

Missouri Department of Transportation

Code: R04099

Title: Transportation Management Systems Administrator

Exemption Status: Exempt

Grade: 11

Job Description

Effective Date 07-01-2022

Replaces (Effective Date) 01-01-2007

General Summary The transportation management systems administrator oversees and supports the activities associated with managing transportation management systems (TMS) software, including data analysis and verification, training, testing, application development, and implementation of monthly system updates. Responsibilities are performed under general supervision.

Minimum/Required Qualifications Bachelor's Degree: Business Administration, Mathematics, Computer Science or related field
Eight years of experience in data preparation and analysis.

Supervisory Responsibilities Full Supervision

Location Central Office - Transportation Planning

Special Working Conditions/Job Characteristics Job requires occasional, statewide, overnight travel.

Examples of Work

- (1) Coordinates and facilitates the development and delivery of TMS applications to better serve customer business needs, including determining functional requirements.
- (2) Oversees data analysis and verification of data accuracy in TMS database; performs user acceptance testing and system testing of TMS software solutions, including client/server applications and intranet web applications and queries.
- (3) Plans, directs, coordinates and monitors the progress of the data maintenance and application support section within the division.
- (4) Serves as liaison for TMS to district and central office staff, external consultants and other state agencies that use the system.
- (5) Distributes monthly software updates to the general user community; prepares software applications for distribution, runs update scripts, and coordinates team resources; ensures updates are completed in a timely and accurate manner.

- (6) Creates custom queries/reports for internal and external customers, including those used by district and central office staff in the programming of pavement, bridge, and safety products; works with vendors in the purchase, maintenance or repair of equipment and the execution of service contracts.
- (7) Directs training of department personnel in the proper use of assigned software in both classroom and field environments; creates upgrades to existing software as requested by the department.
- (8) Facilitates effective communication, teamwork and project management among division staff, district staff, and consultants throughout the department.
- (9) Oversees the process of TMS data and application maintenance required by changes to the highway network.
- (10) Performs supervisory responsibilities in a manner consistent with the department's Affirmative Action Program.

The Missouri Department of Transportation promotes an equal opportunity workplace that includes reasonable accommodation of otherwise disabled applicants and employees. Please see your manager should you have any questions about this policy or these job duties.