



## Leixões line. Multimodal Platform in the Porto Logistics Hub



SENER XTRANSPORTATION / XTRANSPORT TERMINALS / XFREIGHT & LOGISTICS / PORTUGAL

LEIXÕES LINE. MULTI-MODAL PLATFORM IN THE PORTO LOGISTICS HUB

Cliente: FERBRITAS Fecha inicio: enero del

2006

País: Portugal Fecha fin: enero del 2007

Building of the Grande Porto Logistics Hub, including the restoration of the roads affected by the building work and connections by road and railway to the existing network, the latter beginning at the Leixões Line. The scope of the services includes the drafting of the building projects of the railway and road accesses.

## Main technical characteristics:

With a total area of approximately 25,830 m<sup>2</sup>, the Logistics Hub is developed entirely by excavation and includes a "Technical Area" of about 1,320 m<sup>2</sup> and 2 grade separations: one under the VILPL, for railway access, and another under the Porto Underground line for access by road.

The railway part includes the remodelling of the Leixões Line over an approximate length of 875 m and of the Hub access routes. The road part of the project includes the design of three roads ("Access to the Multimodal Platform", "Access to the EDAR" and "Restoration 1") with a length of 325.

Sener participated in the design of the accesses and replacement and drafting of the corresponding building projects (disciplines of the layout, embankments, drainage, surfaces and horizontal signalling).