

Missouri Department of Transportation Job Description

Job Title: Geotechnical Director

Title Code: R05823

Salary Grade: 13

Exemption Status: Exempt

Supervisory Responsibilities: Supervisory

District/Division: Central Office – Construction and Materials

Effective Date: 05-01-2025

Replaces (Effective Date): 08-01-2023

General Summary

The geotechnical director supervises the department's geotechnical and core drill sections to provide geotechnical services, including field testing, drilling, laboratory testing, data analysis and reporting as well as quality assurance on geotechnical work completed in the districts. Responsibilities are performed under general supervision.

Minimum/Required Qualifications

- Bachelor's degree in geology or in engineering from an ABET-accredited college or university curriculum.
- Licensed as a Professional Engineer or as a Registered Geologist in the State of Missouri.
- Nine years of experience in highway or transportation engineering.
- OSHA 10-Hour Certification required within 90 days.

Special Working Conditions/Job Characteristics

- Job requires occasional, statewide, overnight travel.
- This title requires advanced accreditation or licensure which is only available to holders of specific postsecondary degrees.

Examples of Work

1. Provides technical assistance to districts, other divisions, and the Chief Counsel's Office; investigates complex and unique problems by visiting field crews and district geotechnical professionals.
2. Reviews and approves staff geotechnical investigation reports and preliminary geotechnical reports from districts; reviews plans, test reports, project proposals and consultant proposals and reports; develops recommendations based on reports and proposals.
3. Assigns projects and duties to geotechnical staff and reviews progress.
4. Develops and reviews standards, policies, design criteria, specifications, and special provisions relating to geotechnical matters.
5. Develops and implements section work plans and budgets.
6. Develops, coordinates, assigns and presents training programs; acts as the department's representative in state and national seminars and conferences.
7. Develops, coordinates, assigns and reviews research projects including new products and methods and makes recommendations for implementation.
8. Performs supervisory responsibilities in a manner consistent with the department's EEO policies.
9. Performs other responsibilities as required or assigned.