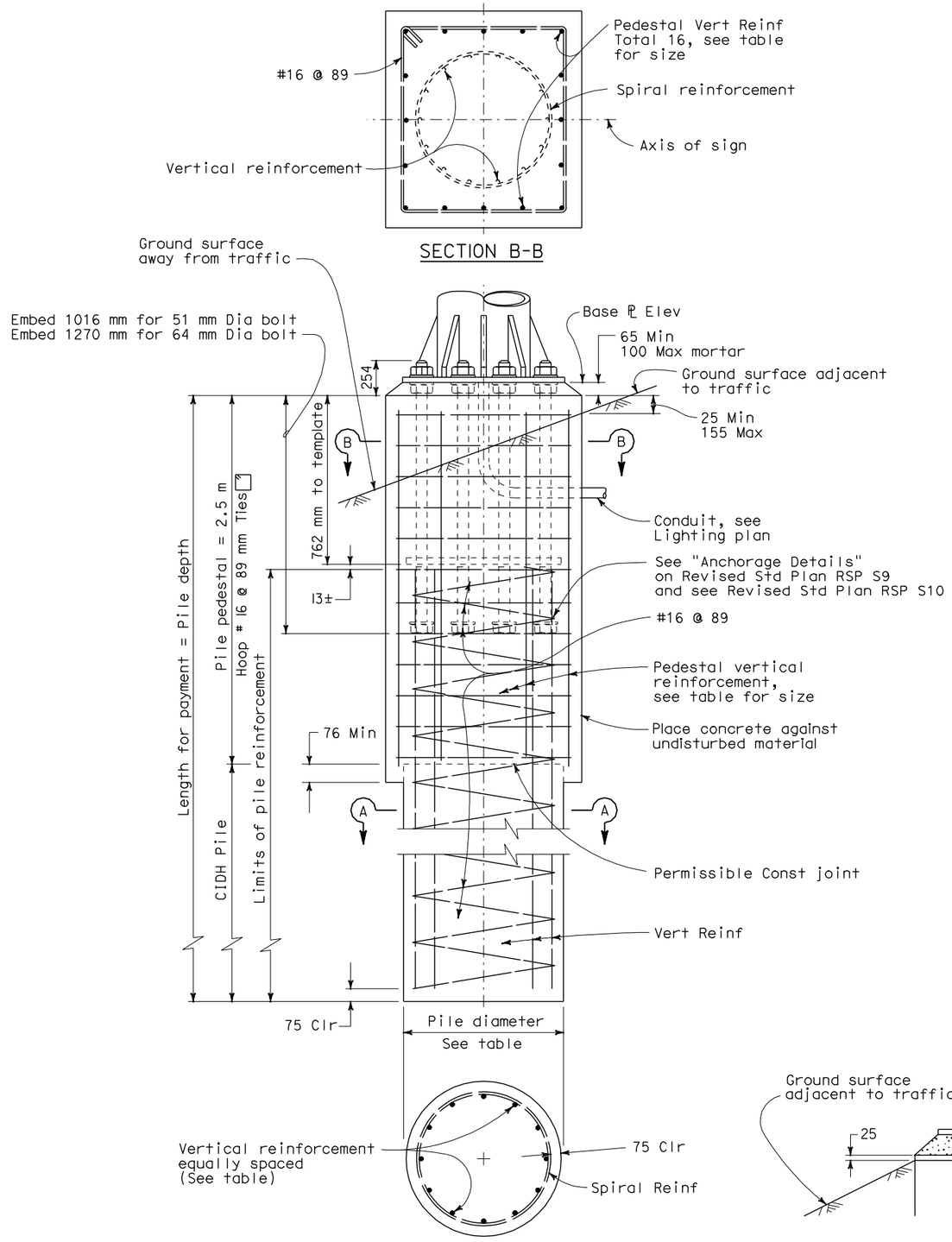
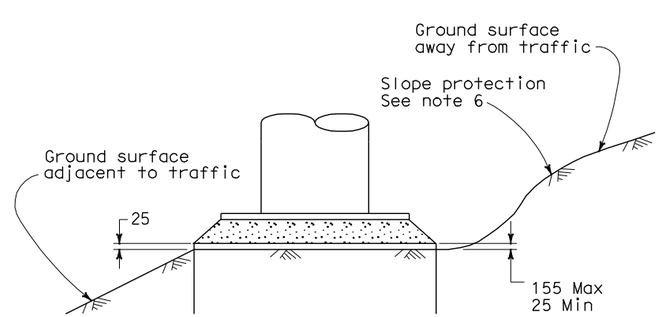


SECTION B-B

SECTION A-A



DETAIL C

Post Type	Anchor Bolts				Square Pedestal						CIDH Pile						
	Total	Dia (mm)	BC (mm)	Total Length (mm)	Pedestal Square one side (mm)	Reinforcing			Hoop		Pile Dia (mm)	Pile Depth (m) **	Reinforcing			Spiral	
						Total	Bar Size	Spacing each face	Bar Size	Pitch			Total	Bar Size	BC (mm)	Bar Size	Pitch
I-S	12	51	711	1270	1600	16	32	346	16	89	1372	5.5	26	32	1143	16	89
II-S	12	51	711	1270	1600	16	32	346	16	89	1372	6.0	26	32	1143	16	89
III-S	12	51	787	1270	1600	16	32	346	16	89	1372	7.0	26	32	1143	16	89
IV-S	14	51	864	1270	1600	16	32	346	16	89	1372	7.0	26	32	1143	16	89
V-S	16	64	965	1524	1763	16	36	381	16	89	1524	8.0	28	36	1295	16	89
VI-S	16	64	1041	1524	1763	16	36	381	16	89	1524	8.5	28	36	1295	16	89
VII-S	16	64	1041	1524	1763	16	36	381	16	89	1524	8.5	28	36	1295	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. Longer side of post shall be normal to axis of sign.
4. Prior to erection of the post, backfill which is equivalent to the surrounding material, shall be in place.
5. Pedestal shall be formed 150 mm Min below ground surface. Remainder to be placed against undisturbed material.
6. Slope protection required when indicated on the Project Plans.
7. 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/m^3.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TRUSS TWO POST TYPE SQUARE PEDESTAL PILE FOUNDATION

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S14 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S14 DATED JULY 1, 2004-PAGE 323 OF THE STANDARD PLANS BOOK DATED JULY 2004.

REVISED STANDARD PLAN RSP S14

Caltrans Metric

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

REGISTERED CIVIL ENGINEER

January 24, 2005
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Tillat Sattar
No. C42892
Exp. 03-31-2006
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 _____

2004 REVISED Std PLAN RSP S14

1-24-05