

Window Rock Highway

Application

292,000 cubic feet of EPS 19 Geofoam was used as an embankment fill along the Window Rock Highway to provide a stable surface to widen the road.

Project Details

In fall 2004, city officials and engineers decided to widen part of the Window Rock Highway in areas that were prone to rock falls and dangerous traffic conditions. Rather than cutting into the cliff to widen the highway, engineers widened the highway over the mountain embankment.

Due to the location of the project and soil conditions, engineers turned to Geofoam as a solution for the highway's embankment fill. Geofoam was easily transported and installed at the jobsite where its high compressive strength provided support for the widened highway.

Geofoam

Window Rock Highway

- Mesa, AZ
- October 2004
- Geofoam Embankment Stabilization Fill
- 292,000 Cubic Feet

Engineer

Marv Cook
Advanced Engineering
Solutions LLC

Contractor

Doyle Hancock
Show Low Construction



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