



Before

Pipeline Landslide Repair Kentucky

A midstream transmission group asked GeoStabilization International to design and construct a repair for a series of steep shallow landslides that had developed on a pipeline section traversing a steep, remote mountainside, more than a mile long. Traditional repair techniques were not feasible due to the site's difficult access and the surrounding environmentally sensitive wetlands. A GSI representative visited the site with the client's engineer, performed site reconnaissance, and helped develop a potential repair. This field data was electronically forwarded to GSI's in-house engineering group, who designed repairs using SuperNails® combined with high-strength wire mesh. Due to the severity of the slope grade, GSI's experienced crews worked with limited-access drill rigs, as well as from ropes and climbing harnesses to complete the work safely. The crews installed SuperNails® and high-tension mesh for more than 40,000 square feet through very difficult conditions and weather.