

MISSOURI DEPARTMENT OF TRANSPORTATION JOB OPPORTUNITY ANNOUNCEMENT

Date Posted: 01/11/2017
Application Deadline: 01/27/2017
Job Post ID: 9275
Job Title: Traffic Studies Specialist - Nonsafety Sensitive / Intermediate Traffic Studies Specialist - Nonsafety Sensitive / Senior Traffic Studies Specialist - Nonsafety Sensitive
Min Monthly Salary: \$3,389.00 / \$3,774.00 / \$4,229.00
Number Positions: 1
Location: 830 MoDOT Drive, Jefferson City, MO
District/Division: Central Office / Traffic and Highway Safety Division
Human Resources Contact Number: 573-751-2923

Notice: Deadline to apply for this position is January 27, 2017 at 11:55 p.m.

Substitution of experience for the education requirement will be considered.

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Waiver of minimum requirements may be considered.

General Summary:

--- Traffic Studies Specialist - Nonsafety Sensitive ---

The traffic studies specialist - nonsafety sensitive provides engineering support to individual units within the Traffic and Highway Safety Division by reviewing and analyzing traffic data to identify concerns and recommend corrective action in order to make improvements in traffic flow, congestion, and safety. Responsibilities are performed under moderate supervision.

--- Intermediate Traffic Studies Specialist - Nonsafety Sensitive ---

The intermediate traffic studies specialist - nonsafety sensitive provides engineering support to units within the Traffic and Highway Safety Division by reviewing and analyzing traffic data to identify concerns and recommend corrective action in order to improve traffic flow, congestion, and safety. Responsibilities are performed under moderate supervision.

--- Senior Traffic Studies Specialist - Nonsafety Sensitive ---

The senior traffic studies specialist - nonsafety sensitive provides engineering support to units within the Traffic and Highway Safety Division by reviewing and analyzing traffic data to identify concerns and recommend corrective action in order to improve traffic flow, congestion, and safety; leads the collection of traffic related data. Responsibilities are performed under general supervision.

Minimum/Required Qualifications:

--- Traffic Studies Specialist - Nonsafety Sensitive ---

Bachelor's Degree: Civil Engineering

--- Intermediate Traffic Studies Specialist - Nonsafety Sensitive ---

Bachelor's Degree: Civil Engineering

Two years of experience in transportation engineering.

--- Senior Traffic Studies Specialist - Nonsafety Sensitive ---

Bachelor's Degree: Civil Engineering

Four years of experience in highway or transportation engineering.

Supervisory Responsibilities:

--- Traffic Studies Specialist - Nonsafety Sensitive ---

None

--- Intermediate Traffic Studies Specialist - Nonsafety Sensitive ---

None

--- Senior Traffic Studies Specialist - Nonsafety Sensitive ---

Lead Worker Only

Special Working Conditions/Job Characteristics:

--- Traffic Studies Specialist - Nonsafety Sensitive ---

This position works with both internal and external customers, using crash and roadway data from MoDOT's Transportation Management System (TMS) to perform safety impact analysis using methodologies from the Highway Safety Manual (HSM). Other duties may include coordinating trainings for district staff and presenting various safety topics at meetings/conferences.

This position supports the district staff regarding permitting needs for work by others on MoDOT right of way as well as reviewing and providing recommendations for proposed changes in limited access right of way.

Preferred experience and/or knowledge includes: Highway Safety Manual, Highway Capacity Manual, Traffic Impact Analysis, and Access Management.

Additional work experience with Microsoft Access (querying TMS data and report development), traffic modeling software (HCS, Synchro, VISSIM, Sidra) and safety modeling tools (HSM Spreadsheets, ISATe) is desirable.

Job requires occasional, statewide or out-of-state travel.

--- Intermediate Traffic Studies Specialist - Nonsafety Sensitive ---

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Examples of Work:

--- Traffic Studies Specialist - Nonsafety Sensitive ---

- Reviews and analyzes traffic data to identify concerns and recommend corrective actions.
- Reviews and analyzes real-time and historical traffic data to optimize the performance of existing infrastructure.
- Reviews policies, standards, and other criteria pertaining to signing, pavement marking, signals, lighting, crash records, and permits to make improvements or ensure compliance.
- Reviews policies, standards, and other criteria pertaining to freeway, arterial, access, work zone, and incident management to improve the reliability and safety of roadways.
- Assists in the preparation of transportation related reports, correspondence, and performance measures; may support project development activities as a member of a core team.
- Assists in facilitating and organizing statewide teams for various traffic engineering subject areas.
- Investigates and responds to customer concerns on traffic related issues.
- Performs other responsibilities as required or assigned.

--- Intermediate Traffic Studies Specialist - Nonsafety Sensitive ---

- Assists in the management and operation of transportation facilities by applying department and national standards, guidelines, and best practices.
- Investigates and responds to customer concerns on traffic related issues, including internal customers, the general public, public officials, and law enforcement.
- Prepares transportation related reports, correspondence, and performance measures.
- Modifies policies, standards, contracts, and other criteria pertaining to signing, pavement marking, signals, lighting, freeway, arterial, access, work zone, and incident management.
- May coordinate traffic engineering staff in reviewing and analyzing traffic data to identify concerns and recommend transportation improvements.
- May direct and train traffic studies engineers, traffic specialists, traffic technicians, and wage employees on various transportation activities.
- May review plans and contracts for proper design and application of traffic control and/or intelligent transportation devices and serve on a core team.
- May assist in the review of complex transportation issues; may meet with developers, contractors, utility companies, or consultants to discuss proposed projects; may meet with local governmental agencies and the media to discuss transportation related issues.
- Assists in facilitating, organizing, and leading statewide teams for various engineering subject areas.
- Performs other responsibilities as required or assigned.

--- Senior Traffic Studies Specialist - Nonsafety Sensitive ---

- Prepares transportation related reports, correspondence, records, performance measures, and presentations for internal and external customers.
- Meets with developers, contractors, utility companies, or consultants to discuss proposed projects; meets with local governmental agencies and the media to discuss transportation related issues.
- Designs and/or develops layout of traffic control and/or intelligent transportation devices; reviews plans and contracts for proper design and application of traffic control and/or intelligent transportation devices; and serves on multiagency, quick action, and core teams.
- Modifies policies, standards, contracts and other criteria pertaining to signing, pavement marking, signals, lighting, freeway, arterial, access, work zone, and incident management.
- Responds to and investigates public, political, and media inquiries, complaints, requests, and criticisms of department facilities.
- Coordinates with maintenance in signing, signal, and lighting operations; makes recommendations regarding traffic control equipment and materials.
- Leads statewide teams for various traffic engineering subject areas.
- Provides support to the emergency operation center during weather/emergency events.
- Performs lead worker responsibilities, which may include providing general instruction, assigning and reviewing work, coaching and training, providing guidance and instruction in the proper and most efficient methods of accomplishing tasks, and providing input to the direct supervisor on staffing decisions and performance management.
- Performs other responsibilities as required or assigned.

In order to be considered for this vacancy please go to the Missouri Department of Transportation [Employment Application System \(EAS\)](#) and submit an on-line application. Applications, and if applicable transcripts, must be received by no later than 11:55 pm of the closing date listed on the advertised vacancy.

Equal Employment Opportunity / Affirmative Action Employer, M/F/D/V