

COMMUNICATIONS DESIGN SPECIALIST III

PURPOSE AND NATURE OF WORK

Position is responsible for network planning and engineering of all broadband networks, project management of major engineering initiatives, and generating detailed engineering documentation to support the installation, configuration, and ongoing operations of the network. Incumbents work under the general direction of the Communications Outside Plant Supervisor and have no supervisory responsibilities, but may serve as a lead to other specialists (including assigning related tasks) and assisting with performance reviews of specialists.

ILLUSTRATIVE EXAMPLES OF WORK (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.)

The Communications Design Specialist III may be required to perform all duties of the Communications Design Specialist II plus:

- Responsible for systems engineering on mapping and integrating into other systems
- Integrates LFT Fiber tools in the field
- Supports managers and directors in management of the Design Engineering Department
- Performs related work as required

NECESSARY KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of and ability to apply the following appropriate to the level of work in a communications system providing telephone, television and data communications to homes, government, and businesses.:

- All knowledge, abilities, and skills of the Communications Design Specialist II
- GIS and drafting systems
- GIS web services, both internal and external, troubleshooting and deployment
- GIS data integrations, troubleshooting, and problem resolution
- Cybersecurity
- Service delivery challenges (Campus design, Commercial, MTU, etc.) resolution
- Ability to form and maintain effective working relationships with other LFT Fiber personnel, customers, elected officials, and general public.
- Ability to communicate clearly, verbally and in writing.

DESIRABLE QUALIFICATIONS

Bachelor of Science or Applied Science in Computer Science, Electrical Engineering, Telecommunications Engineering, or a closely related field

NECESSARY QUALIFICATION

Experience as a Communications Design Specialist II or equivalent.