

Job Summary

AECOM is seeking a Structural Engineer I to be based in Portland, Maine.

This position is expected to begin in November 2021.

About AECOM

At **AECOM**, we believe infrastructure creates opportunity for everyone. Whether it's improving your commute, keeping the lights on, providing access to clean water or transforming skylines, our work helps people and communities thrive.

We take on the most complex challenges and pioneer innovative, iconic solutions that push the limits of what's possible – the world's longest cable-stayed bridge, record-breaking sports events, the largest greenfield port development mega project, life-sustaining and disaster recovery programs, and the tallest tower in the Western Hemisphere.

On projects spanning transportation, buildings, water, governments, energy and the environment, we deliver professional services throughout the project lifecycle.

We are proud to be recognized for excellence:

- + Named one of Fortune magazine's "World's Most Admired Companies" for the sixth consecutive year
- + Ranked #1 in Engineering News-Record's 2020 "Top 200 Environmental Firms"
- + Ranked #1 in Transportation and General Building in Engineering News-Record's 2020 "Top 500 Design Firms"
- + VIQORY 2020 Military Friendly® Gold Employer

DCS-Transportation

+ As populations grow, so do demands for safe, expedient and cost-effective transportation. Our Transportation business line partners with clients around the world to build, modernize and expand transportation infrastructure and deliver advanced mobility solutions to carry our communities into the future – safely, equitably and reliably.

+ We combine our extensive planning, design, construction and asset management experience with advanced technologies and innovations to help our public and private clients restore or replace their aging transportation infrastructure, and find smarter, more effective ways to move people and goods across our cities, countries and continents.

+ Our integrated approach and social responsibility have earned us the trust of local municipalities, government agencies, commercial clients and public-private partnerships. Our expertise and global reach enable us to deliver high-quality solutions for our clients that pave the way for long-lasting benefits to society.

AECOM currently has an opportunity for a Bridge Engineer to join the growing team of professionals in our Transportation Bridge Group. In this role, you will contribute primarily in bridge design projects.

Specifics of the role include:

- + Structural design and analysis of bridges of various ranges of complexity.

- + Load rating of existing bridges
- + Preparing and checking design calculations for bridges and other transportation related structures
- + Drawing preparation, review and checking
- + Quantity calculations
- + Shop drawing review
- + Preparation of reports and specifications

As a team-player, you are professional in dealing with colleagues of all levels and disciplines. This position is an opportunity to work within a well-established and very successful group that offers a diverse range of projects, technical challenges and career development opportunities.

Minimum Requirements

- + Bachelor's degree in Civil Engineering with an emphasis in structural engineering or related field

Preferred Qualifications

- + Master's degree in Civil or Transportation Engineering
- + Engineer-in-Training (EIT) or Fundamentals of Engineering (FE)
- + Basic knowledge of Microsoft Office software
- + The preferred candidate would be detail oriented and have strong skills in structural analysis, steel and concrete design; and the ability to work in a team environment
- + Excellent verbal and written communication skills, good time management skills, a strong work ethic, and a willing desire to learn

Additional Information:

- + Relocation is not available for this position.
- + Sponsorship is not available for this position.

What We Offer

When you join AECOM, you become part of a company that is pioneering the future. Our teams around the world are involved in some of the most cutting-edge and innovative projects and programs of our time, addressing the big challenges of today and shaping the built environment for generations to come. We ensure a workplace that encourages growth, flexibility and creativity, as well as a company culture that champions inclusion, diversity and overall employee well-being through programs supported by company leadership. Our core values define who we are, how we act and what we aspire to, which comes down to not only delivering a better world, but working to "make amazing happen" in each neighborhood, community and city we touch. As an Equal Opportunity Employer, we believe in each person's potential, and we'll help you reach yours.

Job Category Engineering – Structural

Business Line Transportation

Business Group Design and Consulting Services Group (DCS)

Country United States of America

Position Status Full Time

Requisition/Vacancy No. 256409BR

Virtual: No

Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability or protected veteran status.