

11. Connection between the A-2 and the AP-7 at Castellbisbal

MUNICIPALITIES

El Papiol, Castellbisbal and Sant Andreu de la Barca

HEADING

The 2.4 km under construction will save over 12 km on the route of the Baix Llobregat road.

ECONOMIC AND TECHNICAL DETAILS

- Length of works: 2.4 km
- Includes a mixed steel and concrete viaduct, 850 m long and crossing the A-2 trunk road, the River Llobregat, the Rubí riverbed and 6 Adif rail tracks
- Average traffic forecast: 40,000 vehicles
- Selected contractor: Ferrovial Agroman
- Value of construction works: €55,62 M

PROJECT DESCRIPTION

The project will allow the connection between the Baix Llobregat trunk road and the AP-7 motorway.

The link road will have a dual carriageway section measuring 2.4 km, 850 metres of which are over a viaduct. The road begins with two slip roads that connect with the lateral carriageways of the Baix Llobregat trunk road (A-2), in the Tarragona and Lleida directions, each crossing the River Llobregat separately, subsequently converging again into a single road. This then runs around the Sant Vicenç Industrial Estate and turns left, crossing the Rubí riverbed and the rail infrastructures of the Madrid – Barcelona High-Speed Line, the Renfe double track for mixed transport and the Renfe freight line.

Afterwards, the link road then runs northwards, parallel to the riverbed, below the existing structures of the AP-7. The two carriageways then separate once more to connect with the lateral carriageways of the AP-7, which for 500 metres have 5 lanes in each direction.

The new link road has a junction with the C-1413 road.

By late 2012, both viaducts over the River Llobregat were complete, and only needed surfacing. During 2013 the walls around the A-2 will be built as will the structure reinforcing the terrain, 10,000 m² long and 12 m high, along the left bank of the Rubí riverbed.

PROJECT ADDRESS

www.fomento.es

RESPONSIBLE

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