

ROAD DELVINE KARDHIQ LOT 6
DELVINA, SARANDA, ALBANIA**Reinforced Soil Walls and Slope Reinforcement****Problem**

The Kardhiq-Delvina Road is 33 km long, it lies in the south of Albania and crosses the district of Gjirokastra, Delvina and Saranda. The axis starts at the Kardhiqi Bridge and ends at the entrance to the city of Delvina. The completion of the Kardhiq-Delvinë road shortens the travel time from Tirana to Saranda by 3 hours, giving a further boost to the development of the area and Albania.

Solution

For this project Maccaferri Balkans worked together with the designer to implement a design which fulfils the needs of the Investor.

The terrain of this road section was very mountainous and it was needed to design soil reinforcement walls. The best solution for this problem was using Green terramesh reinforced with Paralink geogrid for the best performance.

Client: AGEBS shpk**Designer / Consultant:** "47EK79&ILIRIADA P.K.S" & "GJEOKONSULT"**Contractor:** AGBES shpk**Products used (Qty.)**

- Terramesh	13'000m2 GTML 2.5x3x0.76m
- MonoAxial GeoGrids	111'000 m2 Paralink 300 & 500

Date of construction: 01/2020 - 01/2022[Google Maps](#)[Google Earth](#)**During construction****During construction**



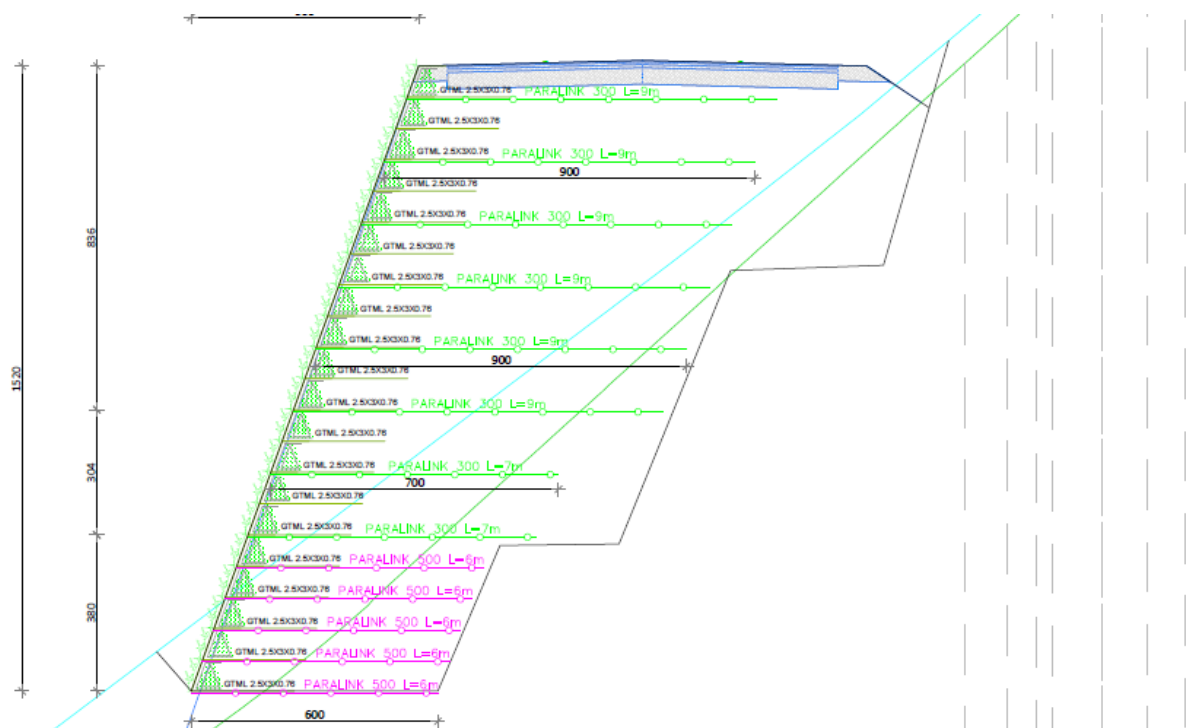
During construction



During construction



After construction



Schematic design