

# GETTING TDS FIBER TO YOUR BUILDING

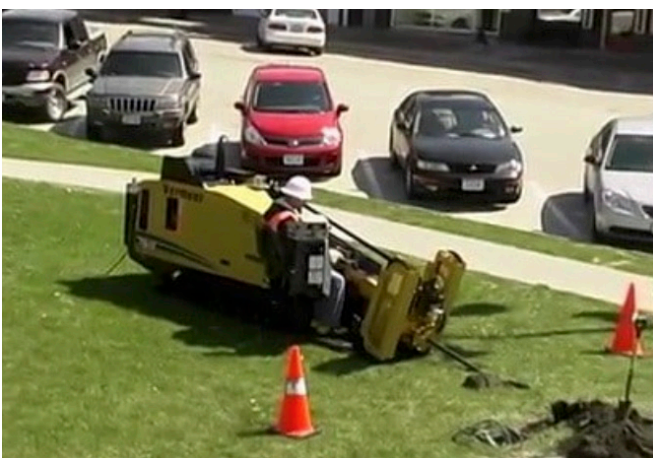
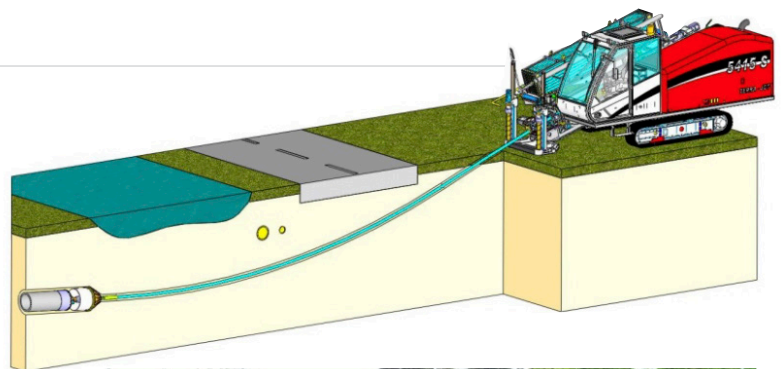
In order to deliver cutting-edge fiber services to your business or property, TDS must install a fiber-optic cable from a pedestal or hand hole to the building.

Our certified Field Technicians will perform a site survey to determine the best method for delivering fiber services to your business or property.

- **Aerial** – If your current services are being delivered via aerial cables (on telephone poles), we may install our fiber-optic cable the same way.
- **Existing Conduit** – If there is existing conduit running underground to the building, we may pull our fiber-optic cable through the existing conduit.
- **Burying** – If the existing conduit will not work, or if there is no conduit to begin with, we may need to bury the fiber-optic cable in the ground. The process of burying the cable may require drilling into the building. If drilling is required, a small opening—approximately 5/8"-3/4" in diameter—will be needed. The opening will be fully sealed when the installation is complete.



The burial process may also require trenching or boring to navigate underneath driveways, parking lots, sidewalks, and other obstacles.



The conduit runs the fiber-optic cable up the exterior side of the building to a fiber slack box, which houses the access point to the building. Depending on the building, we may need to enter the attic to install fiber to each suite.



## NETWORK EQUIPMENT INSTALLATION

The proper location for your network equipment will be determined during the initial site survey. It could be located inside the building, outside the building, or both. After establishing a fiber connection, TDS will determine if the existing interior wiring can be used, or if a new wiring will be needed for each suite. Here are some examples of the network equipment that may be installed:

> **Fiber Box** – Installed indoors or outdoors, approximately 10" x 10"



> **Optical Network Terminal (ONT)** – Always installed indoors, can be centrally located or individually located in each suite depending on the building, approximately 6" x 6"



> **Fiber Jack** – If fiber is deployed to each unit in a building, a fiber optic jack would be installed in each unit. The jack is approximately 4¼" X 6½".

