



LIST OF MATERIALS

DWG. REF.	QTY.	DESCRIPTION	ITEM	DET.	CODE No.
1	1	X-Arm, 3-5/8"x9-3/8"x req'd l., #92		TCD-92	
2	1	X-Arm, 3-5/8"x9-3/8"x req'd l., #94		TCD-92	
3	4	Plate, Ribbed Tie, 3"x9-1/2"x1/4"			
4	1	7/8" Threaded Rod, w/2 nuts			
5	2	7/8" Bolt, Machine, by req'd length	c		
6	3	3/4" Bolt, Shoulder Eye w/Washer Nut	o		
7	3	1/2" Bolt, Washer Head, w/Washer Nut	c		
8	2	Washer, Curved, 4" sq x1/4"x15/16" hole	d		
9	3	Washer, Spring, 15/16" hole	aw		
10	4	7/8" Locknut, MF Type	ek		
11	3	3/4" Locknut, MF Type	ek		
12	3	1/2" Locknut, MF Type	ek		
13	4	GUY ATTACHMENT, MEDIUM DUTY	-	TG_D	
14	6	GUY ATTACHMENT, _____ DUTY	-	TG_D	
15	1	POLE TIE, GUYING, MEDIUM DUTY	-	TG_B	
16	3	INSULATOR ASSEMBLY, TANGENT	-	TM_	
17	6	INSULATOR ASSEMBLY, DEADEND	-	TM_	
18	4	OHGW ASSEMBLY, DEADEND	-	TM-4_	

NOTES:

1. For an OHGW guy slope of 3V to 2H, the following minimum pole spacings are recommended:

LINE ANGLE	DIMENSION "A"
to 50° Max.	21'-6"
50° to 60° Max.	22'-6"
60° to 70° Max.	24'-6"
70° to 80° Max.	27'-0"
80° to 90° Max.	30'-0"

2. Drawing TE-2 gives guidance to subassembly alternatives.

3. For guying arrangements, see drawing TMG-15. A bisector guy is recommended for angles less than 60 degrees.

4. The following materials are to be specified on the plan and profile drawings and staking sheets: POLES, POLE GROUNDING ASSEMBLY, GUYING ASSEMBLIES, ANCHORS, AND ANY ADDITIONAL GROUNDING OR POLE FOUNDATION UNITS.

Use of any large angle double deadend structures will be determined by final project design.

TRANSMISSION LINE STRUCTURE

LARGE ANGLE DOUBLE DEADEND  
(230kv MAXIMUM)

Reissued 03/98

NO.	REVISION	DATE

TH-235