



**MARYLAND DEPARTMENT OF TRANSPORTATION**  
invites applications for the position of:

## **Geotechnical Asset Field Manager (Transportation Engineering Manager I)**

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**SALARY:** \$61,725.00 - \$99,103.00 Annually  
**OPENING DATE:** 09/02/21  
**CLOSING DATE:** 09/27/21 11:59 PM  
**DESCRIPTION:**

**Maryland Department of Transportation State Highway Administration (OPEN)  
Geotechnical Asset Field Manager (Transportation Engineering Manager I)  
Grade 20 (0515) SP# 21-73-45**

**YOU MUST APPLY ONLINE TO BE CONSIDERED FOR THIS POSITION**  
<http://www.governmentjobs.com/careers/mdotmd>

**THE RECONSIDERATION PERIOD FOR THIS RECRUITMENT IS THREE (3) BUSINESS DAYS**

The Maryland Department of Transportation State Highway Administration (MDOT SHA) Office of Materials Technology, Engineering Geology Division (Anne Arundel County) is recruiting for a **Geotechnical Asset Field Manager (Transportation Engineering Manager I) position**. This position is open to anyone who meets the **minimum and selective qualifications\* listed below**. This is a position specific recruitment. The resulting list of eligible candidates will be used to fill this MDOT SHA position or function only. You will need to reapply for any future recruitment conducted for this job classification.

The Geotechnical Asset Field Manager reports directly to the Assistant Division Chief of the Geology and Groundwater Section of the Engineering Geology Division (EGD) located at the Office of Materials Technology (OMT). This position supervises a team of one in-house geo-engineer and one consultant to perform environmental, geologic, and geotechnical evaluations while managing and coordinating work assignments, setting data collection and analysis standards, providing quality assurance reviews and coordinating work with other divisions.

This position is also responsible for MDOT SHA's statewide field monitoring and geophysical testing of rock and soil cut slopes, embankments and karst regions within Maryland roadways, properties, and right of ways. Technical expertise with remote monitoring, geophysics and environmental, geologic, and geotechnical engineering is required. Knowledge of a range of field evaluation equipment and analysis software is required. This position develops programs, and procedures to optimize the efficiency of data collection, data interpretation, and engineering design, while maintaining excellent communication and customer service. Emergency site characterization and complex field-based engineering evaluation services are required during geo-hazard events.

**QUALIFICATIONS:**

## **MINIMUM QUALIFICATIONS:**

**EDUCATION:** Possession of a bachelor's degree in engineering from an accredited college or university.

**EXPERIENCE:** Seven (7) years of experience in professional engineering.

**SELECTIVE QUALIFICATIONS:** Two (2) years of experience in engineering geology, geotechnical engineering and/or environmental engineering.

***This statement contains a selective qualification, which is more focused in scope than the minimum qualifications for this classification. Selective qualifications are utilized when the position requires specific or additional bona fide occupational qualifications (i.e., knowledge, skill, or ability).***

## **PREFERRED QUALIFICATIONS:**

**The ideal candidate will possess the following:**

- A degree in geotechnical engineering, geology, and/or engineering earth sciences.
- Professional Engineering (PE) License.
- Ability to obtain a Part 107 FAA License.
- Knowledge of standard drilling, sampling methods for geotechnical engineering studies, standard water, soil screening, and/or sampling methods for contamination of highway design and construction.
- Knowledge of GIS database systems, GPS, field, and 3D GPR mapping and interpretation, slope stability analysis, directional drilling operations, mine studies, and/or karst identification and remediation.

## **NOTES:**

1. Additional work experience in professional engineering, or in technical engineering at the journey level or above, may be substituted on a year for year basis for the required education.
2. Possession of a master's degree in engineering may be substituted for one year of the non-supervisory experience.
3. Persons currently registered as Professional Engineers in the State of Maryland, or in a state with comparable requirements, are considered to have met the education requirements.

## **LICENSES & CERTIFICATIONS:**

Candidates must possess a motor vehicle operator's license valid in the State of Maryland. **All applicants must list their license number and expiration date on the application.**

## **ADDITIONAL INFORMATION:**

### **SPECIAL REQUIREMENTS:**

- Available for travel anywhere in the state including areas where overnight stay (at SHA expense) may be necessary. The individual must be available for emergency response calls 24/7. Field work including the operation of a state vehicle is an essential part of this position.

- Must be able to perform field assignments which include, but are not limited to, walking, and climbing through areas that have steep slopes or other natural obstacles.
- Lifting requirement of 35 lbs. is necessary for handling field equipment such as geotechnical instrumentation, unmanned aerial vehicle (UAV) equipment, and water sampling equipment.

**TO APPLY:** All applicants must submit an application online at <http://www.governmentjobs.com/careers/mdotmd>. Resumes will not be accepted in lieu of completed applications. To receive credit for your work history and credentials you must list the information on the online DTS-1 application form. You may refer to a resume only to expand on information offered in the body of the online DTS-1 application. Applications must be submitted online by the closing date. The selected candidate may be subject to background and reference checks. A conviction is not an automatic disqualification from employment. Bilingual applicants are encouraged to apply.

Consideration for employment may be based solely on the contents of your application; therefore, it is essential that you provide complete and accurate information. Please include all relevant experience on your application. This includes, but is not limited to, full or part time, volunteer, military, acting capacity, or any other experience that is relevant to the position you are applying for.

If you have held more than one position at the same employer, please list each position that you held and the length of time that you held each position.

The state of Maryland offers excellent health and leave benefits, 401k benefits, pension plan a free transit program, and advanced education and training opportunities.

*The incumbent in this position will be not member of the collective bargaining unit.*

**PLEASE NOTE:** The Maryland Department of Transportation State Highway Administration is not sponsoring new employees in application of the H-1B Visa or providing an extension of an existing H-1B Visa at this time due to budgetary constraints. All applicants must be legally authorized to work in the United States under the Immigration Reform and Control Act of 1986. Federal regulations prohibit H-1B Visa candidates from paying sponsorship fees, all sponsorship fees must be assumed by the potential employer.

Applicants who have education obtained outside of the U.S. will be required to provide proof of the equivalent U.S. education as determined by a foreign credential evaluation service, such as the National Association of Credential Evaluation Services (<http://www.naces.org>) or World Education Services: International Credential Evaluation (<https://www.wes.org/>).

If you have any questions, please contact the Recruitment and Examination Division at: 410-545-5571

Appropriate auxiliary aids and services for qualified individuals with disabilities will be provided upon request. Please call 410-545-5571.

**WE ARE AN EQUAL OPPORTUNITY EMPLOYER.** MDOT SHA does not discriminate based on age, ancestry, color, creed, gender identity or expression, genetic information, marital status, mental or physical disability, national origin, race, religious affiliation, belief or

opinion, sex, or sexual orientation.

Issued Date: 09/02/2021

**Geotechnical Asset Field Manager (Transportation Engineering Manager I)  
Supplemental Questionnaire**

- \* 1. Do you possess a bachelor's degree in engineering from an accredited college or university?  
 Yes    No
  
- \* 2. Do you have seven (7) years of experience in professional engineering?  
 Yes    No
  
- \* 3. If you answered yes to question #2, please describe your experience below. Provide employer, dates of employment, title, and description of duties. This experience must also be reflected in your application. If you do not possess this experience, type N/A.  
\*Do Not Type See Resume\*
  
- \* 4. Do you have two (2) years of experience in engineering geology, geotechnical engineering and/or environmental engineering?  
 Yes    No
  
- \* 5. f you answered yes to question #4, please describe your experience below. Provide employer, dates of employment, title, and description of duties. This experience must also be reflected in your application. If you do not possess this experience, type N/A.  
\*Do Not Type See Resume\*
  
- \* 6. Do you possess a motor vehicle operator's license valid in the State of Maryland?  
 Yes    No
  
- \* 7. If you answered YES to the previous question, please provide your license number and expiration date below. If no, please type "N/A".
  
- \* 8. I read the job description, completed the application in its entirety, and answered the supplemental questions before submitting my application. I understand that failure to complete these steps will result in my application being disapproved.  
 Yes    No
  
- \* Required Question