



## OSP Design Engineer JOB DESCRIPTION

At Archtop Fiber, our mission is to be the true fiber of your community.

We believe in the power of local connectivity and dedication to bridging the digital divide in rural and suburban cities across the Hudson Valley and beyond. We have seen how larger cities often receive priority for broadband infrastructure upgrades, leaving smaller communities underserved.

Our commitment extends beyond providing reliable Internet and Phone services – We're not just living and working in Kingston, NY we are fully committed to our awesome community. From our fantastic **community programs** to fueling economic growth with improved connectivity and an abundance of tech-driven jobs, we're all about bringing fun and excitement to our neck of the woods!

The OSP Design Engineer is part of Archtop Fiber's OSP Engineering and Construction team and will support Outside Plant (OSP) engineering and design needs, as well as collaborating with the GIS Department. This position will work closely with the Sr. Manager of OSP Engineering and GIS in support of Archtop's 100% fiber optic cable buildout and expansion needs.

### **What you'll do:**

- Travel to customer sites to procure OSP project information, determining equipment requirements and best routing of OSP Plant.
- Conduct pole surveys and geographic information systems (GIS) surveys to engineer and design the fiber network while updating and maintaining OSP databases as needed.
- Design and prepare detailed work plans for construction or rearrangement of existing fiber optic cable, aerial, underground lines and all related splicing designs with documentation.
- Actively seek to resolve delays quickly and efficiently during the life cycle of the project.
- Work in collaboration with all Company departments: OSP Construction, Network Operations, Sales, Marketing, Field Operations.
- Coordinate with contractors, public utility companies, and customers to ensure the proper design and applications requested.
- Understand the proper deployment for XGSX FTTH/FTTP, PON, and transport fiber telecommunications infrastructure.
- Manage the prioritization of projects to best achieve Archtop's planned schedules and budgeted forecast.



**What you'll bring:**

- Four-year degree preferred but not mandatory. Consideration based on years of experience.
- 5+ years of experience in OSP Engineering and OSP Construction in a Service Provider environment.
- Thorough knowledge of other utilities and related utilities infrastructure.
- Detailed knowledge of FTTx and PON designs, including both centralized and distributed splits and splicing architectures.
- Working knowledge of OSP and ISP construction practices, including aerial plant, buried plant, underground plant, intra/inter building plant, and related NESC and OSHA approved practices.
- The ability to work independently under minimal supervision – must be driven and be able to define work tasks based upon project goal and corporate objectives.
- Must have strong communications skills – verbal and written.
- Must possess a valid state driver's license.

**What we offer:**

- Competitive salary 70-120K
- Heavily subsidized medical, dental, and vision
- Holidays, PTO, and Flexible work schedules
- 401(k)
- Employee Assistance Program (EAP)
- Life insurance, short & long-term disability insurance
- Employee Referral Program
- Employee discount programs

Archtop Fiber is proud to be an Equal Opportunity Employer. We celebrate diversity and are committed to creating a welcoming and inclusive environment for all.

Send resumes to [Careers@archtopfiber.com](mailto:Careers@archtopfiber.com), or [Cfrainan@archtopfiber.com](mailto:Cfrainan@archtopfiber.com)