

Replacement of U.S. 31 Road Bridge, Montgomery, Alabama



Highly commended by the Alabama DOT, Case Atlantic's work on the complex replacement of the U.S. 31 bridge crossing the Alabama River in Autauga County, near Montgomery, showcased the largest ever bentonite slurry-supported holes in Alabama.

Client	Scott Bridge Company, ALDOT
Challenge	Huge, bentonite slurry-supported holes
Scope	2, 8-ft dia x 90-ft shafts at each of two abutments, and 2, 12-ft dia x 132-ft shafts at each of three water bents.
Access	Barge-mounted and land
Schedule	Completed 5-month schedule in 3 months
Method	Permanent and temporary casings, wet method (mineral slurry)
Testing	CSL