ATIVA - HIGHWAY TURIN AOSTA, QUISSOLO, ITALY

Impact Protection

BRUGG
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Safety is our nature

ATIVA - Highway Turin Aosta, Quissolo

Impact Protection

Project	ATIVA - Highway Turin Aosta, Quissolo
Location	Quissolo
Country	Italy
Year of installation	2016
Customer	ATIVA
Engineering	SOILDATA - Robbiate (Lecco)
Contractor	S.I.CO.GEN. s.r.l. (Società Italiana Costruzioni Generali)

Initial situation

The motorway Torino - Valla d'Aosta (Turin - Aosta Valley) is located in the mountainous, northern region. It runs through a series of tunnels and open sectors. The slopes are very steep and rockfalls are frequent. There are scheduled cleanings or scalings performed regularly. The motorway is an important traffic connection and has to be kept open during maintenance. The open lanes must be protected from rocks, stones, wood and debris.

Description

ATIVA is the Italian autostrada operator. The companies Soildata and Geobrugg developed a new type of barrier for them. Geobrugg has many years of experience in the dynamic absorption of kinetic energy.

The new barrier is modular, making it fast and easy to install. Steel frames of high-tensile steel wire mesh were fixed on existing concrete elements (called "New Jersey type"). The system is removable and reusable and offers maximum flexibility. In case of impact, the fence and concrete elements offer ideal protection.

Meshes, ropes, and net sections are connected with a helix spiral of high-tensile steel. They would activate the whole system in case of an impact.

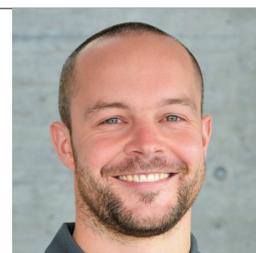|	
Protected object	Road
Other installed applications	Rockfall Protection, Road fencing
System height	3.5 m

For questions please contact our Geobrugg specialist at your side

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