

## STATE OF ARIZONA JOB CODE SPECIFICATION

<b>FLSA:</b>	<b>NEXP</b>	<b>Job Code:</b>	<b>ACV97306</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>S5</b>
<b>Workers Comp Code:</b>	<b>8601</b>		
<b>Job Code Established:</b>	<b>08/18/97</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 TECHNICIAN

**HRIS TITLE:** TR ENGRG SURVEY TECH

**CHARACTERISTIC OF THE CLASS:** Under the direction of an Engineering Survey Senior Technician, performs work using a variety of survey equipment such as Global Positioning Systems (GPS), total stations and levels; ~~as a level person and/or rod person on a survey crew, prepare~~ preparing designated highway segments for construction, location or photogrammetric surveying; and other related duties.

**EXAMPLES OF DUTIES:** Establishes mathematical vertical and horizontal survey control on existing and new survey monuments using electronic survey equipment; identifies locations on aerial maps and sets monuments; recovers existing monuments; interprets maps, plats, plan and relevant documents; constructs and places aerial targets on survey monument and structures to mark designated locations; compiles field survey books; prepares maps, diagrams, and sketches, annotates photographs and writes field survey notes; sets up survey sites for survey control; runs bench levels for vertical control, establishes elevations and sets control rods, sets control points with stakes, hubs, and pins and places aerial targets; maintains surveying equipment and vehicles; restocks supplies and materials in vehicles; assists others by performing duties such as operating total station devices or Global Positioning Systems receivers, and rodding for electronic data collection; places traffic cones on highway worksites; and operates automatic distance measurement devices. Must be capable of lifting and carrying 35 pounds.

### **KNOWLEDGE, SKILLS AND ABILITIES:**

**Knowledge of:** construction, location or photogrammetric surveying methods, procedures and techniques; uses and capabilities of a wide variety of survey equipment; mathematics as applied to adjusting field and office survey calculations; agency safety standards, policies and procedures; computer programs applicable to functional work unit.

**Skill in:** operating survey instruments/equipment including electronic total stations, digital and automatic levels, Global Positioning System equipment and theodolites; entering data in electronic surveying equipment, field books and computers.

**Ability to:** interpret a variety of technical data from maps, plans and aerial photographs, write field notes; communicate verbally and in writing.

**SPECIAL SELECTION FACTORS:** A medical/physical evaluation is required prior to appointment.