



Structural Engineer

Please take a look at what you can expect to earn as a **Structural Engineer** during your first year as a full time Employee with Washington County Government:

- ✓ **Six (6) Paid Personal Days**
- ✓ **Ten (10) Paid Vacation Days**
- ✓ **Fourteen (14) Paid Holidays; plus 3 partial paid holidays.**
- ✓ **Fifteen (15) Paid Sick Days**
- ✓ **County and Employee funded Healthcare including Health, Prescription, Dental and Vision Coverage**
- ✓ **County Paid Employee Assistance Plan**
- ✓ **County Paid Life Insurance**
- ✓ **County Paid Accidental Death and Dismemberment Insurance**
- ✓ **County Paid Short Term Disability Insurance**
- ✓ **County Paid Long Term Disability Insurance**
- ✓ **Up to \$2,500.00 Annual Tuition Reimbursement Assistance**
- ✓ **County and Employee funded Defined Pension Plan**
 - **Vested in just five (5) years.**
 - **Credit for Prior Active Military Service and Unused Paid Sick Days.**
- ✓ **An Annual Salary of 67,288.**

If our **Structural Engineer**, comprehensive compensation package interests you, please continue reading through our job posting to learn more about the position's duties, responsibilities, prerequisites, etc. and apply online today.

JOB TITLE:	Structural Engineer	GRADE:	15
DEPARTMENT:	Engineering	FLSA STATUS:	Exempt
REPORTS TO:	Director of Engineering		

GENERAL DEFINITION OF WORK:

Performs professional work overseeing the bridge program including design, construction, inspection, and maintenance activities, including preparing engineering plans and studies for bridge, culvert, and drainage projects. Performs non-bridge related structural design as assigned. Direction is provided by the Director of Engineering.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

1. Oversees bridges inspection programs and performs bridge inspections and associated load rating calculations on an as needed basis.
2. Oversees Federal Aid Bridge Replacement and Rehabilitation Program, including the coordination with the State Highway Administration and the completion and submission of all required forms to assure full compliance with the program. Oversees designs prepared by outside consultants for bridges.
3. Performs bridge, culvert and structural design; prepares the associated construction drawings using computer aid design (CAD) methods and standards; supervision may be exercised over subordinate personnel.
4. Prepares construction drawings, specifications, and cost estimates.
5. Provides technical support to County departments and agencies.
6. Prepares and submits environmental permits for bridges and culverts. Coordinates project design with other governmental agencies, public utilities, and other stakeholders.
7. Provides direction and support to County bridge maintenance forces.
8. Addresses design and construction issues that arise during construction.
9. Coordinates required survey field work with the Chief of Surveys and Survey Party Chief.
10. Coordinates required right-of-ways with the Real Property Administrator.
11. Addresses structural engineering matters not associated with bridges and culverts. Provides various design calculations, studies, and life cycle cost analysis.
12. Performs related tasks as required

KNOWLEDGE, SKILLS AND ABILITIES:

Thorough knowledge of modern principles and practices of civil engineering and structural engineering; general knowledge of design, construction, and inspection relating to capital improvement projects with special emphasis on bridges; ; general knowledge of land surveying; ability to prepare technical reports; ability to communicate ideas effectively both orally and in writing; ability to establish and maintain effective working relationships with contractors, associates, officials, and the general public; structural design and analysis software experience desirable; as well as Microsoft Office and computer aided design (CAD) experience required. AASHTO Bridge Design Specifications, AASHTO Geometric Design of Highways and Streets, Manual on Uniform Traffic Control Devices (MUTCD), Maryland Stormwater Design Manual, TR-20, TR-55, Culvert Master, Flow Master, and HEC-RAS experience desirable.



EDUCATION AND EXPERIENCE:

Bachelor of Science Degree in Civil Engineering from an accredited college or university; three years (3) of experience in the design, construction, and/or inspection of bridges desirable.

PHYSICAL REQUIREMENTS:

This is light work requiring the exertion of up to 20 pounds of force occasionally, up to 10 pounds of force frequently, and a negligible amount of force constantly to move objects; work requires climbing, balancing, stooping, kneeling, crouching, reaching, standing, walking, fingering, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for depth perception, color perception, preparing and analyzing written or computer data, use of measuring devices, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions.

SPECIAL REQUIREMENTS:

Possession of an appropriate valid driver's license

A State of Maryland Professional Engineer license is desirable.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

Reviewed: 10/2020

Applicant must be legally authorized to work in the United States and willing to provide unexpired USCIS Form I-9 employment eligibility verification documentation upon request.

Easy Ways to Apply:

- ✓ Visit our website at <https://www.washco-md.net/jobs/>
or
- ✓ Complete and email an Application to HR@washco-md.net
or
- ✓ Complete and mail Application to:
Washington County Human Resources Department,
100 W. Washington Street, Room 2300,
Hagerstown, Maryland 21740.

Internal Candidates are required to use an Internal Application (including resume) when applying.

Washington County is an Equal Opportunity Employer. Individuals requiring special accommodations or assistance are requested to contact the Human Resources Department at 240-313-2350, Voice or TDD (D/HH use 711) M/F/H/V.

DEADLINE FOR FILING APPLICATIONS WITH HUMAN RESOURCES:

Friday, February 10th, 2023 @ 4:00pm