

# Seminole County Classification Description

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Classification Title: ATMS Technician

Class Code: 3034

EEO Code: C

FLSA: Non-exempt

Revision Date: August 1, 2006

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## General Statement of Job

Administrative and technical work coordinating the day-to-day maintenance operation of the County's Advanced Traffic Management System (ATMS). Plans, designs, installs and maintains Seminole County's Advanced Traffic Management System (ATMS) and Fiber Optic Wide Area Network (WAN). Acts as a liaison on projects including assisting other agencies (elected officials, municipalities, etc.) with design recommendations, configuration, installation, and interoperability of networking equipment. Coordinates with and advises local cities, counties, state, colleges, and other county departments of network needs and upgrades. Maintains AutoCAD drawings of more than 300 roadway miles of fiber optic cable including more than 150 outlying buildings (fire stations, libraries, high schools, and other satellite government offices. Performs design, installation, and maintenance of data networking equipment (switches, routers, hubs, encoders, terminal servers, etc.).

## Essential Functions

**Essential Functions:** *These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position.*

Performs system administration for County's ATMS. Monitor FDOT Traffic Feeds. Utilize Dynamic Message Signs (DMS) to show travel times, any road closures or incidents, and Amber Alerts.

Monitors and troubleshoots traffic signal control equipment utilizing Naztec Streetwise software. Maintains signal timings database.

Performs technical work in data collection, analysis and assembly of traffic related data for use in traffic operations.

Performs on-call duty for after-hours emergencies or other standby requirements as necessary.

Coordinates ATMS activities with the Florida Department of Transportation and local governmental agencies. Documents work accomplished using Maintstar.

### **Additional Duties:**

Performs other related work as required.



### Minimum Qualifications

Completion of Associate's Degree and five (5) years experience; or any equivalent combination of training and experience which provides the required skills, knowledge and abilities.

### Special Requirements

Knowledge of and experience with traffic operations theories and practice and database management.

Must present ideas clearly and concisely orally and in writing.

Perform functional and performance tests, analyze test results, detect programming errors and perform proper corrective action.

Troubleshoot various video equipment, DMS, network equipment and Naztec signal equipment.

Meet and deal effectively with the public, county staff, and Elected Officials. Organize and prioritize tasks simultaneously.

### Technical Requirements

Must possess and maintain a valid Florida Driver's License.

Knowledge of Microsoft Office software.

### Working Conditions

The normal work environment for this position includes technical work performed in the field, in the shop area, and in Public buildings. Must perform duties that include lifting, standing, stooping, sitting, walking over construction areas, and working in adverse weather conditions. Position requires the ability to climb ladders and to work at heights of thirty-five (35) feet above the ground. Ability to maintain good physical condition sufficient to satisfactorily perform job duties and to walk on uneven surfaces.

