

IAD 350 DATA CENTER

📍 Stafford County, VA

BACKGROUND

Amazon Data Services announced the development of a two-building data center campus in Stafford County, Virginia. The project also includes the construction of a new substation within the 510,000 square feet of data center space, that will provide a stable and reliable power supply. Northern Virginia has rapidly become the data center capital of the world, with continued data center construction expected in the coming years.

SCOPE OF WORK

General contractor, **Allan Myers** contracted by the prime contractor **HITT** hired Schnabel to provide specialized earth retention services for two key walls on the project, including a permanent shoring system with shotcrete facing and a sound wall. The scope of work involved the following:

- » 2,000+ FT of soldier beams
- » 12,000+ FT of sound walls
- » 6,000+ SF of lagging
- » 21,000+ SQ FT of shotcrete
- » 2,000+ LF of tiebacks

The client was impressed with Schnabel's efficiency in finishing the first phase safely and ahead of schedule. As a result, Allan Myers awarded Schnabel two additional shotcrete facings on permanent walls, and HITT awarded Schnabel their headquarters construction project.

FAST-PACED SCHEDULE

The project had a tight timeline, as the owner needed to move forward with other data center projects in the area. To meet this challenge, Schnabel's field team maintained constant communication with the client, setting up regular meetings to ensure that all work was progressing as planned. The proactive communication and coordination between Schnabel and Allan Myers were key to overcoming any issues that arose.



AT A GLANCE

WORK PERFORMED BY SCHNABEL

- Earth Retention on two walls.
- Permanent shoring system with shotcrete facing.
- Installation of a sound wall.

BENEFITS FOR CLIENT

- The work was completed **two weeks ahead of**
- **schedule** allowing the client to begin work on the substation sooner than planned.

BENEFITS FOR COMMUNITY

- This new data center campus will bring
- economic benefits to Stafford County, including more jobs and increased local tax revenue



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."

