Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer,Sta, SJ	5	32.2/32.5, 0.0/28.1, 0.0/R12.4	22A	112

REGISTERED CIVIL ENGINEER — DATE 2/11/14

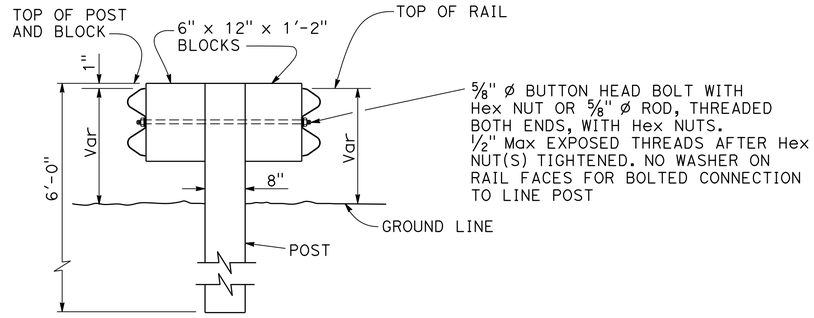
MASON L. LEUNG No. 71709 Exp. 12-31-15 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

02-18-14
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.

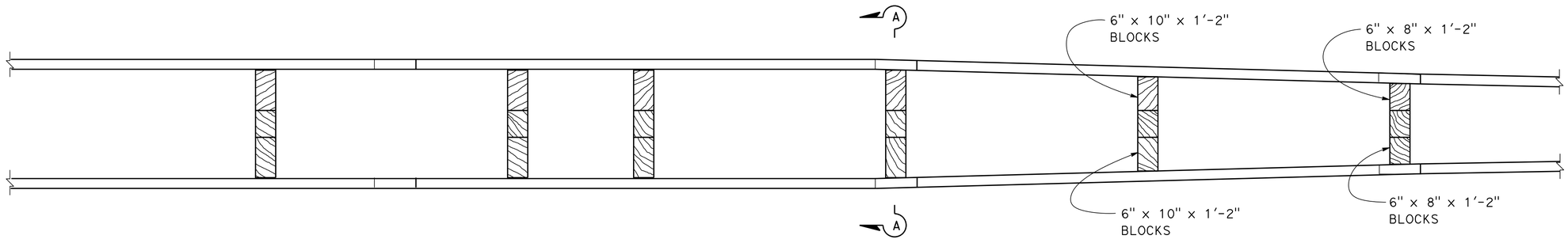
NOTES:

1. REFER TO REVISED STANDARD PLANS RSP A77L1 AND RSP A77L2 FOR COMPONENT DETAILS FOR MGS NOT SHOWN ON THIS PLAN.
2. ALL POSTS FOR ANY STANDARD BARRIER RUN SHALL BE OF THE SAME TYPE: WOOD OR STEEL.
3. REFER TO REVISED STANDARD PLAN RSP A77R2, TYPE 15A LAYOUT, FOR DOUBLE MGS CONNECTION TO DETAIL A.
4. INSTALL POSTS IN SOIL.

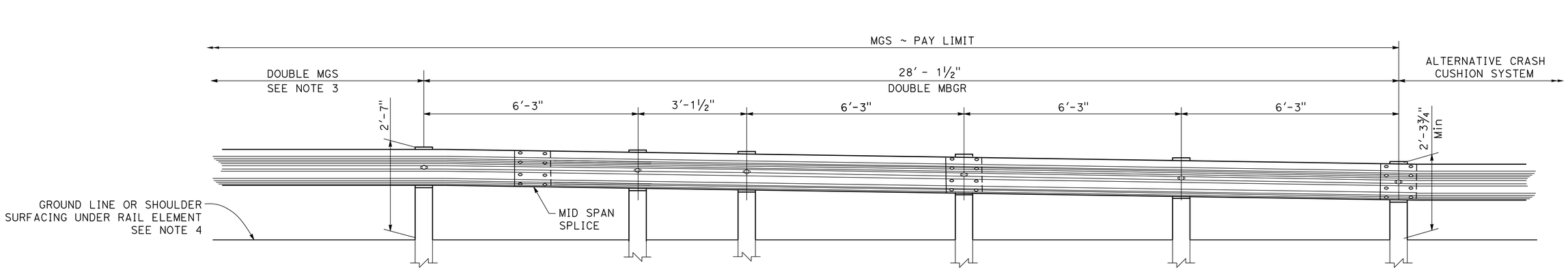


SECTION A-A

TYPICAL DOUBLE MIDWEST GUARDRAIL SYSTEM



PLAN



ELEVATION

TRANSITION DETAIL FOR 27 3/4" CRASH CUSHION TO DOUBLE MIDWEST GUARDRAIL SYSTEM

1 ADDED PER ADDENDUM No. 1 DATED JULY 22, 2014

CONSTRUCTION DETAILS
(FOR CAT AND BRAKEMASTER CRASH CUSHION)

NO SCALE

C-20

REVISED BY	DATE REVISED
ML	2/18/14

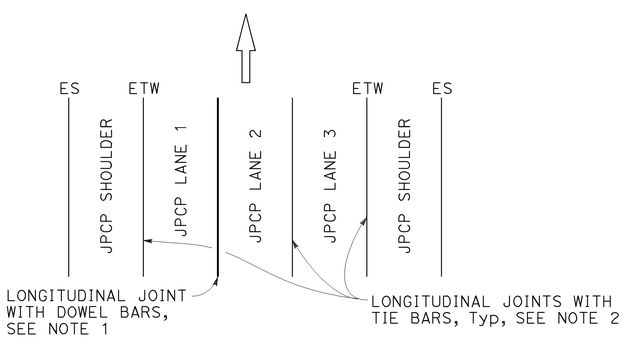
CALCULATED-DESIGNED BY: MARLON LOPEZ
CHECKED BY: MASON LEUNG

FUNCTIONAL SUPERVISOR: MICHAEL HUTCHISON

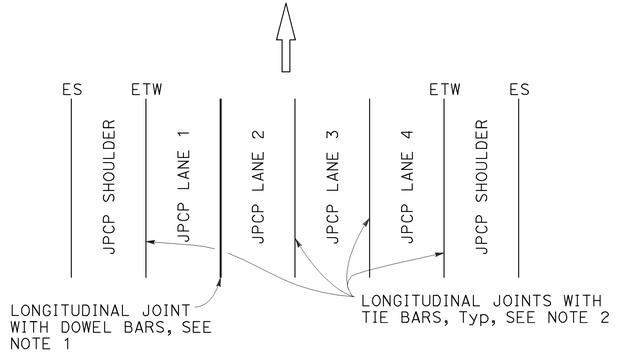
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN

LAST REVISION 00-00-00
DATE PLOTTED => 18-JUL-2014
TIME PLOTTED => 07:49

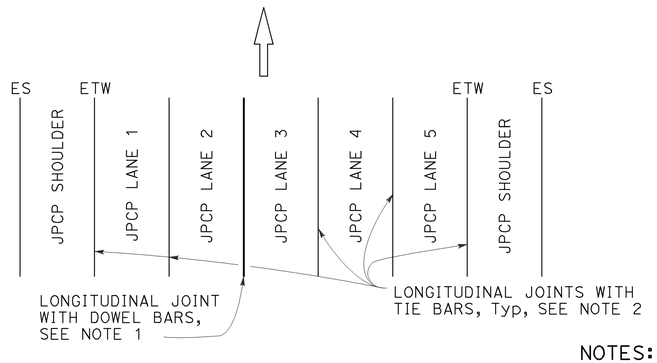
BORDER LAST REVISED 7/2/2010
USERNAME => s123936
DGN FILE => 1000020667ga020.add
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 1455
PROJECT NUMBER & PHASE 10000206671



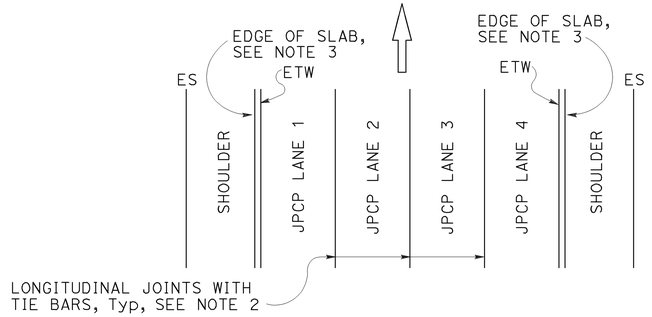
3 LANES WITH CONCRETE SHOULDERS
PLAN



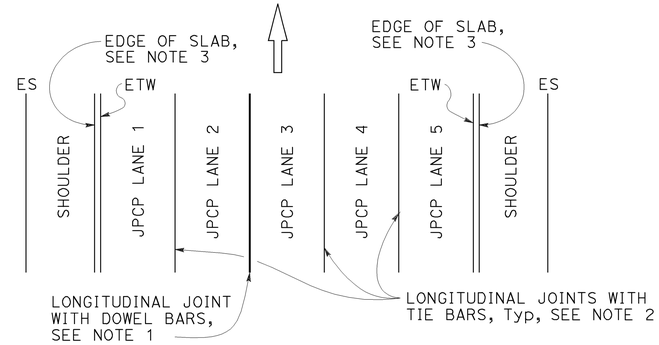
4 LANES WITH CONCRETE SHOULDERS
PLAN



5 LANES WITH CONCRETE SHOULDERS
PLAN



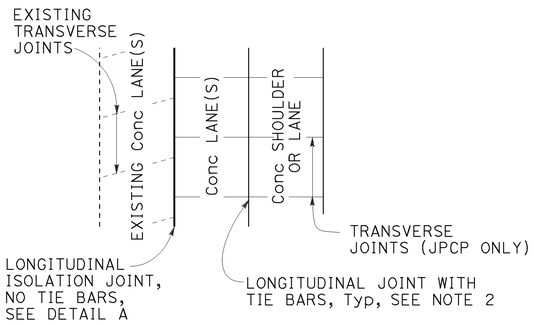
4 LANES OR LESS WITH AC SHOULDERS
PLAN



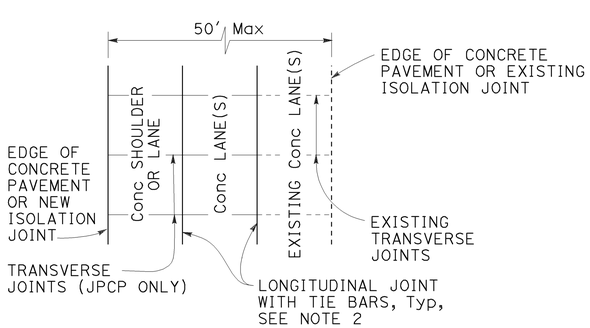
5 LANES WITH AC SHOULDERS
PLAN

1 ADDED PER ADDENDUM No. 1 DATED JULY 22, 2014

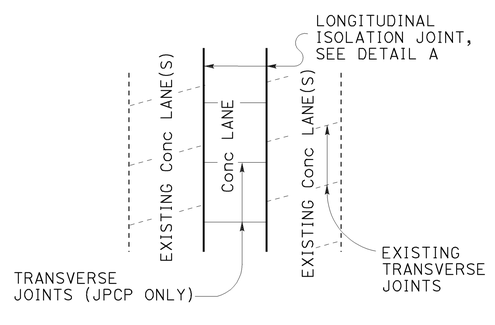
NEW CONSTRUCTION
Location of Longitudinal Joints For JPCP



CASE 1
PLAN
Transverse Joints do not align between new and existing.

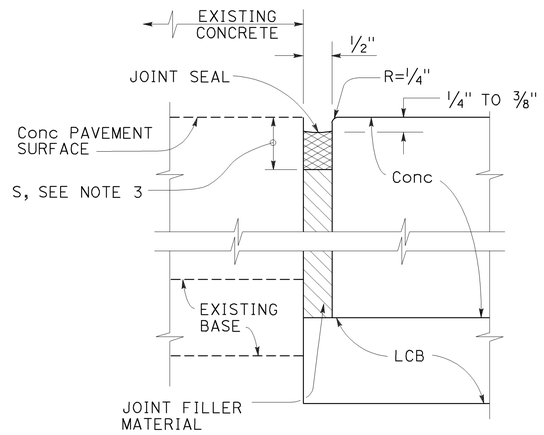


CASE 2
PLAN
Transverse Joints align between new and existing.
(For JPCP only)



CASE 3 (INTERIOR LANE REPLACEMENT)
PLAN
Transverse Joints do not align between new and existing.

LANE/SHOULDER ADDITION OR RECONSTRUCTION
For JPCP and CRCP



DETAIL "A"
ISOLATION JOINT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer,Sta, SJ	5	32.2/32.5, 0.0/28.1, 0.0/R12.4	93A	112

William K. Farnbach
REGISTERED CIVIL ENGINEER

July 19, 2013
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — William K. Farnbach — No. C49042 — Exp. 9-30-14 — CIVIL — STATE OF CALIFORNIA

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.

TO ACCOMPANY PLANS DATED 02-18-14

NOTES:

1. See Revised Standard Plan RSP P10 for longitudinal joint with dowel bars.
2. See Revised Standard Plan RSP P15 for longitudinal joint with tie bars.
3. S= Reservoir depth.
   S= 7/8" ± 1/16" for asphalt rubber seals
   S= 9/16" ± 1/16" for silicone seals
   Preformed compression seals must be 13/16" wide and S= 1 11/16" ± 1/16"

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CONCRETE PAVEMENT LANE SCHEMATICS AND ISOLATION JOINT DETAIL

NO SCALE

RSP P18 DATED JULY 19, 2013 SUPERSEDES RSP P18 DATED APRIL 20, 2012 AND STANDARD PLAN P18 DATED MAY 20, 2011 - PAGE 135 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP P18

2010 REVISED STANDARD PLAN RSP P18

5-31-13