

Tender designs – services

Concession project for the Construction, Operation & Maintenance of «Milot-Morine» highway

Albania

Project

Tender design and consultancy services for the Milot – Morine highway with respect to the conditions of the cuts and embankments and the existing Thirra tunnel, as well as, the new construction elements of the highway referring to the earthworks for the dualization of the first section of the highway from Milot to Rreshen and the new twin bore Kukës Tunnel

Construction Cost

Total cost: approx. € 258m

Project Schedule

Design: 2012 - 2013

Construction – Operation - Maintenance: 2013 - 2043

Project Description

- Total highway length: 114km
- Existing cuts max. height: ~170m
- Existing embankments max. height: ~60m
- Existing Thirra tunnel: 2* 5.50km= 11km, effective cross section: 61.15m²
- New Kukës Tunnel: 2*250m=500m, effective cross section: 50m²

Geology

Rock formations, mostly ophiolites and limestones, with differential degree of weathering, fracturing and tectonic deformation. Soft rock and soil-like formations are also encountered, especially in the first section from Milot to Reps and the last section from Kukës to Morine

Our Services

- Independent diagnosis on the conditions of the entire existing alignment of the highway with respect to the earthworks and preliminary definition of the required works to decrease the geotechnical risk associated with landslides and rockfalls and the current status of the existing earthworks / environmental concerns – Safety assessment of the existing Thirra tunnel
- Method statement with qualitative future maintenance requirements for the existing earthworks (cuts - embankments) and the existing Thirra tunnel
- Tender designs for the construction elements
- BoQ estimates for the interventions required to decrease the geotechnical risk of the existing earthworks, the new earthworks of the highway section to be dualized and the new Kukës tunnel



Highway cut slopes view



Existing Thirra tunnel



Highway embankment slopes view

Client

- VINCI CONCESSIONS SAS - AKTOR CONCESSIONS S.A.
- AKTOR S.A.