



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

Protezione da caduta massi

Olt Valley, km 239+500 - 246+500

Protezione da caduta massi

Progetto	Olt Valley, km 239+500 - 246+500
Luogo	Boița
Paese	Romania
Anno di installazione	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.)
Progettazione	A.C. IRIMAT Cons S.R.L.
Contraente	S.C. VECTRA GROUP S.A.
Altre società partecipanti	Sachsische Bau GmbH Dresden Germany, Sibiu Branch
Situazione iniziale	<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>

Descrizione

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.

Oggetto protetto

Strada

Altre applicazioni installate

Consolidamento di versanti, Protezione contro frane e colate detritiche

Protezione dalla corrosione

Galvanized, GEOBRUGG SUPERCOATING

Capacità di assorbimento dell'energia

1000 kj

Altezza del sistema

3.0 m, 4.0 m

Lunghezza del sistema

20 m - 50 m

Per qualsiasi domanda potete contattare il nostro specialista Geobrugg

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