

**Intelligent Transportation Systems Specialist III**

Salary Group: B23

Class Code: 9862

<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 highly complex (senior-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. May provide guidance to others. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Designs and develops 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.

Conducts testing on intelligent transportation systems and on hardware and software; and develops and maintains testing procedures, plans, and documentation.

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

Maintains intelligent transportation systems' laboratory test equipment, such as simulators and traffic signal controllers.

Coordinates traffic studies, analyzes traffic data, determines needs, and prepares plan layouts for traffic projects related to intelligent transportation systems.

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

Reviews and monitors contracts related to intelligent transportation systems and equipment; and writes and/or revises specifications, amendments, and contract provisions related to intelligent transportation systems and equipment.

May prepare correspondence and reports related to intelligent transportation systems.

May assist with adjustments and repairs on equipment related to intelligent transportation systems.

May provide guidance to others.

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; to communicate effectively; and to provide guidance to others.

