

## Pascagoula River Bridge, Pascagoula, Mississippi



Working double shifts, Case Atlantic installed drilled shaft foundations for the new 3,580-ft long, 135-ft wide Pascagoula River Bridge's one land-based and seven water-based bents. Utilizing a pre-assembled fixed template, the permanent casings were vibrated in place. As work was completed at each bent, the template was disassembled and moved to the next location. Case Atlantic maintained waterway navigability during construction.

Client	Boh Brothers for MDOT
Challenge	To maintain waterway navigability and shaft alignment in difficult currents
Scope	204, 5-ft dia x (110 to 118) ft shafts installed in groups of 24 or 30. Forty ft permanent casings
Access	Barge-mounted water work
Schedule	Completed 13-month schedule in 11 months
Method	Permanent casing, wet method (mineral slurry)
Testing	O-Cell