



Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Stephanie Pollack, MassDOT Secretary & CEO



### **Internal/External Job Posting**

Requisition #: 1800023E  
Posting Date: April 10, 2018  
Closing Date: Open Until Filled  
Official Title: Civil Engineer IV  
Functional Title: Highway Safety Data Engineer  
Location: State Transportation Building – 10 Park Plaza, Boston  
Highway Safety Section  
Vacancies: 1  
Salary: \$70,218.20 – \$98,310.94  
Schedule: Full-Time  
Shift: Day  
Bargaining Unit: E  
HR Generalist: Robin Burke  
Diversity Officer: Derrick Mann – 857-368-8541  
ADA Coordinator: John Lozada – 857-368-8541

### **Duties & Responsibilities:**

This position will manage the data analysis for highway safety related data and assist with evaluation of the Highway Safety Improvement Program. The following duties will be performed by the person in this position:

1. Supervise the evaluation of the Highway Safety Improvement Program (HSIP) including the federally mandated annual reporting.
2. Assist in the development of the HSIP program for the Statewide Transportation Improvement Program (STIP).
3. Assist with all aspects of the Statewide Strategic Highway Safety Plan.
4. Supervise all highway safety data analysis including all GIS and query geospatial and other complex databases.
5. Review materials for road safety audits.

Ten Park Plaza, Suite 4160, Boston, MA 02116  
Tel: 857-368-4636, TTY: 857-368-0655  
[www.mass.gov/massdot](http://www.mass.gov/massdot)

**Duties & Responsibilities (continued):**

6. Maintain the data and updates to the Highway Safety website.
7. Act as liaison to Planning with regards to Roads and Highways, Traffic Counting, and others as needed.
8. Work with Traffic Counting vendor and staff to ensure usability and dissemination of the data.
9. Supervise Highway Safety staff assigned to group.
10. Assist in the Traffic Engineering and Safety Section with tasks based on operational needs.

This position requires travel to off-site locations and District Offices to administer the road safety audit program. A DOT owned vehicle will be provided for travel purposes.

If you have questions regarding this position, please contact the Human Resources Generalist Robin Burke at 857-368-8505.

**Minimum Entrance Requirements:**

**First consideration will be given to those applicants that apply within the first 14 days.**

Applicants must have at least (A) five years of full-time, or equivalent part-time, technical or professional experience in civil engineering work in such areas as construction, survey, design, transportation, hydraulics, structural, sanitary, drafting, environmental, highway, architectural, airport, soils and materials, of which (B) at least three years must have been in a professional capacity, and (C) of which at least one year must have been in a supervisory capacity, or (D) any equivalent combination of the required experience, and the substitutions below.

Substitutions:

- I. An Associate's degree with a major in civil engineering\*\* or civil engineering technology\*\* may be substituted for a maximum of one year of the required (A) experience.\*
- II. A Bachelor's degree with a major in civil engineering\*\* or civil engineering technology\*\* may be substituted for a maximum of two years of the required (A) experience.\*
- III. A Graduate degree with a major in civil engineering\*\* may be substituted for a maximum of three years of the required (A) experience and one year of the required (B) experience.\*

\*\*NOTE: The terms civil engineering and civil engineering technology include related engineering disciplines, such as construction, survey, hydraulics, design, transportation, structural, soils, sanitary, environmental, drafting, highway, architectural, mining, airport and materials.

\*Education toward such a degree will be prorated on the basis of the proportion of the requirements actually completed.

NOTE: Educational substitutions will only be permitted for a maximum of one year of the required (B) experience. No substitutions will be permitted for the required (C) experience.

**Minimum Entrance Requirements (continued):**

SPECIAL REQUIREMENT: Based on assignment, possession of a current and valid Massachusetts Class D Motor Vehicle Operator's License may be required.

FOR NON-MassDOT APPLICANTS:

Applicants for this position must possess a Bachelor's Degree in an appropriate engineering discipline and E.I.T. certification or P.E. registration for appointment to this position.

FOR MassDOT EMPLOYEES:

Applicants for this position must possess a Bachelor's Degree in an appropriate engineering discipline and E.I.T. certification or P.E. registration for appointment to this position, or hold a position in the Department in one of the next two lower titles than the position applied for, in the same or similar career ladder.

**An Equal Opportunity/Affirmative Action Employer. Females, minorities, veterans, and persons with disabilities are strongly encouraged to apply.**