

Missouri Department of Transportation Job Description

Job Title: Senior Airport Project Inspector

Title Code: R05884

Salary Grade: 9

Exemption Status: Non-Exempt

Supervisory Responsibilities: Lead Worker

District/Division: Central Office - Multimodal Operations

Effective Date: 09-01-2026

Replaces (Effective Date): 06-01-2025

General Summary

The senior airport project inspector is responsible for administering state and federal airport improvement grants through all phases of an aviation project, from grant application through construction and final closeout, to ensure compliance with federal and state requirements. 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 positions relating to highway/airport design or construction, of which at least one year must be in airport design or construction.

Special Working Conditions/Job Characteristics

- Job requires occasional, statewide, overnight travel.
- Job requires exposure to moderately adverse and undesirable environmental conditions.
- A postsecondary degree is the best measure to ensure candidates possess required engineering knowledge, including in applied physics and mathematics, drafting, engineering processes and procedures, project management, industry ethical standards, and analyzing and modeling data.

Examples of Work

1. Provides technical assistance to sponsors or consultants as necessary to achieve proper application of airport design standards; reviews and approves aviation project plans and specifications.

2. Confers with federal, state, and local officials, consultants, and the general public to provide technical assistance in the development, improvement, or maintenance of public aviation facilities and equipment.
3. Monitors contract administration activities on aviation projects statewide to ensure the quality of construction performed complies with the approved specifications; performs field inspections to review progress and check quality of work.
4. Maintains accurate and complete project records; approves final payment for project closeout.
5. Reviews grant applications; inspects airport facilities to determine scope of needed improvements, issues airport aid agreements to sponsors.
6. Reviews/approves scope of work and fees for project consultant agreements (design and construction observation) for acceptance.
7. Investigates construction problems arising in the field or through public complaints; resolves or recommends alternative solutions to problems.
8. Develops standard forms, specifications, and other documents utilized in administering the federal and state airport capital improvement programs.
9. Participates in pre-construction conferences with sponsor, Federal Aviation Administration (FAA), contractor and subcontractors to review project execution and compliance with state and federal requirements.
10. Performs final inspection of project with sponsor, FAA, consultant, and contractor to determine acceptance/non-acceptance of projects.
11. Performs lead worker responsibilities, which may include providing general instruction, managing request for quote (RFQ) solicitations for packaged (or grouped) construction programs, making recommendations to consultants regarding airport design options, discussing issues directly with FAA contacts, and providing guidance to sponsors regarding various project funding options.
12. Performs other responsibilities as required or assigned.