



Project: Falmouth Pier

Client: Carrick District Council

Concrete Repairs

Main Contractor: Symons Construction

Date: February 2008



The Problem

Years of exposure to the marine environment had caused serious deterioration to these concrete beams and columns. Large areas of spalling concrete with steel reinforcement exposed and cracking was evident throughout the structure.



View showing defective beams in the foreground and shutters fitted for re-casting towards the rear



View showing repaired section



View showing beams prior to repair

The Solution

Due to cost implications and budget restrictions, a long term plan was developed where 2 bays were renovated each year over a five year plan.

Removal of deteriorated concrete, cleaning and/or replacement of reinforcement steel bars and repairing or re-casting of concrete sections was carried out.

PRODUCTS:

Structural Repairs

BASF Emaco S88C Mortar

BASF Emaco S103

Concrete



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