

# CLASSIFICATION ADDENDUM

## Job Title: City Traffic Engineer

Classification Specification: Manager/Program Manager

Barg Unit: Non

Pay Grade: D61

*This classification **addendum** further clarifies job specific duties and requirements of a job within a particular classification. Note: The classification specification document is to be referenced and this document utilized as the addendum (supplement). It is intended to provide additional information, where needed, and is not intended to provide an exhaustive list of duties and responsibilities; specific position assignments will vary depending on business needs.*

### Essential Characteristics and Duties Addendum

The City Traffic Engineer performs supervisory and professional level transportation engineering duties. Supervises, coordinates, and participates in the design, operation and installation of streets, landscaping, traffic control devices, illumination systems, traffic signal systems, Intelligent Transportation Systems; coordinates and participates in the review of development plans, traffic safety studies, area bus routes and stops, short and long-range transportation planning, and traffic control improvements; conducts special engineering studies; researches state of industry; develops applications; recommends revision and adoption of City Ordinances related to traffic control and transportation planning; supervises and participates in the acquisition of grants from other governmental agencies for transportation projects; conducts project and budget management; negotiates service and maintenance contracts; confers with city personnel, representatives of outside agencies, and the public regarding traffic engineering matters; prepares and presents reports to the City Council, Planning Commission, and other agencies and groups; Applies technical knowledge to contain risk to the public and reduce tort liability. Reviews, approves and affixes professional engineering seal to construction drawings, studies reports and plans. Establishes design and construction standards and ensures compliance with standards; Performs related duties as assigned.

### Qualifications Addendum

*An entry-level person would be expected to possess the following or any equivalent combination of knowledge, skills, education and experience in order to successfully perform the job.*

#### **Training & Experience:**

- In the field of civil, transportation, traffic or electrical engineering, with progressively responsible engineering experience with a focus on traffic and transportation, including management experience.

#### **Licensing Requirements:**

- A valid Oregon driver's license at time of appointment.
- Registration as a Professional Civil, Electrical or Traffic Engineer in the State of Oregon or ability to obtain within 12 months.

#### **Knowledge:**

- Principles and practices of traffic engineering;
- Federal and State laws and statutes related to traffic engineering;
- Principles and practices of transportation planning;
- Mathematics, including geometry, trigonometry, statistics and calculus;
- Operation of traffic control equipment.
- Principles of risk management and tort liability

### Essential Characteristics and Duties Addendum

**Skills:** *(Demonstrated skill in performing the following)*

- Reading, interpreting, and preparing transportation and traffic engineering plans, studies, and reports;
- Quantity and cost estimating and measuring methods; risk identification and management.

**Qualification For Grade Progression:** N/A

### Physical Requirements Addendum

Light Work as defined in the classification specification. Further definition of the physical requirements of the position can be found in a job task analysis.

Travel as required.

### Addendum History

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