

Periodic Detailed Inspection

Tarascon Beaucaire Bridge



**Owner:**

General Council of  
Bouches du Rhône

**Contractor:**

District of Arles  
Directorate of Roads,  
Transport and Equipment  
Technical Services

**Companies:**

Léon Grosse  
Bauland  
Freyssinet International  
Delta Armatures

**Years:**

Studies: 2009 - 2010  
Works : 2000

**Key features:**

Cable-stayed bridge with  
prestressed concrete deck  
Bays: 5  
Length: 409.30m

**Context**

The bridge of Beaucaire Tarascon allows the connection between these two cities spanning the Rhone with a total length of 409.30 m. This construction supports the provincial road 99 to PR 33+135. The guy is in range and two lateral sheets. It has 2 x 4 sheets of 12 guys.

**DIADES missions**

DIADES conducted a detailed inspection mission including periodic visits with specific ways:

- The deck,
- Pillars,
- Guy wires,
- Supports.

This inspection has highlighted the constraints of specific maintenance and service of this exceptional construction.



Specificity of visits

Visiting different parts of this exceptional construction was performed with very specific ways and adapted to the construction morphology:

- Visit of the deck: 15m under-bridge Platform
- Visit of the towers: 40m positive Platform
- Tour support: Motorized boat