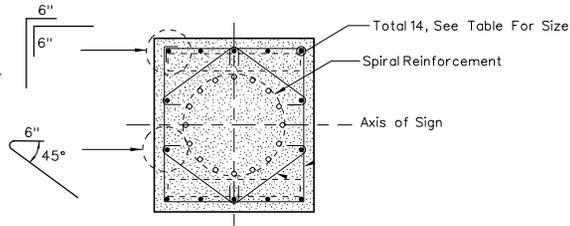


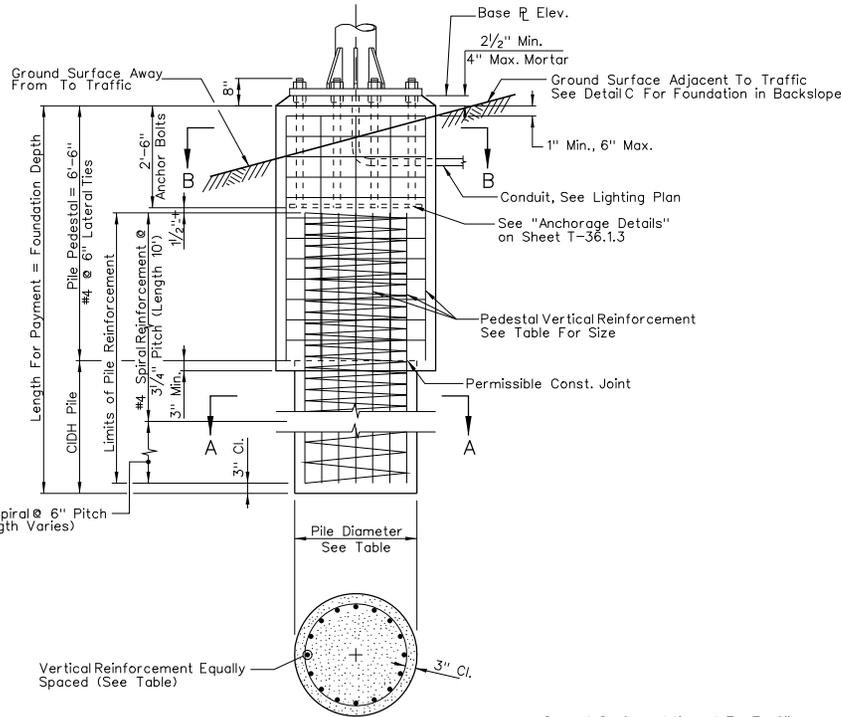
TYPICAL BENT
No. 4 BAR
DETAILS



SECTION B-B

POST TYPE	ANCHOR BOLTS	PEDESTAL SIZE	REINFORCING STEEL VERTICAL	STANDARD (SEE NOTE 8)		SPECIAL (SEE NOTE 8)	
				PILE DIAMETER	FOUNDATION DEPTH	PILE DIAMETER	FOUNDATION DEPTH
II	6 - 2"	2' - 11" x 2' - 10"	14 - #7	30"	14'	-	-
III	6 - 2"	3' - 2" x 2' - 10"	14 - #8	30"	14'	-	-
IV	6 - 2"	3' - 8" x 3' - 4"	16 - #8	36"	14'	-	-
V	10 - 2"	3' - 10" x 3' - 7"	16 - #9	36"	17'	-	-
VI	10 - 2"	3' - 10" x 3' - 7"	16 - #10	36"	18'	36'	21'
VII	12 - 2"	4' - 3" x 3' - 11"	16 - #11	36"	21'	42"	26'
VIII	12 - 2"	4' - 5" x 4' - 1"	16 - #11	36"	25'	42"	26'
I-S	6 - 2"	2' - 10" x 2' - 10"	14 - #7	30"	14'	-	-
II-S	6 - 2"	3' - 1" x 2' - 10"	14 - #8	30"	16'	-	-
III-S	6 - 2"	3' - 4" x 2' - 10"	14 - #10	30"	18'	-	-
IV-S	8 - 2"	3' - 6" x 3' - 4"	16 - #10	36"	19'	-	-
V-S	8 - 2"	3' - 9" x 3' - 4"	16 - #11	36"	22'	-	-
VI-S	8 - 2"	4' - 1" x 3' - 4"	16 - #11	36"	23'	-	-
VII-S	8 - 2 1/4"	4' - 5" x 3' - 11"	* 24 - #11	36"	25'	-	-
VIII-S	8 - 2 1/2"	5' - 0" x 4' - 4"	* 24 - #11	42"	32'	-	-

* BUNDLED PAIRS



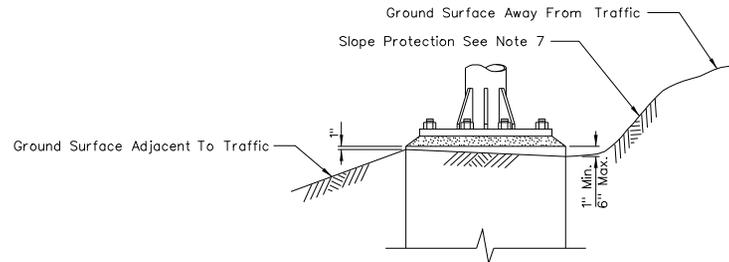
SECTION A-A

NOTES:

- FOR ANCHOR BOLT LAYOUT SEE POST SHEET T-36.1.3.
- FOR BASE PLATE ELEVATION, SEE CONTRACT PLANS.
- PEDESTAL SHALL BE CLASS A OR AA PCC. PILE CONCRETE CLASS D OR DA.
- LONGER SIDE OF BASE PLATES AND PEDESTALS SHALL BE ORIENTED PERPENDICULAR TO THE SIGN AXIS.
- PRIOR TO ERECTION OF THE POST, BACKFILL WHICH IS EQUIVALENT TO THE SURROUNDING MATERIAL SHALL BE IN PLACE.
- PEDESTAL SHALL BE FORMED 6" MINIMUM BELOW GROUND SURFACE. REMAINDER MAY BE PLACED AGAINST UNDISTURBED MATERIAL.
- SLOPE PROTECTION REQUIRED WHEN INDICATED ON THE CONTRACT PLANS.
- AN ALLOWABLE SKIN RESISTANCE OF 500 PSF WAS USED IN THE DESIGN OF ALL PILES EXCEPT THOSE FOR POST TYPES VI, VII, AND VIII. THE ALLOWABLE SKIN RESISTANCE (PSF) FOR POST TYPES VI, VII, AND VIII ARE AS FOLLOWS:

POST TYPE	VI	VII	VIII
W/ STANDARD PILE	590	810	700
W/ SPECIAL PILE	500	490	490

GEOTECHNICAL ENGINEER WILL REVIEW SITE CONDITIONS AND DETERMINE IF "STANDARD" OR "SPECIAL" PILES ARE APPROPRIATE FOR POST TYPES VI, VII & VIII. IF "SPECIAL" PILES ARE REQUIRED, THEY WILL BE DESIGNATED AS SUCH ON THE CONTRACT PLANS. UNLESS "SPECIAL" PILES ARE SPECIFIED IN THE PLANS, USE "STANDARD" PILE DIAMETER AND FOUNDATION DEPTH.



DETAIL C

T-83