
Culvert Repair



Articulated Block Mats-Fabric Form-Sheet Pile Wall

Project Location: Florida Turnpike, Mile 263, Bldg 5315

UESI performed rehabilitation of various culvert sites along the Florida Turnpike. Work items included: modifications to existing concrete structures, concrete repairs, joint repairs and erosion control. One modifications included shoring and removal of a damaged wall in a box culvert. The repair required doweling of new reinforcing steel and driving temporary sheet pile to reinforce the slope behind the culvert. After the damaged wall was repaired, UESI crews constructed a steel sheet pile and reinforced concrete cap endwall around a 36-inch-diameter concrete culvert pipe. The contract also included concrete spall and crack repairs using urethane, epoxy and cementitious materials. Erosion control systems, such as articulated concrete block (ACB) mats and fabric forms, were also installed at various locations.

Completion Date: May 2004

UESI Job Number: COM2003224

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Fabric form erosion control armoring

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