

G135

Labor shall be based on the following:

Construction

- Install in accordance to the Construction Specification Drawing and Items #9 and #10 of the Specifications for Construction
 - On single phase framing use a ZM5-15B for the cutout and arrester
 - On three phase framing crossarm bracket will be used
- Complete continuity of all jumper connections
- Installation of all wildlife guards
- Check voltage on transformer secondary lugs for proper voltage before connection of secondary/service conductors
- Associated labor for construction in existing line (i.e. switching, cover up, etc)

Removal

- Any labor necessary to prepare for removal (i.e. de-energizing line, grounds, etc.)
- Remove Jumper from main line and stirrup
- Remove all related equipment and jumpers
- All Removed Material shall be returned to the District Storeroom in which the project is located

Replacement

- Removal of Specified Units including any associated labor required to remove Specified Units.(i.e. jumper removal, switching, install grounds, etc)
- Installation of Specified Units in accordance to the Construction Specification Drawing
- Installation of all wildlife guards
- For replacement of **same secondary voltage** - check secondary voltage on the existing transformer, if possible, then check secondary voltage on new transformer to verify the same secondary voltage before connection of the secondary/service conductors
- For replacement due to **new secondary voltage** - check the secondary voltage of new transformer for correct secondary voltage before connection of secondary/service conductors
- Labor and Temporary Material removed as needed during installation (i.e. "cover-ups, etc.")
- All Removed Material shall be returned to the District Storeroom in which the project is located

G150

Labor shall be based on the following:

Construction

- Install in accordance to the Construction Specification Drawing and Items #9 and #10 of the Specifications for Construction - Complete continuity of all jumper connections
- Installation of all wildlife guards
- Should a standard wood crossarm be used a crossarm protector is required. Alternative would be a specially treated wood crossarm or a fiberglass crossarm. Verify type of crossarm specified for the project.
- Check for correct primary line voltage before connection of primary transformer leads – Then check transformer secondary voltage for correct secondary voltage before making final secondary connection
- Associated labor for construction in existing line (i.e. switching, cover up, etc)

Removal

- Any labor necessary to prepare for removal (i.e. de-energizing line, grounds, etc.)
- Remove Jumper from main line and stirrup
- Remove all related equipment and jumpers
- All Removed Material shall be returned to the District Storeroom in which the project is located

Replacement

- Removal of Specified Units including any associated labor required to remove Specified Units.(i.e. jumper removal, switching, install grounds, etc)
- Install in accordance to the Construction Specification Drawing and Items #9 and #10 of the Specifications for Construction - Complete continuity of all jumper connections
- Installation of all wildlife guards
- Should a standard wood crossarm be used a crossarm protector is required. Alternative would be a specially treated wood crossarm or a fiberglass crossarm. Verify type of crossarm specified for the project.
- For replacement of **same secondary voltage** - check secondary voltage on the existing transformer bank, if possible, then check secondary voltage on new transformer bank to verify the same secondary voltage before connection of the secondary/service conductors
- For replacement due to **new secondary voltage** - check the secondary voltage of new transformer bank for correct secondary voltage before connection of secondary/service conductors
- All Removed Material shall be returned to the District Storeroom in which the project is located

G210

Labor shall be based on the following:

Construction

- Install in accordance to the Construction Specification Drawing and Items #9 and #10 of the Specifications for Construction
- Complete continuity of all jumper connections
- Installation of all wildlife guards
- Check secondary voltage on transformer bank for proper voltage before connecting secondary/service conductors
- Associated labor for construction in existing line (i.e. switching, cover up, etc)

Removal

- Any labor necessary to prepare for removal (i.e. de-energizing line, grounds, etc.)
- Remove Jumpers from main line and stirrups
- Remove all remaining equipment and jumpers
- All Removed Material shall be returned to the District Storeroom in which the project is located

Replacement

- Any labor necessary to prepare for replacement (i.e. de-energizing line, grounds, etc.)
- Removal of Specified Units
- Installation of Specified Units in accordance to Construction Specification Drawing and the Specifications for Construction
- Installation of all wildlife guards
- For replacement of **same secondary voltage** - check secondary voltage on the existing transformer bank, if possible, then check secondary voltage on new transformer bank to verify the same secondary voltage before connection of the secondary/service conductors
- For replacement due to **new secondary voltage** - check the secondary voltage of new transformer bank for correct secondary voltage before connection of secondary/service conductors
- Labor and Temporary Material removed as needed during installation (i.e. "cover-ups, etc.")
- All Removed Material shall be returned to the District Storeroom in which the project is located

G310/G311/G312/G313

Labor shall be based on the following:

Construction

- Install in accordance to the Construction Specification Drawing and Items #9 and #10 of the Specifications for Construction
- Check secondary voltage on transformer bank for proper voltage before connecting secondary/service conductors
- Complete continuity of all jumper connections
- Installation of all wildlife guards
- Associated labor for construction in existing line (i.e. switching, cover up, etc)

Removal

- Any labor necessary to prepare for removal (i.e. de-energizing line, grounds, etc.)
- Remove Jumpers from main line and stirrups
- Remove all related equipment and jumpers

Replacement

- Any labor necessary to prepare for replacement (i.e. de-energizing line, grounds, etc.)
- Removal of Specified Units
- Installation of Specified Units in accordance to Construction Specification Drawing and the Specifications for Construction
- Installation of all wildlife guards
- For replacement of **same secondary voltage** - check secondary voltage on the existing transformer bank, if possible, then check secondary voltage on new transformer bank to verify the same secondary voltage before connection of the secondary/service conductors
- For replacement due to **new secondary voltage** - check the secondary voltage of new transformer bank for correct secondary voltage before connection of secondary/service conductors
- Labor and Temporary Material removed as needed during installation (i.e. "cover-ups, etc.")
- All Removed Material shall be returned to the District Storeroom in which the project is located

G385

Labor shall be based on the following:

Construction

- Install in accordance to the Construction Specification Drawing and the Specifications for Construction
- Complete continuity of all jumper connections
- Installation of all wildlife guards
- Check secondary voltage on transformer bank for proper voltage before connecting secondary/service conductors
- Associated labor for construction in existing line (i.e. switching, cover up, etc)

Removal

- Any labor necessary to prepare for removal (i.e. de-energizing line, grounds, etc.)
- Remove Jumpers from main line and stirrups
- Remove all related equipment and jumpers

Replacement

- Any labor necessary to prepare for replacement (i.e. de-energizing line, grounds, etc.)
- Removal of Specified Units
- Installation of Specified Units in accordance to Construction Specification Drawing and the Specifications for Construction
- Installation of all wildlife guards
- For replacement of **same secondary voltage** - check secondary voltage on the existing transformer bank, if possible, then check secondary voltage on new transformer bank to verify the same secondary voltage before connection of the secondary/service conductors
- For replacement due to **new secondary voltage** - check the secondary voltage of new transformer bank for correct secondary voltage before connection of secondary/service conductors
- Labor and Temporary Material removed as needed during installation (i.e. "cover-ups, etc.")
- All Removed Material shall be returned to the District Storeroom in which the project is located

G5-1

Labor shall be based on the following:

Construction

- Install in accordance to the Construction Specification Drawing and Items #9 and #10 of the Specifications for Construction
- Complete continuity of all jumper connections
- Installation of all wildlife guards
- Associated labor for construction in existing line (i.e. switching, cover up, etc)

Removal

- Any labor necessary to prepare for removal (i.e. de-energizing line, grounds, etc.)
- Remove Jumpers and all related equipment
- All Removed Material shall be returned to the District Storeroom in which the project is located

Replacement

- Removal of Specified Units
- Installation of Specified Units in accordance to Construction Specification Drawing and Items #9 and #10 of the Specifications for Construction
- Installation of all wildlife guards
- Labor and Temporary Material as needed during replacement (i.e. "cover-ups, etc.")
- All Removed Material shall be returned to the District Storeroom in which the project is located

G5-2

Labor shall be based on the following:

Construction

- Install in accordance to the Construction Specification Drawing and relative specifications from the manufacture

Removal

- Removal of Specified Unit
- All Removed Material shall be returned to the District Storeroom in which the project is located

Replacement

- Removal of Specified Unit
- Install in accordance to the Construction Specification Drawing and relative specifications from the manufacture
- All Removed Material shall be returned to the District Storeroom in which the project is located

G5-3

Labor shall be based on the following:

Construction

- Install in accordance to the Construction Specification Drawing and relative specifications from the manufacture

Removal

- Removal of Specified Unit
- All Removed Material shall be returned to the District Storeroom in which the project is located

Replacement

- Removal of Specified Unit including any associated labor required for safe removal of Specified Unit (i.e. cover ups, etc)
- Installation of Specified Unit in accordance to the Construction Specification Drawing and relative specifications from the manufacture
- All Removed Material shall be returned to the District Storeroom in which the project is located