

# **GeoStructures Accelerates Construction on Virginia's HOT Lanes**

## **New Contracts Provide Multiple Support Systems for Roadway Infrastructure**

PURCELLVILLE, Va., April 21, 2010 – GeoStructures has secured several additional contracts for retaining walls and ground improvement in support of Virginia's High Occupancy Toll (HOT) Lanes construction. The design-build contractor has completed work on more than one-third of its original contract to design and build sound walls, and it will proceed with construction of mechanically stabilized earth (MSE) walls, tieback retaining walls and ground improvement.

Through its [EarthTec](#) subsidiary, GeoStructures will design and supply MSE walls for several bridge abutment applications. In some areas where wall designs are in a cut situation, the company will provide permanent tieback retaining walls and/or post and panel cantilever walls. Its ground improvement division will install its Impact Pier® system to improve bearing capacity underneath MSE walls.

"HOT Lanes is a signature project for everyone involved," says Eric Hilberath, Mid-Atlantic regional manager for GeoStructures. "The environmental concerns, noise abatement for adjacent neighborhoods and the challenging design-build applications make it a true showcase for highlighting how the design of integrated solutions can lower overall project costs."

Touted by the Virginia Department of Transportation as the biggest enhancement to the Washington, D.C. beltway in more than 30 years, the 14-mile HOT Lanes project will replace more than \$260 million in aging infrastructure, including more than 50 bridges and overpasses from the Springfield Interchange on I-495 to north of the Dulles Toll Road. To access the two new lanes in each direction, cars with fewer than three occupants can pay a toll, which will change according to traffic conditions in order to regulate demand and keep traffic moving. Buses, carpools (HOV-3), motorcycles and emergency vehicles will have free access.

GeoStructures is operating as a subcontractor to Fluor-Lane, LLC, the joint venture between [Fluor Corporation](#) and [The Lane Construction Corporation](#) that is the prime contractor. The \$1.4 billion design-build project is set for completion in 2013.

### **About GeoStructures**

[GeoStructures](#) is a design-build contractor with solutions for integrated foundation improvement, earth support 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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Contact: Chris Ourand, (410) 793-5271 or [chris@chrisocom.com](mailto:chris@chrisocom.com)