

## CITY OF RENTON

### **CLASS TITLE: TRAFFIC MAINTENANCE WORKER I (SM-8574)**

#### **BASIC FUNCTION:**

Under the direction of the Traffic Sign and Paint Supervisor, perform routine duties to assist in the manufacture, installation, maintenance and repair of traffic control and information signs and symbols; clean, prepare and perform street marking activities.

#### **DISTINGUISHING CHARACTERISTICS:**

Traffic Maintenance Worker I incumbents perform routine traffic maintenance duties. Traffic Maintenance Worker II is the experienced-level class in the series. Incumbents exercise greater knowledge and independence in the placement and size of signs and the marking of streets.

#### **REPRESENTATIVE DUTIES:**

**\*Perform routine duties to assist in the manufacture, installation, maintenance and repair of traffic control and information signs and symbols; paint centerlines, crosswalks, legends, parking stalls and curbing; cut signs and bake labels sign labels onto metal backing.**

**\*Dig holes and mix, pour and finish cement for proper installation of sign posts and piping; use banding machine to secure sign to post; mix concrete and mortar c-blocks.**

**\*Install overhead signs on signal poles; operate lift and boom vehicles.**

**\*Assist with the placement and maintenance of traffic buttons, cones, barricades and other control articles to control and divert traffic as needed; place signs according to traffic engineers and State, City and federal laws, guidelines, ordinances and other directions; perform traffic flagging duties as needed.**

Assist with sign layout, design, silk screening, baking, spraying and other manual sign preparation duties.

**\*Operate a truck-mounted street painting machine to apply street and curb markings and traffic control symbols according to State laws and City needs; clean, grind, prepare and operate painting machine to apply correct color and line dimensions to pavement.**

**\*Assist with the lay out of lines to be painted; mix and thin paint to proper color and consistency; monitor and control paint flow for proper width and amounts; clean up equipment and vehicles following paint projects.**

**\*Perform traffic control duties for contractors or other City departments as required.**

**\*Clean and adjust a variety of equipment including paint guns, hoses and air regulators; maintain adequate inventory of tools, equipment and material supplies on assigned vehicle.**

**\*Operate a variety of equipment including paint spraying machines, pavement grinder, fork lift, hydraulic pipe straightener, jack hammer and hand and power tools.**

Maintain a variety of records related to work performed and inventory levels;  
**\*learn sign and painting layouts, color specifications and other State laws and regulations.**

Purchase tools and materials on open accounts from local vendors according to established procedures; notify supervisor of supply needs.

**\*Maintain and clean painting vehicle;** maintain shop and paint bays in a clean, safe and orderly condition.

**\*Respond to calls regarding damaged or missing signs;** make and answer phone calls to receive and provide information.

**\*Respond to emergency and off-hour situations as required;** administer first aid and CPR as needed.

**\*Cut away trees and brush as needed to remove visual obstructions.**

Perform related duties as assigned.

## **KNOWLEDGE AND ABILITIES:**

### **KNOWLEDGE OF:**

- Methods, equipment and materials used in the design, construction, fabrication, installation and repair of traffic and street signs.
- Operation, adjustment and repair of spray painting equipment.
- Methods, equipment and materials used in general maintenance work.
- Operation of mechanical, power and hand tools and equipment.
- Basic shop math.
- Basic inventory control methods.

- Basic directions, including left and right, north, south, east and west.
- Health and safety regulations and procedures.
- Basic record keeping techniques.

**ABILITY TO:**

- Perform routine duties to assist in the manufacture, installation, maintenance and repair of traffic control and information signs and symbols.
- Maintain inventory of signs and supplies.
- Learn to fabricate, maintain and repair City traffic signs.
- Learn pavement and curb marking techniques and practices.
- Learn OSHA and WISHA standards.
- Read and learn regulations contained in the Manual on Uniform Traffic Control Devices.
- Learn Washington State laws applicable to placement, size and markings of traffic control signs.
- Learn work zone traffic control techniques, practices and procedures.
- Operate a variety of tools and equipment including spray painting machine and sign-making equipment.
- Read, learn and apply technical laws relating to traffic control signs and markings.
- Work cooperatively with others.
- Understand and follow oral and written directions.
- Observe legal and defensive driving practices.
- Work from diagrams and drawings.
- Maintain records related to work performed

**EDUCATION AND EXPERIENCE:**

Any combination equivalent to: graduation from high school and sufficient training and experience to demonstrate the knowledge and abilities listed above.

**LICENSES AND OTHER REQUIREMENTS:**

Valid Washington State driver's license; obtain a valid traffic flagging certificate and first aid and CPR certificates issued by an authorized agency within first six months in this classification.

**WORKING CONDITIONS:**

Work is performed in the sign shop and in the field in all weather conditions. Some heavy physical labor may be required.

**\* Denotes an essential function**