

Missouri Department of Transportation Job Description

Job Title: District Construction and Materials Engineer

Title Code: R05080

Salary Grade: 13

Exemption Status: Exempt

Supervisory Responsibilities: Full Supervision

District/Division: Districts – Administrative Office

Effective Date: 01-01-2025

Replaces (Effective Date): 07-01-2022

General Summary

The district construction and materials engineer provides district-wide oversight, technical expertise and quality assurance of district construction projects, materials inspections, and geotechnical operations. 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.
- Eight years of experience in highway or transportation engineering.
- OSHA 10-Hour Certification required within 90 days.

Special Working Conditions/Job Characteristics

- Job requires exposure to moderately adverse and undesirable environmental conditions.
- This title requires advanced accreditation or licensure which is only available to holders of specific postsecondary degrees.

Examples of Work

1. Provides supervision and technical assistance to district resident engineers, materials staff, construction personnel, and geotechnical staff.
2. Provides quality assurance for district construction activities.
3. Serves as the district construction and materials representative during the project development process.

4. Serves as the external contact for the public and media and the internal contact for department customer service and community relations personnel regarding district construction activities.
5. Interprets project specifications for district construction and materials staff.
6. Resolves conflict between contractors and construction personnel when necessary.
7. Coordinates district geotechnical needs including preliminary site investigations for future projects.
8. Investigates potential quarries for the production of state-approved materials; monitors existing quarries used for aggregate production.
9. Budgets and administers resources for district construction and materials programs; monitors district construction and materials expenditures.
10. Supervises district construction and materials staff including making hiring and other employment-related decisions, assigning work, conducting performance management, and ensuring appropriate training is provided.
11. Performs supervisory responsibilities in a manner consistent with the department's EEO policies.
12. Performs other responsibilities as required or assigned.