

STANDARD SERVICE DROP

Glossary

- **Multiport Service Terminal (MST)** – provides multiple fiber ports for service connections
- **Network Interface Device (NID)** – junction box usually installed outdoors for conversion from outdoor to indoor connection
- **Optical Network Terminal (ONT)** – device that converts between electrical and optical signals at the customer location
- **Cat6** – Category 6 cable uses 4 unshielded, twisted-pair wires to carry up to 1 Gbps data signals up to 100 meters
- **Uninterrupted Power Supply (UPS)** – a device that can provide short-term backup electrical power for connected devices, not provided by WCF

Outdoor Construction:

- Each location receives a single dedicated underground or aerial drop.
- Fiber path will follow existing utilities
- WCF will provide materials, including the fiber drop and NID.
- Installation of underground service requires a consultation appointment and construction.

Indoor Installation:

- Customers who sign up during the initial subscription period will receive a town subsidy to go towards their standard installation, including the ONT and Cat6 to a WiFi router, usually installed on the first floor.
- Custom installations will incur additional charges based on labor and material.
- In the event of a power outage, the ONT and router will need to be powered by a generator to continue service.

