

## Earth Structures, Inc.

Earth Structures, Inc. (ESI) is a design/build specialty contractor with experience and expertise in value engineering of site-specific earth reinforced structures. ESI specializes in constructing segmental block retaining walls, earth anchored retaining walls, over-steepened reinforced slopes and soil stabilization and foundation remediation systems throughout the southeastern United States.

### Built on Market Demand

The company formed in response to a void in the marketplace. Says company president, Tim Bailey, "As a sales representative for the soil reinforcement industry in the early 1990's, I saw a need for a specialty contractor who was knowledgeable and capable of providing the commercial and municipal markets with grade change solutions. I consulted my business partner, Randy Wicker, and together we formed ESI."

### Reinforced by a Design Partnership

Through a relationship with Thomas Rainey, certified engineer and owner of Soil Reinforcement Design, Inc. (SRDI), ESI is capable of providing preliminary and conceptual drawings on any project in the country. As a team, SRDI and ESI are helping developers preserve more of their land through the efficiencies of the walls they design and install.

### Bridging the Gap in South Carolina

ESI is currently working on the Southern Connector project, a South Carolina highway job, which is approximately 48,000-square-feet (4,459.2m<sup>2</sup>) of Anchor Vertica Pro®. ESI has constructed roadway walls and bridge abutment walls throughout the 17-mile (27.3581 km) project. To demonstrate the size of the project, one roadway wall extends approximately 1,800 feet (548.6400m) and reaches a maximum height of 20 feet (6.096m). Another wall abutting a bridge has a maximum height of 32 feet (9.7536m). The completed project will produce the longest single-span steel bridge in South Carolina.

### Allied with Anchor Wall Systems

In the design phase, ESI always specifies Anchor Wall Systems products manufactured by Tarmac America. Says Bailey, "These two companies have demonstrated industry leadership in the



ESI has built numerous roadway walls such as this one for the Southern Connector project, a South Carolina highway job requiring 48,000-square-feet (4,459.2m<sup>2</sup>) of Anchor Vertica Pro®.

products and services they provide." Working together, ESI is able to provide engineers, architects and contractors — for unparalleled professionalism and performance — from a project's design phase through completion.

ESI is dedicated to providing the very best products and services to its clients. According to Bailey, "At ESI, quality construction is our number one priority. Along with Anchor Wall Systems and our partnership with SRDI, we are able to consistently deliver on that priority."

For more information, contact ESI at (864) 597-0868. 



This bridge abutment wall from ESI's Southern Connector project is topped with massive pillars to support the bridge above it.