

# Alton Highway 60 Bypass

## Application

275 cubic yards of EPS 19 Geofoam was installed as light weight protection fill over a box culvert in the construction of the Alton Highway 60 Bypass.

## Project Details

Fall 2004, engineers required a light weight fill material that would reduce the weight on a below-grade culvert beneath backfilled soil and railroad tracks. Using EPS Geofoam provided both the light weight and high compressive strengths required to solve the Iowa Department of Transportation's (IDOT) engineering challenges.

A total of twenty-seven feet of EPS 19 (5.8 psi)\* Geofoam facilitated rapid construction which protected the structure and saved considerable labor costs. The Alton Highway 60 Bypass project won several awards including the 16th Annual ACPA Award for Excellence in Concrete Pavements.

\*Compressive Resistance at 1% deformation

## Geofoam

### Alton Highway 60 Bypass

- Alton, IA
- Fall 2004
- Geofoam Culvert Protection Fill
- 275 Cubic Yards

### Architect

Pete Poepsel  
HDR

### Contractor

Craig Hughes  
Cedar Valley Corp.



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