I.T.S. COORDINATOR (TRANSIT)

DISTINGUISHING FEATURES OF THE CLASS: This is coordinating and technical work involving responsibility for maintaining and overseeing the day-to-day operations of the Department of Public Transportation's transit system technologies (e.g., Rockland County's Fixed Route Intelligent Transportation System). The work is performed under the direct supervision of the Director of Administration and Research. Does related work as required.

TYPICAL WORK ACTIVITIES:

Coordinates the development and implementation of transit systems technologies, including hardware and software applications, as they relate to intelligence transportation systems (ITS) and related systems;

Oversees the day-to-day operations and maintenance of Rockland County's ITS systems;

Acts as liaison and provides guidance to Rockland County's bus operator, and Department of Public Transportation staff, County departments and agencies, etc. regarding ITS systems and projects;

Conducts field investigations for on-site ITS systems in monitoring maintenance activities, including those that may occur after normal work hours or on weekends;

Participates in training programs related to the use of technology for ITS systems;

Establishes procedures, guidelines and standards for the monitoring and evaluating ITS systems;

Prepares, reviews and provides recommendations regarding technical specifications for new and existing technology for ITS;

Collects, organizes, and evaluates transit data and information regarding the County's public transportation operations (e.g., ridership, on-time performance, service reports, fare revenues, ITS-related data);

Provides transit related information to the media and the public;

Upgrades hardware, software and network problems related to PC/server performance as it relates to ITS program and projects;

Acts as liaison to various federal, New York State and local agencies regarding ITS programs and projects;

Acts as liaison with County vendors to gather required ITS-related data and provide services for ITS systems;

Acts as the ITS project manager by consulting with Department of Public Transportation staff regarding deployment, troubleshooting technical problems, coordinating technical staff, documenting and maintaining records of service and expenditures, scheduling onsite visits between the various vendors and the County bus operator, etc.;

Develops and coordinates all system network, data storage, back-up and retrieval processes to preserve all ITS-related information;

May provide assistance with emergency planning and transportation response activities, including those that may occur after normal working hours and on weekends;

May provide assistance in developing and implementing public transportation system programs, budgets, procedures and long-term plans with federal, New York State, County and Department of Public Transportation policies.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:
Thorough knowledge of the principles and practices of Fixed Route Intelligent Transportation Systems (ITS) including hardware and software systems; good knowledge of the County of Rockland's public transit system*; good knowledge of the principles and practices of computer system administration, including troubleshooting and systems development; ability to organize and coordinate projects as they relate to public transportation Intelligent Transportation Systems (ITS); ability to understand and interpret complex written material; ability to prepare written material; ability to communicate effectively, both orally and in writing; ability to establish and maintain cooperative relationships with others.

MINIMUM QUALIFICATIONS:

1. An Associate's degree and five (5) years of professional or technical experience in systems or network administration, systems analysis, programming or engineering, automotive technology, maintenance and/or electronic system support, at least three (3) years of which involved the planning, development, implementation or maintenance of Intelligent Transportation Systems (ITS) projects** <u>or</u>

2. A Bachelor's degree or higher in Computer Science, Computer Information Systems, Information Technology, Systems Engineering, or comparable curriculum <u>and</u> three (3) years of professional or technical experience in systems or network administration, systems analysis, programming or engineering, automotive technology, maintenance and/or electronic system support, at least two (2) years of which involved the planning, development, implementation or maintenance of Intelligent Transportation Systems (ITS) projects**.

*To be demonstrated during the probationary period.

**Examples of ITS projects, equipment and/or activities include Computer Aided Dispatch (CAD), Automated Vehicle Location (AVL) System, Fare Collections Systems, Ticket Vending Machines, Camera Systems (Video Surveillance), Radio Systems, Illuminated Display Signage technology, Automated Voice Annunciation Systems, Real-time passenger information, Automated Vehicle Monitoring System, Planning and Scheduling Software Systems, Vehicle Networking Systems, and Passenger Counting Systems. ITS projects do not include information or computer systems projects unless they substantially involve ITS activities.

R.C.D.P.   (05.15.2023)   04.17.2024
Non-competitive