



Engineering Internship

College to County Intern 2023 - Department of Community Services

Multiple jobs (two)

Pay Rate: \$24 per hour

Job Type: Temporary College Intern

Duration: Summer 2023 - 12 weeks

Hours: 40 hours a week

Telework: *one hybrid, one office/field*

Building Physical Location: 1620 SE 190th Portland, OR 97233

Does This Position Require Driving a County Vehicle? If so, please explain why and frequency: This position requires driving a county vehicle and a valid driver's license. This person will be driving to remote areas of Multnomah County without transit access and/or making several stops throughout the day where transit is not feasible. Access to a Trimet pass can be provided if requested.

Description:

Multnomah County is seeking two Engineer interns to join the Transportation Division. You will assist in and/or perform engineering technician duties primarily on roadway construction projects. You will interface with members of the surrounding community, the contracting team, professional engineers, and the County project management team. The goal of this position will be to gain experience on practical engineering projects. You will be assigned productive tasks which may fall into one or more of several areas of transportation engineering work such as asset management, planning, design review, plan review, construction review and project management.

The learning objectives of this internship are to improve your knowledge of construction means and methods, evaluate and determine compliance in existing assets, develop your ability to make informed engineering decisions, recognize the value of stakeholder input, and become familiar with engineering documentation.



The Multnomah County Transportation Division manages and maintains nearly 300 miles in the cities of Fairview, Troutdale, and Wood Village and unincorporated areas including Sauvie Island, the West Hills and the Corbett area. We also maintain six bridges across the Willamette River. The Transportation Division includes six programs: Transportation Planning and Development, Road Engineering, Road Maintenance, Bridge Engineering, Bridge Maintenance, and Survey.

These positions will have an emphasis in the following duties:

One of the positions will primarily perform and/or assist with onsite construction inspection, review and provide comments on design changes, perform quantity take-offs and contractor cost reviews, and maintain project documents.

One of the positions will primarily document existing assets within the right of way and determine compliance. This role will also review design documents to ensure compliance of future construction activities.

Education and Experience:

We are looking for someone with major course work in civil engineering, construction management, or related field or two years of job training, internships, or work study experience and possession of a valid driver's license.

- Basic knowledge of the fundamental principles of engineering mathematics and costing procedures.
- Basic knowledge of traffic engineering fundamentals.
- Basic knowledge of construction practices and procedures.
- Ability to perform designated shop and office duties as may be required such as project tracking, preparing and interpreting plans for construction, and/or understanding a variety of maps and drawings.
- Ability to communicate clearly both orally and in writing.
- Strong problem solving skills.
- This position must work in the field as well as in an office setting. The incumbent must be willing and able to drive; work in traffic; willing and able to work outdoors in various (and possibly adverse) weather conditions.

Workforce Equity:

Our Commitment to Safety, Trust and Belonging: Multnomah County is committed to developing, nurturing and continually improving workforce equity by identifying and addressing the structural and policy barriers to equal employment opportunity faced by our employees and communities. Learn more by reading our [Workforce Equity Strategic Plan](#) and exploring our [Core Competencies](#) for all County employees.

COVID-19 Vaccination Requirement: To protect the health of the community and employees, Multnomah County requires employees to be fully vaccinated



against COVID-19 or have an approved medical or religious exception qualification of employment.

The rule applies to all employees, as allowable by law. Candidates who receive an offer of County employment must provide proof of vaccination upon hire or submit an exception request prior to their start date.

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.

Accommodation under the Americans with Disabilities Act: We gladly provide reasonable accommodation to anyone whose specific disability prevents them from completing an application or participating in this recruitment process. Please contact the recruiter below in advance to request assistance. Individuals with hearing or speech impairments may contact the recruiter through the Telecommunications Relay Service by dialing 711.

Application Instructions:

Please fill out and submit an application for this position through the form also located on this [website](#). The deadline for submitting an online application is April 2, 2023.