



# CTL | Thompson: Digging Into Colorado Construction Projects Since 1971

Since its founding in 1971, CTL|Thompson Inc. has been at the ground level, literally, of a wide range of projects. With its team of geotechnical, structural and environmental experts, CTL offers trusted engineering solutions for every phase of building, from site acquisition, due diligence, design and construction through project completion. The company's results and expertise can be seen throughout its Rocky Mountain home and beyond, with offices from Cheyenne to Pueblo and winding through the mountain communities along I-70.

## Northern Colorado Offerings

CTL's Fort Collins office is the company's Northern Colorado hub for structural, geotechnical and environmental engineering services, along with material testing and construction observation. CTL's best work is mostly invisible to the untrained eye, but the Fort Collins office has provided engineering and testing support for projects across the region, including Colorado State University, the MAX BRT project, the Agilent campus in Loveland, Avago Technologies and hundreds of subdivisions.

Because of its location and its blend of structural and geotechnical engineering capabilities, CTL's Fort Collins office offers an expertise unique to both CTL and the region. Tucked away in its office on Linden Street is the only laboratory in the world accredited by the International Accreditation Services (IAS) to test helical piers, a type of deep foundation element that can support a variety of structures. At the lab, CTL engineers test manufactured piers used in buildings across the United States and Canada, sent from manufacturers, large and small. The company also continues to lead efforts to standardize the acceptance and use of helical piers, which provide an alternate deep foundation technique for use by the construction industry. Lending his expertise to these clients is Moncef Souissi, a CTL

team member currently completing a doctorate in seismic behavior of helical piles at Colorado State University.

CTL's specialized machinery, which tests the load capacity of materials and fabricated items to resistance and torque (up to 1,000,000 inch-pounds), also has been put to use for local research and development. One such endeavor is an invention by local machinist Dale Klinzmann, who went to CTL to test his patent-pending jack stand, designed for off-road enthusiasts.

In addition, CTL's Fort Collins experts provide work that is easily visible above ground. The company's engineers excel in the design of retaining walls used in both residential and commercial projects throughout Wyoming and Colorado, applying the concepts of structural and geotechnical engineering to these structures. In addition, CTL's expertise includes foundation and structural design, geotechnical investigation, septic design, asbestos evaluation, Phase I & II environmental assessments, material testing and construction observation.

## Engineers Always at the Peak

CTL's Fort Collins office is led by Wayne Thompson, P.E., and Wyatt Knutson, P.E., both structural engineers with experience in the public and private sectors spanning residential, industrial and commercial projects.

They are joined by CTL's experienced team of professionals who deliver high-level capabilities in geotechnical engineering and geologic studies; construction observation and materials testing; pavement design; structural engineering; and environmental and air quality assessments. The full team of more than 160 employees makes up one of the largest locally based geotechnical, environmental and structural engineering firms in Colorado, with expertise that delivers unique and efficient solutions to the design and engineering challenges facing building professionals.



## Contact Information

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## Year founded

1971

## No. of employees

160

## Top Executives:

Ron McOmber, P.E., Chairman and CEO; Stuart Thompson, President; Wayne Thompson, P.E., LEED AP, Fort Collins Branch Manager; Wyatt Knutson, P.E., Regional Manager

## Primary services

Engineering services including: geotechnical engineering, geologic studies, construction observation and testing, environmental engineering, materials testing, mining and subsidence, structural engineering and forensic services.