TRENCHING 2.5", 4" AND 6" DUCT INSTALLATION

See SR-232, Fused Junction Cabinet (F2)
SR-233, Transformer 30 Pad-Mount
SR-234, Junction Cabinet (J-2)
SR-240, Box Pad, Switch
SR-235, Junction Cabinet (J-1)
SR-209, Transformer 10 Pad-Mount, Pedestal, & J-10

NOTES:
1. All horizontal radius bends in a duct system shall be 12.5' minimum for 2.5" (PVC), 4" and 6" (Smooth-Cor) ducts, with the exception of 2.5" Wave-Rib or Dura Line can be 4' minimum, however 12.5' is preferred. The vertical radius bends at risers and pad-mounted equipment shall be 3' for 2.5" and 4" conduits and 4' for 6" conduits. The total of all deflections shall not exceed 360° in any continuous duct run between outlets. Refer to reference standards above.

2. Horizontal and vertical direction changes in the duct at the coupling shall not exceed 5°.

3. All inactive duct ends shall be closed with appropriate duct plugs.

4. Joints shall form a continuous smooth interior surface between joining duct sections to prevent cable damage.

5. For duct and concrete encasement specifications, see SR-205. Concrete encasement of vertical sweeps required for duct runs of more than 150 feet in length or any length with a combination of 270° (or more) of bends, not to exceed 360°. Ducts entering pullboxes must be horizontal with the box and concrete covered 10' from the box.

6. For bedding and backfill material specifications see SR-207.

7. For mandrel pull see SR-205.

8. Do Not trench under TEP / UES underground equipment without the presence of an Access Crew. For conduit installation into existing underground equipment, contact Access at 918-8300 (761-7952 UES) to assist with the conduit placement.