

Specification for Class of

TRAFFIC SYSTEMS OPERATIONS SPECIALIST  
**Abolished Effective June 1, 2005**

Definition: In a Department of Transportation traffic management center, serves as a single journey-level or journey-level lead shift operator of the electronic communications systems responsible for receiving, transmitting, and coordinating roadway conditions and services requirements via multi-frequency base stations. The incumbent is accountable for all decisions and actions taken on a shift. Monitors and operates freeway traffic control systems, operates computer enhanced information distribution systems on the roadway and for the media, monitors electronic, video, and computer systems and, where assigned adjusts environment control systems for enclosed roadway sections.

Typical Work

Assists the supervisor with the operation of a shift by keeping the supervisor apprised of emergency or unusual incidents in progress and by taking control of the system during these incidents when necessary;

Assists in the evaluation of new or modified equipment; may assist with the development of specifications for the acquisition of new equipment;

Assists in maintaining, publishing and distributing necessary directories and other publications and reports;

Assumes complete responsibility for the supervision of the radio and environmental system control in the absence of the supervisor, providing control, direction, and guidance to all personnel and keeping command personnel informed as necessary;

Provides the supervisor with documentation on personnel work performances during the supervisor's absence;

Evaluates productivity and efficiency of work unit and works closely with the supervisor to establish policies and procedures and to promote uniformity of operations;

Acts as a primary trainer for on-the-job training given to new employees;

Responsible for monitoring video, traffic sensors, and environmental systems to determine the occurrence of incidents

such as fire, stalled vehicles, accidents, disturbances in pedestrian tunnels, and malfunctioning equipment; analyzes the magnitude of an incident and adjusts system controls in response to current conditions; Where present, monitors and operates fire control, fire suppression systems and adjusts environmental control systems for enclosed roadway sections; May be responsible for training or orientation of new TSOS1s and 2s.

Works with radio and maintenance personnel to recognize potential problems and system malfunctions so appropriate repairs can be made;

Where assigned, transmits work orders to maintenance crews and equipment operators for emergency or regular maintenance repairs to roads, signs, bridges, lights, signals, radios or mechanical equipment and other intelligent transportation systems devices;

Utilizes computer terminal to receive and disseminate roadway conditions regionwide; performs various functions within the transportation system's monitoring center and monitors the traffic system's control terminal;

Receives information from the public by telephone and in person; records, evaluates, and disseminates reports of accidents, traffic hazards, disabled vehicles, complaints, and initiates appropriate action; makes appropriate computer entry and maintains appropriate files and records as required;

Receives and transmits road and weather information, snow and pass reports, road restrictions and avalanche control information from and to fixed stations and mobile units;

Performs the duties of the Traffic Systems Operations Specialists 1 when staffing requires;

Performs other work as required.

Minimum Qualifications: Two years of experience as a Traffic Systems Operation Specialist In Training or two years of experience as a principal radio operator or dispatcher using multi-band, two-way radio equipment and personal computers.

NOTE: If positions are co-located with the Washington State Patrol Communications Centers, uniforms may be required, and background checks WILL be required.

New Class: 4-15-94

Revised definition and minimum qualifications, title change (formerly Traffic Systems Operations Specialist 2), general revision: 11-09-01