Missouri Department of Transportation

Code: R05017
Title: Research Analyst
Exemption Status: Non-Exempt
Grade: 12

Job Description

Effective Date: 02-01-2019
Replaces (Effective Date): 12-01-2014

General Summary
The research analyst analyzes, evaluates, and improves organizational performance by managing routine and entry-level transportation engineering research and facilitating improvement processes. Responsibilities are performed under moderate supervision.

Minimum/Required Qualifications
Bachelor's Degree: Civil Engineering
Successful completion of a range of motion examination and a medical-physical examination.

Supervisory Responsibilities: None

Location: Central Office - Construction and Materials

Special Working Conditions/Job Characteristics
Job requires occasional, statewide, overnight travel.
Job requires moderate physical activity.
Job requires exposure to moderately adverse and undesirable environmental conditions.
Job may require operation of vehicles to plow snow and spread ice control materials.

Examples of Work

(1) Manages projects by external research teams that conduct routine analysis of organizational performance data and information related to transportation and engineering functions.

(2) Collects field data and coordinates the testing of materials related to new products, pavements, and bridge decks; conducts routine analysis and prepares reports of findings.

(3) Coordinates the performance of physical tests on materials, new products, or new technologies for research and development purposes; and coordinates material sampling which may include soil, concrete, asphalt, or aggregates.

(4) Reviews and disseminates best practice methods proposed by national organizations and reviews new product information to prepare recommendations for possible use or implementation by the department.

(5) May lift and move materials, such as concrete cores, cylinders, or other samples during investigation and research process.

(6) 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.