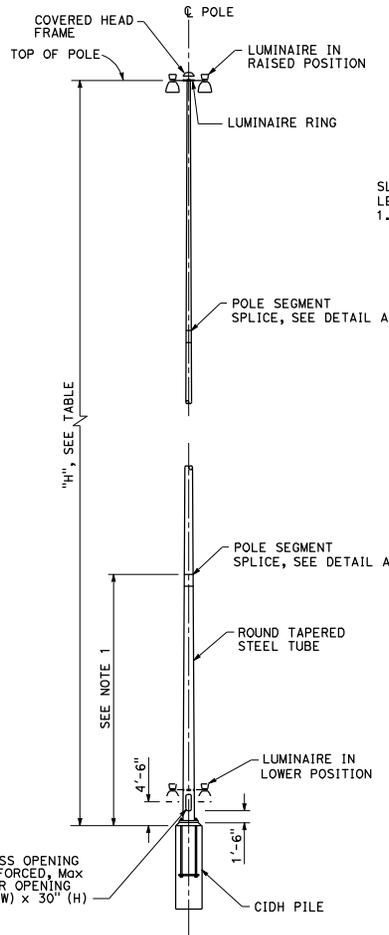
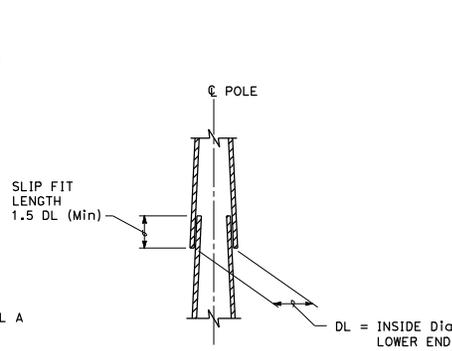


POLE TYPE	POLE DATA				BASE PLATE DATA				CIDH PILE DATA		
	HEIGHT "H"	Min OD BASE	Min THICKNESS BASE *	Dia	THICKNESS	ANCHOR BOLT SIZE		BC = BOLT CIRCLE	"D"	"L"	
						TOTAL	"d"				
HM 80	80'-0"	1'-6"	0.3125"	2'-4"	3"	12	1 1/2"	1'-11"	3'-6"	12'-0"	
HM 100	100'-0"	1'-8"		2'-6"			1 1/2"	2'-1"	4'-0"	13'-0"	
HM 120	120'-0"	1'-10"	0.375"	3'-2"			1 3/4"	2'-8"	5'-0"	14'-0"	
HM 160	160'-0"	2'-2 1/2"	0.5"	3'-6"			3'-0"	6'-0"	15'-0"		

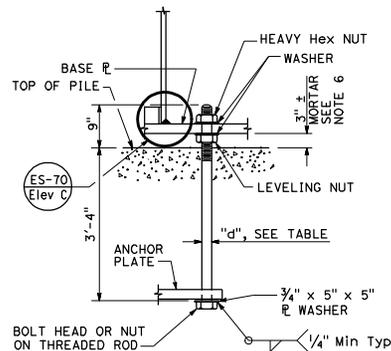
* WHEN USING ALTERNATIVE BASE, SEE ES-70, DETAIL C4 FOR BASE THICKNESS ADJUSTMENT.



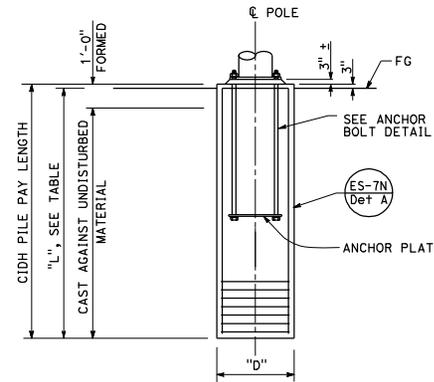
**POLE
ELEVATION A**



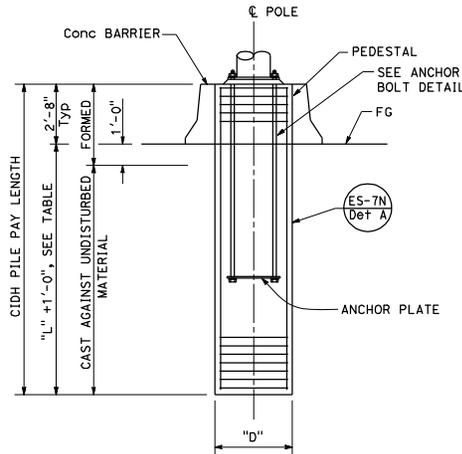
**POLE SEGMENT SPLICE DETAIL
DETAIL A**



**ANCHOR BOLT DETAIL
DETAIL B**

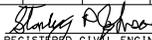


**TYPICAL LOCATION
ELEVATION B**



**MEDIAN LOCATION
ELEVATION C**

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


 REGISTERED CIVIL ENGINEER

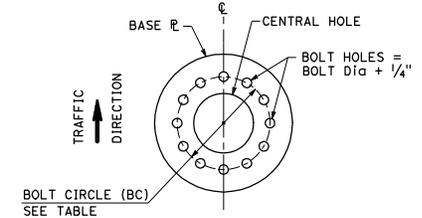
May 20, 2011
 PLANS APPROVAL DATE



THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. Pole details shall suit the lowering device and this foundation plan. Pole details shall be submitted to the Engineer for approval.
2. For number of luminaires to be mounted on the pole, see Electrical Plans.
3. Foundation design is based on a maximum of 10 luminaires. Design wind velocity 80 mph (fastest mile).
4. Slip fit length shall not be less than 1.5 DL.
5. Base plate shape optional.
6. For central void and drain holes in mortar, see ES-6B, Detail N.
7. Access opening shall be located on the downstream side of traffic unless otherwise determined by the Engineer.



**12-BOLT
BASE PLATE DETAIL
DETAIL C**
See Note 5

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**ELECTRICAL SYSTEMS
(LIGHTING STANDARD,
80' TO 160' HIGH MAST
LIGHT POLE)**

NO SCALE

ES-6J

2010 STANDARD PLAN ES-6J