

PHILADELPHIA DISTRICT – US ARMY CORPS OF ENGINEERS

*** NOTE: This job is a civilian position and does not require military service (including commission and enlistment) ***

NOW HIRING

Civil Engineer (Structural) GS-7 Full Performance Level GS-11 (1 Vacancy)

THIS IS A DIRECT HIRE SOLICITATION – THIS POSITION IS BEING ADVERTISED THROUGH THE DIRECT-HIRE AUTHORITY (DHA) FOR CERTAIN PERSONNEL (MODIFIED DIRECT HIRE AUTHORITY, SECTION 1109; PL, 116-92, DATED 12/20/2019). (This authority is primarily being used to appoint qualified candidates who are not existing Department of Defense competitive service employees with permanent status.)

HOW TO APPLY – Email the following documents to Carl.D.Leunig@usace.army.mil and Cameron.P.Chasten@usace.army.mil.

- a. A copy of your most current Resume which clearly identifies your education and beginning and ending dates of any employment. Include work experiences and skills exhibited, number of hours per week worked at each job, and associated references.
- b. An unofficial copy of your college transcript which includes the name of your educational institute, your identifying information, the degree conferred, and date degree conferred.

Opens: 23 September 2022. Closes: 6 October 2022. These documents must be emailed no later than 11:59 pm on 6 October 2022.

This position is for the U.S. Army Corps of Engineers, Philadelphia District, Engineering & Construction Division, Bridge Inspection Regional Center of Expertise and Structural Analysis & Design Branch, Structural Analysis & Design Section, 100 Penn Sq East, Philadelphia, PA.

This is a Permanent appointment, Full-Time Federal civilian position which include: paid holidays, annual and sick leave, health, dental, vision and life insurance, public transportation subsidy, and participation in the Federal Employees Retirement System (FERS) retirement plan, which includes the Thrift Savings Plan, a 401k-style investment plan with up to 5% employer matching.

Position Title: Civil Engineer (Structural) GS-0810-07, Full Performance Level GS-11.

Applicant will be selected at the GS-07 level and may be non-competitively promoted up to the GS-11, through the intervening GS-09 level to the target level of GS-11 if: (1) the incumbent performs the full scope of the major duties at each level; (2) meets all necessary qualification requirements for promotion to the next level; and, (3) is functioning under the supervisory controls stated in the target job description. Promotion is not guaranteed.

Salary Range: \$48,880 (step 1) - \$63,538 (step 10) annually

Position Duties:

- Serve as a junior structural civil engineer with responsibility for completing developmental trainings and assignments as well as assisting more experienced structural engineers on complex design problems.
- Assist with structural design projects including, but are not limited to, bridges, buildings, dams, and coastal structures.
- Performs trainings and developmental assignments which are aimed at increasing engineering skills, knowledge of the organization, and professional relationships throughout the organization.
- Prepares or supports the preparation of preliminary design studies, memorandums, Design Documentation Reports (DDR), design calculations, and contract Plans and Specifications (P&S) for assigned projects.
- Interviews or corresponds with product manufacturers concerning the design, fabrication and/or installation of structural components and exchanges information and data as to the latest products and design consideration for incorporation into project designs.
- Serves as a junior designer on single and multi-discipline tasks. Applies engineering concepts to complete designs and assigned tasks under the supervision and guidance from more experienced engineers.
- Delivers designs and assigned tasks within the assigned schedule. Coordinates assigned tasks with the appropriate personnel, including Product Development Team (PDT) members and the end user/customer.

Qualifications: Candidates will be evaluated in accordance with the qualification and eligibility requirements set forth by the Office of Personnel Management (OPM) located at <https://www.opm.gov/policy-data-oversight/classification-qualifications/general-schedule-qualification-standards/#url=Group-Standards>.

Basic Requirements:

A. Degree: Engineering. To be acceptable, the program must: (1) lead to a bachelor's degree in a school of engineering with at least one program accredited by ABET; or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.

OR

B. Combination of education and experience -- college-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications

to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following:

1. Professional registration or licensure -- Current registration as an Engineer Intern (EI), Engineer in Training (EIT)¹, or licensure as a Professional Engineer (PE) by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be rated eligible only for manufacturing engineering positions.
2. Written Test -- Evidence of having successfully passed the Fundamentals of Engineering (FE)² examination or any other written test required for professional registration by an engineering licensure board in the various States, the District of Columbia, Guam, and Puerto Rico.
3. Specified academic courses -- Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and that included the courses specified in the basic requirements under paragraph A. The courses must be fully acceptable toward meeting the requirements of an engineering program as described in paragraph A.
4. Related curriculum -- Successful completion of a curriculum leading to a bachelor's degree in an appropriate scientific field, e.g., engineering technology, physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a bachelor's degree in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions. (The above examples of related curricula are not all inclusive.)

Conditions of Employment:

Upon hiring, selectee will be required to obtain and/or maintain the following:

Driver's license: Must be able to obtain and maintain of a valid state driver's license.

Travel: Business travel up to 25% of the time.

Probationary Period: A two-year Probationary or Trial period may be required.

Reasonable Accommodation: Reasonable Accommodation is available to qualified employees with disabilities. For further information visit: <https://www.opm.gov/policy-data-oversight/disability-employment/reasonable-accommodations/>

Information may be requested regarding the vaccination status of selected applicants for the purposes of implementing other workplace safety protocols. For more information, visit <https://www.saferfederalworkforce.gov/faq/vaccinations/>.

Requirements for positions Upon Job Offer:

Selective service registration (for males born after December 31, 1959).

Proof of US Citizenship

Direct Deposit of pay