

Job Title: Engineering Technician 1 (intern)

Seasonal Temporary Position: June through September

Job Salary: \$21.59/hr (20-40 hours per week, Monday – Friday)

Location: Bridge Shop Office (1403 SE Water Ave, Portland, OR 97214)

Multnomah County is seeking an Engineer Technician 1 (intern) to join the Bridge Division team. You will assist in and/or perform engineering technician duties such as basic computer-aided drafting, collecting load tickets or pavement management system (PMS) data, performing basic construction and/or bridge inspections, materials testing, and other engineering technician support duties associated with bridge services.

The Multnomah County Bridge Division manages and maintains six Willamette River Bridges and over twenty smaller bridges elsewhere in the County. The Bridge Division is divided into three work groups, each with a unique function: Engineering, Operations, and Maintenance. The primary goal of the Bridge Division is to provide safe transportation facilities for the public (river traffic and car, bike and pedestrian traffic), to protect the public investment by preserving the historic bridges, and to help plan for the transportation needs of the 500,000 new residents expected in the Portland area by the year 2020.

This position will have an emphasis in the following duties:

Perform and/or assist in a wide variety of basic computer-aided drafting duties such as drafting bridge and road structures, inputting and receiving data for various projects, or using a computer to store and summarize field data, drafting plans, profiles, cross sections and other documents, or computing quantities and helping to prepare estimates.

Perform and/or assist with other duties such as setting up and running materials tests, operating electronic traffic counting equipment, checking property descriptions or preparing permits.

Education and Experience:

We are looking for someone with major course work in engineering or surveying technology, construction management, or related field or two years of job training, internships, or work study experience and possession of or ability to obtain, an appropriate and valid driver's license.

- Basic knowledge of the fundamental principles of engineering mathematics and costing procedures.
- Basic knowledge of civil and structural automated and manual drafting principles and

practices.

- Basic knowledge of traffic engineering fundamentals.
- Basic knowledge of road and/or bridge construction practices and procedures.
- Ability to perform designated shop and office duties as may be required such as using computer-aided drafting, project tracking, preparing and interpreting plans for construction, understanding a variety of maps and drawings and/or preparing accident diagrams.
- Ability to communicate clearly both orally and in writing.

Veterans' Preference: Under Oregon Law, qualifying veterans may apply for veterans' preference for this recruitment. Review our [veterans' preference website](#) for details about eligibility and how to apply.

For veterans qualified for Veterans' Preference: If you believe you have skills that would transfer well to this position and/or special qualifications that relate to this position, please list those skills and/or qualifications in the box below. Clearly explain how those skills and/or qualifications apply.

Application Instructions:

Please fill out and submit an application for this position through the form link provided by your program coordinator. The deadline for submitting online application is March 31, 2017.