

University of Arkansas

Application

4,000 cubic yards of EPS Geofoam was installed below-grade as backfill and retaining wall stabilization fill adjacent to a parking structure at the University of Arkansas in Fayetteville, Arkansas.

Project Details

Summer 2009, a \$22 million parking structure for the University of Arkansas required a lightweight fill solution that would reduce lateral pressure on the below-grade parking structure's walls. Baldwin & Shell Construction needed a fill material that would meet the project's aggressive schedule. According to Mike Castagna, Project Manager for Baldwin & Shell, "using Geofoam definitely helped decrease the time originally scheduled for this task."

Staged delivery was crucial to maintaining the project's tight schedule. During pre-construction meetings Morris Vines, Superintendent at Baldwin & Shell, explained that the "staging [area] at this project is very limited and any additional material would have to be stored off-site." Due to the limited staging, ACH Foam Technologies scheduled delivery according to when product was needed to ensure there was not a lapse in product availability.

One of Geofoam's many benefits is that it is easy to handle and install, saving contractors time and money. In the case of the University of Arkansas project, Geofoam allowed the contractor, Baldwin & Shell Construction, to improve their productivity and keep the project on schedule while providing engineers with a lightweight fill solution.

Geofoam

University of Arkansas

- Fayetteville, AR
- Summer 2009
- EPS Geofoam Backfill & Retaining Wall Stabilization Fill
- 4,000 Cubic Yards

Engineer

Sohban Kahn
Walker Engineers

Contractor

Morris Vines
Baldwin & Shell Construction



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