



## Aric Hotaling, P.E.

Senior Engineer

Mr. Hotaling is a geotechnical engineer with over twelve years of experience delivering various projects across the United States and Canada in both private consulting and public service. He is a Licensed Professional Engineer (PE) with strong project management experience, multidisciplinary collaboration skills, and a commitment to safety and regulatory compliance. He has served in diverse roles, adapting to varying project requirements and organizational needs. He has a strong foundation in geotechnical applications and modeling and is proficient in the latest industry software. He is committed to leveraging advanced engineering principles and technologies to enhance project efficiency and sustainability.

### Education

B.S., Geological Engineering,  
Montana Tech, 2013

### Professional Registrations

Montana: No. 59793  
Idaho: No. 6671572  
Washington: No. 25024121

### Certifications

APNGA Portable Nuclear  
Gauge Safety & US DOT  
Hazmat Certification  
OSHA 30-hour Training

### Strengths

Leadership  
Strategic Planning  
Project Management  
Problem Solving  
Process Improvement  
Risk Management

### Engineering Expertise

Foundation Design  
Ground Improvement  
Geotechnical Risk  
Assessment  
Slope Stability  
Earth Retaining Structures  
Seismic Hazard Evaluation  
Rock Engineering  
Settlement Analysis  
Pavement Design

### Contact

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## EXPERIENCE

- Log rock cores and conduct underground geological mapping to support mine operations and development
- Prepare geotechnical proposals, cost estimates, and corresponding technical reports for infrastructure and environmental projects
- Coordinate and perform field investigations, including logging of geotechnical borings (drilling and rock coring) and geophysical surveys (seismic refraction and resistivity), and implement digital tools to improve data collection efficiency
- Conduct laboratory testing and analysis of soil samples, interpreting results to inform engineering design
- Foundation design for bridges, buildings, tanks, pump stations, culverts, towers, and retaining walls, including shallow and deep foundation systems (driven piles, drilled shafts, micropiles, and helical piers) in challenging soil conditions like swelling clays and hydro-collapsible sands
- Perform slope stability modeling and analysis for existing failures, proposed repositories, landfills, and engineered slopes, and develop mitigation strategies and repair designs
- Design paved and unpaved roads for municipalities, forest service facilities, highways, and remote access sites
- Design pavement sections for general aviation and commercial airport taxiways, runways, ramps, and aprons
- Conduct inadvertent return analyses for HDD pipeline borings
- Review third-party engineering reports and specifications, and prepare technical documentation for contract bid packages
- Manage projects from proposal through final submittal and construction oversight, including supervision of junior engineering staff