



> Waterproofing Systems and Technical Solutions



> Lane widening on the A46 North – Quincieux road (69)

Structural reinforcement by applying LANKOSTRUCTURE® CARBO® strips

Description of the project : Work to widen the A46 in the Lyon sector made it necessary to reinforce the bridge decks by applying carbon reinforcement.

Problem : Adding two traffic lanes required the use of structural reinforcement positioned on the upper surface of the bridge deck. Moreover, the company mandated for the work, TSV, represented by Mr Weisse, was looking for a quick-to-implement solution.

Parexlanko solutions : The solution adopted was the LANKOSTRUCTURE® CARBO® system. This procedure reinforces prestressed or reinforced concrete structures by applying carbon fibre strips using epoxy resin. The aim of reinforcement by application of composite strips is to increase the weight-bearing capacity of the structure.

Initially, the areas of the reinforced concrete elements to be reinforced had to be stripped and dusted. Bubble flaws in the concrete were then repaired by the company.

APPLIED PRODUCTS



- LANKOSTRUCTURE® CARBO®

ALSO

- 725 LANKODILPOX

> LOCATION

Quincieux – France

> CUSTOMER

AREA

> MARKET SEGMENT

Civil Engineering

> SUBSEGMENT FUNCTION

Structural Reinforcement

> YEAR

2014

BRAND

PAREXLANKO

PAREX
Building expertise, together