

EN 321-1 – SOALHÃES–BAIÃO

2000

Location

Baião, Portugal

Client

Estradas de Portugal, EPE
(Portugal Roads Public
Company)

Estimated Cost

9.2 million EUR

Stage

Scheme Design
Detailed Design

Extension

6.6 km

The construction of a variant to the EN 321-1 national road between Baião and Soalhães, respectively located in the municipalities of Baião and of Marco de Canavezes, arose from the need to reduce the impact of the traffic on the existing road as it crossed towns and from the need to connect the two municipalities on a regional level. The current detailed design thus affirms itself as a project of recognised municipal and public interest.

The variant is 6.6 km long and features the grade separation of an intersection, a number of regular engineering structures and their respective reestablishments.

The mountainous terrain and the existence of a pre-established channel in the planning chart and constraints of the municipal master plans of the involved municipalities were challenges that A1V2 had to overcome in order to define a road layout geometry that ensured good accessibility within the municipalities and an equal traffic distribution among the various towns and major centres.

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