



Job Announcement  
August 2023

**Civil Engineer - Water Resources & Stormwater (Full Time)**

CityScape Engineering, 3000 Chestnut Ave, Baltimore, MD 21211

**Compensation**

\$75,000 - \$115,000.00, commensurate with experience

Full benefits & retirement savings package

**About CityScape Engineering**

CityScape Engineering is looking for Civil Engineers to support the design of green infrastructure and community redevelopment projects in Baltimore City! Are you an advocate for vibrant urban communities? Are you passionate about green infrastructure? Do you want to work on projects with community members & partners dedicated to improving Baltimore? We want you to join our team!

Our project types include the following:

- City Parks and Open Green Space
- Multi-modal Trail and Transportation Routes
- Urban Redevelopment and Reinvestment
- Affordable and Equitable Housing
- Site ADA Accessibility
- Sustainable and Affordable Utility Infrastructure

CityScape Engineering is a civil engineering firm specialized in urban green infrastructure, stormwater management design, site design and permitting assistance for revitalization, redevelopment, and environmental restoration site projects. We believe connection to nature is essential to human well-being. We work to green the urban environment and advance community supported revitalization through inspired engineering and design. CityScape is a certified woman-owned MBE/DBE/SBE firm by MDOT and Baltimore City to provide civil engineering, environmental consulting, and landscape design services. Visit our website for more information: <https://www.baltimorecityscape.com/>

**Job Description:**

CityScape Engineering is seeking experienced Water Resources Engineers (**3+ years experience**) to support our green infrastructure and community redevelopment projects in and around Baltimore City, Maryland. The Water Resources Engineer will support the design of green infrastructure projects, including the preparation of stormwater management, erosion and sediment control, and site design plans. **All applicants should have a robust knowledge of stormwater hydrology, hydraulics and BMP design. Experience preparing construction documents using AutoCAD or Microstation software is required.** Applicants should have a passion for promoting innovative and equitable urban design solutions for community greening and revitalization projects. Candidates are expected to travel to and work from our office in Baltimore City, Maryland.

### **Primary Responsibilities:**

- Support the design of innovative stormwater, drainage, and erosion & sediment control related to urban redevelopment, Public Park projects, Green and Complete Street, and environmental restoration projects per MDE, Baltimore City, or other local Maryland jurisdictional standards
- Perform hydrologic and hydraulic analysis of storm flows related to stormwater management calculations
- Perform hydrologic and hydraulic computations related to storm drain inlets, storm drain pipes, and gutter flow
- Prepare site grading, drainage, stormwater management and erosion & sediment control plans
- Prepare drawings and construction documents using primarily AutoCAD and occasionally MicroStation software. Work will involve the preparation of profiles, plan sheets, details, and specifications associated with civil engineering design
- Prepare calculations and technical reports for stormwater, storm drain, and erosion & sediment control designs
- Facilitate the regulatory stormwater and erosion and sediment control plan review and permitting process
- Estimate the quantities and cost of construction projects
- Perform construction oversight and verification of project installations
- Interact with and provide timely updates to co-workers, clients, subconsultants, regulatory reviewers, and project stakeholders to coordinate project needs
- Conduct occasional field work with other Team Members in and around Baltimore City to perform site evaluations to take field measurements
- Participate in community meetings (virtual or in-person depending on Covid-19 restrictions) and engage with diverse groups of City residents for project design development. Occasional evening or weekend meetings may be required, with compensation
- Demonstrate a passion for working in diverse communities on environmentally sensitive, community-driven restoration projects
- Candidates will be expected to work on multiple projects concurrently and meet project deadlines.

### **Required Experience and Skills:**

- Engineer-in-Training or Professional Engineer
- BS Civil Engineering, Biological, Agricultural, Water Resources, or Environmental Engineering. Master's degree is a plus.
- Robust knowledge of stormwater/hydrology/hydrologic design principles
- Robust knowledge of stormwater practice design, drainage area delineation, and practice sizing
- Ability to complete and analyze hydrologic and hydraulic models (TR-55, TR-20, HEC-RAS and/or similar)
- Proficient with AutoCAD (Civil 3D preferred) and/or Microstation design software
- Proficient with Microsoft Office (Word, Excel, PowerPoint)
- Candidates should be adept in problem-solving, have strong computer and mathematical skills, be well organized, display effective communication skills, and have ability to work both independently and within a team environment

- Knowledge of standard design and construction details for water, sanitary, stormdrain and stormwater infrastructure
- Capability to manage portions of large projects or whole small projects independently
- Interest and ability to develop new client relationships
- Knowledge of Baltimore City, County, and/or MDE plan review and permitting process is preferred
- Involvement with industry related associations/organizations is encouraged

**Benefits include:**

- Competitive salary (commensurate with experience)
- Paid holiday, sick and vacation time
- Health/Dental/Vision insurance
- Lifetime Health Savings Account for tax free health savings
- Short-term and long-term disability insurance
- Retirement plan with employer match
- Professional membership and Continuing Education support
- Flexible work schedule, as needed
- Company vehicle for work related use during work day, we support non-car commutes to the office
- Dog-friendly office

To apply, please email your cover letter and resume to: [kelly <at> baltimorecityscape.com](mailto:kelly@baltimorecityscape.com).  
CityScape is an equal opportunity employer.