



City of Casa Grande

Traffic Engineer

GENERAL PURPOSE: Under general supervision, performs professional civil engineering and project management work of considerable complexity specifically in the area of traffic engineering.

PRIMARY DUTIES AND RESPONSIBILITIES:

*The following duties **ARE NOT** intended to serve as a comprehensive list of all duties performed by all employees in this classification, only a representative summary of the primary duties and responsibilities. Incumbent(s) may not be required to perform all duties listed and may be required to perform additional, position-specific duties.*

- Manages, coordinates, directs and inspects traffic engineering projects and activities.
- Conducts or directs traffic engineering studies, development reviews, neighborhood traffic management programs, traffic signal design, street signing and striping design, traffic, bicycle and pedestrian safety analysis, traffic barricading for special events and construction projects.
- Inspects and monitors projects under contract; resolves discrepancies between field conditions and design plans; recommends methods of resolving complex problems.
- Performs field tests and collects samples for laboratory test of materials.
- Writes various analytical reports, and makes technical estimates of a specialized nature in connection with various projects.
- Assures project deliverables meet scope, schedule, cost and quality requirements.
- May serve as City representative with other agencies on regional transportation issues.
- Responds to questions from citizens and agencies on projects and plans.
- Maintains records and files associated with transportation projects.
- Supervises assigned staff and evaluates performance.
- Performs other duties as assigned or required.

SUPERVISION EXERCISED: Engineering technicians, construction inspectors or civil engineers as assigned.

JOB DESCRIPTION
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MINIMUM QUALIFICATIONS:

Education and Experience:

Bachelor's degree in Civil or Traffic Engineering or a closely related field, and four (4) year's professional technical traffic engineering work experience; possession of a Certificate of Registration as a professional engineer in the State of Arizona.

Necessary Knowledge, Skills and Abilities:

- Knowledge of City organization, operations, policies and procedures.
- Knowledge of the fundamentals of civil engineering, mathematics and physics, and of the principles and practices of transportation planning.
- Knowledge of the methods and techniques of the design, construction and maintenance of public works transportation projects, including streets and traffic control devices.
- Knowledge of the principles and practices of project management.
- Knowledge of Federal, state, City and county policies, procedures, codes, regulations and ordinances related to civil and traffic engineering.
- Knowledge of the strength, properties, and uses of construction materials.
- Knowledge of the principles of record keeping and records management.

- Skill in preparing reports and checking designs, details, estimates, plans, and specifications of transportation engineering projects. Skill in complex project management.
- Skill in analyzing and evaluating technical engineering data and construction documentation.
- Skill in establishing effective working relationship with consultants, contractors, other agencies and the public.
- Skill in using computers and complex engineering software applications, including GIS.
- Skill in assessing and prioritizing multiple tasks, projects and demands.
- Skill in effective oral and written communication.

Special Requirements: Must possess valid Arizona driver's license.

Physical Demands / Work Environment: Work is performed outdoors and in standard office environment.

The job description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as needed.