

Band 1 Marine Licence Method Statement

A minor work remit has been requested by Network Rail to reinstate missing sections of concrete apron and rectify trips in the walkway at Llanfairfechan.

The site is located alongside the CNH3 railway line at 230m 484 yards.

Ordnance Survey grid reference: SH 69644 76121

Latitude, Longitude (decimal)

53.26602, -3.95595

North Wales Expressway, Penmaenmawr, Conwy, LL33 0PT

The work remits consist of the following:

- Minor concrete repairs to missing sections of concrete apron

Methods of Working

1. Access:

- Park at access point on landward side at adjacent car park.
- Access onto the beach through pedestrian access.
- Use a hand trolley to transport all tools and materials to works location.

Methodology

1. Drill, fix and resin rope access eyes along the sea wall and insert a safety wire to create a life line for operatives working.
2. Operatives to wear harness and clip into safety wire, creating a restraint system to prevent a fall from height.
3. A centre line from apron to apron will be marked and dowel bars drilled along this line at even spacing's.
4. Lacer bars will be steel tied top and bottom allowing for sufficient concrete cover.
5. A wooden shutter will be installed to match the dimensions of the existing Apron.
6. Fast set marine grade concrete will be mixed in the adjacent yard away from the sea wall and taken to site in buckets on the wheeled trolley.
7. Concrete will be placed in the shutter using a tremmie, as not to spill concrete on the seawall during installation and finished to match the existing apron.
8. Once cured, the concrete shutters will be removed and taken away from site.
9. Where there are trip hazards (concrete has washed away from walkway), areas will be cut square to obtain a decent depth edge.
10. Expamet (stainless steel mesh) will then be screwed to the bottom of the trench to act as re-enforcing.
11. Quick set marine grade concrete will be poured into the trench and floated to meet the existing levels present.

MWC1052 – Llanfairfechan Method Statement

Llanfairfechan Photographs



Concrete apron missing
sections of concrete





Trip hazards – missing concrete in walkway