

OSP Lead Construction Inspector

DEPT: Fiber	FLSA: Non-Exempt
DIV:	EEOC: Technicians
DATE: January 2023	



POSITION SUMMARY

Performs a variety of lead fiber network construction and inspection activities to ensure the requirements of the project design, specifications, regulations, and industry practices are being met in a safe, efficient, and meticulous manner. This position delivers the quality assurance of all construction activities, providing confidence that requirements are being met consistently.

SUPERVISION RECEIVED

Works under the general supervision of the Fiber Technical Project Manager

SUPERVISION EXERCISED

May provide close to general supervision to Fiber Inspector(s) while in training or on a project-by-project basis.

ESSENTIAL FUNCTIONS

Oversee construction crews when they are performing construction duties including; utility locating, potholing, boring, trenching, plowing, excavation, duct proofing, cable placement, restoration and clean up.

Overseeing daily, on-going Fiber-to-the-Home (FTTH) construction activities.

Maintain orderly daily report sheets, recording of all materials being placed throughout the project and properly managing the project documents. Support the delivery, receipt, and storage of OSP materials.

Prepare daily records which include a description of the construction activity, time of day, location, daily weather conditions, crew members, equipment make and model, names of visitors, irregularities, and corrective action regarding compliance with the drawings, specifications, permits and traffic plans.

Close supervision of all fiber optic cables being installed via air blown, microfiber. Be responsible to record these various values from the microfiber blowing equipment, air pressure, track speed and track pressure, once everything is running smoothly, record how many feet per second the machine is most efficient running at, etc.

Responsible for construction quality, routine inspections, and true up of all billable quantities when compared to invoiced quantities. Perform audits of materials being stored at designated material storage areas as required by the State of Utah.

Perform quality inspections on work currently performed or work that has been recently completed, utilizing established checklists and/or other quality related documents. Witness all splicing and testing activities to ensure our standards are being met.

Use GIS device, Google Earth, and supporting tools to record location data of various OSP facilities such as: Trenching, boring, conduit, Hand-holes, FDH cabinets, splice locations, hand hole/vault locations, power poles, aerial footages etc.

Determining the ideal location for new above- and below-ground facilities and equipment based upon the NEC and Lehi City specifications and standards.

Perform all staking requirements daily. All materials will be placed by the contractor and the inspector will collect the GIS data for all materials installed so we have accurate, As-Built drawings being created in the field, daily. Perform redlining staking sheet duties daily to record daily progress and to be recorded into our utility blue-staking software each evening.

Be on premises for BAU (Business as Usual) work starting at 6:30am to 5:30pm for field work-type inspections, staking responsibilities and duct proofing activities.

Work closely with the contractor's personnel and assist in all aspects of the project while maintaining a team attitude, work ethic and culture.

Occasionally required to work evenings, and overtime as the project needs dictate.

Work as an assistant to the Fiber Technical Project Manager.

Other duties and assignments as requested or directed.

MINIMUM QUALIFICATIONS

1. Education and Experience:

- A. Graduation from high school or GED and Bachelor's degree in computer science or related field of study or specialized training provided through vocational college or professionally sponsored certificate programs.

AND

- B. Four (4) years of progressively responsible experience performing above or related duties;

OR

- C. An equivalent combination of education or experience.

2. Knowledge, Skills, and Abilities:

Through knowledge of underground and aerial fiber optic systems and construction methods, including, technologies and installation methods for fiber-to-the-home (FTTH) projects; **strong working knowledge** of telecommunications industry standards and NESC codes and specifications; easement and right-of-way specifications; current Lehi City Design Standards and Specifications; **working knowledge** of GIS and Google Earth software; Microsoft Office (Word, Excel, Teams, etc.). Any experience with network cabling, CCTV, WIFI would be a great added bonus.

Ability to read and interpret maps; work independently for extended hours if necessary to insure that all fiber facilities are properly and accurately placed; keep accurate records prepare reports as directed; exercise proper judgment and fairness when working with an angry or confused contractor; communicate effectively, verbally and in writing. Ability to operate the appropriate staking equipment and/or field equipment associated with this position. Must be able to identify issues that will cause delays and apply innovative solutions within industry standards and the NEC to proactively eliminate various roadblocks; Ability to lift and carry up to 75lbs and push and/or pull 50-pound loads at a time. High degree of focus and attention to detail/strong organizational skills; Superior time management and strong attention to detail. Ability to work face to face with home owners, business owners, construction crews & many various city departments daily.

3. Special Qualifications:

Must possess a valid Utah Driver's License.

4. Work Environment:

Tasks require constant walking, bending, stooping, and driving from site to site daily. Safely work near power lines and electricity. Conditions will range from extreme heat, dust, dirt and construction debris in the summer to extreme cold, rain, mud, snow and ice in the winter. Personnel may encounter confrontational contractors or the public, and must exercise self control and proper judgment at all times.

Disclaimer: The above statements describe the general nature, level, and type of work performed by the incumbent(s) assigned to this classification. They are not intended to be an exhaustive list of all responsibilities, demands, and skills required of personnel so classified. Job descriptions are not intended to and do not imply or create any employment, compensation, or contract rights to any person or persons. Management reserves the right to add, delete, or modify any and/or all provisions of this description at any time as needed without notice. This job description supersedes earlier versions.

I _____ have reviewed the above job description. Date: _____

(Employee)