

Missouri Department of Transportation Job Description

Job Title: District Design Engineer

Title Code: R05452

Salary Grade: 13

Exemption Status: Exempt

Supervisory Responsibilities: Full Supervision

District/Division: District Offices – Administrative Office

Effective Date: 10-01-2025

Replaces (Effective Date): 07-01-2022

General Summary

The district design engineer is responsible for managing the design, utilities and surveying resources for a district and ensures the production of quality highway design plans on time and within budget. 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.
- Nine years of experience in highway or transportation engineering.

Special Working Conditions/Job Characteristics

Examples of Work

1. Evaluates transportation projects and other design-related tasks and commits resources to design teams.
2. Supervises district design staff including making hiring and other employment-related decisions, assigning work, conducting performance management and ensuring appropriate training is provided.
3. Provides highway design expertise through project core team participation.
4. Oversees quality assurance and quality control for district design activities, including making field checks.

5. Monitors district design plan production to maintain letting schedule.
6. Develops, manages and tracks a district annual design budget; approves or recommends design expenditures.
7. Provides technical design expertise to district personnel; reviews conceptual, preliminary, right of way and final plans for accuracy and consistency.
8. Selects design consultants for district projects; manages a district consultant selection and processing program including tracking existing contracts and seeking consultants for all functional areas.
9. Participates on a district's management team and attends statewide project design meetings.
10. Represents the district's design program to the media and in litigation on design issues; may serve in an advisory capacity on local government committees as district representative.
11. Performs supervisory responsibilities.
12. Performs other responsibilities as required or assigned.