

CROSSARM CHANGE OUT

CHIEF JUDGE: BILLY WHITE, KUA

MEAN TIME: **5 MINUTES**

DROP DEAD: **8 MINUTES**

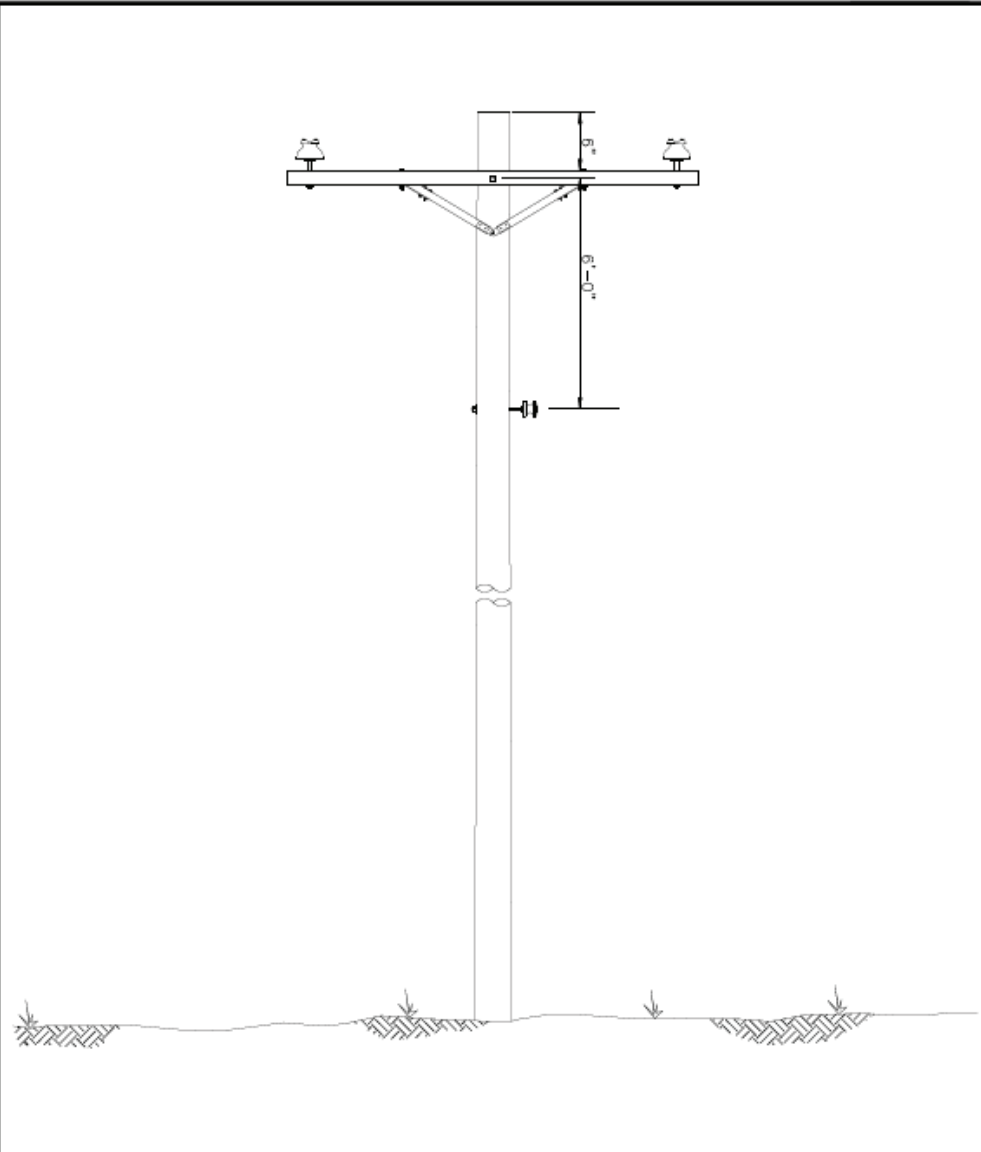
EVENT SUMMARY

Team will replace an 8ft wooden crossarm with wooden braces. The two-phase conductors will be 1/0 AAAC and are considered **DEAD** and **GROUNDED**. A complete set of all necessary hardware will be available on the ground at each event pole. The new cross arm will be assembled after time starts. Competitors will replace existing cross arm with new equipment and re-secure conductors with new preform ties. Grommets **CANNOT** be head ached. All hardware must be removed from cross arm with the nuts and washers back on the bolts before the event is considered complete

EVENT SPECIFICATIONS

1. Team will have 5 minutes to set up, and all tools must be laid out on a competitor supplied tarp in the designated work area.
2. Time starts at the judge's signal with the fall arrest system detached from the pole.
3. The new cross arm will be made up after the event starts.
4. Lineman may assist the ground man with rigging the new cross arm but will not be allowed to wear climbing tools while assisting without gaff guards on.
5. All conductors can be floated except for the neutral.
6. Conductors are secured on am F neck pin insulator with 1/0 aluminum preform ties. [Screwdriver may be used to remove wrap lock ties, no knives or pliers]
7. All bolts must be through the pole with the nuts on the crossarm side.
 - 5/8" crossarm through bolt
 - 1/2" through bolt for the braces
 - 3/8" bolt for the brace on the crossarm
8. After new cross arm is installed, conductors must be re-secured with new preform ties. [Screwdriver may be used to install wrap lock ties, no knives or pliers].
9. New grommets must be installed and old grommets **CANNOT** be dropped.
10. Time will stop when the work is complete and the last climber makes contact with the ground. The fall arrest must still be attached to the pole for inspection / verification of proper adjustment.

CROSSARM CHANGE OUT



Engineer: <u>MH</u>	SUBJECT: <u>OVERHEAD DISTRIBUTION</u>			 OUC The Reliable One®	Orlando Utilities Commission	OH120617
Drawn: <u>CG</u>	DETAIL: <u>GENERAL</u>					
Checked: <u>JA</u>	PHASE CLIP IN 8' WOODARM W/ FLATBRACES					
Approved: _____	NO.	DATE	REVISION			
Date: <u>12-06-17</u>	1					
	2					
	3					