

Missouri Department of Transportation

Code: R05039

Title: Traffic Safety Engineer

Exemption Status: Exempt

Grade: 11

Job Description

Effective Date 07-01-2022

Replaces (Effective Date) 03-01-2021

General Summary The traffic safety engineer directs the retrieval and analysis of roadway and crash data, providing both data and analysis to internal and external customers; facilitates opportunities for continuing education of department traffic personnel and safety partners. Responsibilities are performed under general supervision.

Minimum/Required Qualifications Bachelor's Degree in Engineering from an ABET-accredited college or university curriculum.
Licensed as a Professional Engineer in the State of Missouri.
Six years of progressive experience in highway or transportation engineering.

Supervisory Responsibilities Full Supervision

Location Central Office - Highway Safety and Traffic

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

Examples of Work

- (1) Conducts data analysis for the state's strategic highway safety plan as well as regional safety plans; analyzes highway safety information and develops reports and recommendations for the department's divisions and districts.
- (2) Analyzes safety information for the public, law enforcement, legislators, regional planning partners and other safety partners.
- (3) Supports district personnel with safety engineering expertise, and develops quality assurance measures to ensure the department's safety efforts are effective.
- (4) Develops training sessions and course materials for department personnel and safety partners.
- (5) Recommends organizational safety performance measures and compiles data for quarterly performance measure publication.
- (6) Oversees and administers contracts, materials, equipment and services purchases.
- (7) Liaisons between the federal government and department districts to complete safety research projects.

- (8) Solicits funds from available sources (e.g., the Federal Highway Administration) for safety training, scanning tours and conferences.
- (9) Plans and coordinates statewide safety conferences for department staff and safety partners.
- (10) Performs supervisory responsibilities in a manner consistent with the department's Affirmative Action Program.
- (11) Performs other responsibilities as required or assigned.

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.