

North Valley Parkway

Application

89,000 cubic feet of EPS 19 and EPS 22 Geofoam was installed as utility protection fill beneath the North Valley Highway in Phoenix, Arizona.

Project Details

During spring 2007 an access road to a new residential subdivision, Fireside at Norterra, was proposed to be constructed directly above a 54 inch in diameter water line. The new road would add between 10 to 14 feet of additional fill material above the utility. The additional heavy fill material would cause structural damage to the water line.

Engineers utilized Geofoam for its light weight and high compressive strength to lighten the load on the below-grade utility, rather than relocating the water lines which would be too costly and time consuming. An 8 foot layer of EPS Geofoam was installed instead of conventional backfill to minimize weight on the utility and eliminate structural damage.

Geofoam

North Valley Parkway

- Phoenix, AZ
- Spring 2007
- Geofoam Utility Protection
- 89,000 Cubic Feet

Engineer

Marv Cook
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