



FIBRWRAP®

Worldwide Specialized Contractors

FIBRWRAP CONSTRUCTION HELLAS S.A.

Strengthening Structures | Protecting Lives Worldwide.



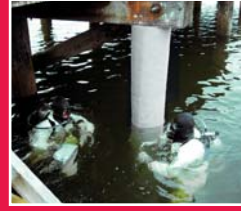
Transportation



Buildings



Pipelines



Waterfront



Industry



Structural strengthening of a Highway Bridge, Thessaloniki, Greece

A bridge pier and twenty-four (24) prestressed beams (31m long) of the bridge connecting Egnatia Highway with the commercial port of Thessaloniki in northern Greece were in need of strengthening due to changes during construction.

Fibrwrap Contractors PPC made the application according to a design where the Tyfo Carbon Fibrwrap Systems was the material of choice. Specifically the Tyfo SCH-41 and Tyfo SCH-11UP with Tyfo S-Epoxy were applied at the two columns of the pier and Tyfo SCH-11UP with Tyfo S-Epoxy at the beams. The whole application of 400 sq.m., was completed in 12 days including the application of epoxy based protective coating for UV radiation.

Project: Structural strengthening of a Bridge pier and 24 prestressed beams.

Location: Thessaloniki, Greece

Client: Aktor S.A.

Contract Duration: 12 days

Scope of Works:

- Structural Strengthening of a Highway Bridge Pier and Beams

