
Position:	Director Plant Infrastructure Engineering	Type:	Full Time
Location:	Kingston, NY	Date Added:	March 2, 2023

Position Summary

The Director Plant Infrastructure Engineering is part of Archtop Fiber's Engineering & Technology group and will support our Outside Plant (OSP), Inside Plant (ISP), and facilities engineering needs. This position will work closely with the VP Engineering & Technology and others in senior leadership to establish and maintain Archtop's plant infrastructure, including our 100% fiber optic cable plant and network hubsite buildings, cabinets, and colocations. The Director will be required to create and manage an internal team that includes OSP Engineering, ISP Engineering, GIS, and Facilities Engineering & Management. The Director will also be responsible for sourcing and managing external Architecture & Engineering (A&E) vendors in the process of creating Archtop's OSP network. In addition, budgeting and forecasting are critical components for success.

Responsibilities

- Leverage knowledge of OSP, ISP, and facilities management to create and maintain all related infrastructure.
- Work collaboratively with Construction, Project Management, Director Network Engineering, Director Network Operations, outside A&E partners, vendors, municipalities, and various levels of management.
- Build a team to support Archtop's long-term OSP Engineering, ISP Engineering, GIS, and Facilities Engineering needs in a manner that aligns with Archtop project plans. This includes recruiting, hiring, and leading direct reports.
- Procure and manage external A&E resources as needed, include aligning expectations with trusted partners to support build requirements.
- Standup GIS / inventory mapping systems and create detailed documentation of Archtop's infrastructure and topologies – new and pending.
- Develop, implement, and maintain OSP/ISP Engineering Best Practice documentation to govern our design and deployment methodologies. Must align with generally accepted industry practices.
- Research and evaluate new hardware, materials, and construction practices to support our constantly changing service provider environment. Focus on cost-savings, positive impact, scalability, and reliability.
- Spearhead new plant installations by accurately, thoroughly, and efficiently detailing requirements to stakeholders. Accuracy is a must. Construction drawings, permit applications, splicing diagrams, documentation, and other required materials.
- Provide "dashboard" status updates for OSP projects, create accurate cost budgets, and properly forecast project completion schedules.
- Participate in network planning and network deployment strategies development.

- Be a continuous subject matter expert. Expected to be a go-to resource.
- Provide assistance as needed to other teams for implementation, troubleshooting, and repair of network connections and customer deployments.
- Participate in equipment/materials vendor selection and 3rd party A&E vendor selection and maintain strong relationships with Archtop's vendors.
- 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.
- 7 - 10+ years of progressive experience in leadership roles within a Service Provider environment. Experience in construction environments is a plus.
- Four-year Engineering degree from an accredited college or university. MBA or MS Engineering Management degree is preferred. Equivalent professional experience also considered.
- Demonstrated abilities to manage internal and external resources.
- Comfortable working with all levels of internal management, external trusted partners, community stakeholders, and governmental officials.
- Detailed knowledge of all areas of OSP and ISP engineering. Must be able to manage, mentor, coach, and instruct internal teams accordingly.
- 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.
- Strong abilities 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.

Compensation and Benefits

Competitive salary and benefits package

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 careers@archtopfiber.com