Application

1,600 cubic yards of Foam-Control® EPS22 Geofoam was used to stabilize the soil beneath Atkinson Road located in Grayslake, Illinois.

Project Details

In 1996, the city chose to reconstruct Atkinson Road’s northbound lane with conventional soil fill material and the southbound lane with Geofoam lightweight fill to provide them with a side-by-side material comparison to help find a long-term solution to the road’s ongoing settlement issues. Over time, the northbound lane continued to experience settlement issues while the southbound lane, which contained the Geofoam fill, remained stable.

As a result of the settlement in the northbound lane, in the fall of 2011 the city decided to construct the 400’ section using approximately 1,600 cubic yards of EPS22 Geofoam. Jarius Camaerena, Project Manager explains “Curran Construction selected to use Geofoam for the fill at the Atkinson Road project in Graysville, Illinois because the foam blocks were easy to install thanks to the support from ACH Foam Technologies, as well as their prompt responsiveness to the changing field conditions. They provided us with the necessary pieces to finish the job.”

Foam-Control® Geofoam has been used worldwide for over 30 years to solve engineering problems because of its predicable material behavior, light weight, high compressive strength, and ability to meet aggressive construction schedules.