

**Chief Judge: John Thomas**  
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## **Double Dead End Bell Change Out** (both bells) **Team Event**

**Mean Time: 9:00**

**Drop Dead Time: 13:00**

### **Event Summary:**

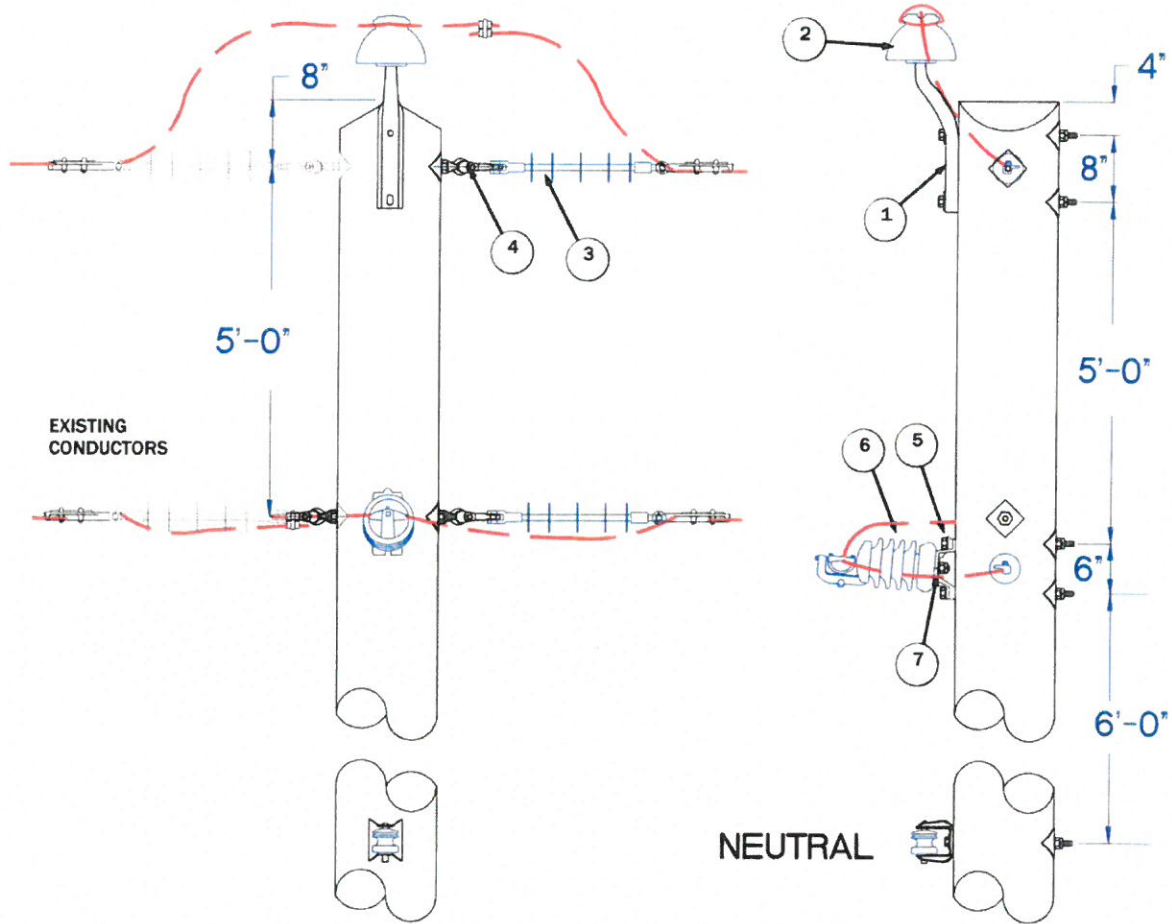
The object of this event is to change out both polymer suspension insulators on the top phase of a two phase straight line vertical double dead end. This is a hot event.

### **Event specifications:**

1. Teams will have 5 minutes to set up. All tools and cover-up must be kept off the ground using a tarp supplied by the competitor.
2. There will be two polymer suspension insulators at the base of the pole.
3. Time will start at the judge's signal.
4. The neutral and neutral clevis must be covered.
5. The top of the pole must be covered.
6. Minimum approach distance must be maintained, simulated 4KV voltage. (1' 9")
7. Both sides and the jumper of the bottom phase must be covered.
8. Time will stop when both feet of the last climber touches the ground.
9. All general rodeo rules apply.

TRUCK STOCK ITEMS	
QTY	DESCRIPTION
2	BOLT DA 5/8" X REQUIRED LENGTH
4	BOLT MACHINE 5/8" X REQUIRED LENGTH
8	WASHER SQ CURVED 3-1/4", .13/16" HOLE
2	WASHER SQ FLAT 2-1/4", .13/16" HOLE
2	OVAL EYE NUT
6	NUT PALNUT GALV 5/8"
3'	CABLE AL/CU BSD AVERAGE
2	CLAMP STRAIN 6-2/0 ACSR
1	CLAMP TOP AL 4-4/0
2	CONNECTOR, COMPRESSION, AVERAGE

FRM. CODE		O2WV-EX		MAJOR AND MINOR MATERIAL ITEM LIST	
ITEM	QTY	DESCRIPTION	PART #		
1	1	PIN POLE TOP 1" x 21" OFFSET	HUBBEL DP28P3		
2	1	INSUL PIN GRAY 27KV	HENDRIX HPI-25J-01		
3	2	INSUL SUSP 25KV/ONE PIECE POLY	MACLEAN DS-25M		
4	2	CLEVIS Y EYE, 90 DEGREES	MACLEAN YCE-30-90		
5	1	BRKT INSUL/HOR LP 23KV SHORT	MACLEAN HIB625		
6	1	INSUL LP HOR CLP/TP 23KV	MACLEAN 820072-11		
7	1	BOLT STUD 3/4" X 3" SHORT/LP INSUL	MACLEAN J25249.1		



**WOOD POLES  
O2WV-EX**

**JOURNEYMAN TEAM DEADEND INSULATOR REPLACEMENT**

REV.	ENG.	DESCRIPTION OF CHANGE	DATE
A	MTE	CREATED	1/8/20



**T & D 2 PHASE FRAMING STANDARD  
VERTICAL CONSTRUCTION  
LINE EXTENSION**