
Position:	Outside Plant Engineer	Type:	Full Time
Location:	Kingston, NY	Date Added:	9/19/23

Position Summary

The Outside Plant Engineer is part of Archtop Fiber's Engineering & Technology group 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.

Responsibilities

- Travels to customer sites to procure OSP project information, determining equipment requirements and best routing of OSP Plant.
- Conducts pole surveys and geographic information systems (GIS) surveys to engineer and design the fiber network while updating and maintaining OSP databases.
- Designs and prepares detailed work plans for construction or rearrangement of existing fiber optic cable, aerial, underground lines, and buried feeders.
- Actively seeks to resolve delays quickly and efficiently during the life cycle of the project.
- Serves as a liaison between the Company, OSP Construction Managers, contractors, public utility companies, and customers.
- Understand the proper deployment for FTTH/FTTP, PON, and transport fiber telecommunications infrastructure.
- Have an in-depth understanding of outside plant facilities such as cable sizing, cable counts, and cable records.
- Manage the prioritization of projects to best achieve Archtop's planned objectives.
- Follow engineering standards and work as per market engineering specifications.
- Local travel to job sites to support engineering directives and attend field meetings as needed.
- Adhere to the scope, budget, and schedules for existing and new OSP projects.
- Communicate with Licensing or Permitting authorities to assist in the progression and completion of a project.
- Be a continuous subject matter expert. Expected to be a go-to resource.
- Act as an ambassador and promoter of Archtop Fiber and Archtop's products. Ensure a positive Company image by working closely with trusted partners, external customers, community leaders, regulatory groups, and others.
- Other related tasks as assigned.

Qualifications

- “Can do” attitude and a desire to help others. Must foster a team environment approach and be willing to participate at all levels.
- Four-year degree in Engineering, Telecommunications, or related field from an accredited college or university. Equivalent professional experience also considered.
- 5+ years of progressive experience in OSP Engineering and OSP Construction in a Service Provider environment.
- Thorough knowledge of easements, rights-of-way, permitting, and other requirements associated with the use of public and private property.
- 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.
- Ability to create accurate cost budgets and properly forecast project completion schedules.
- Must have a strong focus on quality and network sustainability (99.999% up time).
- 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.
- Demonstrated ability to thrive in a team environment. This includes the willingness and desire to share information, work collaboratively, and help others – both inside and outside of the Engineering & Technology group.
- Must be a US citizen.
- Must possess a valid state driver’s license.

Compensation and Benefits

- Full-time
- Salary – \$75,000 - \$90,000/yr.
- PTO & Holiday Pay
- 401k with Company Match
- Medical, Dental & Vision plan options

How to Apply

Interested applicants must submit a resume and cover letter (detailing how they meet our requirements and how this position aligns with their career goals) via email to career@archtopfiber.com.