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

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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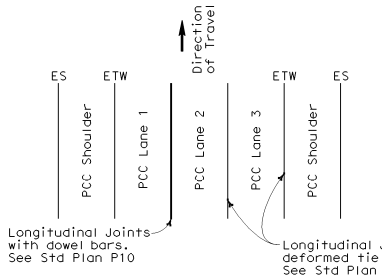
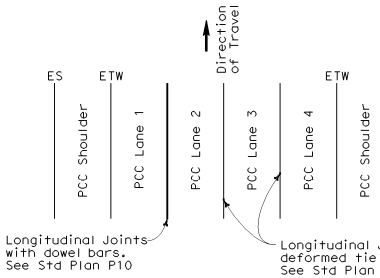
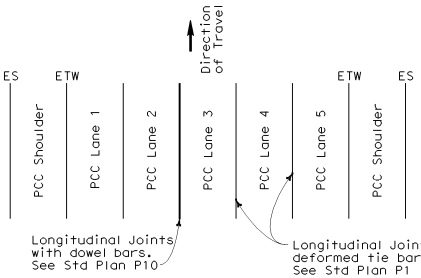


3 LANES WITH CONCRETE SHOULDERS
PLAN



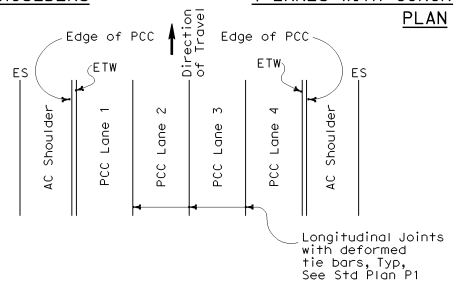
4 LANES WITH CONCRETE SHOULDERS
PLAN



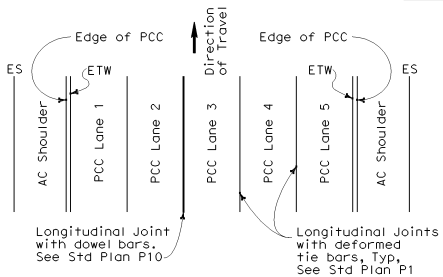
5 LANES WITH CONCRETE SHOULDERS
PLAN

NOTE

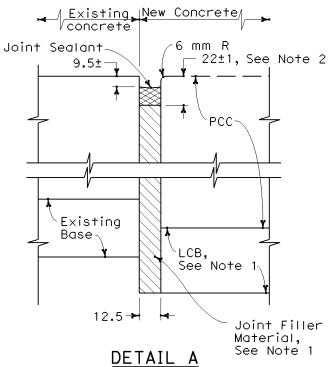
1. Where Lean Concrete Base is not used as base material, the joint filler material used for the longitudinal isolation joint shall only extend to the bottom of the new concrete slab. See Detail A.
2. Use 16±1 mm dimension for silicone sealant.
3. See Standard Plan P10 for longitudinal joint with dowel bars.



4 LANES OR LESS WITH AC SHOULDERS
PLAN



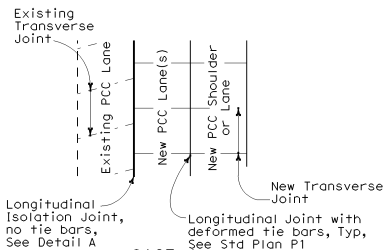
5 LANES WITH AC SHOULDERS
PLAN



DETAIL A
LONGITUDINAL
ISOLATION JOINT

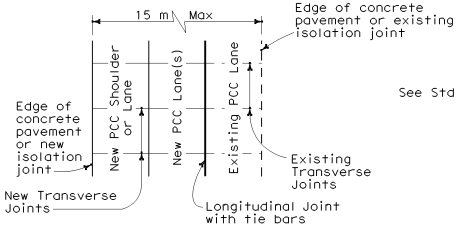
NEW CONSTRUCTION

Location of Longitudinal Joints



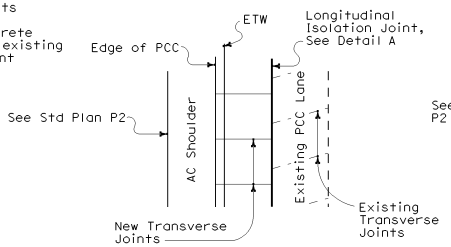
CASE 1
PLAN

Transverse Joints do not align between new and existing



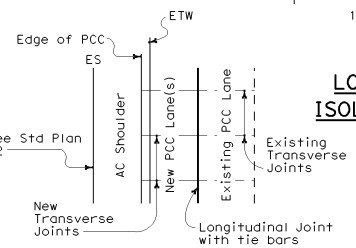
CASE 2
PLAN

Transverse Joints align between new and existing



CASE 3 (AC SHOULDER)
PLAN

Transverse Joints do not align between new and existing



CASE 4 (AC SHOULDER)
PLAN

Transverse Joints align between new and existing

LANE/SHOULDER ADDITION OR RECONSTRUCTION

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CONCRETE PAVEMENT-LANE SCHEMATICS AND ISOLATION JOINT DETAIL

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

P18