



**Position Title:** OSP Engineer Design/Drafter

**Location:** Lincoln, NE

**FLSA Status:** Non-Exempt

**Reports to:** Outside Plant Manager

**Date Revised:** October 11, 2021

**Position Summary:** The OSP Design Drafter produces Outside Plant (OSP) CAD/GIS prints and associated work packages. The primary function of this position is to provide maintenance and reporting on all company fiber and splicing records.

**Essential Functions:**

- Create and modify detailed drawings for fiber optic construction projects using OSPInsight.
- Provide fiber splicing diagrams and project plan packages.
- Own database updates and plant record upkeep.
- Check and update drawing plans versus as-builts for accuracy and conformity to project plans.
- Collaborate with field engineering and inside plant (ISP) engineering to provide record information and reporting to management teams and/or Board of Directors.
- Research permit requirements on all projects.
- Serve as primary point of contact (POC) with government entities for municipal and right-of-way (ROW) permitting.
- Perform other functions and duties as assigned.

**Qualifications:**

- Experience in base-mapping, GIS and layering required.
- Fundamental understanding of Outside Plant running line, conduit, and cable design for fibers optics.
- Experience navigating issues pertaining to public right-of-way (ROW), private easements, and existing utilities (water, sewer, gas, et al) for road projects and fiber builds.
- Knowledgeable in city, county, state, and local municipality permitting requirements.
- Able to translate field notes into design drawings.

- Preference given to candidates with working knowledge of OSPInsight, Diggers Hotline, SharePoint, and Smartsheet.

**Requirements:**

- Two-year technical degree in telecommunications or related field required. One to two years of experience in related area preferred. Experience in related area may replace educational requirements.
- Experience reading CAD prints, fiber prints, and civil road project prints.
- Must be able to multi-task in a fast- paced environment.
- Advanced computer skills along with CAD or drafting experience is a plus.
- Proficient in Microsoft Office products.
- Must have a valid driver's license.

**Working Environment:**

- Primarily indoor office work (8am – 5pm)
- Sitting for extended periods of time
- Vision requires eyesight sufficiently strong enough to permit extended close work and normal color perception to perceive and update splicing records
- Lifting of up to 50 lbs.
- Some work and meetings completed outside office and outside normal business hours.

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