

**Student Trainee**  
Civil Engineer GS-899  
Civil Eng. Tech. GS-899

**2013 Hourly Salary**  
GS-899-3 \$12.59/hr  
GS-899-4 \$14.14/hr

Federal Highway Administration

# PATHWAYS INTERNSHIP PROGRAM

U.S. Department of Transportation | Western Federal Lands Highway Division

## Internship Opportunities

Through this program, the Western Federal Lands Highway Division (WFLHD) hires college students to fill short term staffing needs in highway construction, roadway design or highway engineering, surveying, or materials testing. Students typically work during the summer months, the peak of the construction season in the Northwestern states. This program is the mechanism for recruitment into entry-level positions within the WFLHD Project Delivery Branch. Through this program, the students gain highway engineering and construction experience to complement their academic studies. The program provides an excellent opportunity for on-the-job experience, preparing the student for future consideration for employment with the Federal Highway Administration and the transportation industry.

Students are assigned to highway construction or survey projects throughout Oregon, Washington, Idaho, Montana, Alaska, or Wyoming. Alternatively, students may be assigned to a roadway design or materials testing assignment at the WFLHD office in Vancouver, Washington. Typical duties for an Intern on these assignments are as follows:



**Construction** The construction assignment may include inspection of the contractor's grading, placement of surfacing materials, drainage installation, bridge construction, survey staking, and assisting with field office documentation such as verifying design information and checking field data.

**Survey** On a survey assignment, the student will assist a WFLHD survey crew with preliminary surveying and/or staking for a future roadway or bridge construction project. The student will use survey equipment to locate, stake, and verify roadway features and topography for use in the development of roadway reconstruction plans.

**Highway Design** Typical duties for a highway design assignment include assisting highway engineers in the development of roadway construction plans, contract specifications, and cost estimates. The Intern normally receives CADD training and experience using the Bentley Microstation CADD platform.

**Materials** A materials assignment requires the student to assist technicians with the testing of various highway construction materials such as concrete, soils, asphalt, and roadway aggregates. The Intern will gain experience in the various testing procedures and testing equipment used in the heavy construction industry.



Federal Highway Administration | Western Federal Lands Highway Division  
610 East 5<sup>th</sup> Street | Vancouver, WA | 98661  
WFL\_Careers@dot.gov | 360.619.7700





## Who we are . . .

**Federal Highway Administration** Nearly one-third of the land area of the United States is Federally-owned and administered. The Federal Government has a special interest in and responsibility for highways on/or serving these Federal Lands. Congress has established various programs to fund the construction of highways on Federal lands and has authorized the Federal Highway Administration (FHWA) to perform engineering and related services in connection with their improvement. FHWA administers the Federal Lands Highway Program, for survey, design and construction services with Federal Partners of forest highway system roads, parkways and park roads, refuge roads, Indian reservation roads, defense access roads, and other Federal lands roads. The program impacts the traveling public by providing safe and scenic means of surface transportation.

**Western Federal Lands Highway Division (WFLHD)** is based in Vancouver, Washington. WFLHD is one of three field Division offices responsible for the Federal Lands Highway Program. WFLHD provides our partners with transportation program administration and engineering services for planning, environmental compliance, design, contract administration, construction, and rehabilitation of highway and bridges on or providing access to federally-owned lands in the states of Washington, Oregon, Idaho, Montana, Alaska, and two National Parks located in Wyoming.

**Project Delivery Branch** This branch of WFLHD oversees the design and construction of highways and highway improvements. Within the Project Delivery Branch, the Project Development group employs approximately 45 full-time employees engaged in highway design engineering and environmental compliance; and the Construction group employs a staff of approximately 50 field employees engaged in highway construction engineering.

## The next step . . . .

**Eligibility** Students must be enrolled in a curriculum leading to a degree in Civil Engineering, Civil Engineering Technology, Construction Engineering Management Technology, Geomatics, or a related field. Students must also be enrolled in taking at least a half-time course load, have a 2.0 or higher GPA and be in good academic standing.

**How to apply** In the fall, Western Federal Lands Highway Division will post a vacancy announcement for the FHWA Pathways Internship Program on USAJOBS.GOV, the Federal Government's official one-stop source for Federal jobs and employment information. There will be a short window of opportunity to complete the online application process. A resume and unofficial transcript will be required to apply.

**When do selections occur** Western Federal Lands Highway Division will notify applicants in the Winter. The official offers of employment come from our Administrative Services team in Lakewood, Colorado.



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