

**KOSOVO MOTORWAY PROJECT**  
**PRISHTINE, KOSOVO, KOSOVO****Reinforced Soil Walls and Slope Reinforcement****Problem**

This project has implied reinforced soil wall design, material supply and installation.

The main contractor was Bechtel Enka general partnership. Bechtel Enka joint-venture completed Kosovo's first two motorways – Route 6 and Route 7.

Route 6 Prishtine – Hani i Elezit is an integral part of road corridor which connects capital cities, Prishtine and Skopje (FYR Macedonia).

Together these motorways create a transport corridor from Kosovo's border with Albania, via its capital, to its border with North Macedonia.

The walls have been built in a seismic and mountainous area for a total of more than 13800 sqm of reinforced soil facing.

**Solution**

Mainly, seven Paramesh system walls have been built: WL 015, WL 024, WL 060, WR 131, WR 134, WR 139, WR 406.

The main products used are Terramesh System 3x2x0.5 and 3x2x1, MacTex H35.1, ParaLink 500, ParaLink 300 and ParaGrid 150.

The project included also gabions walls, soil nailing with MacMat and rockfall protection.

Most of the walls comprises of box culverts at the bottom for the runoff of water.

The maximum height of the reinforced soil walls is nearly 25 meters.

**Client:** Republic of Kosovo, Ministry of Infrastructure

**Designer / Consultant:** TEMPUS PROJECT Ltd.

**Contractor:** BECHTEL ENKA GENERAL PARTNERSHIP

**Products used (Qty.)**

- Terramesh	7133 pcs
- ParaLink	43980 m2
- ParaGrid	77695 m2
- MacTex H	37045 m2

**Date of construction:** 08/2017 - 10/2018



WL 015



WL 015



WL 134



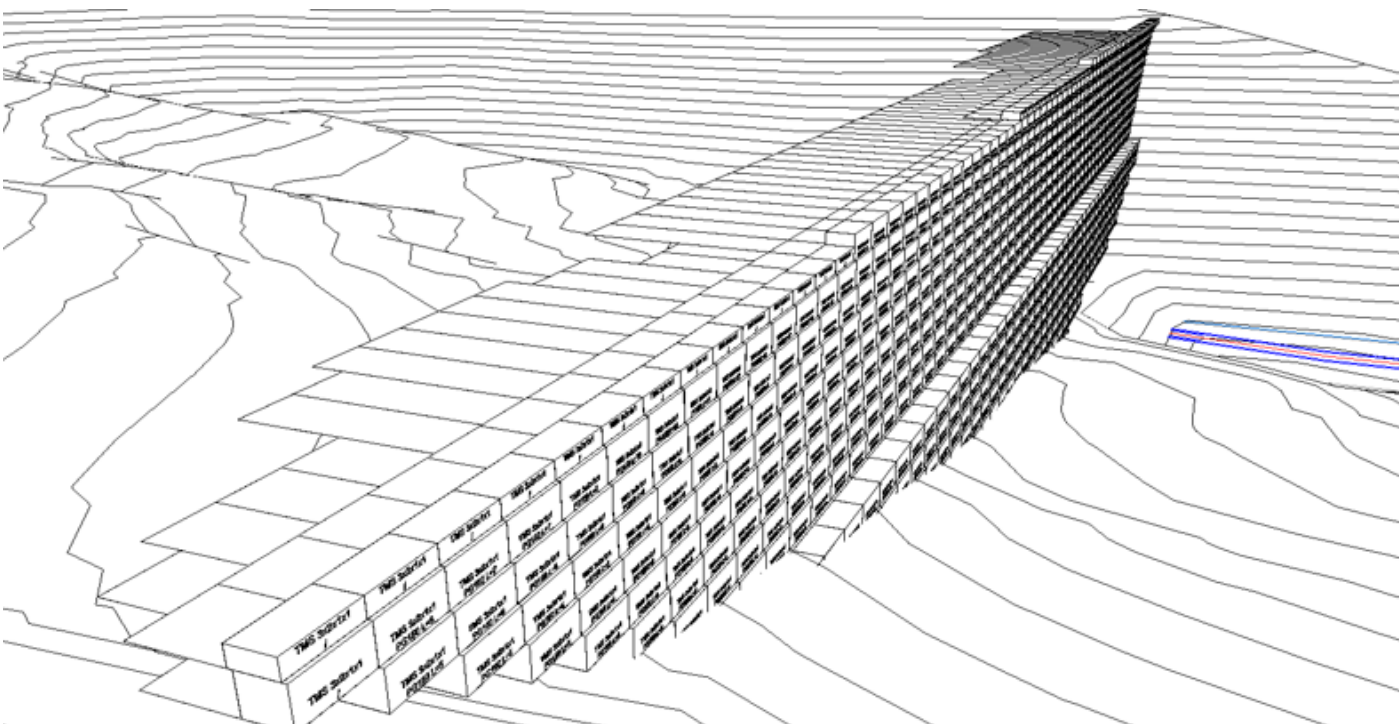
WL 134



WR 139



Gabion Wall



Prospective View

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