



NATURAL GAS PIPELINE PROJECT CENTRAL TENNESSEE, ETATS-UNIS

Stabilisation des pentes

Natural Gas Pipeline Project Central Tennessee

Stabilisation des pentes

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

Pour toute question, contactez votre spécialiste Geobrugg le plus proche

Roger Moor

Country Manager Ost- und Zentralschweiz, Liechtenstein

Téléphone+41 71 466 81 52

Mobile +41 78 783 46 81

Roger.Moor@geobrugg.com



Geobrugg

info@geobrugg.com | www.geobrugg.com
