



A41 MOTORWAY - BRIDGE ABUTMENTS - LA RAVOIRE - FRANCE

Roads & Motorways
Pure abutments

France, Haute-Savoie (74), La Ravoire



A41 Motorway - Bridge Abutments - Underpass/PI 161- La Ravoire - France

Activity :
Reinforced Earth

System :
TA "Classic"

Reinforcement :
HA / HAR steel strips

Key figures :
Area : 3700 m²
Rise: 23.80 m

Owner / Client :
ADELAC

Engineer :
I-LAC / SETEC TPI

Main contractor :
GIE CONSTRUCTEURS A41

Terre Armée entity :
Terre Armée France (France)

Date :
2007



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The Project

The completion of the last link of the A41, a 21 km key axis connecting the cities of Grenoble, Chambéry, Annecy and Geneva; required the construction of two true bridge abutments of exceptional height.

The main contractor on this project awarded Terre Armée France the contract for the design, supply and technical assistance of these Reinforced Earth® structures.

The Solution

For this project, Terre Armée France provided TerraClass® panels and steel reinforcement strips and, prior to the construction, checked the overall stability of the slopes and the soil. Technical assistance was also part of the contract. Construction works began in March 2007 and were completed in July 2007.

The Advantages

The two 24 m high Reinforced Earth® true abutments were associated to two 35 metres long isostatics decks for a total area of almost 4 000 m² of TerraClass® facings.

Construction was carried out without interfering with the environmentally sensitive stream flowing under the structure.

