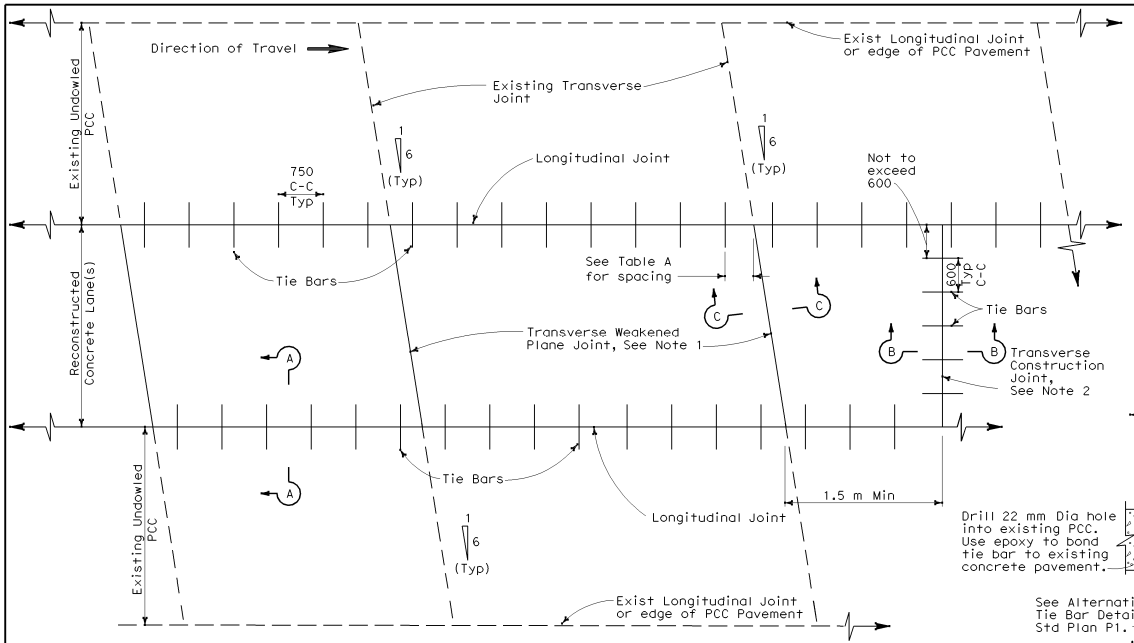
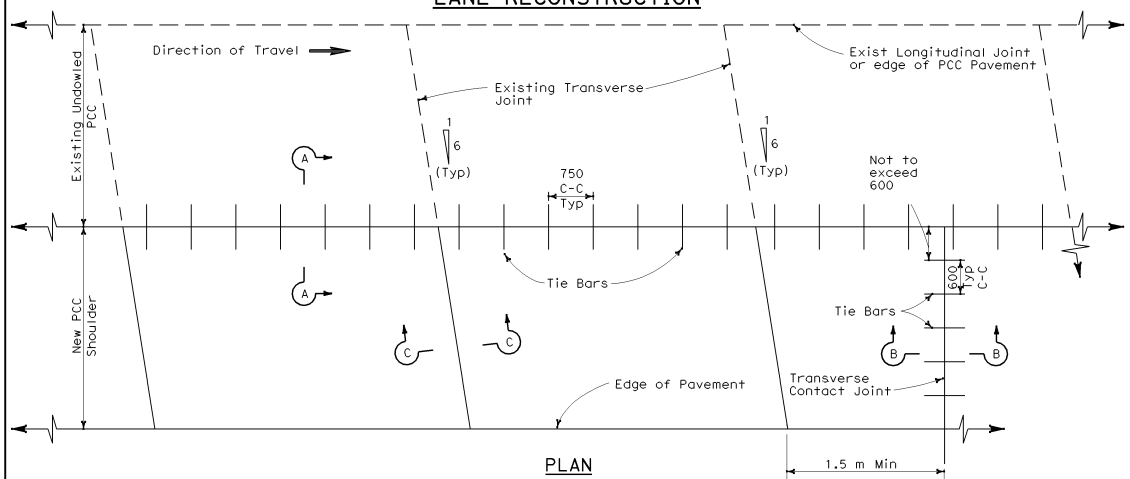
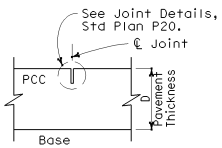


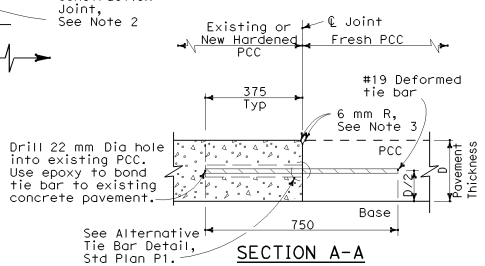
PLAN
LANE RECONSTRUCTION



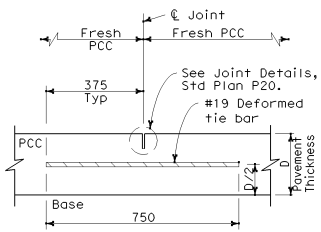
PLAN
SHOULDER ADDITION/RECONSTRUCTION



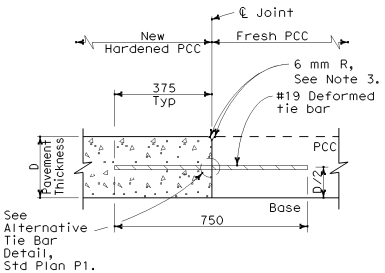
SECTION C-C
TRANSVERSE WEAKENED PLANE JOINT



SECTION A-A
LONGITUDINAL JOINT
(Between fresh and hardened concrete)



LONGITUDINAL JOINT
(In fresh concrete)



SECTION B-B
TRANSVERSE CONTACT JOINT

NOTES

1. New transverse weakened plane joints shall match the skewed offset and spacing of the adjacent existing weakened plane joints, as shown. Where the existing transverse weakened plane joint spacing exceeds 4.57 m, an additional transverse weakened plane joint shall be constructed equal distance between the existing joints.
2. Transverse contact joints, with tie bars spaced as shown, shall be installed at the end of paving operations. Transverse contact joints shall be placed at least 1.5 m from any weakened plane joint.
3. If fresh portland cement concrete is placed adjacent to existing portland cement concrete, the top corner of the existing portland cement concrete does not need to be rounded to 6 mm radius, as shown.
4. Standard Plan P5 does not apply to intersections.

TABLE A

Tie Bar Spacing		
Panel Length (m)	Total Tie Bars per Panel	Clearance Tie Bar to Transverse Joint (mm)
3.66	5	400
4.57	6	500
3.96	5	550
4.27	5	705

Caltrans Metric

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

William K. Fornbach
REGISTERED CIVIL ENGINEER
July 1, 2004
PLANS APPROVAL DATE
REGISTERED PROFESSIONAL ENGINEER William K. Fornbach No. 49042 Exp. 09-30-04 CIVIL STATE OF CALIFORNIA

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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

UNDOWELED JOINTED PLAIN CONCRETE PAVEMENT

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

P5

05-06-04