



OLT VALLEY, KM 239+500 - 246+500, RUMANÍA

Protección contra caídas de rocas

Olt Valley, km 239+500 - 246+500

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Proyecto	Olt Valley, km 239+500 - 246+500
Lugar	Boița
País	Rumanía
Año de instalación	2015
Cliente	Compania Națională de Administrare a Infrastructurii Rutiere (C.N.A.I.R.) – Directia Regionala de Drumuri si Poduri Craiova (D.R.D.P.)
Ingeniería	A.C. IRIMAT Cons S.R.L.
Contratista	S.C. VECTRA GROUP S.A.
Otras empresas participantes	Sachsische Bau GmbH Dresden Germany, Sibiu Branch
Situación inicial	<p>National road no. 7 (DN7) is one of the most important routes through the Carpathian Mountains, with heavy traffic. The Olt River runs parallel to the DN7 with high mountains, directly next to the road. In winter and spring rockfalls occur regularly. Also with unstable slopes, torrents and avalanches the risk of accidents was high.</p> <p>This project was originally developed with five concrete canopies for rockfall protection. Due to costs and other restrictions, a modern solution using high tensile steel wire was chosen. After further investigation, 23 dangerous areas were found and had to be protected using two types of protection systems: active and passive.</p>

Descripción

GBE rockfall barriers were provided as a passive protection at the following sectors:

1. km 240+454 - 240+510

GBE-1000

- capacity: 1000 kJ
- height: 5 m
- length: 56 m

2. km 240+555 - 240+577

GBE-1000

- capacity: 1000 kJ
- height: 3 m
- length: 22 m

3. km 242+453 - 242+457 (as a debrisflow barrier)

VX-060

- height: 3 m
- length: 8 m

4. km 242+457 - 242+610

GBE-1000

- capacity: 1000 kJ
- height: 4 m
- length: 30 m and 36 m

5. km 242+859 - 242+940

GBE-1000

- capacity: 1000 kJ
- height: 4 m
- length: 30 m

6. km 243+099 - 243+179

GBE-1000

- capacity: 1000 kJ
- height: 4 m
- length: 30 m

See also the other projects of Olt Valley.

Objeto protegido

Carretera

Otras aplicaciones instaladas

Estabilización de taludes, Protección contra flujos de detritos y deslizamientos superficiales

Protección contra la corrosión

Galvanizado, GEOBRUGG SUPERCOATING

Capacidad de absorción de energía

1000 kJ

Altura del sistema

3.0 m, 4.0 m

Longitud del sistema

20 m - 50 m

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

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