

| Internal Transfer Opportunity |  |                     |   |
|-------------------------------|--|---------------------|---|
| JOB TITLE                     | Civil Engineer 1, Civil Engineer 2, Engineering Specialist   |                     |   |
| CLASS CODE                    | 3B05, 3B06, 3B74   | PREPARED BY         | PWD HR                                  |
| DATE LISTED                   |  | CLOSING DATE        | Until filled by transfer or appointment |
| JOB LOCATION                  | Jefferson Tower, 1101 Market St, 2nd Flr   | Number of Positions | 1                                       |
| DIVISION/ UNIT                | Engineering, Design (Private Cost)   | REPORTS TO          | Vinu Varghese / Torin Johnson           |
| POSITION DETAILS              |  |                     |   |
| UNIT OVERVIEW                 | <p>The Engineering Design Review (Private Cost) Group's mission is to effectively work with Private Developer's, Federal, State, City, and Partner agencies on any development project with a scope of work impacting PWD infrastructure. Impact can range from relocation of a fire hydrant/ Inlet to reconstructing public water and sewer systems to accommodate other elements of the project's scope. The Private Cost projects are primarily any water/sewer work not directly funded through PWD's capital program. The primary goals of Private Cost unit are to:</p> <ul style="list-style-type: none"> <li>Review and approve water/sewer plans and specifications prepared by the consultant engineers and ensure the plans meet PWD design standards and PWD regulations.</li> <li>Work collaboratively with Federal, State, City and partner agencies to pursue the department's objective and execute financial and construction agreements between both parties.</li> <li>Provide design services and program support to the Water's capital program and Operational units.</li> </ul>  |                     |   |
| POSITION OVERVIEW             | <p>The candidate selected for this position will work on assignments from routine to moderately complex water/sewer projects and application of broad knowledge on engineering principle and practices in all phases of projects. Work will be performed under the general direction of an engineering supervisor.</p>   |                     |   |
| DUTIES AND RESPONSIBILITIES   | <ul style="list-style-type: none"> <li>Review plans, specifications and calculations prepared by consulting engineers for utility conflict, completeness, accuracy, and engineering feasibility for projects including relocation of water distribution/transmission main system, reconstruction of sanitary/storm/ intercepting sewer, outfalls, relocation of water mains on bridges, construction feasibility of water/ sewer infrastructures in close proximity to retaining walls, culverts, street lighting and highway sections.</li> <li>Review Stormwater, GSI, GPIS plans for utility conflict and construction feasibility</li> <li>Evaluate and analyze projects to determine if federal, state, and city engineering regulations applicable to the project under review are met.</li> <li>Assist in performing hydraulic studies and calculations to determine flow conditions in various kinds of inlets and sewers.</li> <li>Prepare sketches and draw simple designs or components of major design projects and review the same for correctness</li> <li>Resolve field engineering, construction, and specification interpretation problems and make sound engineering recommendation and express ideas effectively, both orally and in writing.</li> <li>Establish and maintain effective working relationships with Federal, State, City, partner agencies, Contractors, associates and with other engineering personnel.</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 Vinu Varghese, Private Cost Unit @ [vinu.varghese\\_civil@phila.gov](mailto:vinu.varghese_civil@phila.gov) and Oneather Kent-Fulton, HR Manager [Oneather.kent-fulton@phila.gov](mailto:Oneather.kent-fulton@phila.gov)