MISSOURI DEPARTMENT OF TRANSPORTATION
JOB OPPORTUNITY ANNOUNCEMENT

Date Posted: 09/22/2017
Application Deadline: 10/06/2017
Job Post ID: 9947
Job Title: Traffic Technician / Intermediate Traffic Technician / Senior Traffic Technician
Min Monthly Salary: $2,430.00 / $2,744.00 / $3,048.00
Number Positions: 1
Location: 600 NE Colbern Road, Lee's Summit, MO 64086
District/Division: Kansas City / Traffic Division
Human Resources Contact Number: (816) 607-2143

Notice: *This job will include fatal crash reviews and documentation for our legal staff. *This will require site visits within a few days after a crash.

Remote work location and/or teleworking is not available for this position.

General Summary:
--- Traffic Technician ---
The traffic technician performs semi-skilled technical or paraprofessional duties in connection with the collection and documentation of field and office traffic data used in traffic studies. Responsibilities are performed under moderate supervision.

--- Intermediate Traffic Technician ---
The intermediate traffic technician provides skilled technical or paraprofessional support in connection with traffic office activities, field traffic data collection, and traffic monitoring activities. Responsibilities are performed under moderate supervision.

--- Senior Traffic Technician ---
The senior traffic technician provides advanced technical or paraprofessional support in connection with traffic office activities, field traffic data collection, and traffic monitoring activities. Responsibilities are performed under general supervision.

Minimum/Required Qualifications:
--- Traffic Technician ---
High School Diploma or GED/HiSET, including successful completion of a trigonometry course and two years of experience in technical positions. Waiver of the trigonometry requirement requires approval from the Human Resources Director - Central Office.

OR

Associate Degree in Civil Engineering Technology or related field.

--- Intermediate Traffic Technician ---
High School Diploma or GED/HiSET, including successful completion of a trigonometry course and four years of experience in technical positions. Waiver of trigonometry requires approval from the Human Resources Director - Central
Office.
OR
Associate Degree in Civil Engineering Technology or related field and two years of experience in technical positions.

--- Senior Traffic Technician ---
High School Diploma or GED/HiSET, including successful completion of a trigonometry course and six years of experience in technical positions. Waiver of trigonometry requires approval from the Human Resources Director - Central Office.
OR
Associate Degree in Civil Engineering Technology or related field and four years of experience in technical positions.
OR
Bachelor's Degree in Civil Engineering Technology or related field.

Supervisory Responsibilities:
--- Traffic Technician ---
None
--- Intermediate Traffic Technician ---
None
--- Senior Traffic Technician ---
None

Special Working Conditions/Job Characteristics:
--- Traffic Technician ---
Job requires exposure to moderately adverse and undesirable environmental conditions.
Job may require operation of vehicles to plow snow and spread ice control materials.

--- Intermediate Traffic Technician ---
Job requires exposure to moderately adverse and undesirable environmental conditions.
Job may require operation of vehicles to plow snow and spread ice control materials.

--- Senior Traffic Technician ---
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:
--- Traffic Technician ---
• Performs radar speed studies, manual and electronic counting of vehicle volumes, school crossing studies, parking studies, and vehicle type classification.
• Downloads, transfers, or inputs collected traffic data into computer database or traffic software programs.
• May determine traffic volume by placing traffic counting devices or tube counters on specific roadways.
• Performs field checks prior to setting up data collection equipment in order to determine existing conditions in area to be studied.
• Operates radio, digital camera, video equipment, and other electronic equipment for the collection of traffic data.
• Assists in the review, preparation, documentation, and inspection of permit activities; explains process to customers; maintains permit database.
• Prepares accident diagrams that include types and locations of accidents and dates, times, and weather conditions.
• Maintains traffic related databases and spreadsheets and generates reports; maintains traffic devices inventories and records.
• Measures sight distance for signs and intersections; measures lane storage lengths.
• Performs other responsibilities as required or assigned.
--- Intermediate Traffic Technician ---

- Gathers and compiles data from hand count sheets, machine count tapes, and radar speed checks, and codes data for computer input.
- Measures and records the speed of vehicular traffic, using electrical timing devices or radar equipment.
- Performs routine monitoring of field traffic devices such as signs, signals, and roadway marking, with limited decision-making capabilities.
- Assists in the review, preparation, documentation, and inspection of permit activities; explains process to customers; maintains permit database.
- Performs field site reviews by documenting existing conditions using photo logs and video.
- Interacts with internal and external customers in order to answer traffic-related questions, respond to complaints and requests, or to discuss traffic control ordinances, plans, policies, and procedures.
- Maintains traffic databases such as sign logs, inventories, traffic project assignments, and progress reports; collects and organizes data required for traffic studies.
- Assembles field and crash data collected onto appropriate forms and reports.
- May process appropriate requisitions for materials.
- Performs other responsibilities as required or assigned.

--- Senior Traffic Technician ---

- Determines traffic volume on roadways and codes data for computer processing, provides recommendations, and coordinates correction of deficiencies.
- Performs and summarizes radar speed surveys to determine the characteristic speeds of motorists to establish a speed limit that is both safe and comfortable.
- Analyzes accident reports to prepare diagrams that include types and locations of accidents and dates, times, and weather conditions.
- May issue permits; assists in the review, preparation, documentation, and inspection of permit activities.
- Performs initial field site reviews by documenting existing conditions using photo logs and video.
- Conducts daytime and nighttime field evaluations of all work zones to determine compliance with standards.
- Performs routine monitoring of field traffic devices such as signs, signals, and roadway marking, with limited decision-making capabilities; eliminates traffic control conflicts between adjacent work zones.
- Interacts with internal and external customers in order to answer traffic-related questions, respond to complaints and requests, or to discuss traffic control ordinances, plans, policies, and procedures.
- Organizes field and office traffic data into traffic study documents; creates various maps and diagrams in correlation with traffic concerns.
- Maintains traffic databases such as sign logs, inventories, work zone coordination, traffic project assignments and progress reports; processes requisitions for materials.
- May attend resident engineer and maintenance superintendent meetings and provide work zone feedback.
- 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