

ODOT Stabilizes Slope with Geoweb





For Detailed Information & Specifications

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GENERAL INFORMATION

Project Title: Ohio D.O.T. 8003 (07)

Franklin County

Owner: Franklin County Engineer: E.L. Robinson

Location: I-270 @ Morse Rd.

Columbus, OH

Amanda Engle (E.L.R.)

Product Used: Geoweb GW30V4
Quantity: 18,400 square feet
Installed By: Shelly & Sands
Install Date: Summer 2007
Contact: Dave Fish (S & S.)

BACKGROUND

Reason for product use:

To stabilize the slope where water had been washing out the fill.

Problem being addressed:

Water was eroding the slope that abuts a reinforced earth wall and undermining the wall infill.

PRODUCT DETAILS

Type: GW30V40829P

Design Type: Slope Existing Product: None

Dimensions: 8 locations / 18,400 sf

Process: Prepare slope, Lay Fabric,

Stake GW, Infill, Seed, Erosion Control Blanket

INSTALLATION

The strength of filled Geoweb cells allows construction equipment to run over the system and lead to smooth installation.

RESULTS

After 18 months the slopes are completely stabilized and show no signs of erosion.