

Internal Transfer Opportunity			
JOB TITLE	Graduate Civil or Environmental Engineer, Civil or Environmental Engineer 1, Civil or Environmental Engineer 2, Civil or Environmental Engineering Specialist		
CLASS CODE	3B04, 3B60, 3B05, 3B61, 3B06, 3B62, 3B74	PREPARED BY	PWD HR
DATE LISTED		CLOSING DATE	Until filled by transfer or appointment
JOB LOCATION	Jefferson Tower, 1101Market Street, 4 <sup>th</sup> Floor	Number of Positions	1
DIVISION/UNIT	Planning & Environmental Services Division, GSI Implementation Unit	REPORTS TO	Jillian Simmons
GROUP	GSI Design Group		
POSITION DETAILS			
UNIT OVERVIEW	<p>The Green Stormwater Infrastructure (GSI) Implementation Unit's mission is to effectively develop and grow an integrated infrastructure resilience program to ensure ongoing regulatory compliance. The primary goals of the GSI Unit are to:</p> <ul style="list-style-type: none"> <li>• Work with those who have an interest in both public and private land to maximize opportunities for green stormwater infrastructure improvements.</li> <li>• Accelerate and improve the planning, design, installation, and verification of green stormwater infrastructure systems to keep pace with the increasing rates required to maintain compliance.</li> <li>• Develop and execute new programs and partnerships to advance opportunities to integrate infrastructure resilience into to work of this and other departments.</li> </ul>		
GROUP OVERVIEW	<p>The available position is within the GSI Unit's GSI Design group. The mission of the GSI Design group is to advance the ability of the Philadelphia Water Department to design and build green stormwater infrastructure (GSI) in the public right-of-way and on public property to meet the public GSI commitments of the City's Green City, Clean Waters Program for Combined Sewer Overflow Control. The group works primarily on PWD capital projects and projects with partnering City agencies.</p>		
POSITION OVERVIEW	<p>The candidate selected for this position will assist civil and environmental engineers, landscape designers, and planners in the GSI Design and the GSI Planning groups to plan and design public GSI projects. The group's primary responsibilities are developing construction documents for GSI, developing resources and standards for GSI, and providing technical support to Planning and Construction. Typical tasks and responsibilities include engineering plan review and calculations; project management; coordination with other PWD Units; resource development; and other required office and field tasks.</p>		
DUTIES AND RESPONSIBILITIES	<p>Tasks will be scaled based on the level of the employee. Tasks will increase in scope and complexity to develop the knowledge and abilities of the engineer. Employees will be given progressively more difficult assignments and are expected to use progressively more independence of judgment in planning work details and making engineering decisions. Employees at the Engineer 2 or Specialist Level may provide technical direction to lower-level engineers, interpretative and advisory services to engineering superiors, and may serve as project leaders on specific assignments.</p> <ul style="list-style-type: none"> <li>• Develops feasible design strategies for GSI projects in the public right-of-way or on parks, recreation centers, vacant lots, and schools</li> <li>• Prepares or reviews sketches, drawings and designs, plans and specifications, cost estimates, engineering calculations, and design reports</li> <li>• Reviews plans, specifications, cost estimates, engineering calculations, and design reports prepared by consulting engineers to determine accuracy and completeness of plans and for compliance with sound engineering practices and Department standards</li> <li>• Coordinates the design and review of projects with other department units and outside entities including Parks and Recreation and the Streets Department</li> <li>• Ensures necessary permits and project reviews are obtained</li> <li>• Tracks project metrics and records key project information in Department databases</li> <li>• Oversees projects schedules to maintain effective implementation</li> <li>• Supports construction through review of construction submittals, responding to RFI's and field inquiries, and attendance at field meetings, as needed</li> </ul>		

	<ul style="list-style-type: none"><li>• Assists GSI Planning in the development of feasible concept designs and planning documents</li><li>• Performs site visits during planning, design, and construction to evaluate field conditions</li><li>• Contributes to the development of design guidelines, tools, and standards to assist in streamlining of the GSI implementation process</li></ul>
DIRECT REPORTS Y/N	N

PWD employees interested in internal transfer opportunities must have permanent status in the title advertised above. If you are interested in being considered for this internal transfer opportunity please email your resume to Jillian Simmons, GSI Design Program Manager, at [Jillian.Simmons@phila.gov](mailto:Jillian.Simmons@phila.gov) and Oneather Kent-Fulton, HR Manager [Oneather.kent-fulton@phila.gov](mailto:Oneather.kent-fulton@phila.gov)