



Telecom Engineering

At Planview USL, our industry leading telecom design services integrate Engineering, GIS and Subsurface Utility Engineering to support ISPs throughout their network asset lifecycle starting with initial planning and including pre-engineering design, structural analysis, full design, permitting, operational and GIS management.

PRE-DESIGN SERVICES:

- **LiDAR Collection and Extraction.**
- **Landbase-as-a-Service.** Access 2D CAD files as a byproduct of your LiDAR collection.
- **1View.works.** Enable remote teams to access point cloud and street imagery for preliminary design purposes and asset management.
- **Network Route Planning.** Find the optimal path to connect more customers.



DESIGN SERVICES:

- FTTH Design
- Pole Line Loading and Design
- Fibre Optic, Copper and Coaxial networks
- Underground and Aerial Design
- 5G Infrastructure Design
- Splicing Design
- 3rd Party Permitting
- Specialty Permitting (rail, bridge, waterway, MTO, pipeline, etc.)
- Manhole & Duct bank Design
- BAU/MSA ongoing Design
- Greenfield Network Expansion
- Design standards to align with your GIS Application and Asset Management Programs

POST-DESIGN SERVICES:

- Construction Inspection
- Joint Use Attachment Inspection and/or audit
- As Built Detail Conversion into GIS
- MultiViewer utility data sharing platform manages the secure distribution of As Built records to support utility locates.