

Missouri Department of Transportation

Code: R05023

Title: Senior Pavement Specialist

Exemption Status: Non-Exempt

Grade: 9

Job Description

Effective Date 08-01-2023

**Replaces
(Effective Date)** 07-01-2022

General Summary The senior pavement specialist assists in the coordination of pavement management and transportation planning; performs pavement type selections and assists in the development of pavement rehabilitation strategies; investigates premature pavement failures and provides input on pavement solutions during construction and maintenance activities. Responsibilities are performed under general supervision.

**Minimum/Required
Qualifications** Bachelor's Degree in Engineering from an ABET-accredited college or university curriculum.
Four years of experience in highway or transportation engineering.
OSHA 10-Hour Certification required within 90 days.

**Supervisory
Responsibilities** None

Location District Offices - as assigned

**Special Working
Conditions/Job
Characteristics** Job requires exposure to physical hazards, health and safety risks, and/or adverse or otherwise undesirable characteristics in the environment.
Job may require operation of vehicles to plow snow and spread ice control materials.

Examples of Work

- (1) Leads the district pavement planning process to ensure proper pavement treatments for state roads are prepared and available based on budgets, pavement conditions, and department asset management plan.
- (2) Collects and analyzes pavement data, analyzes the life expectancies of treatment options, analyzes strategies to determine the effective use of funds.
- (3) Ensures quality work is performed on the pavement plan by analyzing the performance of pavement maintenance and improvement products; participates in pre-operation meetings, equipment calibration, equipment operation, and determining application rates.
- (4) Develops and communicates the annual district pavement plan for all pavement-related activities.
- (5) Researches, evaluates, and recommends new pavement technologies.
- (6) Investigates and collects data on pavement failures.
- (7) Makes recommendations in district core team meetings.

- (8) Leads pavement evaluations with Central Office Construction and Materials Division.
- (9) 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.