

UTAH COUNTY JOB DESCRIPTION

CLASS TITLE: SENIOR ENGINEERING TECHNICIAN
CLASS CODE: 3046
FLSA STATUS: NON-EXEMPT
SUPERVISORY STATUS: SUPERVISORY
EFFECTIVE DATE: 5/20/2015
DEPARTMENT: PUBLIC WORKS

JOB SUMMARY

Under the general supervision of Division Director – Engineering, performs supervisory and engineering work relating to County construction activities, and Storm Water regulation compliance.

ESSENTIAL FUNCTIONS

Supervises field operations of assigned employees and contractors in completing County projects related to roads, bridges, signing, small structures, park facilities, parking lots, and similar Public Works facilities. Supervises, trains, and assists assigned personnel in their respective duties related to County projects. Inspects County projects to ensure quality and compliance with plans, specifications, construction codes, building codes, pertinent legislation, and County standards. Prioritizes and sets schedules for County roads maintenance and repairs. Serves as liaison between Utah County, cities, and federal agencies regarding road maintenance. Participates in the construction of projects including but not limited to framing, forming, and pouring and finishing of concrete. Responds to emergency situations on an on-call basis as assigned. Responds to complaints related to County projects. Performs civil and surveying design using the CAD and ArcGIS computer systems. Assists in the safety review of County projects. Ensures that inspection records are properly maintained. Inspects excavation and access permits to ensure conformance with safety and construction standards. Maintains a computerized database of traffic accidents. Serves as the County's storm water representative. Performs the County's storm water requirements as per inter local agreements. Supervises all reviews of Storm Water Management Plans, and approves final SWMP documents. Writes Storm Water Management Standard Operating Plans (SOP) for County-owned facilities. Trains County employees in various departments for SOP implementation and to ensure County compliance with Storm Water regulations. Manages County's debris basin facilities. Acts a Dam Tender for all County maintained debris basins. Performs duties of the Engineering Technician I/II as required.

KNOWLEDGE, SKILLS, AND ABILITIES

Considerable Knowledge of:

Storm Water regulations and best management practices.

Knowledge of:

Local codes, requirements, and safety rules.

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Technical manuals including the Standard Specifications for Construction and the Manual for Uniform Traffic Control Devices.

Supervisory techniques.

Skill in:

Reading, writing, and basic math.

Directing the work of others.

Operating and maintaining field engineering equipment.

Algebra, trigonometry, geometry, surveying, advanced math, and applied engineering calculations.

Analytical problem solving.

Ability to:

Communicate technical information verbally and in writing.

Train and lead others.

PHYSICAL DEMANDS

Regularly:

Walk, stand or stoop.

Life or otherwise move objects weighing up to 100 pounds.

Ascend or descend ladders, scaffolding, ramps, poles and the like.

Use tools or equipment requiring a high degree of dexterity.

Drive a motor vehicle.

Work for sustained periods of time maintaining concentrated attention to detail.

Need to distinguish between shades of color.

Communicate via radios.

Accommodation may be made for some of these physical demands for otherwise qualified individuals who require and request such accommodation.

WORKING CONDITIONS

Work is performed in an office with a computer and occasionally outdoors in hot, cold, or inclement weather.

Work is performed occasionally in a partially environmentally controlled building. Work exposes incumbent to conditions such as fumes, noxious odors, dusts, mists, gases, and poor ventilation. Work exposes incumbent to possible bodily injury from moving mechanical parts of equipment, tools, or machinery. Work requires use of protective devices such as masks, goggles, and gloves. Work exposes incumbent to possible bodily injury when performing field work.

EDUCATION AND EXPERIENCE

Equivalent to an Associate's Degree in Civil Engineering, Drafting Technology including course work in surveying, advanced structural drafting, advanced architectural drafting and civil drafting, or related field including course work in math, soils, surveying, engineering principles, and construction; and four (4) years work experience performing civil engineering activities including two (2) years in a leadership capacity.

LICENSING, CERTIFICATION, AND OTHER REQUIREMENTS

Applicants must possess a valid driver license and obtain a valid State of Utah driver license within 60 days of employment. Incumbents must obtain, and thereafter maintain, certification as a Registered Storm Water Inspector during the probationary period for new hires or during the trial period for County employees

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promoted to this classification through a competitive recruitment process. County employees being reassigned, transferred, or promoted through career ladder advancement to this classification must possess said certification upon reassignment, transfer, or career ladder advancement.

This description lists the major duties and requirements of the job and is not all-inclusive. Incumbent(s) may be expected to perform job-related duties other than those contained in this document and may be required to have specific job-related knowledge and skills.