



TAMINA BRIDGE, SWITZERLAND

Slope Stability

Tamina Bridge

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Project	Tamina Bridge
Location	Pfäfers
Country	Switzerland
Year of installation	2013
Customer	Tiefbauamt Kanton St. Gallen
Engineering	wlw Bauingenieure AG, Mels
Contractor	Gall Forstunternehmung AG, Berschis

Initial situation

The villages of Valens and Pfäfers are in the Swiss Canton of Grisons. They are separated by the deep Tamina valley. The Valensstrasse connects Bad Ragaz with Valens and runs along the left side of the valley. It is primarily located in an active landslide area. There have been problems at the Valenserstrasse for many years due to difficult geological conditions. Smaller and larger slides, including rockfalls occurred regularly. The road no longer met the requirements of administration. Their solution was visually unobtrusive, fully safe and allowed the *Tamina Bridge* to be officially opened in summer 2017.

We have taken information from the German [website](#) of the Civil Engineering of the Canton of St. Gallen.

Description

During the construction phase, the Valenserstrasse had to be protected as an access road that later became the Tamina Bridge. The mesh which was installed in early 2013 not only meets the safety requirements of the road authorities, but perfectly integrates into the landscape. The TECCO® wire mesh is barely visible on the gray rock or under vegetation. An ideal solution for the Tamina valley with its scenic beauty and ecological value.

Protected object	Road
Other installed applications	Rockfall Protection
Corrosion protection	GEOBRUGG SUPERCOATING, GEOBRUGG ULTRACOATING
Geology	Limestone
Stabilized area	3000 m ²
Maximum slope height	11 m
Slope inclination	70 °
Exposition	

For questions please contact our Geobrugg specialist at your side

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