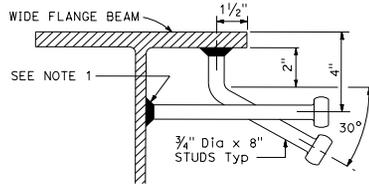
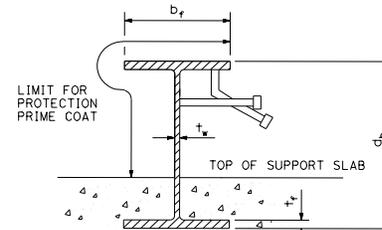


WIDE FLANGE DETAIL



DETAIL D



WIDE FLANGE PAINTING DETAIL

See "TABLE OF BEAM SIZES"

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
<p>William K. Fairbroth REGISTERED CIVIL ENGINEER</p> <p>July 19, 2013 PLANS APPROVAL DATE</p> <p>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.</p>					
<p>REGISTERED PROFESSIONAL ENGINEER William K. Fairbroth No. C49042 Exp. 9-30-14 CIVIL STATE OF CALIFORNIA</p>					

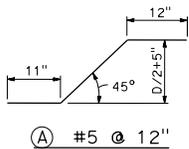
TO ACCOMPANY PLANS DATED _____

LEGEND:

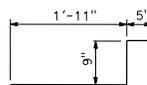
- b_f - FLANGE WIDTH
- t_f - FLANGE THICKNESS
- t_w - WEB THICKNESS
- d_b - BEAM DEPTH
- D1 - PAVEMENT THICKNESSES
- D2 - PAVEMENT THICKNESSES

NOTES:

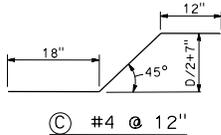
1. Studs must be electric arc end welded with complete fusion. Any stud dislodged in shipping or that can be dislodged by hammer must be replaced.
2. Weld 3/8" plate to each end of wide flange beam at pavement edges only. End plate covers the entire wide flange beam.
3. Extend polyethylene foam to the sides and edges of the front part of the plate.



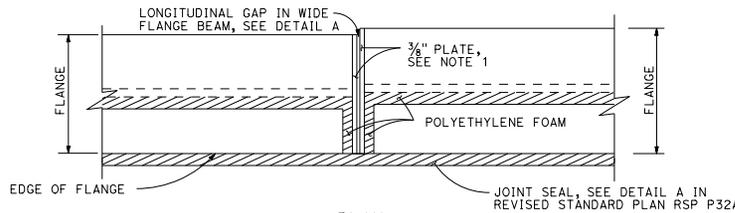
(A) #5 @ 12"



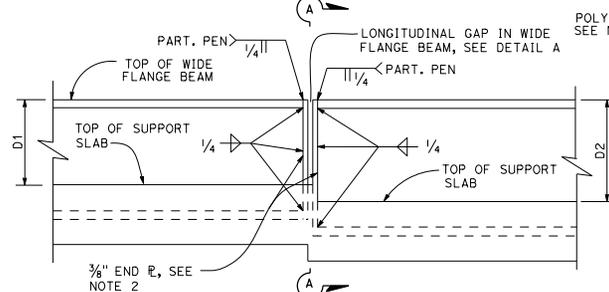
(B) #5 @ 12"



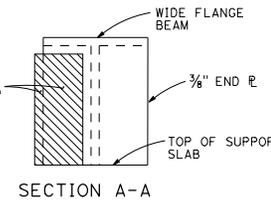
(C) #4 @ 12"



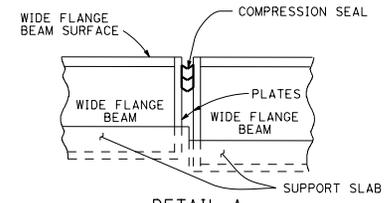
PLAN



ELEVATION



SECTION A-A



DETAIL A

CONCRETE AND STEEL QUANTITIES

ITEM	PAVEMENT THICKNESS							
	.75'	.80'	.85'	.90'	.95'	1.00'	1.05'	1.10'
WIDE FLANGE BEAM	CONCRETE							
TERMINAL SLAB	4.8 CY	4.8 CY	4.8 CY	4.8 CY	4.8 CY	4.8 CY	4.8 CY	4.8 CY
Exp JOINT TYPE	REINFORCING STEEL							
WIDE FLANGE	552.0 LBS	552.2 LBS	552.4 LBS	552.6 LBS	552.8 LBS	553.0 LBS	553.1 LBS	553.3 LBS
SUPPORT SLAB	CONCRETE							
	1.1 CY	1.1 CY	1.1 CY	1.1 CY	1.1 CY	1.1 CY	1.1 CY	1.1 CY
	REINFORCING STEEL							
	99.9 LBS	99.9 LBS	100.2 LBS	100.5 LBS	100.8 LBS	101.1 LBS	101.1 LBS	101.6 LBS
	STEEL BEAM (WEIGHT OF WIDE FLANGE BEAM AND STUDS)							
	43.0 LBS/LF +2 PLATES @ 14.9 LBS EA	69.51 LBS/LF +2 PLATES @ 14.9 LBS EA	90.51 LBS/LF +2 PLATES @ 18.5 LBS EA	90.51 LBS/LF +2 PLATES @ 18.5 LBS EA	98.51 LBS/LF +2 PLATES @ 22.0 LBS EA	98.51 LBS/LF +2 PLATES @ 22.0 LBS EA	98.51 LBS/LF +2 PLATES @ 22.0 LBS EA	98.51 LBS/LF +2 PLATES @ 22.0 LBS EA

TABLE OF BEAM SIZES					
PAVEMENT THICKNESS	WIDE FLANGE BEAM DESIGNATION	d _b	b _f	t _f	t _w
.75'	W14 x 43	13.70"	8.00"	0.53"	0.31"
.80'	W14 x 68	14.04"	10.04"	0.72"	0.42"
.85'	W16 x 89	16.75"	10.37"	0.88"	0.53"
.90'	W16 x 89	16.75"	10.37"	0.88"	0.53"
.95'	W18 x 97	18.59"	11.15"	0.87"	0.54"
1.00'	W18 x 97	18.59"	11.15"	0.87"	0.54"
1.05'	W18 x 97	18.59"	11.15"	0.87"	0.54"
1.10'	W18 x 97	18.59"	11.15"	0.87"	0.54"

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**CONTINUOUSLY REINFORCED
CONCRETE PAVEMENT
WIDE FLANGE BEAM TERMINALS**

NO SCALE

RSP P32B DATED JULY 19, 2013 SUPERSEDES RSP P32B DATED APRIL 20, 2012 AND STANDARD PLAN P32B DATED MAY 20, 2011 - PAGE 141 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP P32B

2010 REVISED STANDARD PLAN RSP P32B