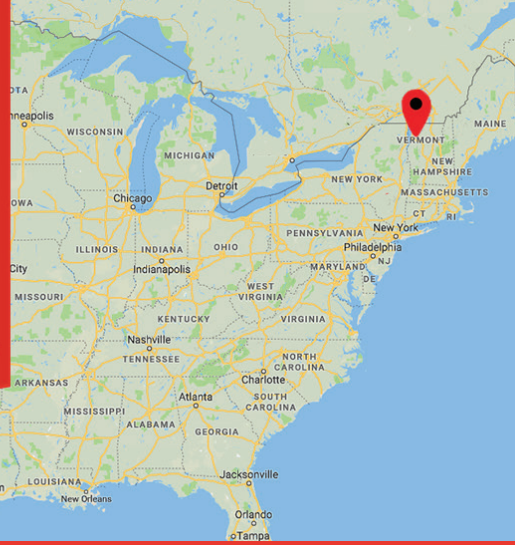




cdc. consulting

FEATURED PROJECT REPORT



TEMPORARY RETENTION (DRILLED PIPE SOLDIER PILES)

Middlebury, Vermont

Summer 2019 - Summer 2020

Difficult drilling conditions and logistic challenges required careful planning and preparation in order to successfully install drilled pipe soldier piles along this site that extends from one end of town to the other. Pipe piles were installed on each side of an existing rail line to form two parallel retaining walls - the space between the walls would later be drilled/blasted/removed to make room for a new precast concrete tunnel. Due to the highly variable ground conditions, multiple drilling systems were specified and made ready - this allowed the site crews to operate efficiently as conditions changed throughout the project. Mechanized handling of the drill tools offered additional safety and productivity. Tieback anchors, rock bolts, and shotcrete were also used extensively throughout the project.

CDC was able to help the contractor in the following ways:

- Equipment selection
- Drill tool selection / procurement / setup
- Drill operator training and troubleshooting
- Onsite QA/QC

