



FIBRWRAP®

Worldwide Specialized Contractors

FIBRWRAP CONSTRUCTION HELLAS S.A.

Strengthening Structures | Protecting Lives Worldwide.



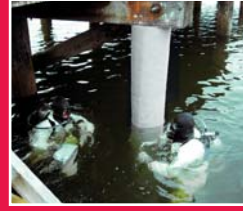
Transportation



Buildings



Pipelines



Waterfront



Industry



Structural Strengthening of Xerias River Motorway bridge, Argirokastro, Albania

Xerias River Bridge is located on the 3km of the main road connecting Greek-Albanian borders with the city of Argirokastro.

The bridge was built around 1980. The project was funded by the European Union framework for upgrading Albanian highways. Project management by Egnatia Odos SA.

Low construction quality and harsh environmental conditions resulted in extended damages of steel rebar corrosion and concrete carbonation at the main girders.

A technical proposal was prepared with detailed specifications for the repair and structural strengthening of the bridge and performed the work as subcontractor to the construction J/V.

Main works: removing unsound concrete, clean corroded rebars with sandblasting, protection of steel rebars with corrosion inhibitors and repair epoxy mortars, rehabilitation of the girders section with shotcrete or repair mortars, application of Tyfo® Fibrwrap® System on all girders for strengthening and further corrosion protection.

Project duration was only 15 days due to short application time of the Tyfo Fibrwrap® System.

Project: Structural Strengthening of Xerias River Motorway bridge

Location: Argirokastro, Albania

Client: Egnatia Odos SA

Contract Duration: 15 days

Scope of Works:

- Structural Strengthening and Repair of girders

