24,200 cubic feet of Foam-Control® EPS22 Geofoam Structural and Soil Stabilization Fill was used to reduce settlement on underlying soils and lateral pressure on the structural wall supporting the 3300 South and I-215 Bridge in Salt Lake City, Utah.

**Project Details**

In 2008, engineers used Geofoam to reduce settlement of 20’ of compressible clay in the soil beneath the I-215 bridge support system. Using traditional fill material, such as soil, would have caused significant settlement problems and possible structural damage to the bridge.

The project employed a new technology called rapid bridge replacement. Traditional bridge replacement requires lane closures and impedes with traffic for a month or more, while rapid bridge replacement technology reduces the impact on lane closures and traffic to only a few days.
In traditional bridge replacement, the old bridge is demolished and the new bridge is constructed on site in its place. With rapid bridge replacement technology, a new piece of the bridge or even an entire span, is built on location, close to where it will be installed. This allows traffic lanes to remain open and the old bridge to be operational until the new bridge is constructed.

The 3300 South and I-215 Bridge was replaced in just two days.

“The use of Geofoam significantly reduced construction time and greatly reduced the amount of structural reinforcement needed.”

*Rick Chestnut, Terracon Engineering*

The easy-to-use and install EPS Geofoam saved money and installation time. Geofoam eliminated time that is needed for traditional fill to settle and maximizes installation efficiency because it’s easy to install and is not delayed by weather conditions.

**Application**
- Structural and Soil Stabilization Fill for Bridge Replacement
- EPS22 Geofoam
- 7.3 PSI Compressive Resistance @ 1% Deformation

**Geofoam Facts**
- Extremely Light Weight to Reduce Lateral or Bearing Loads
- Predictable Performance
- Saves Installation Time and Labor
- Meets ASTM D6817