



## PROJECT EXPERIENCE

### DUN LAOGHAIRE HARBOUR UNDERWATER CONSTRUCTION INSPECTION

An underwater video inspection of St. Michaels Pier at Dun Laoghaire Harbour, Ireland, was carried out in 2003 and showed defects/deterioration of piles in need of repair. Moylan Consulting Engineers designed the repair plans and appointed CEI Collins Engineers Ltd. to carry out supervisory services of the underwater construction.

Collins' work included overseeing the underwater contractor to verify that all repair works were being carried out in accordance with the contract documents, taking measurements, liaising with the design engineer, providing weekly reports, and documenting all site activities. Collins' engineer-divers provided underwater construction observation, and visual and tactile inspection of approximately 30 piles using scuba equipment in water depths of five to ten metres.

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