

Railway viaduct of La Garde-Adhémar

La Garde-Adhémar (FR)



**Mission : execution studies of the steel structures, the concrete deck, the piles, bridgeheads and foundation piles.
Statics, dynamics and seismic studies**

Owner
SNCF

Architect
Marc Mimram

Cost of the works
€ 24,5 M excl. vat

Studies
1995 - 2001

Execution
1996 - 1998

On duty
2001



The viaduct spans the canal of Donzère, parallel to the Rhône river, underneath the village of La Garde-Adhémar near the motorway A7.

With its 324-meter-long deck, it is one of the major bridges on the high speed railway track Lyon-Méditerranée.

It has four spans : two 52-meter-long side spans and two 110,30-meter-long main bowstrings.

A central arch linking both arches increases slightly the rigidity.
The steel arches support a concrete deck.