



JOB POSTING

Position: Associate Engineer

MBC is currently seeking a candidate for an Associate Engineer to join the Network Operations team.

Mid-Atlantic Broadband Communities Corporation (MBC) owns and operates an extensive open-access fiber optic network, providing wholesale optical transport services to communities throughout the southern Virginia region. Created in 2004, MBC's mission is one of economic revitalization and development in rural Virginia, working closely with communities and regional economic development groups to bring state-of-the-art broadband transport services to the area and help drive private sector investments in our region.

Primary Responsibilities of position:

- Compiles data required for the preparation of work plans or work order drawings.
- Assists with preparation, maintenance, and auditing of fiber assignments in Node Distribution Panels and OSP cables.
- Prepares miscellaneous reports, spreadsheets, and correspondence as directed.
- Compiles data required for the preparation of railroad permits, joint use pole permits, utility make-ready requests, and VDOT permits.
- Acquires the necessary field information, record verifications, and prepares documents required for new projects.
- Assists with coordination of access to professional/private facilities (i.e. schools, hospitals, public/private land), as needed.
- Assists with engineering the fiber cable network according to specific installation requirements; coordinates with others on the design and build team as necessary.
- Assists with field site meetings with developers, construction crews, customers, government municipalities, etc. as necessary per project specifications; field checks design layouts.
- Reports anomalies to project management stakeholders as necessary and fosters resolution.
- Assist in auditing and maintaining records for OSP and ISP assets and equipment inventory in nodes and various locations. Participates in field work for asset audits.
- Provides administrative field support (as required) to both internal and external service providers interacting with customers, construction crews and government municipalities as needed in the coordination and completion of construction timelines.
- Develops working knowledge of aerial and underground cable design and rearrangements, cable placement and splicing methods and practices, cable protection.
- Develops knowledge of basic circuit design, transmission, distribution methods, and ability to use OTDR equipment for continuity and fiber integrity verification.
- Develops knowledge of equipment installation in MBC rack spaces and customer locations, to include but not limited to switches, NIDs, media converters, power supplies, fiber jumpers, etc.
- Assists in site surveys to provide clear estimates for customers

Requirements:

- Associate's degree in related field or equivalent experience.
- Must have strong organization and time management skills
- Must pay attention to detail
- Must have excellent communication skills
- Must have a strong math aptitude
- Strong computer skills including Microsoft Office suite and Google
- Basic Telecom knowledge is preferred but is not required.
- Experience using AutoCAD software and ArcGIS is a plus

MBC offers competitive salaries and comprehensive benefits to include medical, dental, vision, short- and long-term disability coverages, life insurance and 401(k) retirement. MBC is an EEO employer and will consider all applications without regard to race, marital status, sex, age, color, religion, national origin, disability or any other characteristic protected by law.

**Submit cover letter and resume to Human Resources at hr@mbc-va.com or
1100 Confroy Drive Suite 4, South Boston, VA 24592.**