

QTS DC2N CULVERT REROUTING

📍 Atlanta, GA

BACKGROUND

In 2020, QTS Data Centers, a leading provider of data center solutions across the U.S. and Europe, initiated a project to construct a 900,000-square-foot campus in midtown Atlanta. However, an underground CIP culvert pipe was located beneath the project site, requiring a reroute to proceed with construction. The solution involved uncovering a portion of the culvert and redirecting it toward a nearby plateau, ensuring the construction could move forward without obstruction.

SCOPE OF WORK

Brassfield & Gorrie, the general contractor responsible for multiple phases of the project, hired Schnabel to install a temporary shoring system with internal bracing to assist in rerouting the culvert pipe. Schnabel installed approximately 1,000 linear feet of internally braced shoring and over 22,000 square feet of lagging wall as part of the project.

CHALLENGES

Completing the shoring system will facilitate the rerouting of the existing CIP culvert through the project site, allowing construction on the QTS data center to proceed without delays. Despite the challenges posed by Atlanta's wet winter weather, Schnabel has consistently met and exceeded key milestone dates within the tight three-month construction schedule.



AT A GLANCE

WORK PERFORMED BY SCHNABEL

- Installation of internally braced shoring system
- 1,000 LF of internally braced shoring installed
- 22,000+ SF of lagging wall installed

BENEFITS FOR CLIENT

- The internally braced shoring system will support rerouting an underground culvert for the new QTS Data Center campus construction.



KEVIN CARGILL, PE
Schnabel President

"With over 60 years of experience, Schnabel is committed to being the safest and most efficient geotechnical company, providing effective and timely solutions for our clients."

