



City of Tempe

TRAFFIC SIGNAL SERVICES WORKER I+

JOB CLASSIFICATION INFORMATION

<i>Job Code:</i>	121	<i>Department:</i>	Engineering & Transportation
<i>Supervision Level:</i>	Non-Supervisor	<i>State Retirement Group:</i>	ASRS
<i>Status:</i>	Classified	<i>Market Group:</i>	ITS Signal Technician II+
<i>Safety Sensitive / Drug Screen:</i>	Yes	<i>Physical:</i>	Yes

Click [here](#) for more job classification information including current salary range.

DISTINGUISHING CHARACTERISTICS

This is the entry level class in the Traffic Signal Services Worker series. This class is distinguished from the Traffic Signal Services Worker II+ by the performance of the more routine tasks and duties assigned to positions within the series including traffic signal and lighting maintenance and assisting in the construction and installation of traffic signal devices. Since this class is typically used as a training class, employees may have only limited or no directly related work experience.

REPORTING RELATIONSHIPS

Receives general supervision from supervisory or management staff.

MINIMUM QUALIFICATIONS

<i>Experience:</i>	One (1) year of traffic signal construction or maintenance experience.
<i>Education:</i>	High school diploma, GED or equivalency. Additional work experience may substitute for the required education.
<i>License / Certification:</i>	<ul style="list-style-type: none"> ● Possession of a valid driver’s license. ● Possession of, or required to obtain within six (6) months, a Work Zone Safety International Municipal Signal Association (IMSA) Certification.

ESSENTIAL JOB FUNCTIONS

Essential job functions are the fundamental duties of a position: the things a person holding the job absolutely must be able to do.

To actively support and uphold the City’s stated mission and values. To perform skilled and semi-skilled work in the construction, installation and maintenance of traffic signal and lighting devices.

OTHER DUTIES AS ASSIGNED

Please note this job description is not designed to cover or contain a comprehensive listing of all activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

- Participate in the construction, installation and maintenance of traffic signals and lighting systems.
- Operate equipment in signal installation such as dump trucks, air compressors, jack hammers, trenchers, backhoes, augers, crane trucks, bucket truck aerial lift, and forklifts.
- Install conduits for signal systems and ITS communication devices.
- Participate in the installation and identification of electrical circuits, splicing circuits and traffic control devices.
- Wire, drill, install, assemble and repair signal poles and heads, pedestrian heads, push buttons, luminaries, communication devices and wire loops.
- Operate shop tools, such as drill presses, grinders, cutting torches and welders.
- Monitor inventory of supplies and equipment; advise supervisor of equipment and supply needs.
- Trim and remove tree/brush obstructing City property.
- Setup safe work zone with traffic cones, signs and barricades, direct and control traffic during normal work schedule, evenings, weekends and special events.
- Remove graffiti, stickers, and unauthorized signs and posters on all signal poles and controller cabinets.
- Keep inventory of materials/supplies in vehicles and warehouse.
- Transport necessary equipment and supplies to and from the work site.
- Perform related duties as assigned.

COMPETENCIES

<i>CLASSIFICATION LEVEL</i>	<i>INCLUDES</i>	<i>COMPETENCIES</i>
Foundational	All Employees	Inclusion, Communication, Interpersonal Skills, Integrity, Professionalism, and Willingness to Learn
Non-Supervisory	In Addition >	Teamwork, Customer Service, Initiative, and Dependability / Reliability
Supervisory	In Addition >	Staffing, Monitoring Work, Delegating, Development / Mentoring, and Support Others
Manager	In Addition >	Preparing / Evaluating Budgets, Monitoring / Controlling Resources, and Motivating / Inspiring
Deputy Director	In Addition >	Entrepreneurship and Networking
Director	In Addition >	Organizational Vision

For more information about the City of Tempe's competencies for all classifications:

[City of Tempe, AZ : Competencies](#)

JOB DESCRIPTION HISTORY

Effective November 1988

Reviewed July 1992

Revised November 2001 (range adjustment is due to market)

Revised October 2003

Revised December 2005

Revised March 2012 (added CDL required when assigned to Striping Section)

Revised March 2019 (PW Reorg – moved to Engineering & Transp. Dept.)

Revised November 2023 (Update minimum quals - remove CDL requires when assigned to Striping Section and job duties)

PHYSICAL DEMANDS AND WORK ENVIRONMENT

Job Title: Traffic Signal Services Worker I+

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	Never	Occas.	Freq.	Contin.
ENDURANCE / ENVIRONMENT / MOVEMENT	0% of time	1-35% of time	36-65% of time	66-100% of time
Sit		X		
Stationary / Stand			X	
Move / Traverse				X
Machinery*				X
Electrical*			X	
Power Tools*		X		
Hand Tools*				X
Personal Protective Equipment*				X
Respirator*		X		
Airborne Chemical Exposure	X			
Airborne Biological Exposure	X			
Computer Software		X		
Physically handling of chemicals		X		
Indoors		X		
Outdoors				X
Around, in or on water		X		
Extreme Heat		X		
Extreme Cold		X		
Office Setting		X		
Confined Spaces	X			
Excessive Noise**		X		
Heights			X	
Sewage Exposure	X			
Bodily Fluid or bloodborne pathogen exposure	X			
Bend / Stoop / Twist			X	
Crouch / Squat			X	
Kneel / Crawl			X	
Above Shoulder Level			X	
Below Shoulder Level			X	
Repetitive Arm Use			X	
Repetitive Wrist Use			X	
Repetitive Hand Use			X	
Climb Stairs / Ladders			X	
Neck Range of Motion			X	
Traverse Uneven Surface			X	
Traverse Even Surface			X	

VEHICLE OPERATION	YES	NO
Will this position drive a City vehicle?	X	
Will this vehicle require a Commercial Drivers License?		X

VISION REQUIREMENTS	YES	NO
Close (clear vision at 20 inches or less)	X	
Distance (clear vision at 20 feet or more)	X	
Color (ability to identify and distinguish colors)	X	
Depth Perception (three-dimensional vision, ability to judge distances and	X	
Peripheral (ability to observe an area that can be seen up and down or to the	X	
Ability to adjust focus (ability to adjust the eye to bring an object into sharp focus)	X	

Maximum LIFT / CARRY	Lift	Carry	Maximum PUSH / PULL	Push	Pull
5-25lbs			5-25lbs		
26-50lbs	X	X	26-50lbs	X	X
51-75lbs			51-75lbs		
76-100lbs			76-100lbs		

ADDITIONAL CONSIDERATIONS:
- May require working extended hours.
- May work alone for extended periods of time.

*DEFINITIONS/EXAMPLES
Machinery: bucket truck, riding mowers, backhoe etc.
Electrical: wiring, outlets, fuses etc.
Power Tools: push mowers, jackhammers, drills, chainsaw etc.
Hand Tools: hammers, wrenches, shovels, wheel barrels, saws etc.
Personal Protective Equipment: Tyvek coveralls, hard hats, fall protection harness etc.
Excessive Noise exists when you raise your voice to communicate with someone who is 3 ft away.
Respirators: 1/2 face or full-face cartridge.
Hepatitis A and Hepatitis B vaccinations are offered to employees in the OSHA bloodborne pathogens

****Hearing test is required**