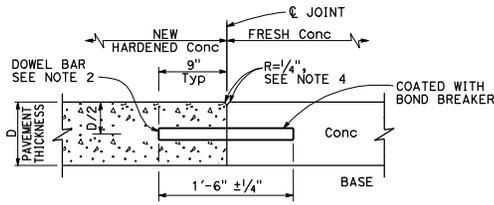
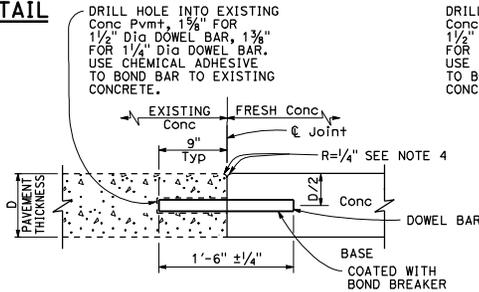


LONGITUDINAL CONTRACTION JOINT WITH DOWEL BARS
(See Std Plan P18)

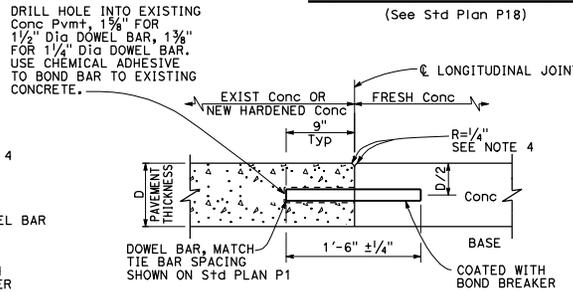


SECTION A-A TRANSVERSE CONSTRUCTION JOINT DETAIL

TRANSVERSE CONTRACTION JOINT



TRANSVERSE CONSTRUCTION JOINT FOR EXISTING CONCRETE PAVEMENT
(Drill and bond locations)



LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS
(See Std Plan P18)

| | | | | |
|------|--------|-------|--------------------------|--------------------|
| D16+ | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET TOTAL SHEETS |
| | | | | |

William K. Farnbach
 REGISTERED CIVIL ENGINEER

May 20, 2011
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
 William K. Farnbach
 No. C49042
 Exp. 9-30-12
 CIVIL
 STATE OF CALIFORNIA

NOTES:

1. See Standard Plan P1 for typical dowel bar placement and locations.
2. 1 1/2" Dia smooth dowel bars are to be used with a pavement thickness, D, equal to or greater than 0.70 feet. For pavement thickness, D, less than 0.70 feet, use 1 1/4" Dia smooth dowel bars.
3. For widths not shown, see Project Plans.
4. If fresh concrete pavement is placed adjacent to existing concrete pavement, the top corner of the existing concrete pavement does not need to be rounded to the 1/4" radius, as shown.

TABLE A (See Note 3)

| DOWEL BAR TRANSVERSE SPACING TABLE | |
|------------------------------------|----------------------------------------------|
| WIDTH BETWEEN LONGITUDINAL JOINTS | NUMBER OF DOWELS BETWEEN LONGITUDINAL JOINTS |
| 14'-0" | 14 |
| 13'-0" | 13 |
| 12'-0" | 12 |
| 11'-0" | 11 |
| 10'-0" | 10 |
| 8'-0" | 8 |
| 5'-0" | 5 |
| 4'-0" | 4 |

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**CONCRETE PAVEMENT-
DOWEL BAR
DETAILS**

NO SCALE