

State of Washington  
Dept. of Natural Resources  
invites applications for the position of:  
**Roads/Bridge Engineer**

**careers.wa.gov**  
Working for Washington State

**SALARY:** \$5,334.00 - \$7,172.00 Monthly  
\$64,008.00 - \$86,064.00 Annually

**OPENING DATE:** 05/24/19

**CLOSING DATE:** 06/20/19 11:59 PM

**DESCRIPTION:**



WASHINGTON STATE DEPARTMENT OF  
**NATURAL RESOURCES**



**Civil Engineer 3-Roads/Bridge Engineer  
Olympic Region - Forks  
Recruitment # 2019-05-3988**

**Want to join something GREAT and make a difference?**

Olympic Region is actively seeking a Forest or Civil Engineer for the Forest Roads Program. The duty station is in Forks, Washington on the Olympic Peninsula. The varied terrain and high rainfall in Olympic Region provide for many engineering challenges in forest road maintenance. Qualifying experience for the Professional Engineer License may be signed off on for engineers with the Engineering in Training certification. The position is based in the Region office in Forks, and covers the entire region, from Hood Canal, along the Straits, and down the coast to Grays Harbor. The community of Forks is small but vibrant, especially when it is time for the annual scholarship auction. Port Angeles is only an hour away. The rain is plentiful as are the outdoor activities available. Fishing, hunting, hiking, the mountains and the coast are in the back yard.

Serving within the Roads Engineering Section, the duties you perform are essential to the operation of the Region's road maintenance, public works, bridge, and Road Maintenance and Abandonment Planning (RMAP) programs. You will provide engineering services and support in the management of Olympic Region's network of approximately 2600 miles of forest roads. In this position you will act as the designated expert in the management of the Region's bridges. You will bring your expertise, experience, and creativity to duties including annual bridge inspections and maintenance; fish passage assessment and design; engineering survey, design, and construction compliance on forest road projects utilizing the Agency heavy equipment crew and private contractors; development of public works contracts; and prioritization and coordination of road maintenance and construction activities.

In this position you will interact with professionals having diverse talents and skillsets. You will have the opportunity to work frequently with other engineers, foresters, wildlife biologists, GIS professionals, geologists, and heavy equipment operators, to name a few. Collaboration is one of our agency's core goals and it is our belief you will benefit by learning while working side by side with others in these fields and other fields as they learn from you.

In your application materials, please provide your Engineer-in-Training registration number and state of registration, or if applying as a professional engineer, provide your license number and state of registration. Please also demonstrate your knowledge and experience in: stream crossing structure design; road design, construction and maintenance; contract preparation and administration; surveying and surveying principles; and designing fish passage structures. This is a full-time permanent position represented by the WFSE.

### **What will we trust you with?**

- Managing Olympic Region's bridge program.
- Detail-oriented project work and consultation.
- Manage your own forest road projects from initial scoping to closing out construction.
- Collaborating between different stakeholders in the Region in the process of putting together road and bridge projects.
- Creating and maintaining respectful working relationships.
- Providing recommendations for actions on bridges, culverts, and other maintenance needs on forest roads.
- Providing recommendations on corrections to fish barriers.
- Supervision of two engineers.
- Thinking critically and strategically while also meeting project deadlines.
- Building Teams.

### **Why work for DNR?**

#### **Our Values**

At DNR, we value public service, innovation and creative problem solving, safety and well-being, and leadership and teamwork.

#### **Our Why**

At DNR you'll support the vision of a sustainable future by using your skills to protect and manage the state's natural resources for both current and future generations. As a DNR employee, you'll work with the public's interest in mind as we manage more than 5 million acres of state-owned forest, range, commercial, agricultural and aquatic lands. But managing lands is only half of our story. We house the Washington Geological Survey, a dynamic program that is the primary source of geological products and services in support of decision making in Washington. We also protect other public resources such as fish, wildlife, water, and provide public access to outdoor recreation. Two of our largest and most important state-wide resource protection responsibilities are fire prevention and suppression, and overseeing forest practices.

We are nearly 1,500 employees strong and dedicated to making DNR a great place to work. Our mission is to serve Washington's lands and communities; build strong and healthy rural communities; enhance forest health and wildfire management; strengthen the health and resilience of our lands and waters; and increase public engagement and commitment to our public lands and resources. In partnership with citizens and governments, we provide innovative leadership and expertise to ensure environmental protection, public safety, perpetual funding for schools and communities, and a rich quality of life. At DNR we approach our work through the lens of making Washington a better place environmentally, economically and socially for current and future generations.

#### **The Location**

One of the world's most scenic places, Washington State offers breathtaking discoveries for people who love natural beauty and outdoor recreation, from the Pacific Coast shores to the rugged Cascade Mountains to the rolling hills of the Palouse. Your office will be located in the Olympic Region at Forks Washington.

## **What makes DNR a great place to work?**

Transitioning to a modern work environment  
Mobile work  
Incentives at work program  
Commitment to organizational health and wellness  
Diversity, Equity and Inclusion Council  
Leadership that empowers and supports employees  
Work/life balance  
Leadership development opportunities  
Educational aid and career development stipends  
Public Service Loan Forgiveness Eligibility  
Opportunities to participate in wildland fire suppression assignments  
Opportunities to stretch your professional skills  
A comprehensive benefit package that includes employer contributions toward health insurance, paid holidays, retirement plans, sick leave and vacation days.  
Visit <http://careers.wa.gov/benefits.html> for more information.

## **Why do people choose to work for DNR?**

"I enjoy the clients I support and there are a ton of smart, fun, passionate people in this agency that I have the privilege of interacting with and learning from. DNR is a great place because of the people who are here. They are passionate, hard-working, loyal, intelligent, kind, and FUN! The aspects of the agency that speak to me are how diverse the work is that we do; from forests to grass lands, from mountain tops to under water, the composition of the agency made up by various different responsibilities makes it so interesting."

"I am committed to this agency's purpose, the Washington Geological Survey is an amazing place full of innovative, creative, and open-minded people, and I get great satisfaction from serving Washington's residents. I love it here because this place loves me. I like how I am made to feel valued, appreciated, and I feel that my skills are constantly being broadened. I am generally my only limitation."

"The idea of managing the resources in perpetuity really speaks to me. I like that the work DNR does tries to strike a balance between business and conservation and that I don't have to compromise one for the other because I am expected to do both. We are expected to be good stewards of the resources and the decisions we make mean something...in perpetuity."



## **Who are we looking for?**

### **Required Qualifications:**

The right candidate has:

- A Bachelor's Degree in Forest or Civil Engineering and a minimum of 3 years of experience equivalent to the Natural Resource Engineer 2 or Civil Engineer 2 level and Registration as an Engineer-In-Training.

OR

- Registration as a Professional Forest Engineer or Civil Engineer in the State of Washington or another State based on registration requirements equivalent to those in Washington will substitute for either the education or experience requirements.
- Knowledge and experience in stream crossing structure design.
- Knowledge and experience in road design, construction and maintenance, including analysis of road conditions.
- Knowledge and experience in contract preparation and administration.
- Knowledge of and experience in surveying and surveying principles.
- Knowledge and experience designing fish passage structures.
- Completion of the WSDOT bridge condition inspection course within 12 months of being hired.

### **Desirable Qualifications:**

- Certificate of Completion from WSDOT Bridge Condition Inspection Training.
- Project Management skills.
- Proficiency In AutoCad, ArcGIS, RoadEng, and other engineering software programs.
- Experience In forest road construction, repair, and stabilization design.
- Experience in forest road structure inspection.

### **APPLICATION PROCESS**

To be considered you must apply online at [www.careers.wa.gov](http://www.careers.wa.gov) (**Click on the APPLY button above**)

You must complete the entire online application to be considered for the position.

You must attach the following:

- A letter of interest describing how your experience and qualifications relate to the position profile, required and desired position qualifications, and special position requirements.
- A resume **including the names of three to five professional references**

Carefully review your application materials before submitting. **If you fail to submit the required documents or complete the entire online application, you may no longer be considered for the position by the supervisor.**

**Application Status** – once you submit your online application, you can check your status by logging into your account. Finalists for the position will be contacted by the hiring managers directly.

**Questions?** Please Jeremy Tryall at phone number (360)640-2363/jeremy.tryall@dnr.wa.gov or e-mail us at [DNRrecruiting@dnr.wa.gov](mailto:DNRrecruiting@dnr.wa.gov).

Washington State Department of Natural Resources is an Equal Opportunity Employer and prohibits discrimination and harassment of any kind. We are committed to providing equal employment opportunities in a fair and impartial manner for all persons without regard to age, sex, marital status, sexual orientation, gender identity, race, creed, color, national origin, religion, pregnancy/parental status, genetic information, military status, political affiliation, criminal history or the presence of any sensory, mental or physical disability or the use of a trained service animal by a person with a disability. Persons with a disability who need assistance during the screening process or those needing this announcement in an alternative format may contact DNR Recruiting staff (360) 902-1350 or (360) 902-1128. DNR may be contacted using the Washington State Telecommunications Relay Service (TRS) by dialing 711.



### Roads/Bridge Engineer Supplemental Questionnaire

- \* 1. Do you have a Bachelor's Degree in Forest or Civil Engineering and a minimum of 3 years of experience equivalent to the Natural Resource Engineer 2 or Civil Engineer 2 level and Registration as an Engineer-In-Training. OR Registration as a Professional Forest Engineer or Civil Engineer in the State of Washington or another State based on registration requirements equivalent to those in Washington will substitute for either the education or experience requirements.  
 Yes  
 No
- \* 2. Do you have experience in stream crossing structure design?  
 Yes  
 No
- \* 3. Do you have experience in road design, construction and maintenance, including analysis of road conditions?  
 Yes  
 No
- \* 4. Do you have experience in contract preparation and administration?  
 Yes  
 No
- \* 5. Do you have experience in surveying and surveying principles?  
 Yes  
 No
- \* 6. Do you have experience designing fish passage structures?  
 Yes  
 No
- \* 7. Do you have a driver's license and at least two years of driving experience?  
 Yes  
 No
- \* 8. Where did you originally hear about this job (i.e. friend, newspaper, careers.wa.gov, specific job board website)?

\* Required Question