Title: Lead Traffic Signal Technician

FLSA Status: (Non-Exempt)

BRIEF DESCRIPTION:

The purpose of this position is to provide technical advice and act as a lead to Traffic Signal Technician Specialists and Assistants. This is accomplished by performing a wide variety of advanced and specialized duties, providing technical guidance, assigning and monitoring work, and assisting staff with complicated and difficult assignments. This position requires a rotation schedule for Standby and On-Call After-Hours support, which includes evenings, holidays, and weekends. Other duties may include completing related tasks as assigned.

ESSENTIAL FUNCTIONS:

Note: This information is intended to be descriptive of the key responsibilities of the position. The list of essential functions below does not identify all duties performed by any single incumbent in this position. Additionally, please be aware of the legend below when referring to the physical demands of each essential function.

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

#	Code	Essential Functions
1	S	Provides technical advice to Traffic Signal Technician staff, including handling the day-to-day scheduling of employee work coverage. Informs supervisors of project performance and provides general input on employee's performance. May provide input to the supervisor on hiring, formal written performance evaluation, reclassification, promotions, and merit increases.
2	M	Assists with the most complex and difficult repairs to ITS signal and communications systems including analog, digital, electronic, electric, mechanical signal equipment, wired and wireless communications systems, computerized circuits and microprocessors.
3	H	Assists in the installation, maintenance and repair of ITS systems, traffic signals and equipment, design and development of adaptive traffic systems, lighting systems, and blue stake coordination.
4	L	Provides training and instruction to crews on work methods, safety, policies and procedures, and related requirements.

JOB REQUIREMENTS:

-Description of Minimum Job Requirements	
Experience	4-6 years experience. Considerable previous experience required in the same or similar previous positions. The job requires an expert or journey level of knowledge of common and uncommon techniques, concepts, methods, practices, procedures, use of forms, routines, etc., of an extremely complex nature.
Education	Two year college program or equivalent combinations resulting in accumulation of similar knowledge or skills.
Technical Skill	Advanced technical skills. Work requires advanced skills, specialized knowledge, and extensive expertise in approaches and systems.
Physical Demands	Work requires heavy physical exertion and effort. Forces exerted are equivalent to lifting between 25 and 50 pounds. The need for physical stamina and endurance is great. The degree of physical strain produced on the job is high. It results in fatigue, and requires periods of rest. Job requirements for manual dexterity and physical manipulation are high. Work could involve the coordination of body movements involving various body postures.
Contacts	Contacts are an integral part of the job as work involves internal and external contacts for the purpose of problem-solving with respect to matters of considerable importance to the organization requiring tact, diplomacy and persuasiveness and/or where no guidelines exist. Improper handling could affect relationships between departments or functions. Contacts are frequently at the same or higher levels. Interactions may affect City business. Work involves regular contact with people who are upset, uncooperative or have difficulty communicating their requirements and/or a regular requirement to communicate information that people do not want to hear to find upsetting.
Responsibility	The job requires some accountability for scheduling, assigning or coordinating work. Employees check the quality of work and provide guidance to others. Although the job does not require formal or official supervisory responsibility the incumbent serves as a lead or acts in a lead role. In addition, the employee may be expected to provide information or suggestions on others' performance.
Accountability	Decision/action situations have a significant impact on the organization. Errors are difficult to detect and result in immediate impact on resources and continuing influence on operational effectiveness. Revenue, productivity, service, quality, security of assets or external relationships may be adversely affected. Corrections may be more costly than original action.
Environment	Exposure to physical hazards, health and safety risks, adverse or otherwise undesirable characteristics in the environment such as laboratory or warehouse, machinery vibration and noise, and hazardous chemicals. Personal risks require use of safety equipment or following precautions closely.
Safety	Responsible for personal performance as a source of serious safety risk. Work involves the use of hazardous tools, equipment and/or materials OR ensuring organizational compliance with rules, procedures and legislation for safe operation of facility, safety and development of safe work procedures.
Reading	Advanced - Ability to read literature, books, reviews, scientific or technical journals, abstracts, financial reports, and/or legal documents. Ordinarily, such education is obtained in at the college level or above. However, it may be obtained from experience and self-study.
Math	Intermediate - Ability to deal with a system of real numbers; and practical application of fractions, percentages, ratios/proportions and measurement. Ordinarily, such education is obtained in high school up to college. However, it may be obtained from experience and self-study.
Writing	Intermediate - Ability to write reports, prepare business letters, expositions, and summaries with proper format, punctuation, spelling, and grammar, using all parts of speech. Ordinarily, such education is obtained in high school up to college. However, it may be obtained from experience and self-study.
Certifications & Other Requirements	Valid Arizona Class “D” Drivers License upon hire. IMSA Traffic Signal Level II, IMSA Roadway Lighting Level II, and IMSA Fiber Optic for Traffic Signal Level I at time of hire.

OVERALL PHYSICAL STRENGTH DEMANDS:

-Physical strength for this position is indicated below with "H"-				
Sedentary	Light	Medium	Heavy	Very Heavy
Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time.	Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	Exerting 50-100 lbs. occasionally, 10-25 lbs. frequently, or up to 10-20 lbs. constantly.	Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

PHYSICAL DEMANDS:

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

Note: This is intended as a description of the way the job is currently performed. It does not address the potential for accommodation.

-Physical Demand-	-Frequency-	-Brief Description-
Standing	C	Observing work site, observing work duties, communicating with co-workers
Fine Dexterity	C	Computer keyboard, telephone keypad, calculator
Walking	F	To other departments/offices, around work site
Lifting	O	Supplies, files
Carrying	O	Supplies, files
Sitting	O	Desk work, meetings, driving
Reaching	O	For supplies, for files
Handling	F	Paperwork
Pushing/Pulling	O	File drawers, tables and chairs
Climbing	O	Stairs, step stools
Vision	C	Reading, computer screen, driving
Foot Controls	F	Driving
Balancing	O	On step stools
Bending	O	Filing in lower drawers, retrieving items from lower shelves/ground
Crouching	O	Filing in lower drawers, retrieving items from lower shelves/ground
Hearing	C	Communicating via telephone/radio, to co-workers/public
Kneeling	O	Filing in lower drawers, retrieving items from lower shelves/ground
Crawling	R	Under equipment
Twisting	F	From computer to telephone
Talking	F	Communicating via telephone/radio, to co-workers/public
Other (specified if applicable)		

MACHINES, TOOLS, EQUIPMENT, SOFTWARE, AND HARDWARE:

Variety of hand tools and small power tools, Lift, generator, variety of testing material, standard office equipment, Microsoft Office, and a variety of related software.

ENVIRONMENTAL FACTORS:

C Continuously	F Frequently	O Occasionally	R Rarely	N Never		D Daily	W Several Times per Week	M Several Times per Month	S Seasonally	N Never

-Health and Safety Factors-			-Environmental Factors-	
Mechanical Hazards	C		Extreme temperature	S
Chemical Hazards	O		Wetness and/or humidity	S
Electrical Hazards	C		Respiratory hazards	D
Fire Hazards	R		Noise and vibration	D
Explosives	R		Physical hazards	D
Communicable Diseases	R			
Physical Danger or Abuse	F			
Other:				

PROTECTIVE EQUIPMENT REQUIRED:

Hard hat, safety footwear, safety vest, safety glasses, harness, electrician insulated gloves

NON-PHYSICAL DEMANDS:

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

-Description of Non-Physical Demands-	-Frequency-
Time Pressure	F
Emergency Situation	F
Frequent Change of Tasks	F
Irregular Work Schedule/Overtime	O
Performing Multiple Tasks Simultaneously	F
Working Closely with Others as Part of a Team	F
Tedious or Exacting Work	O
Noisy/Distracting Environment	F
Other	

PRIMARY WORK LOCATION:

Office Environment		Vehicle	
Warehouse		Outdoors	X
Shop		Other	
Recreation/Neighborhood Center			