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

REGISTERED CIVIL ENGINEER

July 1, 2002
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Jeffrey B. Woody No. C41260 Exp. 3-31-03 CIVIL STATE OF CALIFORNIA

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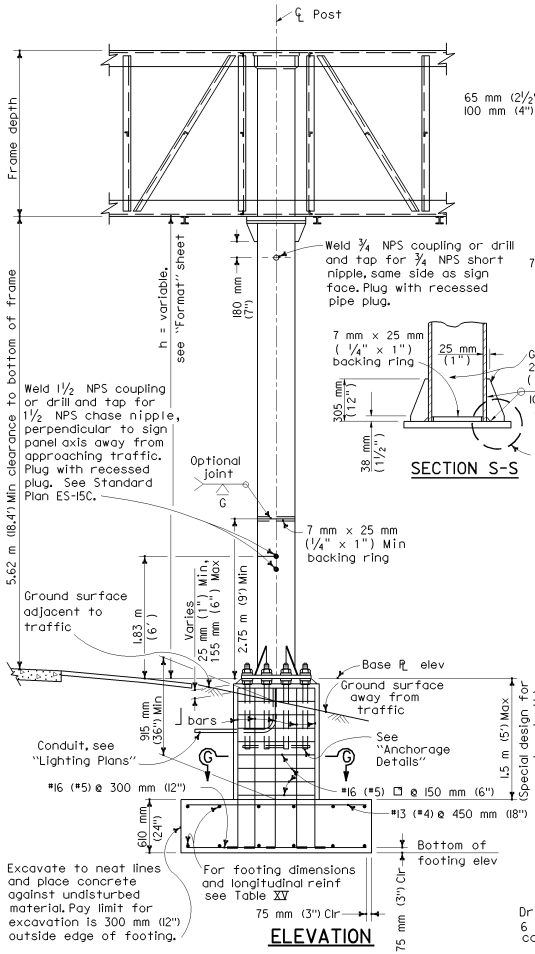
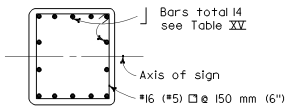
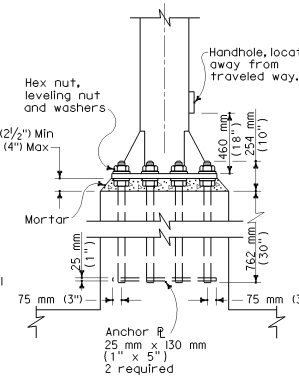


ELEVATION

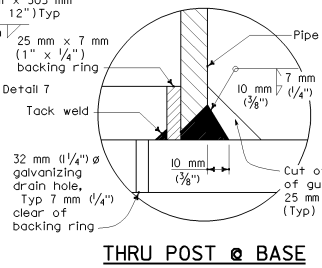


SECTION G-G



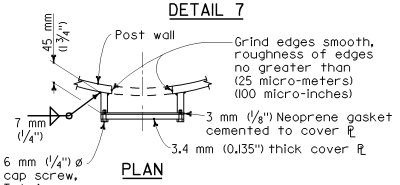
ANCHORAGE DETAILS

SECTION S-S

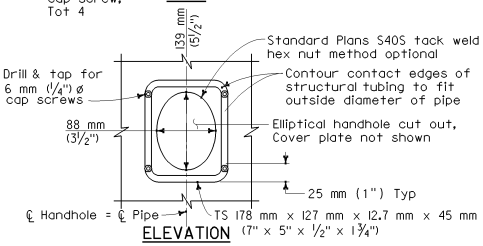


THRU POST @ BASE ℙ (NO COVER ℙ)

DETAIL 7

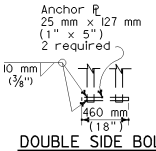


PLAN



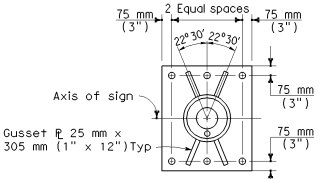
ELEVATION

TYPICAL DETAILS OF HANDHOLE AND COVER

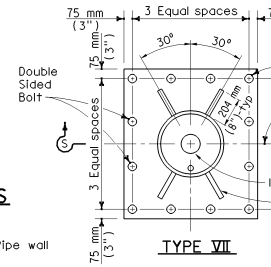


DOUBLE SIDE BOLT

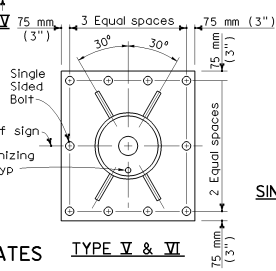
TYPE VII



TYPE II III & IV

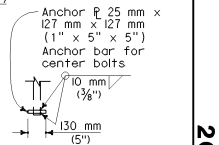


TYPE VII



TYPE V & VI

TYPICAL BASE PLATES



SINGLE SIDE BOLT

TYPE V & VI

TABLE XV

Post Type	Pipe Size NPS	Pipe Size "t" mm (in)	Cap Plate Size mm (in)	Base Plate Size (Note #2) mm (in)	51 mm (2") ø Anchor Bolts	Pedestal Size (Note #2) mm (in)	Footing Size (Note #2) m (ft)	Longitudinal Footing Reinforcement Top Bar	Longitudinal Footing Reinforcement Bottom Bar	⌋ Bars
II	12	9.53 mm (⅜")	483 x 483 x 22 (19" x 19" x ⅞")	712 x 635 x 51 (28" x 25" x 2")	6	890 x 815 (35" x 32")	2.2 x 3.1 (7' x 10')	6-#13 (#4)	9-#16 (#5)	#16 (#5)
III	14	12.7 mm (½")	508 x 508 x 22 (20" x 20" x ⅞")	788 x 686 x 51 (31" x 27" x 2")	6	965 x 865 (38" x 34")	2.5 x 3.7 (8' x 12')	6-#16 (#5)	8-#22 (#7)	#19 (#6)
IV	16	12.7 mm (½")	560 x 560 x 22 (22" x 22" x ⅞")	940 x 840 x 51 (37" x 33" x 2")	6	1120 x 1020 (44" x 40")	2.5 x 4.3 (8' x 14')	6-#16 (#5)	9-#25 (#8)	#19 (#6)
V	18	12.7 mm (½")	610 x 610 x 22 (24" x 24" x ⅞")	991 x 915 x 51 (39" x 36" x 2")	10	1170 x 1095 (46" x 43")	2.8 x 4.6 (9' x 15')	6-#16 (#5)	9-#29 (#9)	#22 (#7)
VI	20	12.7 mm (½")	660 x 660 x 25 (26" x 26" x 1")	991 x 915 x 51 (39" x 36" x 2")	10	1170 x 1095 (46" x 43")	2.8 x 4.9 (9' x 16')	6-#19 (#6)	8-#32 (#10)	#25 (#8)
VII	24	12.7 mm (½")	762 x 762 x 25 (30" x 30" x 1")	1093 x 991 x 51 (43" x 39" x 2")	12	1295 x 1195 (51" x 47")	3.1 x 5.2 (10' x 17')	7-#19 (#6)	10-#32 (#10)	#32 (#10)

NOTES

1. For "General Notes" see Standard Plan S1.
2. Longer sides of base plates, pedestals and footing shall be normal to axis of sign.
3. Backfill shall be in place prior to erection of post.
4. Thread upper 203 mm (8") of anchor bolts and galvanize upper 305 mm (12").
5. Spread footing shown, use Pile Foundation when shown on the Project Plans.
6. Anchor plates may be retained with hexagon nut or formed head as alternatives to details shown.
7. On single post sign structures, the post shall be raked out of plumb, with the use of the leveling nuts to make the bottom of the sign frame level.
8. At final position of post all top and bottom nuts shall be tightened against base plate.
9. When foundation is located on a steep slope with exposed face of concrete adjacent to traffic, see "Detail C" on Standard Plan S13.
10. Slope protection required when indicated on the Project Plans.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TRUSS SINGLE POST TYPE POST TYPES II THROUGH VII

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

S2

2002 DUAL UNITS STD PLAN S2

THIS STANDARD PLAN S2 INCLUDES CHANGES THAT WERE INCORPORATED IN REVISED STANDARD PLAN RSP S2, DATED OCTOBER 26, 2000, AND ISSUED AS A PART OF ERRATUM NO. 99-1 FOR THE 1999 METRIC STANDARD PLANS.