



Pedestrian Bridge over the Lerez River

Pontevedra. Spain / 1997

Structural type
Characteristics
Owner
Constructor
Scope

arch bridge with lower steel deck
steel lower deck arch with a span of 82,50 m and a rise of 13,40 m, both are steel structures
Xunta de Galicia
OCP construcciones. Operaciones de giro Lastra Ibérica. ACS
detailed design and construction support



The pedestrian footbridge over the River Lérez comprises a lower deck arch with a span of 82,50 m and a rise of 13,40 m. Both deck and arch are steel structures. The arch is made up of a pipe of 1,00 m diameter. The deck which is 4,00 m wide and 0,80 m deep has a lens-shaped cross section.

The footbridge was built parallel to the river on one riverside. Once it was finished, the bridge ends were placed on two turning tables: one on shore and the other one off shore on a boat. The footbridge was first turned by the movement of the boat and then longitudinally shifted, holding the off shore bridge end with a crane and fixing the on shore one on a bed of sliding Teflon bearings which allowed its longitudinal launching.



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