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

Caltrans Metric

REGISTERED ~~CIVIL~~ ENGINEER

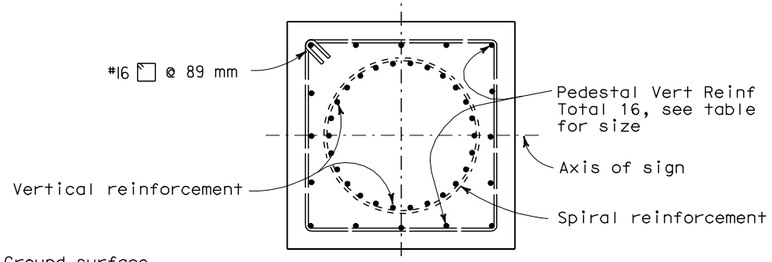
December 30, 2004
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Tillat Sattar
No. C42892
Exp. 3-31-06
CIVIL
STATE OF CALIFORNIA

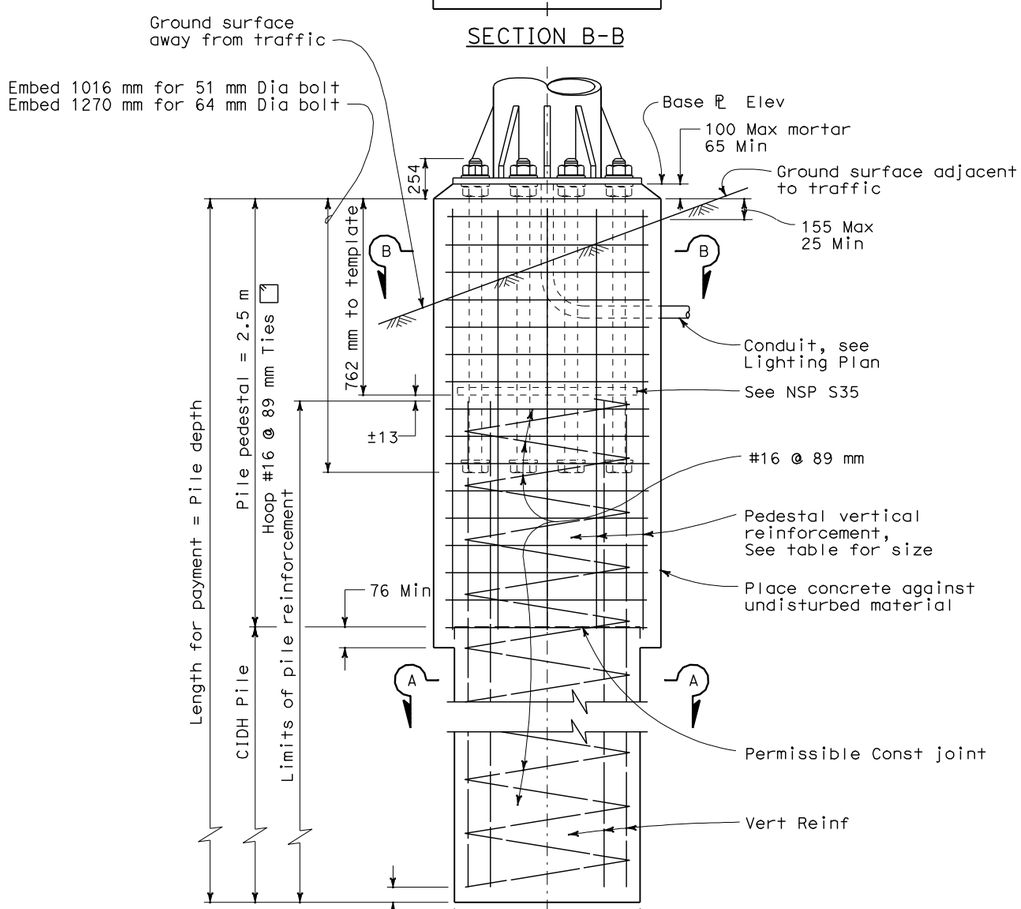
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

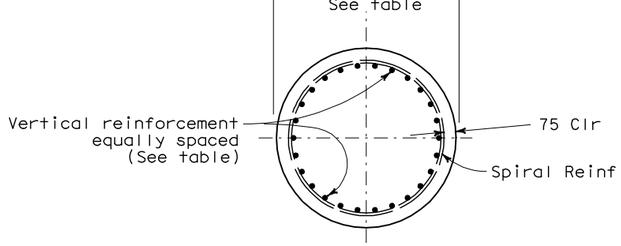
To get to the Caltrans web site, go to: http://www.dot.ca.gov

To accompany plans dated _____

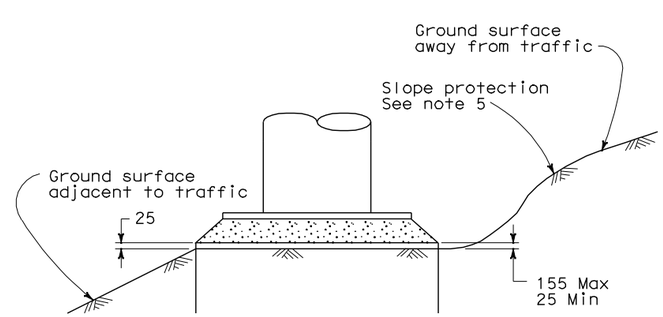


SECTION B-B





SECTION A-A



DETAIL C

Post Type No.	Anchor Bolts			Square Pedestal						CIDH						
	Bolt Circle (mm)	Bolts total and Dia (mm)	Total Length (mm)	Pedestal Square one side (mm)	Reinforcing			Hoop		Pile Dia (mm)	✱✱ Pile Depth (m)	Vertical Reinforcing			Spiral	
					Total	Bar Size	# of bars each face	Bar Size	Pitch (mm)			Total	Bar Size	Bar Circle (mm)	Bar Size	Pitch (mm)
I	762	14-51	1270	1676	16	#36	5	#16	89	1524	7620	28	#36	1305	#16	89
II	864	14-64	1524	1676	16	#36	5	#16	89	1524	7620	28	#36	1305	#16	89
III	864	14-64	1524	1676	16	#36	5	#16	89	1524	7620	28	#36	1305	#16	89
IV	1016	16-64	1524	1676	16	#36	5	#16	89	1524	10058	28	#36	1305	#16	89
V	1016	16-64	1524	1676	16	#36	5	#16	89	1524	10058	28	#36	1305	#16	89
VI	1016	16-64	1524	1676	16	#36	5	#16	89	1524	10058	28	#36	1305	#16	89

✱✱ Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES

1. For anchor bolt layout see post sheet.
2. For "Base ℙ elevation" see Project Plans.
3. Prior to erection of the post, backfill which is equivalent to the surrounding material, shall be in place.
4. Pedestal shall be formed 150 mm minimum below ground surface Remainder to be placed against undisturbed material.
5. Slope protection required when indicated on the Project Plans.
6. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30° and unit weight of soil used is 1922 kg/m³.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TUBULAR SINGLE POST AND TWO POST TYPE SQUARE PEDESTAL PILE FOUNDATION

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

NSP S36 AND NSP S37 DATED DECEMBER 30, 2004 SUPERSEDE RSP S40U DATED OCTOBER 26, 2000 AND STANDARD PLAN S40U DATED JULY 1, 1999-PAGE 262 OF THE STANDARD PLANS BOOK DATED JULY 1999.

NEW STANDARD PLAN NSP S36

1999 NEW Std PLAN NSP S36

1-03-05