
 CSC Adopted: October 2001 , CSC Revised: June 2007

Class Title: Traffic Maintenance Technician I

BRIEF DESCRIPTION OF THE CLASSIFICATION:

Installs and repairs signs and pavement markings for traffic safety. Supplies and sets up cones, barricades and other devices for traffic safety. Works with the emergency storm response teams.

ESSENTIAL FUNCTIONS:

This information is intended to be descriptive of the key responsibilities of the classification. The following examples do not identify all duties performed by any single incumbent. Specific requirements of individual positions are described in the Job Description.

Physical Strength Code		ESSENTIAL FUNCTIONS
1	H	Administers pavement markings by loading material into kettle and truck, sweeping, laying out machines, setting up cones and safety precautions, laying materials, working with paint truck and machines, operating eradicators, and removing pavement markings.
2	H	Installs, repairs and maintains signs by drilling, digging, riveting, hammering, grinding, banding, bolting, cementing and driving poles, removing poles, installing signs and removing signs.
3	M	Performs other duties by inspecting and maintaining equipment and vehicles, investigating requirements for signs, crosswalks, lane lines, arrows or other markings, retrieving, loading, and unloading safety devices for special events, and providing information to motorists and pedestrians.

CSC Adopted: October 2001 , CSC Revised: February 2007

CLASS REQUIREMENTS:

CLASS REQUIREMENTS	
Formal Education / Knowledge	Work requires the ability to read and understand written instructions, to understand simple processes and the routine operation of machines. Level of knowledge equivalent to less than high school or equivalency.
Experience	One year in construction.
Certifications and Other Requirements	Valid CDL Driver's License
Reading	Work requires the ability to read ordinances, maps, work orders, and blueprints.
Math	Work requires the ability to perform general math calculations such as addition, subtraction, multiplication and division.
Writing	Work requires the ability to write work orders.
Managerial	N/A
Budget Responsibility	N/A
Supervisory / Organizational Control	Work requires the occasional direction of helpers, assistants, seasonal employees, interns, volunteers or temporary employees.
Complexity	Normal tasks require use of definite procedures, with little deviation. Work requires little analysis or judgment.
Interpersonal / Human Relations Skills	Contacts others within the organization. These contacts may involve similar work units or departments within the City which may be involved in decision making or providing approval or decision making authority for purchases or projects. Works with individuals outside the City who may belong to professional or peer organizations. Working with various state and federal agencies may also be required. Vendors and suppliers may also be called upon for information on purchases, supplies or products. Meetings and discussions may be conducted with customers, motorists and sales representatives.

CSC Adopted: October 2001 , CSC Revised: February 2007

OVERALL PHYSICAL STRENGTH DEMANDS:

Sedentary	Light	Medium	Heavy X	Very Heavy
S = Sedentary Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time	L = Light Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	M = Medium Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	H = Heavy Exerting 50-100 lbs. occasionally, 25-50 lbs. frequently, or up to 10-20 lbs. constantly.	VH = Very Heavy Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

PHYSICAL DEMANDS:

C = Continuously 2/3 or more of the time.	F = Frequently From 1/3 to 2/3 of the time.	O = Occasionally Up to 1/3 of the time.	R = Rarely Less than 1 hour per week.	N = Never Never occurs.
--	--	--	--	----------------------------

This is a description of the way the job is currently performed; it does not address the potential for accommodation.

PHYSICAL DEMANDS	FREQUENCY CODE	DESCRIPTION
Standing	F	Directing traffic, setting up safety devices, marking pavement, installing signs
Sitting	O	Driving
Walking	F	To/from equipment, setting up safety devices
Lifting	F	Thermo, cones, barricades, signs, poles, tools, ladder
Carrying	F	Thermo, cones, barricades, signs, poles, tools, ladder
Pushing/Pulling	F	Paint machine, thermo machine
Reaching	F	Installing signs
Handling	F	Thermo, cones, barricades, signs, poles, tools, ladder
Fine Dexterity	O	Tools
Kneeling	R	Machine setup/maintenance, taking measurements
Crouching	O	Machine setup/maintenance, taking measurements
Crawling	N	
Bending	O	Setting up safety devices
Twisting	O	Setting up safety devices
Climbing	O	Ladder
Balancing	O	Ladder
Vision	C	Directing traffic, driving, setting up safety devices
Hearing	C	Staff, supervisor, public
Talking	F	Staff, supervisor, public
Foot Controls	O	Driving
Other (specify)	N	

MACHINES, TOOLS, EQUIPMENT, AND WORK AIDS:

Thermo machine, paint machine, chain saw, band saws, hammer, wrench, rivet guns, skill saws, eradicating machine, tape machine, ladder, levels, punches, paint truck, lift truck

ENVIRONMENTAL FACTORS:

D = Daily	W = Several Times Per Week	M = Several Times Per Month	S = Seasonally	N = Never
-----------	----------------------------	-----------------------------	----------------	-----------

HEALTH AND SAFETY		ENVIRONMENTAL FACTORS	
Mechanical Hazards	D	Dirt and Dust	D
Chemical Hazards	M	Extreme Temperatures	S
Electrical Hazards	N	Noise and Vibration	D
Fire Hazards	D	Fumes and Odors	D
Explosives	D	Wetness/Humidity	S
Communicable Diseases	N	Darkness or Poor Lighting	M
Physical Danger or Abuse	D		
Other (see 1 below)	N		

PRIMARY WORK LOCATION	
Office Environment	--
Warehouse	--
Shop	--
Vehicle	--
Outdoors	X
Other (see 2 below)	--

- (1)
- (2)

PROTECTIVE EQUIPMENT REQUIRED:

Respirator, vest, gloves, steel toed shoes, safety glasses, rain gear, coveralls

NON-PHYSICAL DEMANDS:

C = Continuously 2/3 or more of the time.	F = Frequently From 1/3 to 2/3 of the time.	O = Occasionally Up to 1/3 of the time.	R = Rarely Less than 1 hour per week.	N = Never Never occurs.
--	--	--	--	----------------------------

NON-PHYSICAL DEMANDS	
Time Pressures	F
Emergency Situations	R
Frequent Change of Tasks	F
Irregular Work Schedule/Overtime	O
Performing Multiple Tasks Simultaneously	O
Working Closely with Others as Part of a Team	F
Tedious or Exacting Work	O
Noisy/Distracting Environment	F
Other (see 3 below)	N

- (3)