



Transportation Engineer VACANCY NOTICE

The **Development Services Department** of the City of Missoula is in search of a **Transportation Engineer** to join a progressive and engaged community of employees and citizens.

The ideal candidate will be able to work in a highly flexible, team-oriented environment, have exceptional communication, analysis and documentation skills, and demonstrate effective time management skills. The Transportation Engineer will assist the City of Missoula to create and construct a network of public surface facilities for vehicles, bicycles, and pedestrians, providing for increased safety, less congestion, and a healthier environment.

The City offers an exceptional benefits package including paid vacation, sick leave, paid holidays, and medical insurance provided at no cost for single employee coverage.

Please submit your resume, letter of interest and your application no later than Friday, February 21, 2020, 5:00 p.m.

Apply on-line at www.ci.missoula.mt.us/jobs

Full-time, non-union, \$31.9350/hr - \$38.2467/hr

The City of Missoula is committed to building and sustaining a culture of diversity and inclusion. We embrace and encourage diversity in age, color, ethnicity, family or marital status, gender identity or expression, language, national origin, physical and mental ability, political ideas, race, religion, sexual orientation, socio-economic status, veteran status, and other characteristics that make individuals unique. Reasonable accommodations in the selection process are provided, upon request, for individuals with disabilities. Qualified candidates may request veterans' or disabilities preference in accordance with state law.

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POSITION TITLE:

TRANSPORTATION ENGINEER

Primary Objective of Position: Under limited supervision, plan and manage the design, construction, reconstruction, and operation of multi-modal transportation infrastructure within the City of Missoula.

Tasks:

Provide direct support in the development and management of the city's multi-modal, surface transportation projects according to established engineering standards and state or federal construction policy. Participate in the development and maintenance of transportation policies and procedures, and in plan and regulatory review, and work closely with stakeholders to improve transportation efficiency, safety, and connectivity in support of transportation planning documents and community goals.

Assist in producing quality designs, conceptual plans, estimates, and specifications for multi-modal facilities located within the city public right-of-way, including alterations to existing streets and the development of complete street design projects that integrate all modes of transportation. Recommend modifications to existing transportation infrastructure within MDT right-of-way. Prepare and manage public right-of-way transportation projects, including right-of-way vacations. Produce and distribute conceptual plans for school crossings, truck routes, speed limits, and signal locations.

Prepare transportation facility layouts, typical sections, cross sections, and traffic control plans for all road classifications. Prepare signing and pavement marking plans for preliminary and final design and ensure compliance with accepted standards including the American Disabilities Act (ADA).

Review transportation related plans for geometric layout and right-of-way impacts. Review traffic signal timing, traffic impact studies, and transportation related planning documents. Review preliminary plats, maps, and construction plans and coordinate existing and future utility locations. Prepare and review plans for managing traffic in construction work zones. Design sign and barricade placement and review traffic control plans submitted by others.

Provide quality assurance reviews of plans and construction projects. Visually inspect construction sites for related transportation infrastructure, monitor deviations from approved plans, and report findings.

Investigate issues and opportunities and participate in the collection and analysis of data, including multi-modal traffic counts, crash data records, speed zone studies, travel time, signal and crosswalk warrant studies, and requests for traffic control devices. Prepare and report on investigative analyses towards the completion of design tasks such as traffic calming. Participate in studies to determine sufficiency of existing transportation systems and structures and to program future planning and construction needs.

Develop and check design calculations for quantities and project cost estimates, determine feasibility, write contracts and specifications for labor, materials, and equipment, and perform field engineering calculations for change orders and contracts.

Provide exceptional oral and written communication skills in the review of plans, specifications and work schedules with contractors, utility companies and other governmental agencies and in interpreting and distilling project information to city staff, elected officials, boards, commissions, and citizens at public hearings and informational meetings. Maintain all records related to studies and projects.

Knowledge and Abilities:

- Knowledge of active transportation, multi-modal, and traffic engineering principles and practices in urban environments.
- Knowledge of innovations and trends in traffic engineering design and development.
- Knowledge of traffic control methods and devices, statistical and research procedures, traffic laws and regulations, and construction means and methods.
- Knowledge of engineering office practices and procedures.
- Ability to make mathematical computations and design engineering projects.
- Ability to use engineering instruments and tools including computers and engineering workstations.
- Ability to read and interpret engineering plans, specifications and technical reports.
- Ability to maintain records and prepare reports and correspondence.
- Ability to communicate effectively with others and maintain favorable public relations.
- Familiarity with local and regional transportation plans.
- Familiarity with compliance standards and design guidelines including AASHTO and NACTO.

Qualifications:

Bachelor's degree in engineering with emphasis in civil or traffic engineering or related field and four to eight years of progressive engineering experience. Professional Engineer in the State of Montana and Professional Traffic Operations Engineer (PTOE) certification desirable. Must have a valid Montana driver's license or be able to obtain a Montana driver's license within 30 days of hire.