



## *Requirements for Installing Underground Primary from a Transition Pole*

**Pioneer # 937-381-0662**

The undersigned hereby applies to the member, builder or contractor, and agrees to the following terms and conditions:

1. All trenching and backfilling will be provided by a qualified, competent person. The trench shall be a minimum depth of **36 inches** below finish grade and installed along Pioneer Electric Cooperative (PEC) approved route. When this depth is unattainable, an alternate installation method may be approved by PEC on a case-by-case basis. You must provide for location of all underground facilities. **Contact OUPS @ 1-800-362-2764.**
2. Furnish and install a PEC approved conduit system consisting of one, 2-1/2 inch **electrical grade Schedule 40 PVC** conduit per phase. **Electrical grade Schedule 80 PVC** conduit will be installed where the Cooperative determines that greater load-bearing strength is required; ex. under driveways. The maximum length is 500 feet per conduit run. Conduit runs greater than 500 feet may require additional equipment to be installed. All conduit bends shall be with **electrical grade Schedule 40 PVC** sweep conduit sections, with no more than **three, 3-foot sweeping 90-degree bends** in any conduit run of 500 feet or less. In addition, all conduit sections vertically extending out of the conduit trench shall be electrical grade Schedule 40 PVC. All exposed conduit is to have an unglued cap installed to prevent water ingress. When the conduit terminates at the pole, conduit shall be flush against pole and it shall be extended 1 foot above ground level and capped in accordance with the Cooperative approved method.
3. If deemed necessary by PEC design and application requirements, install a Pioneer-furnished switch box or splice box in accordance with the Cooperative's specifications.
4. Install box pads and equipment pads, as required and provided by PEC, in accordance with the Cooperative's specifications.
5. Install a pull string or tape with a minimum breaking strength of 150 pounds in each conduit, with additional five feet of pull string or tape secured to each unglued end cap.
6. Call PEC for inspection when conduit is installed. It is the responsibility of the landowner or developer to contact PEC at least 2 business days prior to inspection being needed. **Inspection shall be done PRIOR to backfilling.** If the ditch is not inspected prior to backfilling, it will be the landowner's responsibility and at their expense to **re-open** the trench for PEC to inspect. If the ditch does not pass inspection, PEC has the right to refuse any electrical service hook up until all work has been completed to meet the required specifications.
7. Install an electrical warning tape a minimum of 12 inches above the conduit and backfill the trench. The trench must be backfilled before PEC can pull in the conductor.
8. If underground must be installed to an energized padmount transformer:
  - ◆ **YOU WILL BE RESPONSIBLE FOR ALL DIGGING.**
  - ◆ **PRIOR** to installing the conduit/sweep 90—Landowner or Contractor is **REQUIRED** to contact PEC (937-381-0662) at least two (2) business days in advance to schedule a PEC employee to assist with installing the sweep 90 into the energized enclosure.
  - ◆ Inspection of trench and conduit will be done by Cooperative personnel after conduit installation is complete and before landowner or contractor can backfill.

It is understood by the Member that all equipment installed on or about the premises in which PEC provides electric energy is the property of PEC. PEC's agents and employees are authorized to enter upon the premises to inspect, disconnect, reconnect and/or remove equipment of the Cooperative.

**Date** \_\_\_\_\_ **Service Address** \_\_\_\_\_

**Member Name** \_\_\_\_\_

**Signature (as printed above)** \_\_\_\_\_

*By signing this document, I acknowledge that I have read the terms and understand and agree to these terms.*

