

**Intelligent Transportation Systems Specialist II**Salary Group: B21
Class Code: 9861

| <u>CLASS TITLE</u> | <u>CLASS CODE</u> | <u>SALARY GROUP</u> | <u>SALARY RANGE</u> |
|-------------------------------------------------------|-------------------|---------------------|----------------------------|
| Intelligent Transportation Systems (ITS) Specialist I | 9860 | B19 | \$42,244 - \$68,960 |
| ITS Specialist II | 9861 | B21 | \$48,278 - \$78,953 |
| ITS Specialist III | 9862 | B23 | \$55,184 - \$90,393 |
| ITS Specialist IV | 9863 | B25 | \$63,104 - \$103,491 |

GENERAL DESCRIPTION

Performs complex (journey-level) intelligent transportation systems technical and design work. Work involves analyzing, designing, and implementing automated traffic management systems, as well as coordinating the installation, testing, troubleshooting, maintenance, and repair of intelligent transportation systems devices and equipment. Works under general supervision, with moderate latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Coordinates the installation, implementation, and upgrade of local area networks, intelligent transportation systems, and related equipment.

Provides technical support, guidance, and training related to intelligent transportation systems and equipment.

Conducts testing on hardware, software, and on intelligent transportation systems.

Analyzes, researches, and recommends hardware and software needs.

Assists with the design and development of intelligent transportation systems, which includes analyzing user requirements, writing design documentation and methods, evaluating systems hardware and software, and preparing work diagrams and data flow charts.

Assists with reviewing and monitoring contracts related to intelligent transportation systems.

Assists with writing or revising specifications, amendments, and contract provisions related to intelligent transportation systems.

Assists with coordinating traffic studies, analyzing traffic data, determining needs, and preparing plan layouts for traffic projects related to intelligent transportation systems.

Assists with performing adjustments and minor repairs on equipment as needed.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in intelligent transportation systems analysis, design, or computer programming. Graduation from an accredited four-year college or university with major coursework in computer science, electrical engineering, or telecommunications is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of intelligent transportation systems, design and documentation methodologies, and contract development and management.

Skill in analyzing and organizing business and technical data; problem solving and critical thinking; coordinating the work of others; and using a computer and applicable programs, applications, and systems.

Ability to follow instructions; to analyze equipment and to resolve problems; to read and interpret applicable plans, schematics, blueprints, and maps; to learn new intelligent transportation system technologies; and to communicate effectively.