

Nea Christian

From: O'Malley Vincent
Sent: Tuesday 15 October 2019 09:58
To: Nea Christian
Subject: RE: Re. Reactive Maintenance works at Croaghaun Bridge (MO-N59-025.00)

Christian,
Having reviewed the attachments, I am happy to accept the reasoned determination as set out below.
Sincerely
Vincent

Dr. Vincent O'Malley,
Head of Environmental Policy & Compliance,
Parkgate Business Centre,
Parkgate Street,
Dublin,
D08 DK10,
Ireland,

www.tii.ie

From: Nea Christian [REDACTED]
Sent: Friday 11 October 2019 15:25
To: O'Malley Vincent [REDACTED]
Subject: FW: Re. Reactive Maintenance works at Croaghaun Bridge (MO-N59-025.00)

Vincent,

Having reviewed Paul's email below and having regard to the extremely minor nature of the works and the significant distance to any European sites, I recommend that the following reasoned determination can be made:

Having performed screening for Appropriate Assessment in respect of the proposed reactive maintenance works detailed in the email received from Paul O'Donoghue PhD dated the 11th of October, 2019, and entitled 'Re. Reactive Maintenance works at Croaghaun Bridge (MO-N59-025.00)', I accept the recommendations of Atkins Limited that the proposed reactive maintenance works, individually or in combination with other plans or projects, would not be likely to have a significant effect on any European site in view of the best scientific knowledge and the site's conservation objectives. I determine that an Appropriate Assessment of these proposed works is not required, as it can be excluded on the basis of objective scientific information following the screening done that the proposed works, individually or in combination with other plans or projects, will have a significant effect on any European site.

Kind regards,

Christian.

From: O'Donoghue, Paul [REDACTED]
Sent: 11 October 2019 15:01
To: Nea Christian [REDACTED]
Cc: O'Malley Vincent [REDACTED]; Sweeney, Niamh [REDACTED]
Subject: Re. Reactive Maintenance works at Croaghaun Bridge (MO-N59-025.00)

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Christian

Re. Reactive Maintenance works at Croaghaun Bridge (MO-N59-025.00)

It is proposed to repair a section of damaged spandrel wall at Croaghaun Bridge (see image 2281 – attached photos). This failed section of masonry shall be deconstructed and reconstructed in its current position, beside the watercourse. Stone would be salvaged from the area and reused in so far as is practical. Where needed additional stone, matching that on site, may be imported for use. The area will be cleared back, with any debris / vegetation removed. It will then be rebuilt using lime mortar (NHL5). There is no requirement for shuttering or use of liquid cement on the river side of the bridge. Works will be largely restricted to the spandrel wall, with limited work to the arch - with only as much stone removed as required from the adjacent sound material to allow an aesthetic tie-in.

No foundation works are required on the riverbank. However, an excavation shall be made down through the road carriageway around a foot behind the wall; this will then be filled with concrete to provide support before the masonry wall is deconstructed. After the wall is rebuilt, the gap between the back of the wall and this concrete shall also be filled with concrete. There is, however, very little possibility that wet concrete could end up on the outer side of the masonry wall at any point.

The Contractor may need to use a small platform to reach the upper courses of stone; it should, however, be possible to erect this on the riverbank.

For safety, the arch shall be supported during the works as a precautionary measure using props – however, the supports shall be sitting on the protruding ‘steps’ that can be seen at the bottom of the arch barrel just above water level on Photo 2282 – i.e. not in the river.

The bridge is not with an SAC or SPA. It is on a small stream (Owenmore[Mayo]_SC_030) which emerges from neighbouring woodland and flows westwards towards Tullaghan Bay to the southeast of Blacksod Bay. Tullaghan Bay is within Blacksod Bay/Broadhaven SPA (004037); but is not part of Mullet/Blacksod Bay Complex SAC (000470). Tullaghan Bay is also designated as Tullaghan Bay and Bog NHA (001567).

No freshwater pearl mussel are recorded from the watercourse. No records of invasive species at this location. The spandrel wall on the bridge does not provide suitable conditions to support roosting bats.

Atkins Findings -

This Screening for Appropriate Assessment report is based on the best available scientific information. It is concluded that the proposed project poses no likely significant effects on Natura 2000 sites. Thus, it is recommended that it is not necessary for the proposed project to proceed to Appropriate Assessment.

Findings of TII Appropriate Assessment -

Can you please provide a Reasoned Determination?

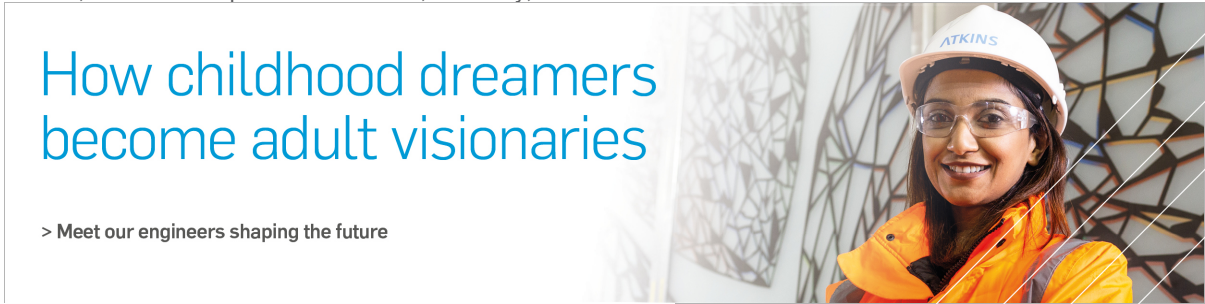
Regards

Paul

Paul O'Donoghue *PhD CEnV MCIEEM*
Principal Ecologist / Environmental Scientist
Ireland
Environment



Atkins, member of the SNC-Lavalin Group
Unit 2A, 2200 Cork Airport Business Park, Cork City, Ireland



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