



# NATURAL GAS PIPELINE PROJECT CENTRAL TENNESSEE, ETATS-UNIS

**Stabilisation des pentes**

# Natural Gas Pipeline Project Central Tennessee

## Stabilisation des pentes

<b>Projet</b>	Natural Gas Pipeline Project Central Tennessee
<b>Ville</b>	Forest Hills, TN
<b>Pays</b>	Etats-Unis
<b>Année d'installation</b>	2014
<b>Client</b>	Energy Company
<b>Ingénierie</b>	Civil: Fisher & Arnold Inc. / Geotechnical: TTL Inc. / Design & Build Slope Stabilization Engineer: Teasley Services Group LLC
<b>Entrepreneur</b>	General Contractor: Sheehan Pipe Line Construction Co.
<b>Autres sociétés participantes</b>	Geotechnical Stabilization Contractor: Geofirma LLC
<b>Situation de départ</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>Description</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>Site protégé</b>	Route/Rue, Zone résidentielle, Infrastructure, Autres
<b>Protection anticorrosion</b>	GEOBRUGG SUPERCOATING
<b>Géologie</b>	Residual soil/colluvium
<b>Zone stabilisée</b>	7620 m²
<b>Écologisation</b>	Oui
<b>Exposition</b>	Nord

**Pour toute question, contactez votre spécialiste Geobrugg le plus proche**

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