US 77 Bypass

Application

6,600 cubic yards of Foam-Control® EPS19 Geofoam was installed as bridge approach fill in the reconstruction of the US 77 Bypass in Arkansas City, Kansas.

Project Details

May 2005, the Kansas Department of Transportation noticed the soil surrounding the US 77 Bypass bridge approach had begun to slide. This problem resulted in the bridge settling 5" shortly after its original construction.

To correct and prevent future settlement problems engineers reconstructed the bridge approach using EPS19 Geofoam. The roadway was reopened in August 2005. Foam-Control® EPS19 Geofoam has been used to solve engineering challenges worldwide for over 30 years. Its light weight, high compressive strength and ability to speed construction time make it the ideal fill material for roadway applications.

Geofoam

US 77 Bypass
• Arkansas City, KS
• May 2005
• Foam-Control® EPS19 Geofoam Bridge Approach Fill
• 6,600 Cubic Yards

Architect
James Brennan
Kansas Department of Transportation

Contractor
Mike Webb
Muskogee Bridge Company