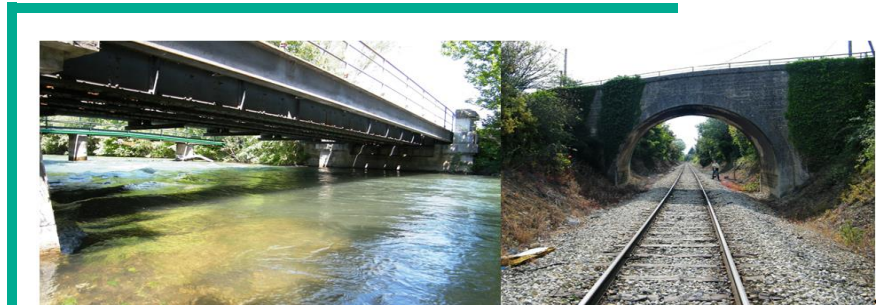


**Project management: reopening of Avignon Sorgues Carpentras line to passengers from kilometre point 0+475 to kp 16+500**



**Client:**  
Réseau Ferré de France

**Project manager:**  
Setec Ferroviaire - Diadès

**Contractors:**  
Demathieu et bard

**Years:**  
Plannings: 2010 - 2011  
Works: 2013

**Principal features:**  
Restoration of 65 engineering structures and hydraulic structures.

16 selected structures  
Contract price: €250 k exclusive of tax.

**Background**

The French railway network RFF wished to modernise the railway line located in the department of Vaucluse and connecting Sorgues to Carpentras.

This 16-km line will eventually link Carpentras and the fast speed TGV train station at Avignon.

The main objectives of the task are:

- To reinstate the line's original rail speed,
- To sustainably maintain the line in use.

The study looked at various single-span concrete or stone structures with modest apertures (approximately 1 m to 20 m) and at old-generation metal decks.

**DIADES's task**

Within the project management consortium, DIADES was required to provide complete project management (planning + works) of the renovation of engineering structures in order to restore the railways tracks between Sorgues and Carpentras, to include:

- The pre-project,
- Recalculation of existing structures,
- Preparing the specifications for specific additional investigations such as underwater investigations,
- Running specific investigations,
- Running the asbestos and lead diagnosis on existing structures,
- Ranking recommendations according to technical, safety and financial perspectives.
- Project studies,
- Tender documents,
- Assistance in awarding contracts,
- Project conformity assessment and approval of working plans,
- Supervision of works,
- Approval of works upon completion

Complete project management

Running specific investigations (asbestos diagnosis and underwater investigations)

Carrying out complete project management to, firstly, determine the structures' existing capacity to meet the program requirements (replacement of 7 decks), and, secondly, to rank the structures according to their condition and the feasibility of financing the works.