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FEATURED PROJECT REPORT



DRILLED MICROPILES (GROUTED COLUMN / THREADBAR)

Inez, Kentucky

April - May 2017

A picturesque mountaintop backdrop set the stage for construction of this new high school building in rural Kentucky. Although partially situated on a bedrock bench, some areas of the new building required deep foundations to transfer the building loads through spoils which were placed during the construction of a nearby highway extension. Drilled micropiles were selected as the best alternative due to the mixed subsurface conditions. Down-hole-hammer (DHH) drilling methods provided excellent production through a variety of soil conditions (including voided areas, coal seams, clay seams, and sandstone). Despite setbacks from weather delays, the contractor was able to complete the project safely and on-time.

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

- Equipment selection (drill rig, air compressors, etc.)
- Drill tool selection and procurement
- Site supervision, troubleshooting, and quality control
- Drill rig operation
- Pile testing program

