



Staff Traffic Engineer

Job Description

Position	Staff Traffic Engineer	Reports to	Operations Engineering Manager
Department	Engineering & Public Works	Job Code	JC-2007
Pay Grade	PG- 16	EEO Category	EEO-2 Professionals
FLSA Classification	Exempt	Hours per Pay Period	80
Last Revised	February 23, 2023	Apply Here	

Purpose of Job	The purpose of this classification is to provide traffic engineering expertise to the citizens of Knox County, including reviewing traffic signage, traffic signal, and pavement markings to provide for the efficient and safe travel of the public.
Essential Functions	<p>Essential functions the position will be responsible for include the following:</p> <ul style="list-style-type: none"> Consult with the public regarding their traffic concerns, field review those concerns, and make recommendations for safety/operational improvements. Provide oversight to the signal contractor(s) and work with traffic consultants to ensure efficient signal system needs, including timing plans, signal equipment, and operation of ATMS system. Provide oversight to the County’s Traffic Calming Program, including coordination with the public, design of the plan, voting process, and field construction layout. Assist the Operations Department with miscellaneous engineering tasks, including driveway field reviews, pavement marking needs for newly paved streets, measuring sight distance, capital project plan review, etc. Assist Development Services, when needed, to review traffic studies, perform site visits of new developments, etc.

Essential Functions (cont.)

- Coordinate with partner agencies, such as TDOT, the City of Knoxville, and the Town of Farragut regarding joint projects and issues pertaining to traffic coordination.
- Coordinate with the Traffic Control Supervisor to ensure the timely resolve of work orders and citizen complaints.

Additional Job Functions

- Ensure regular, punctual attendance for self and assigned staff during scheduled work hours.
- Respond to and report immediately if called upon by local, regional or state office supervisors as part of a coordinated Emergency Response by the Knox County Mayor’s Office.
- Perform other duties as required.

Minimum Training & Qualifications

Training and qualifications for the position include the following:

- Bachelor’s Degree in Engineering
- Must obtain an Engineering Intern certification in the State of Tennessee within 1 year of employment.
- Any equivalent combination of education, training, and experience which provides the requisite knowledge, skills, and abilities may be considered for employment into the position
- Must possess and maintain a valid TN Driver’s License

Specialized Knowledge

- N/A

Competencies

The incumbent is required to possess the following competencies:

- Ability to work in a position of significant complexity.
- Strong analytical and problem-solving skills.
- Excellent organizational skills with proven ability to meet deadlines.
- Excellent communicator and active listener.
- General understanding of engineering principles, practices and tools
- Ability to be both creative and analytical.
- Ability to maintain a professional demeanor during times of high stress
- Detail-oriented and accurate
- General understanding of materials, methods and tools involved in the construction or repair of buildings, bridges, roads and other related structures
- Proficient in use of a PCs, tablets, smartphones and other electronic devices.
- Proficient with Microsoft Office Suite, computer-assisted design (CAD) software, and other related software.
- Ability to work cooperatively as a member of a team.

Physical Requirements

This position requires the following physical abilities:

- Occasional periods of light physical activity

**Physical Requirements
(Cont.)**

- Ability to sit or stand for extended periods of time, working behind a desk on a computer
- Ability to walk a construction site consisting of uneven terrain
- Must wear personal protection equipment (PPE) that may consist of eye protection, ear protection, hard hats, gloves, etc when visiting construction sites

Occupational Hazards

- Exposure to construction site hazards such as mechanized equipment, timber, hand and power tools, uneven terrain, inclement weather, etc.

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Employee Signature

Supervisor Signature

Date

Date

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