



2021

Line Designer

The Line Designer is a position reporting to the Line Design Project Engineer. This position will be required to provide distribution and transmission designs, specifications, estimates and drawings to the project engineer. This position requires an interest in learning additional design and drafting software, and an interest in power systems and design of electrical distribution and transmission lines.

PRIMARY DUTIES & RESPONSIBILITIES:

- Complete initial field surveys and data collection for line design project
- Organizing and formatting project data collected in field for use on line design projects
- Input material and labor estimates into client software
- Prepare line design construction drawings using drafting software
- Assist engineer in preparing equipment, material, and construction specifications
- Assist engineer in preparing line design calculations and documentation
- Assist engineer with construction support and pole field staking
- Provide overhead and underground distribution and transmission line designs based on provided project criteria and applicable standards

EDUCATION REQUIREMENTS

- Associate's Degree in electrical systems or related field

POSITION REQUIREMENTS

- 3-5+ years of experience as electrical drafter/designer
- Proficient in Microstation and AutoCAD software or PLS CAD
- Software experience: MS Office, AutoCAD & Microstation

POSITION QUALIFICATIONS

- Ability to travel, up to 20%
- Ability to work in field/on-site in outdoor conditions as needed on projects for data collection and construction support
- Excellent interpersonal skills as well as verbal and written communications skills
- Effective time management skills and ability to balance various assigned project tasks
- Primary Location: Arnold, Missouri or Collinsville, Illinois