



## Education

BS, Civil Engineering, University of Colorado, Denver, 2015

## Registrations

Professional Engineer:

- Colorado
- Missouri
- Utah

## Contact

Geo Quest  
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## Professional Experience

Mr. Dye has 15 years of experience in the design, construction, and maintenance of infrastructure in the transportation, heavy civil and gas industries along with commercial and residential projects on the western slope. The construction and design experience includes shallow and deep foundations, pavement, retaining walls, slope stabilization and geohazard mitigation projects. These efforts have included management of schedules, budgets, client interactions and problem solving from design to construction completion.

## Relevant Work History

### Geo Quest Projects, Grand Junction to Gypsum, 2023-2025

As *Principle of Geo Quest*, Mr. Dye has completed 41 local residential/commercial projects that include soil reports with foundation recommendations for new structures, building additions and soil evaluations for Onsite Wastewater Treatment Systems. Additionally, Mr. Dye has prepared geohazard evaluations for Clients in Glenwood Springs and Buena Vista that include guidance through the municipal review and permitting process.

### Past Experience with Yeh and Associates, Inc.

#### Southbridge Final Redesign, Glenwood Springs, CO, 2016-2024

*Senior Project Engineer.* This project included ongoing work based on redesign efforts by the design team. Some of the project design elements that Mr. Dye has been involved in include shallow foundations, deep foundations, MSE walls, soil nail walls, pavement, infiltration galleries and storm water quality pond, a three-span bridge that is approximately 545 feet long and a pedestrian underpass. Mr. Dye has also prepared foundation design recommendations, managed/performed field investigations and budgets.

#### Gunnison County Rd 12 Investigation, Gunnison County, CO, 2024

*Senior Project Engineer.* Managed a geotechnical investigation to explore roadway embankment distress in steep mountain terrain. The field work was safely completed while maintaining one lane of traffic on a narrow road. Mr. Dye led the review and analyses of various mitigation alternatives for embankment repair along with the assembly of report documents.

#### CDOT East Vail Wildlife Crossing Engineering Design Services, 2020-2023

*Project Manager.* Mr. Dye organized the preliminary geotechnical investigation and later a more detailed investigation for proposed wildlife crossings along US Interstate 70 (I-70), in Summit County, Colorado. The project is located along I-70 approximately 2.5 miles west of Copper Mountain, in the west bound lanes and involves shallow and deep foundation recommendations for two underpasses, one overpass and associated retaining walls.

#### CDOT R3 US 40 Wildlife Crossings, 2023

*Project Manager.* Mr. Dye managed a preliminary geotechnical investigation for structure selection of proposed wildlife crossings along US Route 40 (US 40), in Moffat County, Colorado between Craig and Maybell. This project analyzed shallow and deep foundation design for five overpass or underpass locations and retaining walls along a four-mile length of US 40.

#### Eagle Grand Avenue Corridor Design, Eagle, CO, 2023

As *Senior Project Engineer* Mr. Dye planned and managed all aspects of the geotechnical investigation and represented Yeh in meetings with the client, design team and project owner. Mr. Dye was responsible for budgets, engineering analyses and report deliverables. This was a multimodal project that included pavement design for Grand Avenue (US 6), 4 new roundabouts, bike and pedestrian paths and utility improvements.

#### **Blake Avenue Redesign, Glenwood Springs, CO, 2023**

*Senior Project Engineer.* Planned the geotechnical investigation and managed the project from proposal to report delivery. The multi-modal project included pavement design for streets with bike lanes, pedestrian sidewalks, utility upgrades and aesthetic improvements. Mr. Dye worked with the Town and stakeholders to meet the project goals.

#### **Snowmass Town Park Improvements, Snowmass, CO, 2022**

As a *Project Engineer* Mr. Dye oversaw the geotechnical investigation for a suspended trail system near town park through a wetlands area including new paved parking lot, fill areas, retaining wall design and a new pedestrian bridge. This project included design with shallow and deep foundation systems. Mr. Dye coordinated field activities with town personnel during the off-season period when park use is light.

#### **National Forest Foundation, Hanging Lake Trail Redesign, Glenwood Springs, CO, 2022**

As a *Project Engineer* Mr. Dye managed the geotechnical investigation for multiple pedestrian bridge improvements or realignments along a mountain creek with limited access, significant debris flows and rock fall hazards. Close coordination with the Forest Service personnel was required for scheduling and access during a time period of low trail use.

#### **27th Street Bridge and Roundabout, Glenwood Springs, CO, 2017-2019**

As a *Project Engineer* Mr. Dye carried out multiple phases of geotechnical investigation and construction inspection for a new traffic bridge utilizing the Accelerated Bridge Construction method. The project also included a new pedestrian bridge, retaining walls, soil nail walls and micropile construction for bridge foundations.

#### **Howelsen Hill, Steamboat Springs, CO, 2016-2018**

In the *Staff Engineer* role Mr. Dye worked closely with the lead geotechnical engineer, logging borings and gathering subsurface information for a significant landslide and ground water study. The project included the installation of a wireless ground water monitoring system that was installed across the project site. Mr. Dye was the key technical individual that performed and managed this work and then was responsible for software integration, ongoing data collection and creating reports for the client.

#### **Burns and Catamount Bridges, Eagle County, CO, 2016-2017**

Mr. Dye performed construction inspection as a *Staff Engineer* for 2 new vehicle bridges over the Colorado River. The work included construction inspection and observation of elements such as bridge caissons, new embankments, placement of bridge deck pavement and more.

#### **Additional Projects Completed with Yeh and Associates, Inc.:**

Work performed on the projects below include assembling proposals, budgets and managing geotechnical investigations, assigning laboratory testing, performing engineering analyses and assembly of reports with recommendations.

#### **Bridge Projects**

Grand Avenue Bridge Replacement, Glenwood Springs  
Castle Creek Bridge, Aspen  
Mesa County Road 58 Bridge, Colbran  
Castle Creek Bridge, Eagle  
County Road 0 Bridge, Meeker  
US 550 Bear Creek Bridge, Ouray  
US 141 K-01-A Bridge, Gateway

#### **Road and Pavement Design Projects**

Orchard Avenue Corridor Design, Grand Junction  
South Broadway Shoulder Improvements, Grand Junction  
6700 Road Extension, Montrose  
Niagara to Hillcrest Roundabout, Montrose  
US 50 Little Blue Canyon, Gunnison  
Railroad Avenue, Rifle  
SH 13 Pipe Jacking/Retaining Walls/Embankment Design, Rio Blanco Hil, Rifle  
Mesa County 16 Road Improvements, Fruita  
Mesa County 25 & I Road Drainage Feasibility Project, Grand Junction

### Geohazard Projects

Howelsen Hill Landslide, Steamboat Springs  
Gravel Pit Slope Stability Project, Gypsum  
Gunnison County Rd 12 Embankment Failure, Kebler Pass  
Maroon Creek Rd Embankment Failure, Aspen  
Buzzard Creek Landslide, Colbran  
US 160 Slope Monitoring Slope Stability, Bayfield  
Glenwood Spring High School Sink Hole, Glenwood Springs  
Arbaney Open Space Geohazard Evaluation, Pitkin County  
Coronet Falls Rockfall Hazard, Telluride  
US 24 Rockfall Hazard Monitoring, Minturn  
Rifle Water Tank Slope Monitoring, Rifle

### Commercial Projects

Colorado Outdoors Development Complex (Montrose)

- Medical Office Building
- Shelter Distilling
- Ross Reels
- Basecamp Apartment Complex (4 buildings)
- Plus 3 other business/warehouse structures within the complex

High Country Beverage Warehouse (160,000 sf), Grand Junction  
Assisted Living Facilities in Glenwood Spring and Carbondale  
City Market expansion in Eagle  
Tractor Supply Retail, Rifle  
Fed-Ex Facility, Gunnison

### Industrial and Gas Industries

A-1 Lithium Plant, Moab  
Encana Gas Pad/Landslide Investigation, Parachute  
Caerus Gas Pad E09, Parachute  
Caerus Gas Pad G-13 CDP, Parachute  
Badger Wash Gas Plant, Mac

### Aviation

Geotechnical investigations at the following airports for runways, taxiways and hangars:  
Grand Junction  
Rifle  
Moab  
Kremmling  
Walden  
Alamosa  
Delta

### Government/School Structures

USDA Forest Service Buildings, Delta and Montrose  
Lake City School, Lake City  
Roaring Fork Transit Authority (RFTA) Maintenance Building Expansion, Aspen and Glenwood Springs