

Missouri Department of Transportation

Code: R05017

Title: Research Analyst

Exemption Status: Non-Exempt

Grade: 12

Job Description

Effective Date	12-01-2014
Replaces (Effective Date)	12-01-2013
General Summary	The research analyst analyzes, evaluates, and improves organizational performance by conducting 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) Conducts routine analysis of organizational performance data and information related to transportation and engineering functions.
- (2) Collects field data and tests materials related to new products, pavements, and bridge decks; conducts routine analysis and prepares reports of findings.
- (3) Performs physical tests on materials, new products, or new technologies for research and development purposes; and performs material sampling which may include soil, concrete, asphalt or aggregates.
- (4) Monitors and tests pavement designs created with new materials to assess durability and wear.
- (5) Conducts research of best practice methods proposed by national organizations and reviews new product information to prepare recommendations for possible use or implementation by the department.
- (6) Lifts and moves materials, such as concrete cores, cylinders, or other samples during investigation and research process.
- (7) 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.