

Tunnel Maintenance Engineer

Applications can be submitted via our career site:

https://massanf.taleo.net/careersection/ex/jobdetail.ftl?job=17000301&lang=en&sns_id=mailto#.WlkPo133pVo.mailto

Description

Incumbents of positions in this series prepare or review plans, designs, specifications and cost estimates for engineering projects; prepare and/or review reports, studies and analytical data; perform calculations relating to engineering problems; perform engineering surveys; inspect construction and/or maintenance work; and perform engineering duties in such areas as building and facilities in accordance with sound engineering principles, applicable laws, regulations and standards.

Oversee tunnel electrical, ventilation and communication engineer's activities.

Interact with district personnel to stay informed of maintenance activities, corrective actions, etc.

Assist with tunnel inspection ratings, providing details on equipment condition states and maintenance or corrective actions performed since last inspections.

Assists District Personnel on determining maintenance needs and strategies arising from reported deficiencies.

Provides input and resolution of technical issues arising from tunnel systems.

Review contract specifications for accuracy, constructability, operability and maintainability.

Inspect the construction, installation and maintenance of mechanical engineering systems and equipment for compliance with specifications.

Review and analyze technical specifications and project information to estimate costs of projects.

Confer with consulting firms in the planning, design and construction of new and upgraded systems and facilities as required.

Review and analyze tunnel outflow pump data and other systems associated with tunnel SCADA system.

Qualifications

This requisition will remain open until filled; however, first consideration will be given to those applicants that apply within the first 14 days.

For purposes of bargaining unit designation, Unit 9 is equivalent to MassDOT Unit E.

Minimum Entrance Requirements:

Applicants must have at least (A) six 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 four years must have been in a professional capacity, and (C) of which at least three years 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.

Official Title: Civil Engineer VI

Primary Location: United States-Massachusetts-10 Park Plaza

Job: Engineering

Agency: Massachusetts Department of Transportation

Schedule: Full-time

Shift: Day

Job Posting: Jun 16, 2017, 8:11:45 PM

Number of Openings: 1

Salary: 76,287.90 - 108,792.06 Yearly

If you have Diversity, Affirmative Action or Equal Employment Opportunity questions or need a Reasonable Accommodation, please contact Diversity Officer / ADA Coordinator: Derrick Mann, 857-368-8541/ADA Coordinator: Allan Motenko - 857-368-8738

Bargaining Unit: DOT