

Electrical Department

Subdivision Responsibilities

1. The City of Cameron will design, construct, and maintain the electrical distribution circuit in all subdivisions. This includes the installation of the transformers and necessary equipment associated with them.
2. The developer, builder, or electrician is required to provide a trench from the transformer to the house.
3. The City will provide the wire from the transformer to the house.
4. The City will provide the meter socket, which will be the responsibility of the electrician to install.
5. More detailed information on items 2-4 can be found in the departmental policies.
6. Street lights in new subdivisions will be installed by the City and will be placed at each intersection or approximately every 300ft.
 - a. The City will supply a standard street light and if this does not fit the developer's standards, the developer will be responsible for the additional costs

Electric Department Policies

A. General Requirements

1. ***The City will provide a 200-amp overhead or underground meter socket for residential service upgrades, or installed new.***
2. All meter sockets will be picked up (not delivered) after the necessary paperwork at City Hall has been filled out.
3. Trenching: **Notify the Electric Department at City Hall, at least 24 hours in advance of your dig, with the time and location, so the Electric Department can schedule you in without unnecessary delays.** Then the wire will only be placed in the ditch when the ditch meets City requirements. **(30 to 36" deep trench, clean and flat bottom)**
4. The City Inspector, or a replacement in his absence, will approve all permanent electric services before the service is completed.

B. Residential Services

1. Overhead Service

- a. The City will supply the wire from the pole to the mast.
- b. The City will supply the meter socket and a hub.
- c. The customer will supply the conduit, wire, and weatherhead to make the mast and install it.
- d. The City will provide an eyebolt if the point of attachment is going to be through the attic, but the customer will install the eyebolt. If the point of attachment is going to be on the mast, the City will provide a stack knob and install.
- e. All overhead services attached to the overhead wire shall be 2" rigid galvanized conduit.

2. Underground Services

- a. The customer will be required to supply a trench, 30 to 36" deep (clean and flat bottom), from the house (bottom of conduit) to the source.
- b. The City will supply the wire from the transformer to the meter socket and supply the meter socket.
- c. The customer will supply the conduit and connectors needed at the meter socket and any other conduit the City deems necessary. (i.e. under a driveway or a deck)
- d. The City will terminate the wire on the source side of the meter socket.

- e. If the underground is going from a pole to a meter socket on the house, the City will provide the conduit needed to go up the pole.
- f. If the customer wants the meter on the pole, a disconnect will be required and it will be supplied by the customer.
- g. With item (f), the customer will also be required to provide a mast of the correct height, but the City will hang the mast on the pole.
- h. If the customer wants to supply a garage and a house, the City will provide wire for both.

C. Apartments or Duplexes

1. These dwellings are treated as commercial properties as to what the City provides.

D. Commercial Services: (Due to the diversity of commercial loads and locations, these services will be a case-by-case basis.)

1. Overhead Services

- a. The business will supply the mast.
- b. The Business will be billed for the meter socket, but the electrician will receive the meter socket from the City and install it on 200-amp and below services.
- c. Depending on the load, the City may require the service to be a CT meter and will then install the metering and bill the business for the meter socket.
- d. The City will provide the overhead wire to serve the building.

2. Underground Services

a. Single Phase

- 1) The City will set the transformer.
- 2) The business (owner) will provide the trench to the transformer site. Trench shall be 30" to 36" deep, clean and flat bottom.
- 3) Conduit from the transformer to the building is the owner's responsibility (if necessary.)
- 4) Owner may supply wire from the transformer to the building, or the City will furnish the wire and bill the owner.
- 5) The electrician will install meter sockets unless it is CT metering. The socket will be billed out to the owner/business.

b. Three Phase

- 1) Business will provide and dig-in conduit and wire to the transformer site.
- 2) The City will run the high-voltage services to the transformer site.
- 3) The business will supply a reinforced concrete pad for the transformer. The City will provide a drawing with the measurements needed.
- 4) The City will terminate inside the transformer, install CT metering, and bill the business for the meter socket.

E. Outages

1. The City will reinstall power as quickly as possible. The safety of City crews and the public is the first priority.

2. On underground faults, the City will provide splicing, excavation, and materials.

3. In circumstances where the customer owns a "disconnect" that has failed, the City will rectify the problem and bill the customer for materials only.

4. Due to insurance and liability reasons, City crews are not to repair internal wiring problems. (I.e. on residential services, anything past the meter is the customer's responsibility.)