City of Rapid City
Job Description

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Traffic Engineer</th>
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<td>Job Code:</td>
<td>TFEN</td>
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<tr>
<td>Pay Grade:</td>
<td>24</td>
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<td>FLSA Status:</td>
<td>Exempt</td>
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<td>Date Revised:</td>
<td>3/24/2022</td>
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General Summary: This position is responsible for Traffic Operations and Engineering analysis, contract administration and construction managing in the design and research of traffic signals, traffic control signing, street lighting, pavement markings, and pedestrian safety.

Essential Duties and Responsibilities:

The intent of this job description is to provide a representative summary of the major duties and responsibilities performed by incumbents of this job. Incumbents may be requested to perform job-related tasks other than those specifically presented in this description.

- Determines limited speed zones on any street or through constructions work areas; Determine type, placement, and timing of traffic control devices or signals, signs and lane markings; Designate crosswalks, and pedestrian safety zones; And maintain the same.
- Maintains knowledge of traffic engineering principles, practices, construction, maintenance, cost estimating, plan preparation, and construction specifications.
- Prepares and reviews traffic studies and analysis, traffic control construction plans, temporary traffic control plans, and provides recommendations; Analyzes problems, applies traffic engineering principles, and recommends solutions.
- Maintains inventories of City traffic signals, street lighting, traffic control signing, and pavement markings.
- Assigns, plans, supervises and evaluates day-to-day operations, activities and procedures of the Traffic Operations group to ensure the timely maintenance of traffic signals, street lighting, traffic control and construction signing, and pavement markings.
- Designs and reviews plans and specifications, and acts as Project Engineer, during the installation of traffic signals and roadway lighting, street and construction signing, pavement markings, street intersections, realignment and other traffic projects.
- Coordinates related activities with other Public Works Divisions, City Departments and external agencies; Receives and responds to citizen concerns related to traffic operations.
- Prepares and administers budget for the traffic control and street lighting operations.
- Provides direct supervision of traffic operations staff to include recruiting, hiring and training new employees; planning, assigning, and directing work; appraising performance; rewarding and disciplining employees; addressing complaints and resolving concerns.

Qualifications:

Education and/or Experience:

Bachelor's degree from four-year college or university in Civil Engineering and six years related experience and/or training in Traffic Engineering.

Certificates, Licenses, Registrations:
Must possess a valid South Dakota driver’s license or ability to obtain within 30 days from date of hire. Possess a valid South Dakota Professional Engineer’s (PE) license or ability to obtain within one year from date of hire.

**Working Conditions:**

*The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

The employee is frequently exposed to outside weather conditions. The employee is occasionally exposed to moving mechanical parts; high, precarious places; fumes or airborne particles and risk of electrical shock. The noise level in the work environment is usually moderate.

**Physical Demands:**

*The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

The employee is frequently required to sit; use hands to finger, handle, or feel and talk or hear. The employee is occasionally required to stand; walk; reach with hands and arms; climb or balance and stoop, kneel, crouch, or crawl. The employee must occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.