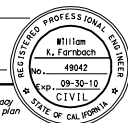
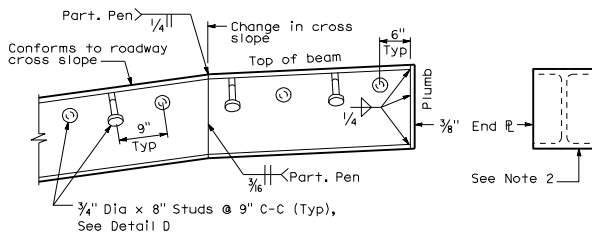
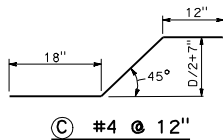
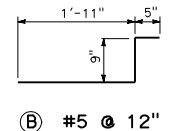
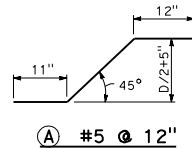


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

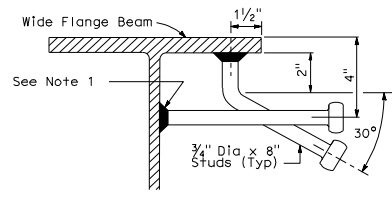
William K. Faribach
 REGISTERED CIVIL ENGINEER
 June 5, 2009
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



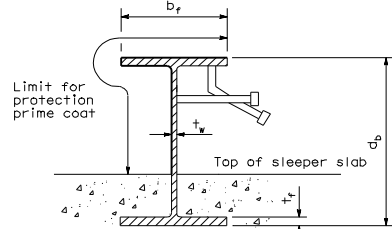
To accompany plans dated _____



WIDE FLANGE DETAIL



DETAIL D



WIDE FLANGE PAINTING DETAIL

SEE "TABLE OF BEAM SIZES"

LEGEND:

- b_f - flange width
- t_f - flange thickness
- t_w - web thickness
- d_b - beam depth

NOTES:

1. Studs shall be electric arc end welded with complete fusion. Any stud which is dislodged in shipping or can be dislodged by hammer shall be replaced.
2. Weld 3/8" Plate to each end of wide flange beam at pavement edges only. End plate covers entire wide flange beam.

CONCRETE AND STEEL QUANTITIES

ITEM	PAVEMENT THICKNESS							
	.80'	.85'	.90'	.95'	1.00'	1.05'	1.10'	
Wide Flange Beam	Concrete	4.81CY	4.81CY	4.81CY	4.81CY	4.81CY	4.81CY	
Terminal Slab	Reinforcing Steel	552.2 LBS	552.4 LBS	552.6 LBS	552.8 LBS	553.0 LBS	553.3 LBS	
Exp Joint Type	Concrete	1.1 CY	1.1 CY	1.1 CY	1.1 CY	1.1 CY	1.1 CY	
	Reinforcing Steel	99.9 LBS	100.2 LBS	100.5 LBS	100.8 LBS	101.1 LBS	101.6 LBS	
WF Support Slab	Steel Beam	69.51 LBS/LF	90.51 LBS/LF	90.51 LBS/LF	98.51 LBS/LF	98.51 LBS/LF	98.51 LBS/LF	
	(Weight of Wide Flange Beam and Studs)	+2 PLATES @ 14.87 LBS EA	+2 PLATES @ 18.46 LBS EA	+2 PLATES @ 18.46 LBS EA	+2 PLATES @ 22.01 LBS EA	+2 PLATES @ 22.01 LBS EA	+2 PLATES @ 22.01 LBS EA	

TABLE OF BEAM SIZES

PAVEMENT THICKNESS	WIDE FLANGE BEAM DESIGNATION	d _b	b _f	t _f	t _w
.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

NSP P32B DATED JUNE 5, 2009 SUPPLEMENTS
 THE STANDARD PLANS BOOK DATED MAY 2006

NEW STANDARD PLAN NSP P32B

2006 NEW STANDARD PLAN NSP P32B