



Altabix footbridge

Elche, Spain / 2021-2022

Structural type
Characteristics
Scope

Truss bridge
44m span
detailed design

Construction project drafted by FHECOR together with GUIIA Consultores and approved in 2022.

The work consisted of the study for the execution of a pedestrian walkway, ramps, and access stairs, along with a retaining wall and the urbanization of the surroundings over the Alicante-Elche suburban train line, in the Altabaix area in Elche (Alicante).

The walkway is designed as a Warren-type metal lattice with a span of 44 meters, a rectangular section of 3 meters in height, and 5.55 meters in width. It was designed with sufficient space for a possible track doubling and maintaining a height of 7 meters above the train route.



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