

Construction Timeline

Pre-Installation

Before construction, our survey crews will be in the neighborhood performing site surveys and on-site examinations of the proposed work area, including the ground and utility poles.

To ensure a smooth construction process and avoid damage to underground utilities, we begin by marking the ground using flags or paint. These service markers indicate the location of other utility lines and are necessary to protect existing services.

We perform Resident Notification outreach within neighborhoods via [door hangers](#) and door knocking.

Fiber Installation

We use multiple installation techniques tailored to the specific site conditions and our capacity to serve households while minimizing disruption to the community efficiently. Above all, the most significant importance is community and resident safety, including vehicular and pedestrian traffic.

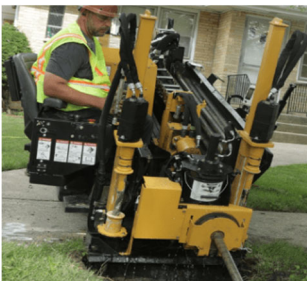
We install fiber along the designated route, ensuring proper connectivity and minimal disruption. Installation methods include either being attached to existing utility poles or being underground within a conduit.

Aerial Installation



- We attach fiber cable to existing utility poles
- This method applies in areas with existing overhead structure
- Installation requires approval from pole owners
- Includes engineering review of pole loading and structural integrity

Underground Installation



- Requests to State 811 to identify and mark all existing utilities within the work area, which will be a combination of water-based paint and marking flags
- Verification of existing utilities within the intended work area via potholing, which is a safety practice to avoid disruption in services
- Installation of conduit via horizontal directional drilling
- Connection of conduit as well as placement of handholes and flowerpots
- Installation of fiber cable and splicing to be ready for customer service

Restoration

- After installation, we clean up by collecting tools and materials, removing debris, securing cables, sweeping the area, and performing a final inspection. We aim to leave the installation area clean and organized, ensuring the fiber is securely installed and ready for use.
- Even with the use of less intrusive construction methods, the process of installing new facilities can be messy. Restoration of landscaping to a previous or better condition is critical to our construction process. In doing so, the homeowner often receives instructions to care for the new area, most of which revolve around watering instructions. New seed and sod will require water to properly root and grow so this is a critical step in ensuring proper restoration.