

We're committed to providing safe and reliable power to our neighbors. When new structures need to be installed for electric transmission line projects it's our responsibility to ensure the foundations provide adequate support for the structures. We do that by soil boring. The soil and rock sampling process begins with moving drilling equipment near the proposed structure foundation. Care is given as crews access the right of way and safety and environmental stewardship are top priorities during this process. Drill crews operate the drilling rig while the geologist or engineer monitors the process. Using an auger, the crews drill down to a pre-determined depth at or near the planned foundation location. A hollow tube is inserted into the ground filled with soil and then removed. After the drill crews open the tube the geologist records a visual analysis of the sample. The soil is placed in a glass jar and then labeled with the drilling location and collection depth. The process is repeated at multiple intervals and the hole is filled in before crews move on to the next boring site. The collected samples are taken to a lab for analysis and tested for classification and strength properties. This information is then used to design the foundation for each structure location's specific soil condition. The soil and rock properties also give the foundation construction crews the information they need to work safely and efficiently in the field. We understand that this work may impact property as we access the right of way depending on weather and soil conditions and we will do our best to minimize disruption. We will communicate with property owners before we begin our work.