

MULTIMODAL MOBILITY IN BRAGANÇA

CANTARIAS INDUSTRIAL ZONE AND BUSINESS PARK ACCESSSES

2017

Location

Bragança, Portugal

Client

Municipality of Bragança

Estimated Cost

4 769 591 EUR

Stage

Detailed design

Extension

3399 m

This project was developed under the principles established in Bragança's environmental sustainability and eco-city strategy to meet the urban mobility needs between the urban center and its surroundings. It effects urban regeneration that enables the development of differentiated economic activities and that is oriented towards settling the population and improving quality of life by influencing people's choices in regards to their mode of transport.

The project incorporates the following interventions:

- definition of a new road, including all subprojects for earthworks, drainage, paving, etc.;
- requalification of local accesses;
- execution of new retaining works and of a new cattle pass;
- location and identification of affected services;
- definition of traffic signs and safety equipment in accordance with road safety standards.

LOCATION MAP

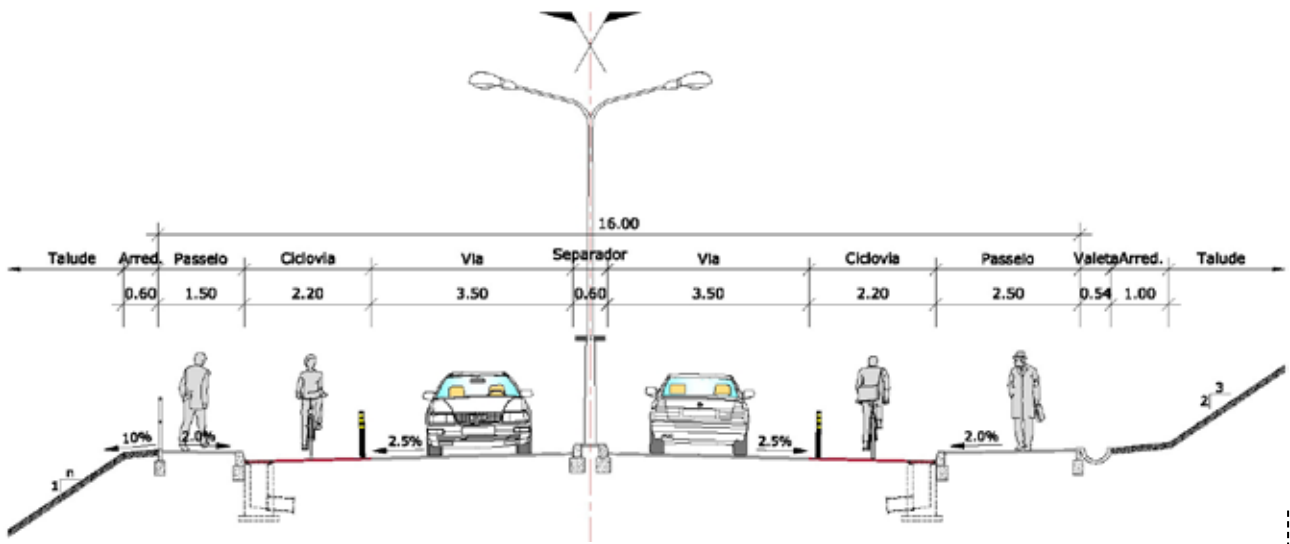


CROSS-SECTION WITH BUS STOP



SMART PEDESTRIAN CROSSING WITH LEDS





CROSS-SECTION

The defined layout geometry and cross-section types facilitate road perception, promoting good conditions for circulation and increasing road safety.

This structuring axis, whose goal is to divert traffic from the urban center, is approximately 3.4 km long. While defining this axis, which mainly follows the channel of a disabled railway line, there was a concern to design a road that was integrated into the landscape and the surrounding environment—both natural

and human—studying the reconnection to the local road network, safety and driver comfort in an integrated way.

The design takes into account a project speed of 50 km/h and also contemplates the layout geometry definition of: 3 roundabouts; 16 junctions; 1 street to rehabilitate (Rua D. Pedro IV); 2 service roads; 1 slip road from the Cantarias Roundabout to the national road EN 15.

CROSS-SECTIONS

