

**RICHARD W. BROWN, P.E.**  
**Principal Engineer**

**EXPERIENCE**

Mr. Brown joined Mountain Engineering & Testing, Inc. in 2003 and is a Principal of the company with 29 years of experience in the consulting field in the areas of geotechnical investigations, construction materials testing and structural design. Projects have included multi-story hospitals, correctional facilities, shopping centers, parking garages, bridges, pipelines, interstate highways and water/wastewater treatment facilities. Mr. Brown has managed numerous construction material testing projects for schools, highways and commercial developments. Previous project experience includes the following:

- Managed the geotechnical investigation for the I-25 and Rockrimmon Boulevard Interchange in Colorado Springs, CO and prepared the Preliminary Geotechnical Report for the project. The preliminary investigation included widely spaced exploratory borings with recommendations for the pavement, culverts, bridges and retaining wall structures.
- Prepared the geotechnical investigation for Phase II of the Trinidad Correctional Facility in Trinidad, CO and was the project manager for the construction materials testing during Phase I of the project.
- Prepared the geotechnical report for the I-25 and Garden of the Gods Interchange modifications with recommendations for pavement, earthwork and retaining wall structures.
- Project manager for both the geotechnical investigations and the construction materials testing for numerous school buildings in Douglas and Jefferson County School districts.
- Conducted the geotechnical investigation for the Phase II Parking Expansion at Denver International Airport, Denver, CO for the toll plaza relocations, access roads and parking lots. Recommendations provided for toll plaza foundations, pavement sections, lime stabilization, MSE retaining walls and detention ponds.
- Prepared the geotechnical investigation for 1997 Airfield Improvements at DIA for several taxiways, cargo aprons, airfield roadways. Other work at DIA included the geotechnical investigation for the Phase II Wastewater Conveyance Facilities that consisted of approximately 35,000 feet of gravity and force main sewer systems.
- Project manager for both the geotechnical investigations and the construction materials testing at the Arapahoe County Youth Detention Center, El Paso Youth Detention Center and the Weld County Youth Detention Center.
- Prepared the geotechnical report for the reconstruction of the US 287 and 1<sup>st</sup> Street Interchange in Loveland, CO. The alignment paralleled the Greeley/Loveland Canal and required recommendations for embankment placement and subgrade stabilization after the relocation of the canal.

**REGISTRATION/ASSOCIATIONS**

Professional Engineer: Colorado and Virginia  
American Society of Civil Engineers  
CDOT Erosion Control Supervisor

**EDUCATION**

B.S., Civil Engineering, University of Toledo  
Post-Graduate Work, Masters Program in Geological Engineering, University of Idaho