

SNOHOMISH COUNTY JOB DESCRIPTION

ENGINEER II - PDS

Spec No. 3342

BASIC FUNCTION

To perform a variety of professional engineering assignments in drainage and traffic development which requires the application of standard engineering principles and methods. Assists Engineers III or IV or coordinates the work of consultants.

STATEMENT OF ESSENTIAL JOB DUTIES

1. Reviews land development applications, including subdivisions, rezones, grading permits, building permits, special use permits, site plans, variance requests, and boundary line adjustments, for compliance with state laws, county codes, policies, and engineering design standards for mitigation of transportation and environmental impacts to development's road system.
2. Critiques and partners with architects, engineers, consultants, developers, and governmental agencies to review development activity, approve engineering plans, reports, specifications, studies and as-builts related to development activity; evaluates geotechnical engineering reports, structural engineering design and calculations.
3. Provides testimony and presentations, representing Planning and Development Services (PDS) before meetings and public hearings at forums such as the county hearing examiner and county council.
4. Serves as the project manager for the construction plan review and approval phase of project development, coordinating other team members on development project decisions.
5. Utilizes drainage basin computer models to identify potential storm water problems and required mitigation measures.
6. Assesses proposed development plans for storm water treatment designs to protect surface and groundwater, as well as critical areas, including geologic (landslide, seismic, and erosion) hazard assessments.
7. Evaluates and marks up or critiques the engineering design and specifications prepared by professional practitioners for site and infrastructure development for applicable code compliance.
8. Assists and advises responsible officials in making revisions and amendments to existing county ordinances, policies, and procedures regarding development relative to transportation and drainage impact issues.
9. Inspects proposed development locations and their associated road systems to evaluate proposed and needed road layouts, traffic safety, and design elements in order to make determinations of right-of-way needs, public and private road construction, and any detail

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STATEMENT OF ESSENTIAL JOB DUTIES (Continued)

of environmental analysis. Also may inspect for construction plan compliance with applicable drainage codes.

10. Determines the scope of detailed environmental analysis necessary related to the intensity of development proposal; review environmental impact statements when applicable, and provide written review and recommendation.

11. Coordinates and reviews the work of other engineering staff as it relates to assigned construction projects, provides training in related work as required.

STATEMENT OF OTHER JOB DUTIES

Performs other related duties as assigned.

MINIMUM QUALIFICATIONS

A Bachelor of Science degree in civil engineering or related field and two (2) years of professional civil engineering experience; OR, any equivalent combination of education and experience which provides the required knowledge, and ability to perform the work. Must pass all job related tests.

SPECIAL REQUIREMENTS

An Engineer-in-Training certificate is required. P.E. license preferred

A valid Washington State Driver's License may be required.

KNOWLEDGE AND ABILITIES

Knowledge of:

- principles, practices and techniques of engineering related to area of assignment
- federal, state and local laws, rules and regulations related to area of assignment
- hydraulic and hydrologic computer modeling techniques
- computer software programs used in area of assignment
- land development practices and procedures
- applicable state and county codes, ordinances, standards and regulations
- engineering techniques, principles and practices related to area of assignment

Ability to:

- understand site related documents such as blueprints, plans and sketches
- critically analyze development and independently identify and define plan deficiencies which do not comply with established laws and standards
- maintain necessary records and prepare required reports

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KNOWLEDGE AND ABILITIES (Continued)

- analyze and interpret special reports and technical data
- establish and maintain effective work relationships with superiors, peers, associated homeowners, builders, developers, and the general public
- communicate effectively both orally and in writing, including public speaking in a court room environment of cross examination and redirect
- read, learn, interpret and apply work-related ordinances, codes, standards and regulations

SUPERVISION

The work requires considerable independent judgment and discretion in developing and achieving work unit goals and objectives. The work is reviewed through meetings and periodic status reports, and by evaluation of results obtained.

WORKING CONDITIONS

The work is performed in an office environment with frequent field trips to locations throughout the county to make site visits, attend meetings, or coordinate work activities. Meetings or project requirements may involve working evenings, weekends or holidays as necessary.

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: October 2007
EEO Category: 2 – Professionals
Pay Grade: 243 – Classified Pay Plan
Workers Comp: 1501 Hazardous