



Job Announcement
November 2022

DESIGN ENGINEER – Civil Water Resources (Full Time)

CityScape Engineering, 3000 Chestnut Ave, Baltimore, MD 21211

Compensation

\$72K +, commensurate with experience

Full benefits & retirement savings package

About CityScape Engineering

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.

Job Description:

CityScape Engineering is seeking a **Design Engineer (2-4 years experience)** to support our green infrastructure and community redevelopment projects in and around Baltimore City, Maryland. The Design Engineer will support the design of green infrastructure projects and assist in the preparation of construction plans and documents. Candidates will be expected to work on multiple projects concurrently and meet project deadlines. 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:

- Design of Environmental Site Design (ESD), environmental restoration, and other green infrastructure and stormwater management projects per MDE, Baltimore City, or other local Maryland jurisdictional standards
- Perform hydrologic and hydraulic analysis of storm flows
- Prepare site grading, drainage, and erosion & sediment control plans to support restoration re-development projects, and public park projects
- Prepare project deliverables and complete design tasks in accordance with the scope, schedule, and budget defined by the Project Manager
- 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, stormdrain, and erosion & sediment control designs
- Support Project Managers with the regulatory stormwater and erosion and sediment control plan review and permitting process
- Estimate the quantities and cost of construction projects
- Support Project Managers to perform construction 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
- Attend 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

Required Experience and Skills:

- BS or MS in civil engineering or related engineering field (i.e. biological, agricultural)
- Minimum 2 years of design experience in the Engineering field
- Knowledge of stormwater/hydrology/hydrologic design principles
- Knowledge of stormwater practice design, drainage area delineation, and practice sizing
- Ability to perform site grading using existing topography and contour lines
- Ability to complete and analyze hydrologic and hydraulic models (TR-55, TR-20, HEC-RAS and/or similar)
- Experience using AutoCAD (Civil 3D preferred) and/or Microstation design software
- Proficiency 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 the ability to work both independently and within a team environment

Preferred Skills:

- Engineer-in-Training or Professional Engineer
- Knowledge of Baltimore City, County, or MDE plan review and permitting process
- Interest and ability to continuing developing technical skills and gain early exposure to project management

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

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

CityScape is an equal opportunity employer.