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ATG – L626 STABIELLO CHANNEL AND COFFERDAM, BIASCA – SWITZERLAND



The project interchange Giustizia (L626) of the new ATG railway line in Biasca concerns also the realisation of the Stabiello channel and cofferdam. Aim of the structure is to protect the railway line and the road from debris flows in case of flood. Designed and realised to host a volume of 5500 m³, it has been dimensioned in preparation for a possible future 1 m building-up of front and lateral walls and increase of volume till 7000 m³. The channel, culverted on the road section, is in reinforced concrete under the artificial Giustizia tunnel. Also megafauna escape routes have been realised.

Client:
AlpTransit San Gottardo SA
Bellinzona

Cost:
7.00 Mio CHF

Period:
2011 – 2012



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