

BAIXO ALENTEJO SUBCONCESSION

2009

Location

Sines–Beja, Portugal

Client

Estradas da Planície

Stage

Road Safety Audit

Extension

68 km

The goal of this study was to perform a road safety audit of the road designs included in the Baixo Alentejo Subconcession, examining the layout geometry of the main itinerary road IP 8, between Sines and Beja.

Other than the plain line track, all reconnections and a total of five interchanges were included in the audit: Grândola Sul, Santa Margarida do Sado, Figueira dos Cavaleiros, Ferreira do Alentejo, and Beringel.

We also performed a global analysis of the uniformity of the layout, taking a critical look at parameters that go beyond the current guidelines and good practice standards for road designs and that have a direct impact on road safety. This uniformity analysis intended to simulate the dynamic behaviour of the layout, to understand the extent to which it reflects and meets driver expectations.

PARTIAL VIEW OF THE SUBCONCESSION



LOCATION MAP

