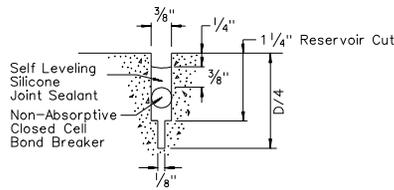
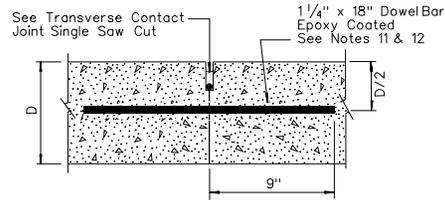


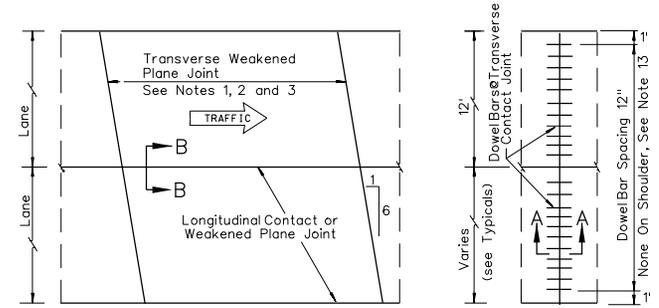
ALL MEASUREMENT $\pm 1/16$ " TOLERANCE



TRANSVERSE WEAKENED PLANE JOINT DOUBLE SAW CUT

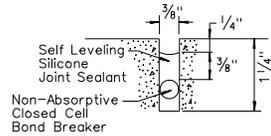


SECTION A-A TRANSVERSE CONTACT JOINT WITH DOWEL BARS
See Note 5

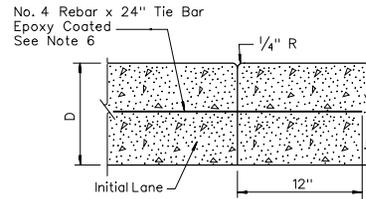


PLAN

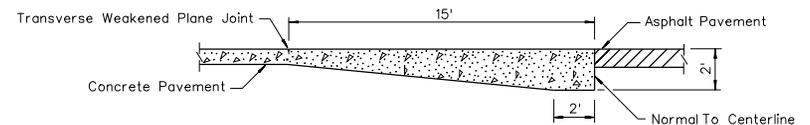
ALL MEASUREMENT $\pm 1/16$ " TOLERANCE



TRANSVERSE CONTACT JOINT SINGLE SAW CUT

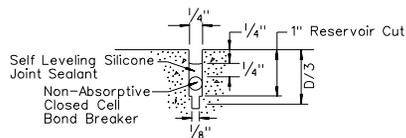


SECTION B-B LONGITUDINAL CONTACT JOINT

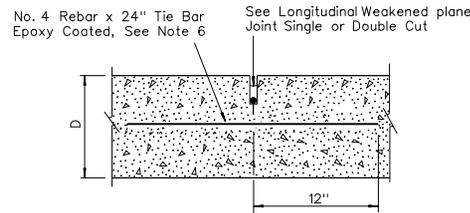


PAVEMENT END ANCHOR DETAIL
See Note 8

ALL MEASUREMENT $\pm 1/16$ " TOLERANCE

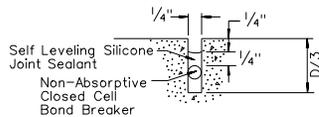


LONGITUDINAL WEAKENED PLANE JOINT DOUBLE SAW CUT

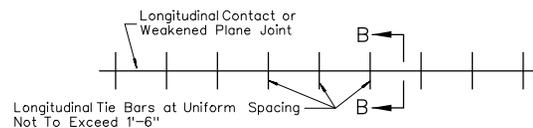


SECTION B-B LONGITUDINAL WEAKENED PLANE JOINT

ALL MEASUREMENT $\pm 1/16$ " TOLERANCE



LONGITUDINAL WEAKENED PLANE JOINT SINGLE SAW CUT



PLAN TIE BAR DETAIL
See Note 6

NOTES:

1. ALL WEAKENED PLANE JOINTS SHALL BE SAWED DIAGONALLY AS SHOWN, EXCEPT AS INDICATED IN THE END ANCHOR AND STRUCTURE APPROACH DETAILS. WHEN ONLY ONE LANE IS BEING CONSTRUCTED ALONGSIDE EXISTING LANES, JOINTS SHALL BE SAWED EITHER DIAGONALLY OR AS DIRECTED BY THE ENGINEER. OFFSET IS 1 IN 6 AND SKEWED COUNTERCLOCKWISE.
2. SPACING OF WEAKENED PLANE JOINTS SHALL BE SUCCESSIVELY 15', 13', 14', 12' AND REPEAT, EXCEPT FOR THE FIRST JOINT AT PAVEMENT END ANCHORS AND AT REINFORCED STRUCTURE APPROACHES.
3. TRANSVERSE CONTACT JOINTS SHALL BE CONSTRUCTED AT LEAST 6' FROM ANY TRANSVERSE WEAKENED PLANE JOINT.
4. LONGITUDINAL WEAKENED PLANE JOINTS SHALL BE CUT AT ALL LANE AND SHOULDER LINES EXCEPT WHERE LANE PLUS ADJACENT SHOULDER WIDTH IS LESS THAN OR EQUAL TO 16'.
5. ALL TRANSVERSE CONTACT JOINTS SHALL BE SAWED AND JOINT SEALER USED PER RESPECTIVE TRANSVERSE CONTACT JOINT DETAIL THIS SHEET.
6. ALL TIE BARS TO BE EPOXY COATED EXCEPT IN CLARK CO. TIE BARS TO BE PLACED IN MIDDLE 1/3 OF SLAB THICKNESS.
7. TRANSVERSE CONTACT JOINTS WITH DOWEL BARS SHALL BE USED AT ALL CONSTRUCTION JOINTS AND ELSEWHERE IF ORDERED BY THE ENGINEER.
8. PAVEMENT END ANCHORS SHALL BE CONSTRUCTED AS THE TERMINAL PANELS OF ALL PAVEMENT NOT ABUTTING EXISTING CONCRETE PAVEMENTS OR STRUCTURES, AND ELSEWHERE IF ORDERED BY THE ENGINEER.
9. INITIAL 1/8" WEAKENED PLANE JOINT SAW CUT TO BE DONE WITHIN SPECIFIED TIME LIMIT. RESERVOIR CUT SHALL BE DONE AT A LATER TIME.
10. RATIO OF DEPTH TO WIDTH OF JOINT SEALANT SHALL BE 1:1
11. DOWEL BARS SHALL BE LOCATED WITHIN 1" OF THE PLANNED TRANSVERSE AND DEPTH LOCATION AND WITHIN 2" OF THE PLANNED LONGITUDINAL LOCATION.
12. THE DOWEL BARS SHALL BE PARALLEL TO THE PAVEMENT SURFACE AND CENTERLINE WITHIN A TOLERANCE OF 1/2" IN 18".
13. DOWEL BARS SHALL NOT BE PLACED WITHIN 12" OF LONGITUDINAL JOINTS.
14. D = SLAB THICKNESS.

NEVADA DEPARTMENT OF TRANSPORTATION

PLAIN JOINTED CONCRETE PAVEMENT DETAILS

Signed Original On File R-10.1.1 (409)
CHIEF ROAD DESIGN ENGR. ADOPTED 7/96 REVISION 9/97