RE: 1219_WAL_MPH - Tidal Flap Replacement (Mostyn)

harbourmaster@deeconservancy.org <harbourmaster@deeconservancy.org>

Mon 15/07/2024 11:34

To:Daniel Overson <danieloverson@mphconstruction.co.uk>
Cc:Mark Shone <markshone@mphconstruction.co.uk>;dawn.beech@cyfoethnaturiolcymru.gov.uk <dawn.beech@cyfoethnaturiolcymru.gov.uk>;harbourmaster@portofmostyn.com <harbourmaster@portofmostyn.com>

Daniel

Many thanks for sight of the proposed works options paper, I have reviewed the proposals as Harbour Master for the Dee Estuary I can confirm that the work (any option) will not have a direct impact of the Conservancy from a safety of Navigation perspective, however once a final option is selected I would wish to see details of your method statement and Risk assessment, to ensure that you have adequately addressed beach working in particular access and egress managing the tides, this assumes that works will not involve working afloat (please confirm) and that you have agreed beach access arrangements with Port Of Mostyn Harbour Master.

Kind regards

Graeme

Capt. Graeme Proctor
Harbour Master
Dee Conservancy.

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From: Daniel Overson <danieloverson@mphconstruction.co.uk>
Sent: 09 July 2024 16:54
To: harbourmaster@deeconservancy.org; dawn.beech@cyfoethnaturiolcymru.gov.uk
Cc: Mark Shone <markshone@mphconstruction.co.uk>
Subject: 1219_WAL_MPH - Tidal Flap Replacement (Mostyn)

Afternoon,

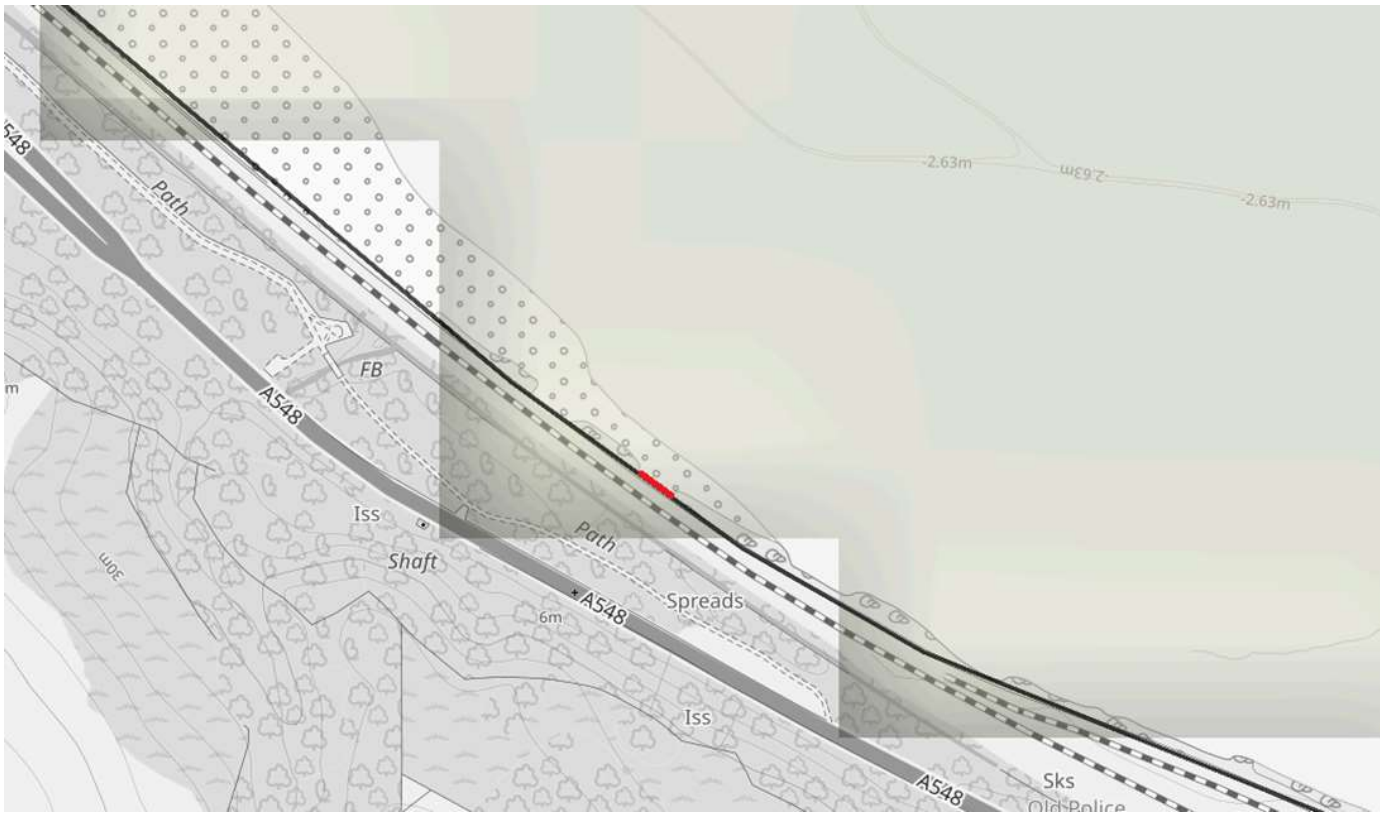
We are a principal contractor working on behalf of Network Rail & have submitted a Marine License application for the below works and have been advised that we need to consult with yourselves prior.

There is a significant issue with sediment build up, causing a tidal flap to be unable to operate (see exam report attached), in turn this is causing flooding to the adjacent road during storm events.

We have therefore complied the attached options report to rectify the issue. Network Rail have opted for the replacement of the existing tidal flap with a duck bill valve (Option 1), as this should allow water pass through the system whilst being buried in sediment.

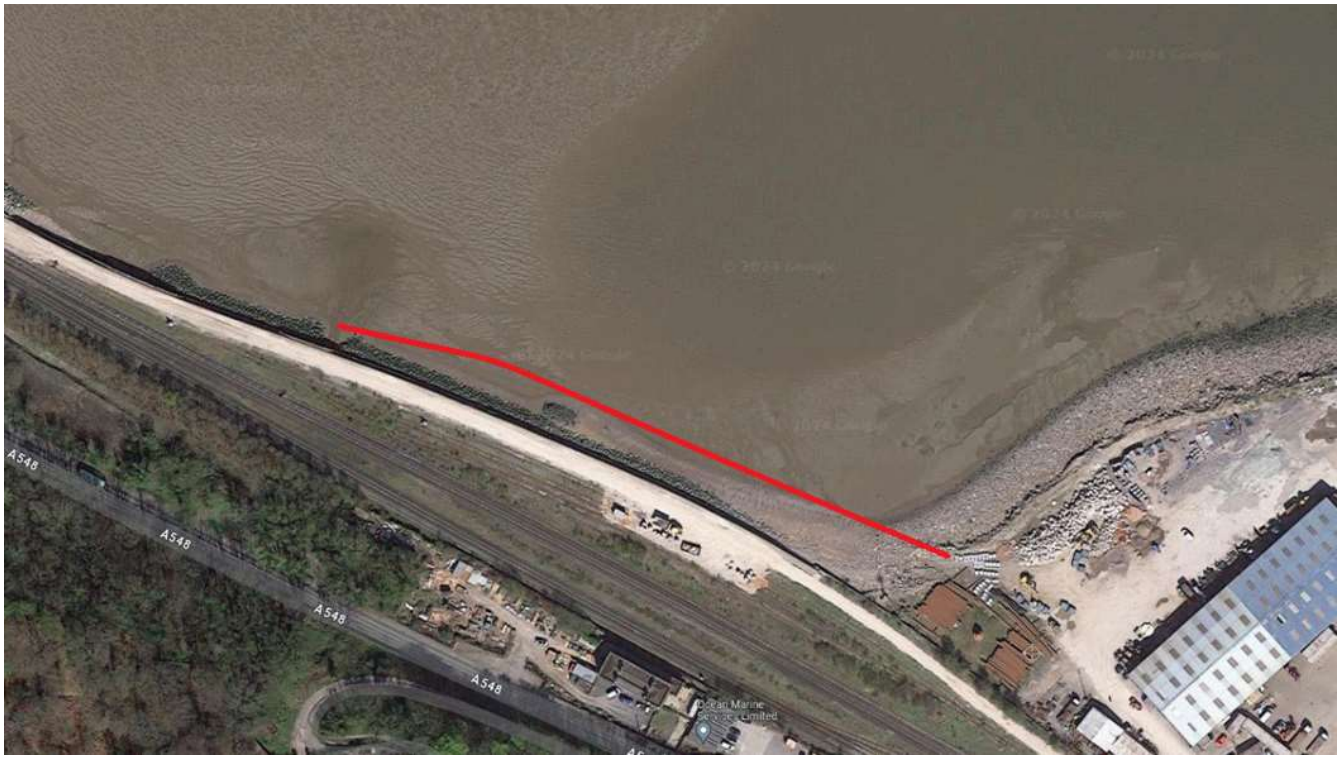
OS Ref: SJ 15117 81232

Location of the proposed works in shown below on the Marine Planning Portal:



In addition to this, prior to the progression of the detailed design for this scheme, we have a requirement to fully excavate the tidal flap to allow us to get the correct dimensions.

This would involve tracking an excavator via the route detailed below, and clearing the material in front of the tidal flap, the material would be then reinstated to pre-work condition.



Could you please confirm whether either of the activities detailed below are likely to affect yourselves of the safety of others?

- Initial visit with excavator to clear / reinstate material in front of the tidal flap.
- Removal of existing tidal flap and replacement with new proposed duckbill valve.

Thanks in advance for your assistance.

Regards,

Daniel Overson

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