Legacy Highway

Application

352,000 cubic feet of Foam-Control® EPS19 and EPS22 Geofoam was used as utility protection fill in the expansion of Legacy Highway in Centerville, Utah.

Project Details

Summer 2007, engineers required a lightweight fill that would minimize the weight and settlement impacts on buried utilities under the new embankments of the Legacy Highway. The utilities (sewer, gas and storm drains) needed to remain in service during construction without expensive interruption, replacement, or time-consuming relocation. Each of the utilities were buried 10’ below the embankment. An additional 20’ of new earth fill would be added to the embankment during the expansion. The utilities would not be able to withstand the weight from the additional fill.

Engineers turned to Foam-Control® Geofoam to replace 16’ of the heavy earth fill. Replacing earth fill with Geofoam reduced the weight on the below-grade utilities by 2,000 lbs. per square foot. Using Foam-Control® Geofoam on the Legacy Highway project saved installation time and helped to keep the project on schedule without interrupting service from the utilities or spending time and money relocating them. Legacy Highway is a four-lane, multiple-use road that costs $400 million and was completed in October 2008.

Geofoam

Legacy Highway
• Centerville, UT
• Summer 2007 to Fall 2008
• Foam-Control® EPS19 and EPS22 Geofoam Utility Protection Fill
• 352,000 Cubic Feet

Contractors
Brian Carr
Breck Rohner
Ames Construction

Engineer
Marv Cook
Advanced Engineering Solutions