

## CASE STUDY

# RHYL COASTAL DEFENCE

#### Flood Defence

#### CLIENT D MORGAN LIMITED

CONTRACT NO. C21612

### PROCESS KOWAN ZU100 / ABI TM 14/17 TELESCOPIC LEADER RIG

SPI Piling Ltd, were employed for the Central Rhyl Coastal Defences Scheme (herein referred to as 'the Scheme') is a design and build scheme being delivered by Balfour Beatty Civil Engineering Limited (BB) for Denbighshire County Council (DCC). Mott MacDonald Ltd (Mott MacDonald) has been commissioned by BB to support with the development and delivery of the Scheme.

The Scheme, located in the central area of Rhyl waterfront, Denbighshire, North Wales, is dependent on obtaining sufficient funding and comprises coastal defence works in the form of scour protection, stepped concrete revetment, promenade raising, seawall works, access and promenade improvements, and associated tie-in works.

The new Scheme is to include the following key coastal works:

The construction of approximately 1.45km of scour protection and concrete repairs, from Splash Point to the SeaQuarium. The scour protection will consist of rock armour being placed at the toe of the existing coastal defence structures. The construction of approximately 750m of new concrete stepped revetment, from the SeaQuarium to opposite Drift Park.

New pedestrian beach accesses through the proposed revetments to replace existing steps and extension of existing beach accesses through the rock armour scour protection.

The protection and extension of existing outfalls that would be covered by the new revetment and promenade works.

























