

## **SNOHOMISH COUNTY JOB DESCRIPTION**

### **ENGINEERING TECHNICIAN III - DRAINAGE FACILITIES MAINTENANCE**

Spec No. 3050

#### **BASIC FUNCTION**

To assisting in the inspection, maintenance, and inventory of stormwater drainage facilities.

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

1. Researches plat plans for stormwater drainage facility access easements and rights.
2. Researches construction plans for stormwater drainage facility locations and configuration.
3. Drafts stormwater drainage facility inventory site plans.
4. Inspects stormwater drainage facilities for routine maintenance.
5. Updates and enters records in inventory, inspection, and maintenance work authorization databases.
6. Inspects plat stormwater drainage facilities for final construction approval and maintenance bond release.
7. Inspects completed drainage facility maintenance work.
8. Performs technical level engineering calculations such as areas, volumes, and survey note reduction.
9. Performs entry level survey work for levels traverses, and topographic surveys.

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

10. Performs related duties as required.

#### **MINIMUM QUALIFICATIONS**

One (1) year of vocational or college courses in construction or civil engineering technology, and two (2) years of related field or office experience in civil engineering and/or public works facility construction or maintenance. Work related experience may be substituted for the required education on the basis of one (1) year of experience equals two (2) years of education. Must pass job related tests

#### **SPECIAL REQUIREMENTS**

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

## SNOHOMISH COUNTY JOB DESCRIPTION

### ENGINEERING TECHNICIAN III - DRAINAGE FACILITIES MAINTENANCE

Spec No. 3050

#### KNOWLEDGE AND ABILITIES

Knowledge of:

- engineering and surveying principles and practices
- IBM compatible computers and MS-DOS
- construction equipment and practices
- algebra, geometry, and trigonometry

Ability to:

- interpret, modify, and draft detailed civil engineering plans and specifications
- update and enter computer database records
- communicate effectively with the general public, contractors, maintenance personnel, and other staff members
- work as a team member
- complete work tasks within assigned schedule
- work independently and organize workload

#### PHYSICAL REQUIREMENT

Driving a vehicle for field work and lifting up to ninety (90) pounds.

#### SUPERVISION

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

#### WORKING CONDITIONS

Work is performed in the office and in the field. There will be occasional exposure to extreme temperature and hazardous equipment and traffic.

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: January 1993  
Previous Spec No. 420428  
EEO Category: 3 - Technicians  
Pay Grade: 237 - Classified Pay Plan  
Workers Comp: 1501 Hazardous