

**Special Appointing Authority Vacancy Announcement**  
**U.S. Department of Transportation (DOT)**  
**Federal Highway Administration (FHWA)**

**Position Title, Series, and Grade:** Civil Engineer (Highway), GS-0810-11/12  
**Salary Range:** GS-11: \$61,612.00 to \$80,093.00  
GS-12: \$73,848.00 to \$96,001.00  
**Job Location:** Lakewood, Colorado  
**Citizenship:** U.S. Citizenship is Required  
**Number of Positions:** 1  
**Type of Appointment:** Permanent, Fulltime

**OPEN PERIOD:** October 25, 2013 to November 3, 2013

*This vacancy is also being advertised on USAJobs.gov under vacancy announcement FHWA.CFL-2014-0005 open to all U.S. citizens. If you are interested for this position you are strongly encouraged to apply under both the Special Appointing Authority vacancy announcement and the announcement open to all U.S. citizens.*

**WHO MAY APPLY:** Applications are being accepted from qualified individuals who are eligible under one of more of the following special hiring authorities:  
- Schedule A, 213.3102 (u) for persons having a disability; or  
- Individuals eligible under the Veterans' Recruitment Appointment authority (See the VetGuide at <http://www.fedshirevets.gov/hire/hrp/vetguide/index.aspx> for details); or  
- 30% or more disabled veterans.

### **Overview**

The FHWA is charged with broad responsibility of ensuring that America's roads and highways continue to be the safest and most technologically up-to-date.

This position is located in the Federal Highway Administration's (FHWA) Federal Lands Division Office and supports the Division as a senior designer with responsibility for the development of plans, specifications and estimates (PS&E) packages for the most complex, advanced projects relative to the design of highways and bridges. The projects occur primarily on Federal Lands managed by other Federal agencies, such as the National Park Service and U.S. Forest Service and include a multi-state area. The Senior Designer mentors, trains, and assists in distribution of project work tasks to other designers on the team and assists in quality control on design work products. As assigned, may be a Contracting Officer's Representative (COR) responsible for managing Architect-Engineer (A/E) Consultant task orders or reimbursable agreements.

The ideal candidate is a mid-career engineer with experience working both independently and with multi-discipline teams as a lead/senior designer in developing, monitoring, and adhering to the design, budget, and schedule for assigned roadway construction projects, providing technical assistance from initial scoping through construction support, and addressing design engineering issues with a wide range of external contacts.

### **Primary Duties**

### **Serving as a senior Design Engineer, you will:**

- Develop the design and monitors the budget and schedule for assigned projects from initial scoping through construction support.
- Generate and evaluate geometric design alternatives and develops sound design concepts. Assess the impact of standard exceptions/compromises to established engineering principles and practices and conceptualizes acceptable design exceptions and mitigation strategies.
- Develop plans, specifications, and estimates (PS&E) packages that clearly define the work, are biddable, and emphasize context sensitivity, safety, and constructability. Coordinate with cross functional team members and incorporate functional discipline and partner's recommendations into the PS&E.
- Use appropriate technologies and improve the quality of highway design work through the use of new technologies and process improvements.
- Participate in discussions of project highway design matters with a wide range of external contacts, including technical representatives of client agencies.
- Prepare written field review and meeting reports and other technical reports as required.
- Provide timely comments and recommendations on PS&E reviews, reviews of manuals, standard plans, standard special contract requirements, and proposed policies and procedures.

### **Education**

To meet the minimum qualifications for this position, you must (1) meet the Education Requirement for the series, (2) provide a copy of transcripts for verification, AND (3) meet either the education or specialized experience requirements for the grade at which you are requesting consideration.

### **MANDATORY EDUCATION REQUIREMENTS:**

All applicants must meet one of the following requirements to qualify for consideration for an engineering position:

- Successful completion of a professional engineering degree at an accredited university or college.

### **OR**

- Have a combination of college level education or training AND technical experience that has furnished you with (1) a thorough knowledge of the physical and mathematical sciences underlying professional 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 as an engineer.
2. Evidence of Passing the Engineer-in-Training Written Test.
3. Successful documented completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences as described by OPM.
4. Successful completion of a curriculum leading to a bachelor's degree in engineering technology or in an appropriate professional field and at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance.

Please review the OPM page on specifics about required curriculum and for more information on qualifications, please visit GS-800: [All Professional Engineering Positions qualifications](#).

## Requirements

### CONDITIONS OF EMPLOYMENT:

•**PROBATIONARY PERIOD:** You must complete a one-year probationary period (unless already completed).

•**GOVERNMENT TRAVEL CARD:** You must be able to obtain and retain a Government contractor-issued travel card to be used for official business as a condition of employment. If unable to obtain and/or retain a card, you may be subject to removal. Those who fail to meet this condition of employment will have our offer of employment rescinded.

•**TIME-IN-GRADE REQUIREMENT:** Federal applicants must have served 52 weeks at the next lower grade to satisfy time-in-grade restrictions contained in 5 CFR 300, Subpart F.

## Qualifications

To meet the minimum qualifications for this position, you must (1) meet the **Education Requirement** for the series, (2) provide a copy of transcripts for verification, **AND** (3) meet either the education or specialized experience requirements for the grade at which you are requesting consideration.

LEVEL	To qualify on <b>Education</b> , you must have:	To qualify on <b>Experience</b> , you must have one year of specialized experience equal or equivalent to the following:
<b>GRADE 11</b>	3 years of progressively higher level graduate education leading to a Ph.D. degree <b>OR</b> Ph.D. or equivalent doctoral degree.	<p><b>Experience providing engineering design services, on a team, in the development of highway improvement projects to reconstruct or rehabilitate highways or local roads (e.g., developing Plans, Specifications, and Estimates (PS&amp;E) packages and layout drawings for highway designs); AND</b></p> <p><b>Experience using highway-design software programs, including Computer-Aided Design (CADD) software and engineer’s estimating software.</b></p>

	You can also qualify based on a combination of Education and Experience.	
<b>GRADE 12</b>	There is no education substitute.	<p><b>Experience providing engineering design services, construction support, and technical assistance in the development of highway improvement projects (e.g., developing Plans, Specifications &amp; Estimates (PS&amp;E) packages and layout drawings for projects involving interstate, primary, urban, or Federal Lands' roads and highways; reviewing contractor submittals; resolving construction issues; or addressing exceptions to design standards); AND</b></p> <p><b>Experience using highway-design software programs, including Computer-Aided Design (CADD) software and engineer's estimating software.</b></p>

**Applicants must meet all qualification requirements by the closing date of this announcement.**

**Reasonable Accommodations**

The DOT provides reasonable accommodations to applicants and employees with disabilities. If you need reasonable accommodations for any part of the application and hiring process, please notify Alycia Bresina, Human Resources Specialist, at [alycia.bresina@dot.gov](mailto:alycia.bresina@dot.gov) or at (720) 963-3061. Reasonable accommodation decisions are made on a case-by-case basis.

**Equal Opportunity Employer**

All eligible and qualified candidates will be considered regardless of race, color, religion, sex, national origin, age, disability, marital status, political affiliation, sexual orientation, or other non-merit factors.

**HOW TO APPLY**

**BASIC APPLICATION MATERIALS (ALL APPLICANTS):**

- Resume
- College transcript (Unofficial copy is acceptable.)
- Veterans' preference documentation, if claiming veterans' preference (See the VetGuide at <http://www.fedshirevets.gov/hire/hrp/vetguide/index.aspx> for details.)

**AND**

**SPECIAL APPOINTING AUTHORITY DOCUMENTATION:**

1. If applying under the Schedule A, 213.3102(u), the special hiring authority for individuals with a disability, applications must be accompanied by a current Schedule A letter from a vocational rehabilitation counselor, licensed medical practitioner, or representative from an agency that

issues disability benefits. Visit <http://www.dot.gov/drc/employment-people-disabilities> for guidance and other helpful information.

AND/OR

2. Those applying for consideration under the Veterans' Recruitment Appointment (VRA) authority or the 30% disabled Veterans' hiring authority must provide veterans' preference documents to support your program eligibility. These may include the DD214 showing dates and character of service (member copy 4), a VA letter, if claiming a 10% or more compensable service-connected disability, and/or a completed and signed SF-15 (claim for 10-point veterans' preference) showing type of preference claimed, and supporting documentation as specified on this form. For information on veterans' preference and veterans' hiring authorities, visit: <http://www.fedshirevets.gov/hire/hrp/vetguide/index.aspx>

**SUBMIT YOUR APPLICATION:**

Please forward your application materials (see above) no later than 4:00 p.m. (MST), November 3, 2013, to Alycia Bresina, Human Resources Specialist at [alycia.bresina@dot.gov](mailto:alycia.bresina@dot.gov) or by fax to (720) 963-3041. In the subject/attn: line, please be sure to include the title, series and grade of the position. In addition, please state how you heard about this vacancy.