

Washington City Power Underground Standards

Significant Changes

Changes include:

1. Contractor training for contractors working on primary power in the Washington City Power area.
 - a. *Certification good for 2 years, update class required at no cost if in good standing.*
 - b. *Only contractors certified in this training can work in the WCP area*
2. Online submittals for Residential/Commercial developments and subdivisions
3. Fees have been updated. Additional fees have been added to account for time for the review, design and inspection of power equipment and solar installations. New fee's are annotated with a different color
4. Conduit depths have changed to 36" Secondary Power and 48" Primary Power
5. Conduits for risers have changed to allow for new materials, fiberglass,aluminum etc.
 - a. *Bridge switches added for backbone feeders (750)*
6. Primary wire sizes have been revised to 750 MCM for backbone feeds and 1/0 for all primary taps
 - a. *4/0 Primary wire was taken out of the standards*
7. Pulling tensions required for all primary cable installed in the Washington City power area
8. Provisions for directional boring added.
9. Cable identification was changed to match our GIS mapping system. It includes direction of cable run, ending equipment number and length of cable on the tags
10. Street lighting has been revised to allow for LED lighting and established a lighting standard with approved lighting. These lights are pre-approved to install in Washington City
11. Current Transformers section (CT) has been revised.
 - a. *CT's specified*
 - b. *Enclosures required and defined*
12. Protection of equipment is required on slopes greater than 12"
 - a. *Retaining of soils and protection of equipment defined*
13. Primary Vault grounding specs have been updated
 - a. *Larger grounding bar added*
 - b. *600 Amp vault specs added*
14. Primary switches have been changed from live front to dead front to increase safety and reliability
 - a. *Switch basements revised to fit both live and dead front switches*
 - b. *GIS procedures updated for equipment identification and cable labeling*