

SNOHOMISH COUNTY JOB DESCRIPTION

ENGINEERING TECHNICIAN I

Spec No. 3041

BASIC FUNCTION

To perform basic office and field engineering tasks under supervision to support planning, design, drafting, construction, materials testing, and survey operations of the engineering division.

STATEMENT OF ESSENTIAL JOB DUTIES

1. Researches and compiles information for use in planning and implementing road maintenance engineering projects, such as gathering data on titles, deeds, and conveyance documents for right of way acquisition, ownership verification and documentation.
2. Reads and interprets legal descriptions for the location of properties.
3. Collects data from traffic engineering records or in the field for use in project reports, diagrams or displays.
4. Performs basic drafting and lettering assignments to assist with the development, design, and construction of public works improvements.
5. Assists with or receives training in the activities of a survey crew; serves as flagger, cuts brush and cleans survey equipment.
6. Posts public meeting and environmental impact statement posters in the community.
7. Picks up and delivers engineering materials and supplies.
8. Perform materials testing, collect materials samples, and assist on the drill rig.

STATEMENT OF OTHER JOB DUTIES

9. Performs related duties as required.

MINIMUM QUALIFICATIONS

One (1) year of technical training in area of assignment; OR, any equivalent combination of training and/or experience that provides the required knowledge and abilities; AND, a High School Diploma or GED. Must pass job related tests.

SPECIAL REQUIREMENTS

A valid Washington State Driver's License is required for employment.

SNOHOMISH COUNTY JOB DESCRIPTION

ENGINEERING TECHNICIAN I

Spec No. 3041

SPECIAL REQUIREMENTS (Continued)

Will be required to submit a complete three (3) year abstract of driving record. A job offer will be conditioned on satisfactory results of a driver's abstract.

The following Special Requirements will be required by applicants who are hired to work in Road Maintenance:

1. Possession of or ability to obtain a valid State of Washington Traffic Flagging card within three weeks of being hired.
2. A valid First Aid card within ninety (90) days of employment is required.
3. Job offer will be conditioned on satisfactory results of a post-offer drug screen test, a medical examination, and a Physical Capacities Evaluation performed by a qualified healthcare professional selected by Snohomish County

KNOWLEDGE AND ABILITIES

Knowledge of:

- basic engineering practices
- algebra, geometry and trigonometry
- general safety rules and regulation and safe working procedures

Ability to:

- use a computer for basic word processing and spreadsheet creation and manipulation
- perform basic drafting, surveying, materials testing, or other technical engineering assignments
- understand and execute written and oral instructions
- prepare clear and concise written records and reports
- establish and maintain effective working relationships with other county employees, representatives of other agencies and with the general public
- organize and maintain job related files and records

SUPERVISION

Employee reports to a lead worker, crew supervisor or office supervisor as assigned.

WORKING CONDITIONS

Work is performed in the office or in the field in varying weather conditions. Physical hazard from traffic and construction equipment at the work site may be present. The employee is also exposed to a variety of conditions such as: working in ditches, slopes, trenches,

SNOHOMISH COUNTY JOB DESCRIPTION

ENGINEERING TECHNICIAN I

Spec No. 3041

WORKING CONDITIONS (Continued)

excavations, and on uneven terrain and slippery surfaces. Physical exertion may be required to lift equipment, sample sacks, concrete cylinders and testing equipment weighing up to fifty to seventy-five (50-75) pounds. Mobility is required for walking over long distances and rough terrain on construction sites. Climbing on ladders and bridge and other structures is required.

Snohomish County is an Equal Employment Opportunity (EEO) employer.
Accommodations for individuals with disabilities are provided upon request.

[EEO policy and ADA notice](#)

Class Established: 1980

Previous Spec No. 420400

Revised: May 2009, December 2009, February 2010, May 2010

EEO Category: 3 - Technicians

Pay Grade: 232 - Classified Pay Plan

Workers Comp: 1501 Hazardous