



FIBRWRAP®

Worldwide Specialised Contractors

FIBRWRAP CONSTRUCTION UK Ltd.

Strengthening Structures | Protecting Lives Worldwide.



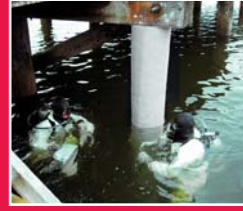
Transportation



Buildings



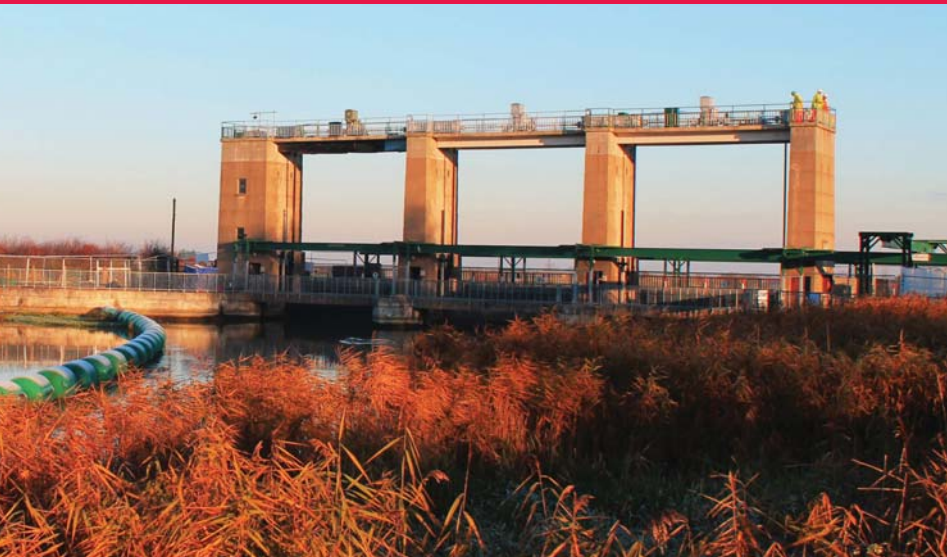
Pipelines



Waterfront



Industry



Structural Strengthening of AG Wrights Sluice Gates, Denver, Norfolk.

The inlet sluice, which controls flood water from the river Cam and the Fens to the flood relief channel of King's Lynn, was built in 1957. There are six simply supported concrete beams spanning between three towers that are showing signs of failure in both flexure and shear.

Fibrwrap UK strengthened these six beams using its unique Tyfo Advanced Fibrwrap Systems. The high strength, lightweight system is perfect for carrying out these kinds of repairs, which are difficult to access over water. The project took four weeks and was part of a full refurbishment contract by Birse Civils on behalf of The Environment Agency.

Project: Structural Strengthening of AG Wrights Sluice Gates

Location: Denver, Norfolk, UK

Client: Birse Civils on behalf of The Environment Agency

Contract Duration: 4 weeks

Scope of Works:

- Shear Strengthening using Tyfo SHE-51A.
- Flexural Strengthening with Tyfo SCH41 (S).
- Final coat of Polyurethane paint (2 coats)

"Fibrwrap UK proposed a unique solution that we had never come across before. However their high strength, lightweight system is perfect for carrying out these kinds of repairs especially in areas that were difficult to access"

"The project had its difficulties due to the works being carried out mid-winter, but the guys at Fibrwrap did a great job overall"

Chris Gill
Birse Civils

