



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

**Stanley P. Johnson**  
 REGISTERED CIVIL ENGINEER  
 No. CS793  
 Exp. 3-31-08  
 CIVIL  
 STATE OF CALIFORNIA

October 5, 2007  
 PLANS APPROVAL DATE  
 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 accompany plans dated \_\_\_\_\_

2006 REVISED STANDARD PLAN RSP ES-7D

E Projected Length	G Mounting Height	H	Min OD At Pole	Thickness	I Bolt Circle	HS Cap Screws	J Plate Size	K Arm R Thickness	L Pole R Thickness	θ	X Max
15'-0"	21'-8"±	17'-6"	6 5/8"	0.1793"	12"	1 1/4"-7NC-3"	1'-0"	1 1/4"	1 1/2"	23°	10'-6"
20'-0"	21'-8"±	16'-0"	6 5/8"								
25'-0"	22'-8"±	16'-0"	7 1/8"								
25'-0"	22'-8"±	16'-0"	7 1/8"								
30'-0"	23'-0"±	16'-0"	8"								

M Projected Length	N Rise	Min OD at Pole	Thickness	P Mounting Height Pole	35'-0" Pole
6'-0"	2'-0"±	3 1/4"	0.1196"	31'-6"±	36'-6"±
8'-0"	2'-6"±	3 1/2"		32'-0"±	37'-0"±
10'-0"	3'-3"±	3 3/8"		32'-9"±	37'-9"±
12'-0"	4'-3"±	3 3/8"		33'-9"±	38'-9"±
15'-0"	4'-9"±	4 1/4"		34'-3"±	39'-3"±

Pole Type	Load Case	Wind Velocity mph	POLE DATA			BASE PLATE DATA				Luminaire Arm	Signal Arm	CIDH PILE FOUNDATION							
			A Height	Min OD Base	Thickness	B Length	Bottom	Top	C			D1 Bolt Circle	Thickness	Anchor Bolts Size	Diameter	Depth	Reinforced		
16-2-100	2	100	18'-6"	8 1/4"	0.1793"	None	8"	6 5/8"	1'-6"	1'-5 1/2"	1 1/2"	2'φ x 42" x 6"	None	15'-0", 20'-0"	2'-6"	7'-2"	Yes		
17-2-100			30'-0"	6 5/8"		10'-0"												5 5/8"	6'-15'   2'-0"
17A-2-100			35'-0"	5 5/8"		15'-0"												5 5/8"	6'-15'   15'-0"
18-2-100			17'-0"	8 1/8"	None	None	None												
19-2-100			30'-0"	6 5/8"	10'-0"	6 5/8"	6'-15'   2'-0"												
19A-2-100			35'-0"	5 5/8"	15'-0"	5 5/8"	6'-15'   15'-0"												

□ Indicates arm length to be used unless otherwise noted on plans.

TYPE 17-2-100, 17A-2-100, 19-2-100, 19A-2-100  
 STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**ELECTRICAL SYSTEMS  
 (SIGNAL AND LIGHTING STANDARD  
 CASE 2 ARM LOADING  
 WIND VELOCITY=100 MPH  
 ARM LENGTHS 15' TO 30')  
 NO SCALE**  
 RSP ES-7D DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-7D  
 DATED MAY 1, 2006 - PAGE 440 OF THE STANDARD PLANS BOOK DATED MAY 2006.  
**REVISED STANDARD PLAN RSP ES-7D**