

# **SNOHOMISH COUNTY JOB DESCRIPTION**

## **ENGINEERING TECHNICIAN II-TECHNICAL RESOURCES**

Spec No. 3046

### **BASIC FUNCTION**

Performs manual/CADD drafting and calculations and develops plans, figures and displays for Public Works projects.

### **STATEMENT OF ESSENTIAL JOB DUTIES**

1. Performs manual drafting and utilizes CADD station for drafting and technical tasks including development of design reports, right-of-way plans, and construction plans for Public Works projects.
2. Develops exhibits for reports and displays for meetings.
3. Provides research assistance for Project Designers.
4. Performs entry level road design engineering calculations.

### **STATEMENT OF OTHER JOB DUTIES**

5. Performs miscellaneous technical tasks.
6. Performs related duties as required.

### **MINIMUM QUALIFICATIONS**

One (1) year of vocational or college courses in engineering/engineering technology; AND, one (1) year related field or office experience in civil engineering/engineering technology which includes at least 500 hours AutoCAD or other comparable drafting software; OR, any equivalent combination of training and/or experience which provides for the required knowledge, skills, and abilities. Must pass job related tests.

### **SPECIAL REQUIREMENTS**

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

### **KNOWLEDGE AND ABILITIES**

Knowledge of:

- geometry, algebra and trigonometry
- engineering principles, practices
- CADD station and computer drafting

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### ENGINEERING TECHNICIAN II-TECHNICAL RESOURCES

Spec No. 3046

#### KNOWLEDGE AND ABILITIES (Continued)

Ability to:

- read and interpret engineering plans
- perform entry level civil drafting
- create clear concise graphic displays for meetings and exhibits for reports
- comply with standards and guidelines
- communicate effectively verbally
- problem solve
- adapt to changing priorities and technology
- be self motivated to perform quality work
- work as a vital team member
- possess good organizational skills
- contribute creative, innovative ideas to solve problems and meet goals
- provide consistent, and accurate technical support to a variety of individuals and groups

#### SUPERVISION

Work is assigned, scheduled and supervised by a technical or professional supervisor who reviews results to insure adherence to instructions and conformance with established departmental and engineering standards.

#### WORKING CONDITIONS

Work is performed in the usual office environments.

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: March 1994  
Previous Spec No. 420447  
EEO Category: 3 - Technicians  
Pay Grade: 234 - Classified Pay Plan  
Workers Comp: 1501 Hazardous