

Scope of Work

*****This project requires underground trenching that's partly through asphalt/concrete. Site visit is required.*****

Overview:

- Need to install approximately 300 ft of new single mode fiber underground between 2 existing building.
- Replace network switches in each building.
- Replace SFPs as necessary to accommodate new fiber and new network switches.

Fiber Specifications:

- Single Mode
- Direct burial/plenum rated
- 8 strand
- Terminated
- Estimated 300 feet
- New patch panel on each end (if necessary/recommended)

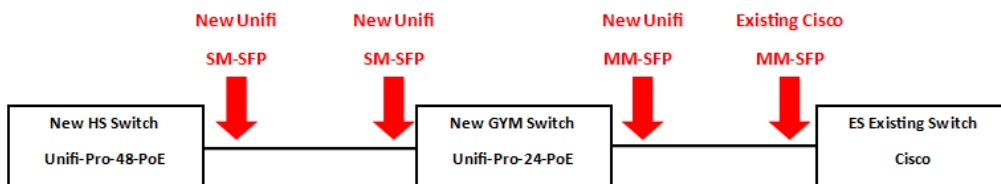
Network Equipment Specifications:

- Ubiquiti Unifi Pro 48 Port PoE Switch X 2
- Ubiquiti Unifi Pro 24 Port PoE Switch X 1
- Compatible Single Mode SFP X 2
- Compatible Multi Mode SFP X 2 (These are for existing mmf uplink)
- Necessary fiber patch cables

Other Items:

- Secure conduit for fiber from ground up exterior of each building.
- Fiber installation through exterior walls X 2.

Network Diagram:



Approximate Fiber Run Between Buildings:

