Foam-Control® EPS19 Geofoam was used as a lightweight structural fill above a sewage vault at Turner Field in Atlanta, Georgia.

Project Details

Contractors installing a sewage vault in a parking lot at the Atlanta Braves’ Turner Field ran into constructability complications. Approximately 12’ of fill was required to match existing surface elevations in the rebuilt lot above the vault, which was not designed to support a significant amount of weight. Initial calculations indicated that structural reinforcement of the vault could cost as much as a quarter of a million dollars and extend the construction schedule beyond the agreed completion date.

Engineers and builders turned to ACH Foam Technologies’ Foam-Control® EPS19 Geofoam to fill the void at roughly 20% of the cost of reinforcing the structure. The contractor worked with ACH Foam Technologies’ representatives to develop shop drawings using a combination of tapered and square Geofoam blocks. The product was easily installed by hand and a hot-wire cutter was used to create custom size pieces where needed.