

Missouri Department of Transportation Job Description

Job Title: Pavement Specialist

Title Code: R05021

Salary Grade: 7

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: District Offices – as assigned

Effective Date: 07-01-2022

Replaces (Effective Date): 02-01-2021

General Summary

The pavement specialist assists with pavement type selections and pavement rehabilitation strategies; assists in sampling and analyzing data for pavement solutions during construction and maintenance activities. Responsibilities are performed under moderate supervision.

Minimum/Required Qualifications

- Bachelor's Degree in Engineering from an ABET-accredited college or university curriculum.
- OSHA 10-Hour Certification required within 90 days.

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. Participates in 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. Assists in developing and communicating the annual district pavement plan for all pavement-related activities.
3. Assists in ensuring quality work is performed on the pavement plan by identifying and tracking the performance of pavement maintenance and improvement products; participates in pre-

operations meetings, equipment calibration, equipment operation, and determining application rates.

4. Collects pavement data, compares treatment life expectancies with actual performance, and compares strategies to utilize funds effectively.
5. Participates in district core team meetings.
6. Assists in the evaluation of new pavement technologies, including providing data on experimental technologies.
7. Assists in pavement investigations and collecting data on pavement failures
8. 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.