



# NATURAL GAS PIPELINE PROJECT CENTRAL TENNESSEE, EE. UU.

**Estabilización de taludes**

# Natural Gas Pipeline Project Central Tennessee

## Estabilización de taludes

<b>Proyecto</b>	Natural Gas Pipeline Project Central Tennessee
<b>Lugar</b>	Forest Hills, TN
<b>País</b>	EE. UU.
<b>Año de instalación</b>	2014
<b>Cliente</b>	Energy Company
<b>Ingeniería</b>	Civil: Fisher & Arnold Inc. / Geotechnical: TTL Inc. / Design & Build Slope Stabilization Engineer: Teasley Services Group LLC
<b>Contratista</b>	General Contractor: Sheehan Pipe Line Construction Co.
<b>Otras empresas participantes</b>	Geotechnical Stabilization Contractor: Geofirma LLC
<b>Situación inicial</b>	<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>
<b>Descripción</b>	<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>
<b>Objeto protegido</b>	Carretera, Area residencial, Infraestructura, Otros
<b>Protección contra la corrosión</b>	GEOBRUGG SUPERCOATING
<b>Geología</b>	Residual soil/colluvium
<b>Área estabilizada</b>	7620 m²
<b>Revegetación</b>	Si
<b>Exposición</b>	Norte

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

---

**Roger Moor**

Country Manager Ost- und Zentralschweiz, Liechtenstein

Teléfono +41 71 466 81 52

Móvil +41 78 783 46 81

Roger.Moor@geobrugg.com



**Geobrugg**

info@geobrugg.com | www.geobrugg.com

---