

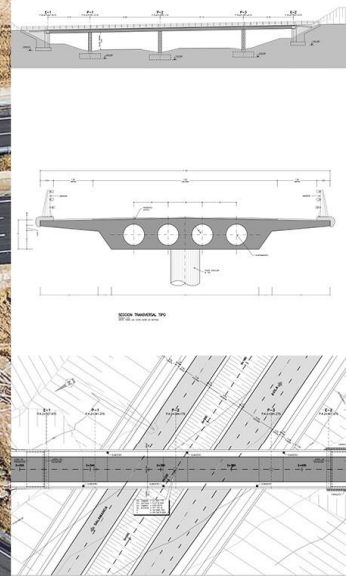


Structures of the Ávila-Salamanca highway. Peñalba section

Ávila, Spain / 2004-2005

Structural type
Characteristics
Owner
Client
Constructor
Scope

Slabs of post-tensioned concrete and beams
Slabs of post-tensioned concrete, bridges of prefabricated beams, and concrete box culverts
Ministerio de Fomento
Gresing S.A.
FCC Construcción
detailed design



Detailed design of the structures of the Peñalba de Ávila and San Pedro del Arroyo section of the A-50 motorway, with a length of 9.16 km, and a double carriageway with 2 lanes in each direction with a median of 10 m and external shoulders of 2, 5 m and internal shoulders of 1 m.

The viaducts of Berlanas and Cárcava-Cardiel of 180 and 160 m of lightened prestressed slab are highlighted. There are also 3 bridges over streams of double T beams, 5 overpasses of post-stressed concrete and 4 concrete box culverts.



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