

Repair of category 3U Engineering Structures of the highways agency of Isle-sur-la-Sorgues Management of project studies



Client:
Conseil Général de Vaucluse

Project manager:
DIADES

Contractors:
BONNA SABLA
4M MEREU
DEMATHIEU & BARD

Years:
Planning: 2009 - 2010
Works: 2011 - 2012

Principal features:
Stone structures
Maximum opening 4m
Category IQOA: 3U

Contract price:
€450 k exclusive of tax.

Background

In 2007, the department of Vaucluse carried out an inventory and assessment program in respect of its structures in order to take an inventory report on its stock of structures and to set up a database to assist in the management of these structures.

A program of repairs was launched as a result in respect of a large number of structures within category 3U (IQOA classification).

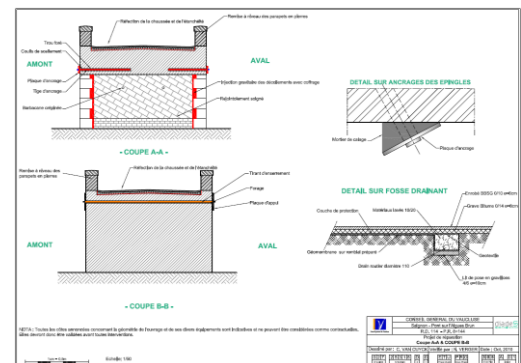
These engineering structures, owned by the highways agency of Isle-sur-la-Sorgues, are stone bridges with serious defects such as mouldings and tympanum walls becoming detached, cracks and fractures, impermeability problems, encroachment of vegetation, and so on.

The stone structures are modest. One of the structures is situated on an exceptional convoy route.

DIADES' mission

DIADES managed the project studies relating to 4 structures, as follows:

- Pre-Project program for each of the 4 structures,
- Repair and reinforcement project for 2 structures,
- Replacement projet for 2 structures,
- Tender documents for the replacement of 2 of the structures by frame bridges.



Repair and replacement of 3U category stone structures

Pre-project studies, project studies and tender document in respect of the replacement of 2 stone structures by a frame bridge.

Pre-project and project studies in respect of the repair and reinforcement of the other 2 stone structures.