



**Roanoke Stormwater Utility
Stormwater Engineer / Civil Engineer I**

For too long, cities have treated rainwater as a waste. Stormwater has been viewed as something to be 'managed' while urban development and streets have prevented stormwater from doing exactly what we most need it to do: get back into the ground. As a City known for its outdoor activities and amenities, Roanoke understands the need to protect the health of the Roanoke River and its 13 tributaries while alleviating localized drainage concerns.

To that end, in 2014 the City of Roanoke created a Stormwater Utility to focus upon a \$140M backlog of capital stormwater construction projects, an estimated \$125M of TMDL related water quality projects, and maintenance of the City's stormwater infrastructure assets including approximately 9500 inlets, 400 linear miles of pipe, 750 outfalls, and 32 City owned BMPs. This Stormwater Engineer position will be an integral part of our Utility's annual stormwater capital improvement program while working as a part of the Stormwater Utility team to fulfill our mission to: Transform the Roanoke River into a community asset, focal point, and source of pride for those that live, work, learn, and play in its watershed.

Roanoke, Virginia is a unique locality with amenities that you'd expect from a dynamic urban center, without losing the charm of a small town. Nestled in the Blue Ridge Mountains, the City of Roanoke is one of the area's largest employers offering competitive health and dental benefits, life insurance, and retirement pension plans. Employees may also choose to participate in optional benefits including a deferred compensation plan and flexible spending account through payroll deduction.

Position: Stormwater Engineer/Civil Engineer I

Department: Stormwater Utility

Salary: \$50,057.28 - \$80,092.22 DOQ

Description:

- Performs work in the planning, design, scheduling, right-of-way acquisition, construction contract administration, construction inspection and citizen outreach of a variety of stormwater Capital Improvement Projects.
- Participates in the production of storm system designs, plans, specifications and cost estimates related to Capital Improvement Projects. Specific knowledge of associated design components is a must including professional land surveying, sustainable and resilient design, drafting, erosion and sediment control, and green infrastructure.
- Ensures that stormwater Capital Improvement Projects follow the tenets of the Envision rating system developed by the Institute for Sustainable Infrastructure to not only alleviate drainage issues, but also to improve water quality downstream and protect the health of the Roanoke River.
- Procures professional engineering consultant services and manages design contracts in conformance with the City of Roanoke purchasing standards.
- Ability to read, interpret, and create maps, surveys, engineering drawings, and graphics from engineering software; ability to use AutoCAD, Spreadsheets, ArcGIS, HEC-RAS and various stormwater design programs.

- Specific experience in dealing with state and federal regulatory agencies including but not limited to FEMA, USACE, VA DEQ, VA DCR, VDOT, VMRC, and VDGIF.
- Bachelor's degree from four-year college or university recognized by the Commonwealth of Virginia Department of Professional and Occupational Regulation (VA DPOR) board for Architects and Engineers with a major in civil, biological systems, or hydrological engineering, or related field; one to three years related experience and/or training in a variety of professional engineering work; prefer graduate study in the area of stormwater; or equivalent combination of education and experience
- Recognition as an Engineer-in-training in the Commonwealth of Virginia preferred or be able to obtain within 24 months of hire.
- Credentialed as an Envision Sustainability Professional (ENV SP) through the Institute for Sustainable Infrastructure is preferred or be able to obtain within 6 months of hire.

Application Instructions:

Interested candidates should apply online at www.roanokeva.gov/jobs.