**Class Summary**

The responsibilities of this classification include hands on oversight of staff and expertise for installing, maintaining, repairing and inspecting traffic signal and street lighting systems.

**Distinguishing Characteristics**

This is the second level in a two level series. This classification is distinguished from the Traffic Signal Technician I by its technical expertise and advanced responsibility for the electronic operation and troubleshooting, electrical wiring, and maintenance of street lighting systems. This level of the classification series may, in addition to the above, also encompass the responsibility of leading other staff.

**Examples of Duties**

*Perform the duties of a Traffic Signal Technician I and the following:*

1. Document all work and system communications and equipment changes.
2. Order equipment and maintain inventory of required materials.
3. Program, repair and maintain CCV and video detection systems
4. Analyze marked utility locates, determine any utility conflicts, make decisions to resolve conflicts.
5. Request underground utility locates for all underground construction as necessary or required.
6. Program, install, and troubleshoot fiber optic systems.
7. Design, install and repair systems and system communications.
8. Act as community liaison between cities and King County. Coordinate work activities of Traffic Signal Technicians.
9. Perform duties of supervisor on an as-needed/as directed basis.
10. Evaluate staff training needs and ability to safely perform assigned work program
11. Train and assist staff to be able to locate underground wiring conduit and boxes for utility contractors
12. Direct trained staff to locate underground wiring, loops conduit and power distributionboxes for utility contractors.
13. May direct staff to respond or take corrective action.
14. Assist outside or inside crew as needed in special or emergency situations.
15. Perform other duties as assigned

**Knowledge/Skills**

Knowledge of electrical/electronic theory and troubleshooting skills

Knowledge of workload planning and scheduling

Knowledge of line worker and utility company standards and practices

Knowledge of techniques, tools, equipment and procedures for working on energized circuits

Knowledge of construction principles and practices

Knowledge of traffic control and communication systems

Knowledge of the occupational hazards and safety precautions of working in and around traffic

Skill in providing leadership and direction to others

Skill in handling multiple competing priorities

Skill in operating hand and power tools and electronic testing equipment

Skill in verbal and written communication

Skill in map reading, in reading and interpreting electronic schematic and logic flow diagrams

Ability to effectively engage in and sustain relationships with people from diverse cultures and socio-economic backgrounds

Ability to work independently and as a team member

Demonstrated proficiency with business applications, such as Microsoft Office suite

**Education and Experience Requirements**

Any combination of education and experience that clearly demonstrates the ability to perform the job duties of the position

**Licensing, Certification and Other Requirements**

Valid Washington State Driver’s License

Traffic Signal Technical Level II certification

Interstate Commercial Driver’s License (some positions)

Some licenses, certifications and other requirements determined to be necessary to meet the business needs of the employing unit may be required

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| **FLSA Designation** | Non-Exempt |
| **Service Status** | Career Service |
| **EEO Code** | 3 |
| **Levels within same series** | Traffic Signal Technician ITraffic Signal Technician II |
| **Class History** | 12/2016 - Created |