



NATURAL GAS PIPELINE PROJECT CENTRAL TENNESSEE, EE. UU.

Estabilización de taludes

Natural Gas Pipeline Project Central Tennessee

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Proyecto	Natural Gas Pipeline Project Central Tennessee
Lugar	Forest Hills, TN
País	EE. UU.
Año de instalación	2014
Cliente	Energy Company
Ingeniería	Civil: Fisher & Arnold Inc. / Geotechnical: TTL Inc. / Design & Build Slope Stabilization Engineer: Teasley Services Group LLC
Contratista	General Contractor: Sheehan Pipe Line Construction Co.
Otras empresas participantes	Geotechnical Stabilization Contractor: Geofirma LLC
Situación inicial	<p>Natural Gas pipeline installed involving clearing of slopes and covering a 20 in transmission line. The two slopes detailed on this project needed stabilizing to protect the integrity of the transmission line, personal property and the public from a slope failure. The solution required a cost effective system that could meet site challenges and provide safe, eco friendly slopes.</p> <p>The nailed (anchored) TECCO® System effectively stabilized the slopes protecting the integrity of the natural gas pipeline, property and the public. The revegetated slope looks great and is eco-friendly. Grooming of the slope is not a problem and animals can easily traverse the mitigated area.</p>
Descripción	<p>The solution was 82 000 ft² of anchored TECCO® System utilizing TECCO® G65/3 and P33/40 spike plates. Challenges for design and implementation included access to the top of the slope. This was accomplished using a light weight, modular wagon drill for the top down TECCO® installation. The pipeline had to be considered during design with anchors strategically placed around the pipeline. Cathodic protection was ensured with properly grouted anchors and installing sleeves through the TECCO® mesh for wiring.</p>
Objeto protegido	Carretera, Area residencial, Infraestructura, Otros
Protección contra la corrosión	GEOBRUGG SUPERCOATING
Geología	Residual soil/colluvium
Área estabilizada	7620 m²
Revegetación	Si
Exposición	Norte

Si tiene preguntas por favor póngase en contacto con nuestro especialista Geobrugg en su área

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