

EarthTec's MSE Walls a Mainstay in NJ Roadway Construction

GeoStructures's Subsidiary Supporting New Jersey Turnpike Authority's Efforts to Improve Infrastructure

PURCELLVILLE, Va., July 1, 2010 – A dozen highway projects underway in New Jersey will incorporate walls or wall-related materials from EarthTec, the subsidiary of GeoStructures that specializes in the design and supply of mechanically stabilized earth (MSE) walls. In the last year the company has been awarded contracts to support projects requiring bridge abutments, retaining walls, parapets and other accessories.

On the New Jersey Turnpike in Mercer County, for example, EarthTec is supplying general contractor Rencor, Inc. with almost 27,000 square feet of MSE wall for four bridge abutments and seven retaining walls. On another project on Route 1 in Middlesex County, the company is delivering to general contractor D'Annunzio & Sons, Inc. almost 32,000 square feet of MSE. For a third effort on the Garden State Parkway, almost 21,000 square feet of EarthTec MSE will be part of the roadway work by Midlantic Construction, LLC. The Garden State job includes both true and pile-supported abutments, pre-cast coping and barriers.

“New Jersey has two of the top five busiest toll roads in the country, and construction has a large impact on commuters and the ability to deliver goods and services,” says Eric Hilberath, national sales director for EarthTec. To minimize this, we provide highway builders with complete wall systems and expertise that keeps a project on schedule.”

EarthTec has improved the decades-old MSE concept by incorporating precast concrete facing panels and ribbed-steel strips that are 60 mm wide and 5 mm thick, which are wider and thicker than the industry average. These larger strips reduces the number of strips needed per panel and enables taller walls and walls with longer design lives to be built with the fewest amount of strips per panel of any system.

About EarthTec

[EarthTec](#) helps builders save time and money when constructing grade-separation structures for transportation, commercial and industrial uses. The company's MSE wall systems feature innovations inside and outside the wall, and through its affiliation with GeoStructures it provides ground improvement, support of excavation and sound wall solutions that it can combine with the EarthTec MSE walls on a design-build basis.

About GeoStructures

[GeoStructures](#) is a design-build contractor with solutions for integrated ground reinforcement and wall construction on commercial, industrial and transportation projects. By deploying its

engineering expertise at the design stage, the company efficiently addresses unique site-development challenges and makes the best use of construction schedules and budgets.

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