



Title: Transportation Maintenance Specialist

FLSA Status: (Non-Exempt)

BRIEF DESCRIPTION:

The purpose of this position is to perform journey level skilled activities and quality control activities related to traffic signing and pavement markings. 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. 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 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; 10-25 lbs. frequently; or up to 10-20 lbs. constantly.	(V) Very Heavy Exerting over 100 lbs. occasionally; 50-100 lbs. frequently; or up to 20-50 lbs. constantly.
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#	Code	Essential Functions
1	S	Provides technical advice to Traffic Maintenance Technicians, 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	L	Conducts complex analysis of integration/interface coordination of data in multiple applications including Hansen, Geo Results, and Arc View.
3	M	Conducts field reviews to ensure all work is done in accordance with required guidelines. Analyzes field conditions and prepares maps and/or drawings to depict potential signing and striping needs.
3	M	Overseas Oversees the inspection of contract work, coordinates work with contractors, and the public or other City departments during the construction phase of the projects.
4	L	Monitors and maintains materials, inventory and supplies; authorizes the purchase of materials and supplies within established guidelines.
5	S	Coordinates preventative maintenance; responds to customer complaints.
6	L	Reads and interprets signs and striping plans. Provides layout guidance to Transportation Technicians for in-house striping projects. Reviews signs and striping plans for accuracy and practicality in the field. Provides input and expertise to Traffic Engineering on behalf of Public Works.



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	High school plus additional course work (equivalent to up to 1 year at a Community College or equivalent resulting in accumulation of similar knowledge and abilities).
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 necessary to perform the job as work involves internal and external contacts for the purpose of providing guidance, instruction or technical advice or for the purpose of explaining business matters by interpreting organizational policy. Improper handling would cause problems in relationships. Work involves occasional contact with people who are upset, uncooperative or have difficulty communicating their requirements and/or an occasional requirement to communicate information that people do not want to hear or may 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 major impact on the organization in terms of costs, delays or attainment of organizational goals. Errors are often irreversible resulting in financial or public image losses extending over long periods.
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	Intermediate - Ability to read papers, periodicals, journals, manuals, dictionaries, thesauruses, and encyclopedias. Ordinarily, such education is obtained in high school up to college. 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	Basic - Ability to write simple sentences containing subject, verb, and object, and/or series of numbers, names, and addresses. Ordinarily, such education is obtained in elementary school up to high school. However, it may be obtained from experience and self-study.
Certifications & Other Requirements	Dependent on assignment, A valid Arizona Class "A" or "B" Commercial Driver's License with Tanker endorsement upon hire. IMSA Signs and Pavement Markings Technician Level I and Level II within 6 months of hire.



OVERALL PHYSICAL STRENGTH DEMANDS:

-Physical strength for this position is indicated below with “M”-				
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 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.
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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	F	Observing work site, observing work duties, communicating with co-workers
Fine Dexterity	O	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	F	For supplies, for files
Handling	O	Paperwork
Pushing/Pulling	F	File drawers, tables and chairs, equipment
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	F	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	O	From computer to telephone, in/out of equipment
Talking	F	Communicating via telephone/radio, to co-workers/public
Other (specified if applicable)		



MACHINES, TOOLS, EQUIPMENT, SOFTWARE, AND HARDWARE:

Standard office equipment, Microsoft Office, ArcView, HANSEN, GEO results, variety of vehicle/construction operated equipment, variety of hand tools, small power tools

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			O			Extreme temperature			S	
Chemical Hazards			O			Wetness and/or humidity			S	
Electrical Hazards			O			Respiratory hazards			M	
Fire Hazards			O			Noise and vibration			W	
Explosives			R			Physical hazards			W	
Communicable Diseases			R							
Physical Danger or Abuse			R							
Other:										

PROTECTIVE EQUIPMENT REQUIRED:

Safety glasses, vest, hard hat, ear plugs, safety footwear, gloves, and face shield.

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			O
Emergency Situation			O
Frequent Change of Tasks			O
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			

PRIMARY WORK LOCATION:

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