



Grow Network Bandwidth with OSP Construction Services

Exploding demand for AI technologies is accelerating the need for data superhighways.

Network Connex offers complete outside plant (OSP) services for fiber network operators, municipalities, and enterprises looking to extend their data networks across buildings, through a city, or beyond.

Our teams:

- Ensure quality and efficiency by assigning highly specialized outside plant technicians who are experienced in both underground and aerial fiber construction.
- Futureproof networks by using the latest splicing technologies and both proprietary and industry-recommended methods for all OSP fiber applications.
- Assure connectivity using the most advanced fiber optic testing equipment and a fully trained technical staff including engineering support.
- Provide full visibility through build management tools and GIS applications that track OSP engineering, field changes, construction, and final project acceptance.



Teams are prepared with the right heavy equipment and tools for all underground and aerial fiber placement needs to help our customers build next-generation communication networks.

OSP Construction Services

Fiber Construction

- Locating
- Conduit & duct bank installation
- Subducting
- Cable installation
- Manhole/handhole placement
- Excavating
- Directional boring
- Specialty drilling
- Proofing & blowing
- Relocations
- Emergency restoration with 24/7/365 response

Fiber Splicing

- Ribbon fiber
- Single fiber fusion splicing
- Rollable/peelable ribbon fiber
- Microfiber
- Singlemode/multimode
- High count mass fusion splicing
- Connectorization

Fiber Testing

- Power meter & OTDR documentation
- Optical identifiers
- Fiber characterization
- Documentation
- Troubleshooting
- Performance validation

Professional Services

- Design & engineering with Professional Engineers licensed in all 50 states
- Permitting
- Easement acquisitions
- Utility coordination
- Project management
- Program management
- Construction management

Our expertise

- Aerial & underground networks
- Data center campuses
- Telecom huts
- Metro routes
- Fiber optic backbone & long haul
- Middle mile
- Special projects



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Network Connex is your single source for mission-critical infrastructure deployments. With resources throughout the US, we provide our partners and customers with wide availability, exceptional industry knowledge, and the rapid response needed for successful projects.