

**STATE OF ARIZONA JOB CODE SPECIFICATION**

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<b>FLSA:</b>	<b>NEXP</b>	<b>Job Code:</b>	<b>ACV97308</b>
<b>Job Class Code:</b>	<b>270</b>	<b>Salary Schedule:</b>	<b>ANONREG</b>
<b>EEO Category:</b>	<b>03</b>	<b>Grade:</b>	<b>S9</b>
<b>Workers Comp Code:</b>	<b>8601</b>		
<b>Job Code Established:</b>	<b>01/01/00</b>	<b>Effective Date:</b>	
<b>Job Code Revised:</b>	<b>04/01/06</b>	<b>Effective Date:</b>	<b>04/01/06</b>

**JOB CODE SERIES:** [-Transportation Series](#)

**JOB CODE TITLE:** TRANSPORTATION ENGINEERING SURVEY SPECIALIST

**HRIS TITLE:** TR ENGRG SURVEY SPCT

**CHARACTERISTIC OF THE CLASS:** Under the direction of a Transportation Engineering Chief Surveyor, provides specialized surveying services in highway design and construction; OR may supervise a work unit or a survey crew.

**EXAMPLES OF DUTIES:** Reviews construction projects including details specific to the area of assignment, such as, the placement of structures, rights-of-way, earthwork quantities, signing, and traffic engineering features; reviews project plans and specifications and verifies accuracy and assures compliance with industry standards; participates in project meetings and field reviews; makes recommendations to ensure plans are in compliance with design intent and established standards; formulates design alternatives; analyzes survey data and summarizes findings and recommendations; reviews project documentation, quantities and correspondence; coordinates with other project teams and agency personnel; provides technical instruction and assistance to project personnel; monitors progress and evaluates work assignments; evaluates consultants' work; participates in project progress meetings; plans and schedules work of assigned staff; long and short term project planning; establishes project deadlines and accomplishes agency goals.

**KNOWLEDGE, SKILLS AND ABILITIES:**

**Knowledge of:** principles and practices of civil engineering, geodetic and/or land surveying as applied to the development, design and construction of transportation systems; the uses and capabilities of a wide variety of survey equipment; computational and adjustment factors applied in the review and analysis of engineering and/or field surveying data related to the area of assignment; Federal and State statutes and agency standards, policies and procedures applicable to the area of assignment; public, agency and personal safety standards, policies, and procedures; first aid techniques; principles and practices of work leadership and management.

**Skill in:** analyzing, processing and evaluating a wide variety of engineering and survey data; operating a wide variety of surveying equipment.

**Ability to:** organize and prioritize; research, read and interpret technical engineering documents such as survey data, highway plans and computer printouts; interpret technical data from maps, plans and aerial photographs, write field notes; apply the principles and practices of work leadership and management; communicate verbally and in writing; analyze and evaluate a wide variety of engineering and/or survey data.

**SPECIAL SELECTION FACTORS:** Bachelor of Science in Civil Engineering or a closely related field; OR experience as a lead person assisting in the supervision of a field survey crew; OR completion of the Arizona Department of Transportation Engineer-in-Training (E.I.T.) program. A medical/physical evaluation is required prior to appointment.