



SENDALL TUNNEL, GRENADA

Slope Stability

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Project	Sendall Tunnel
Location	St. George
Country	Grenada
Year of installation	2016
Customer	Government of Grenada / World Bank
Engineering	Glean ´ s Construction and Engineering Co. Ltd.
Contractor	Jiangsu Geology & Engineering Co. Caribbean Ltd.
Other participating companies	Ameritech Slope Constructors Inc.
Initial situation	<p>The slope at the western portal of the Sendall tunnel was affected by rockfall events, which represented a high risk for pedestrians and motorists travelling daily in the touristy port area of St. George. At the top of the embankment there is also a Presbyterian church from the XIXth century, which has been restored for its historical and touristical significance.</p>
Description	<p>The designer decided to install high tensile TECCO® G65/3 mesh as a drape due to it's unique features, low maintenance requirements and corrosion protection.</p> <p>As a direction protection of the Presbyterian Church, ca. 20 meters long retaining wall was constructed just below, along its western boundry.</p>
Protected object	Road, Touristic infrastructure
Corrosion protection	GEOBRUGG SUPERCOATING
Geology	Colluvium soil of sand soil with rock blocks.
Stabilized area	1680 m ²
Maximum slope height	16 m
Slope inclination	75 ° - 80 °
Exposition	

For questions please contact our Geobrugg specialist at your side

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