

## **COMMUNICATIONS DESIGN SPECIALIST II**

### **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. The Design Specialist II differs from the Design Specialist III in that the latter assigns work to other design specialists, integrating designs into other systems, and working with LUS Fiber management in reporting and budgeting. Incumbents work under the general direction of the Communications Outside Plant Supervisor and have no supervisory responsibilities.

**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 II may be required to perform all duties of the Communications Design Specialist I plus:

- Completes applications and submittals for state and federal grants
- Evaluates design standards for cost effectiveness
- Assists in developing material standards and keeps current with industry best practices
- Designs and drafts system maps with new commercial, MDU and residential developments, including special and complex projects.
- Monitors and engages in permitting processes
- Manages projects to ensure timely completion
- 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 I
- Public bid process, including bid evaluation
- Computer operating systems and relevant GIS software systems
- Maintenance of GIS system connections to their datasets (Oracle and SQL).
- Ability to form and maintain effective working relationships with other LUS 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, or Telecommunications Engineering, or a closely related field

### **NECESSARY QUALIFICATION**

Experience as a Communications Design Specialist I or equivalent