

# Biscuit Creek Bridge

## Application

29,500 cubic feet of Foam-Control® EPS Geofoam was installed as foundation stabilization fill for the Biscuit Creek Bridge remediation project in Rudyard, Michigan.

## Project Details

From August to November 2010 the Sullivan Creek Road was closed while the new Biscuit Creek Bridge was being built. Nearing the end of the project's completion, the bridge abutment began showing signs of movement during backfill due to lateral loading from the weight of the fill. Engineers requested that the soil backfill be removed to prevent further damage.

According to Glen Havelka, Contractor, Havelka Construction, "When the idea of high density foam backfill was discussed, I thought 'no way,' but ACH Foam Technologies proved me wrong. We were able to complete the job with temps well below zero, including opening the bridge to traffic in just 3 weeks. The product amazed me when with only 30 inches of cover we were able to place everything before the bridge was built with a 115,000 pound excavator on top of the foam."

The Geofoam was successfully installed without weather delays despite the very cold weather conditions. ACH Foam Technologies coordinated material delivery times to ensure the project stayed on schedule and work continued uninterrupted. Havelka was very enthusiastic about this experience with ACH Foam Technologies, "Great people. Great product. The only company we will work with when the need arises again," stated Havelka

## Geofoam

### Biscuit Creek Bridge

- Rudyard, MI
- Winter 2010
- Geofoam Foundation Stabilization Fill
- 29,500 Cubic Feet

### Contractor

Glen Havelka  
Havelka Construction

Mike Alfredson  
Alfredson Brothers  
Construction

### Engineer

Chequamegon Bay  
Engineering



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