MECHANICAL ENGINEER

**Posting ID:** EM19902444  
**Company Website:**  
https://www.boringcompany.com/

**Company:** The Boring Company  
**Work Location:** Las Vegas

**Position Type:** Full-Time  
**Salary:** DOE

**College Major(s):** Civil Engineering (CEE), Construction Management (CEM), Mechanical Engineering (ME)  
**College Level(s):** Undergraduate-Senior, Graduate Student, PhD. Student, Alumni

**OVERVIEW**

The Boring Company was founded to solve the problem of soul-destroying traffic by creating an underground network of tunnels. Today, we are creating the technology to increase tunneling speed and decrease costs by a factor of 10 or more with the ultimate goal of making Hyperloop adoption viable and enabling rapid transit across densely populated regions.

**Roles and Responsibilities**
- Design various systems and sub-systems related to operations such as boring machine parts, support systems, support system equipment, tunnel segment production, passenger/construction vehicles and tunnel infrastructure.
- Perform ground settlement and construction impact analysis of subsurface structures (e.g., shafts, tunnels) and 3rd party infrastructure (e.g., buildings, utilities).
- Create and oversee the implementation of settlement monitoring plans.
- Assist in the collection and review of as-built drawings and existing geotechnical data for subsurface due diligence.
- Employ competent use of judgment, hand calculations, FEA and CAD to develop and communicate designs.
- Adhere to the project schedule and ensure timely completion from conception to implementation.
- Communicate schedule to stakeholders and others with dependent systems, bringing attention to changes in schedule as they happen.
- Perform construction period observation and inspection.
- Constantly evaluate how the system fits into the larger picture of a working operation. Ensure that design choices are in line with the top level needs with ample consideration of future developments.
- Ensure all systems are compliant with appropriate regulations such as MSHA, OSHA, NEC, NFPA, Class 1 Division 2 Hazardous Location.
Education and Qualifications
- Bachelor's Degree in Mechanical Engineering.
- 1+ years of experience in design, build and testing.
- Hands-on hardware experience performing fabrication, assembly and/or testing - can be in a professional, academic or recreational setting.

Preferred Skills
- Master’s degree in Mechanical Engineering.
- Basic proficiency in machine design.
- Knowledgeable in mechatronics, mechanism design, fluid power system concepts and design, dynamics, material selection, testing methods, and common machining and fabrication processes.
- Experience in creating manufacturing drawings.
- Strong teamwork skills with a proven ability to effectively interact and collaborate with other engineering disciplines.
- Acute attention to detail.

How to Apply
https://jobs.lever.co/boringcompany/a6fefe77-ef7a-4f62-b93c-f031daaad805