The Volpe Center, US Department of Transportation, is actively seeking a Fire Protection Engineering Student Intern for our 2016 Summer Federal Pathways Internship Program. If you know of any candidates who may be interested please encourage them to apply!

Instructions on Qualifications, Requirements and How to Apply can be found on [www.USAJobs.gov](http://www.USAJobs.gov) (other opportunities are also listed on the site).

Links to job opportunities are also posted on the University of Maryland Career Services site (Job ID #130328)

**Applicant Tips:**

- Apply Early! Application limits will apply
- Give Detail! Provide a descriptive Resume; explain your experience
- Be thorough! Include ALL Transcripts (past and present)
- Be Current! Provide proof of Fall 2015 school enrollment

Open Period: **12/01/2015 - 12/10/2015**

The **Office of the Assistant Secretary for Research and Technology** coordinates the US DOT’s research programs and is charged with advancing the deployment of crosscutting technologies to improve our Nation's transportation system. The **Volpe National Transportation Systems Center**, part of DOT in Cambridge, MA, has been helping the transportation community navigate the most challenging problems for more than 40 years. Volpe’s mission is to improve transportation by anticipating and addressing emerging issues and advancing technical, operational, and institutional innovations across all modes. Visit our website to learn more: [www.volpe.dot.gov](http://www.volpe.dot.gov)

This is a Student Trainee position under the Pathways Internship Program. The employee assists in the execution of fire and life safety projects from design through construction. The studies and work efforts will emphasize the employee’s background in the areas of fire protection engineering, and are intended to provide opportunity to increase professional knowledge and preparation for higher level duties. The position is located in Cambridge, MA.

The **ideal candidate** for this position is pursuing a graduate degree in fire protection engineering or has taken graduate coursework in fire protection engineering.

**The Pathway’s Student Trainee (Fire Protection Engineer) will:**

- Assist Project Engineers with field survey work to determine the fire protection compliance status and identify deficiencies.
- Assist in evaluating proposed plans to correct deficiencies related to fire safety and bring facilities into code compliance.
• Assist in developing and implementing standards and orders for improving occupational safety at transportation facilities.
• Utilize computer aided engineering and computational methods and their application to conducting and analyzing designs and proposed solutions to identified fire protection risks.
• Assist in gathering and analyzing data and presenting conclusions of research using engineering principles and methods and models to characterize issues and identify applicable fire protection solutions.
• Perform other related duties as required.
• The employee carries out specific assignments in accordance with definite work procedures outlined by the supervisor. Complexity of duties increases as the employee gains experience.