



GEOFOAM

UTILITY PROTECTION MAINTENANCE FACILITY WAXAHACHIE, TEXAS

QUICK FACTS:

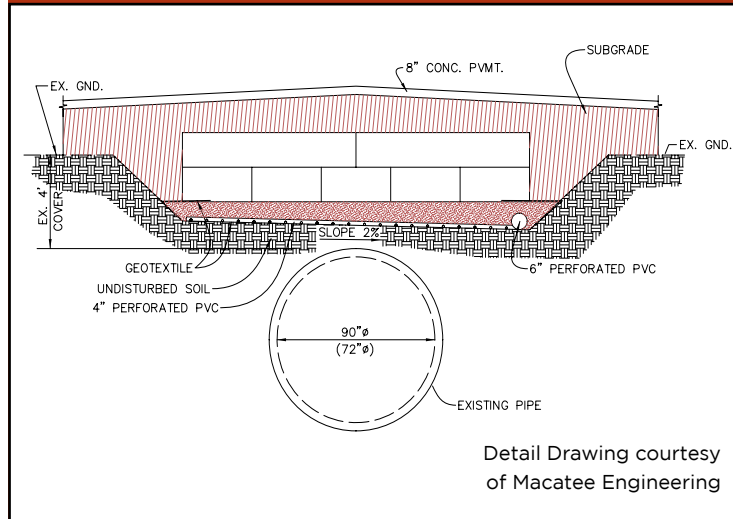
- **29,500 cubic feet of Geof foam**
- **Type EPS19 with Perform Guard**
- **Geof foam Supplier: ThermaFoam LLC**
- **Contractor: Walker Utilities Inc.**
- **Engineer: Macatee Engineering**

The construction of the Waxahachie maintenance facility access road design required that it cross over existing buried utilities. The addition of heavy traditional fill materials for the new road over the existing utilities presented a challenge. Foam-Control EPS Geof foam is an extremely lightweight material that provided a solution.

A design was developed that resulted in a zero net loading for the utilities and avoided more expensive alternatives for the road design or relocation of the utilities.

The project started with removing some of the existing site materials. This reduced the weight of materials over the utilities. Extremely lightweight geof foam was placed, followed by traditional subgrade materials for the road, and finally a concrete pavement. The end result in the design was no increase load on the buried utilities despite the new higher elevation of the road.


PROJECT PROFILE



CONTROL, NOT COMPROMISE.®

Fill face-off:

Choosing Foam-Control Geof foam over other fill materials.

- Extremely lightweight to reduce lateral or bearing loads
- Predictable engineered performance
- Various Types available to meet project specific strength requirements
- Can be installed in various weather conditions
- Foam-Control EPS with  **Perform Guard®** TERMITE RESISTANT available to provide protection against termites



EPS Geof foam

www.geof foam.com

CONTROL YOUR MATERIALS. CONTROL YOUR SETTLEMENT. CONTROL YOUR LATERAL LOADS. CONTROL YOUR INSTALLATION. CONTROL YOUR COSTS.



DON'T COMPROMISE YOUR STRUCTURAL INTEGRITY. DON'T COMPROMISE YOUR CONSTRUCTION SCHEDULE. DON'T COMPROMISE YOUR BUDGET.