
From: O'Malley Vincent
Sent: Tuesday 18 May 2021 22:23
To: Chamberlain Greg
Cc: Nea Christian
Subject: RE: Re. GC-N63-016.00 (Cloonlyon River Bridge) [Reactive Maintenance]

Hi Greg,
Having reviewed the content of the email from Atkins, I accept the reasoned determination as set out below.
Sincerely
Vincent

From: Chamberlain Greg [REDACTED]
Sent: Tuesday 18 May 2021 09:41
To: O'Malley Vincent [REDACTED]
Cc: Nea Christian [REDACTED]
Subject: FW: Re. GC N63 016.00 (Cloonlyon River Bridge) [Reactive Maintenance]

Vincent

Having reviewed Paul's email below and having regard to the nature of the works, 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 dated the 14th May, 2021, and entitled Re. GC-N63-016.00 (Cloonlyon River Bridge) [Reactive Maintenance] I accept the recommendations of Atkins 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

Greg

From: O'Donoghue, Paul [REDACTED]
Sent: Friday 14 May 2021 14:59
To: Chamberlain Greg [REDACTED]
Cc: Nea Christian [REDACTED]; Gegan, John [REDACTED]; Jennings, Martin [REDACTED]
Subject: Re. GC N63 016.00 (Cloonlyon River Bridge) [Reactive Maintenance]

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Greg

Re. GC-N63-016.00 (Cloonlyon River Bridge) [Reactive Maintenance]

Cloonlyon River Bridge is on the N63 Regional road to the southwest of Ballygar, Co. Galway; as shown below.

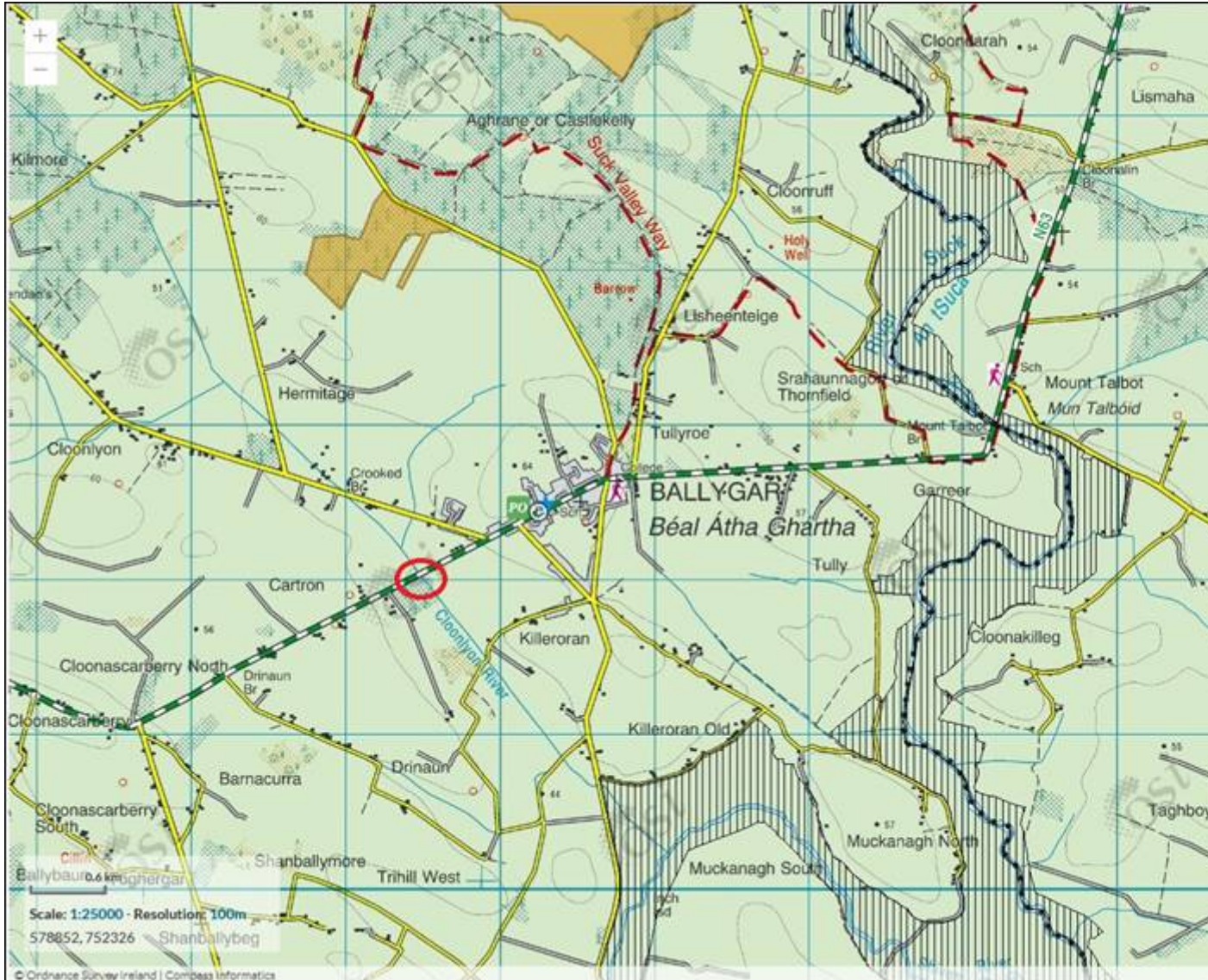


Figure 1 Location of GC-N63-016.00 (Cloonlyon River Bridge) (Source: NBDC).



Plate 1 – Single arch masonry bridge (taken during Year 3 surveys). Plate 2 – underside of bridge.

Description of Damage & proposed remediation:

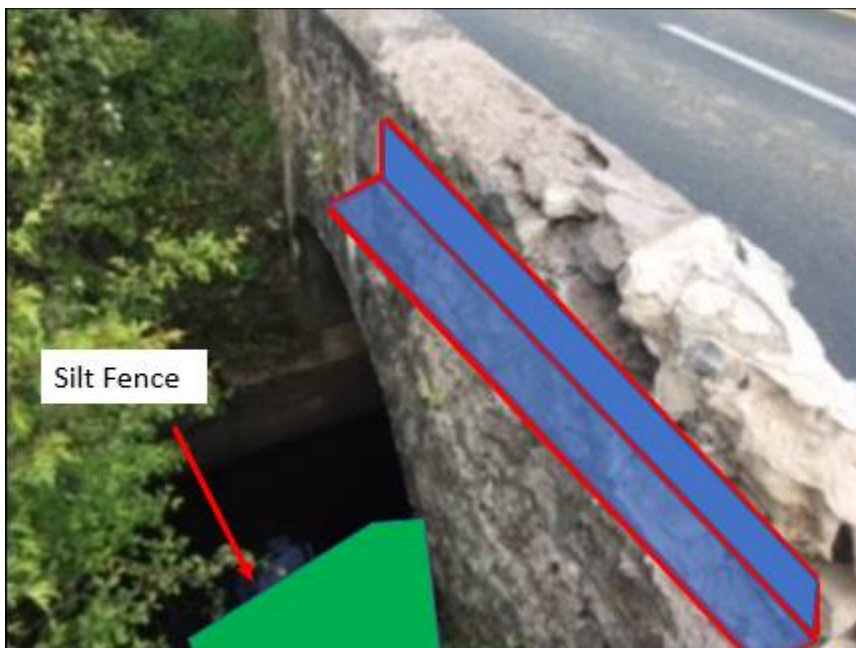
The Contractor has been requested to draw up a Reactive Maintenance Proposal to remediate the vehicle impact damage to the end section of the northwest masonry wingwall at GC-N63-016.00 (Cloonlyon River Bridge). Please refer to accompanying photographs for details of damage caused by the impact. The end section of the northwest wingwall has been demolished from just above ground level with the resultant masonry debris lying on the adjoining northwest river embankment; with no debris visible in the watercourse. The extent of damage that warrants masonry repairs measures 2000mm in length x 500mm high (average) x 450mm thick. A concrete finish to cap the repaired wall is to be provided over a length of 3000mm to match the existing capping. Some minor crash debris on the roadside of the wall and also lying on northwest embankment will also be removed.

The damaged wall is to be deconstructed to stable material, and then fully reconstructed using hand tools to tie in with the existing wall utilising the existing non-defective stone masonry facings salvaged from the embankment or if not possible, new locally sourced stone masonry to match existing wall, and lime mortars. There is no requirement for instream works and no works over water.

The mortar will be mixed away from the structure to prevent contamination of the watercourse. All damaged masonry sections not suitable for re-use and other debris resulting from the damage will be collected and disposed of off-site. None of the construction works will take place directly above the watercourse but as a precautionary measure fencing will be erected adjoining the works in order to prevent any material falling into the river. It is not anticipated that there would be any runoff from the proposed works to the river.

The parapet will be rebuilt up to capping level, a small shutter will be fixed to the rebuilt parapet and the sand cement capping will be placed by hand. The shutter will be constructed with a boot to catch any overspill and a fence setup on the embankment to prevent any further debris entering the Watercourse.

Works will take 2 days to complete.



Ecology:

The bridge is a single span structure over the Cloonlyon River, a tributary of the Shiven River, which in turn discharges to the River Suck. The bridge is 1.8km from the River Suck Callows SPA (004097). The qualifying interest of the SPA are: -

- Whooper Swan (*Cygnus cygnus*) [A038]
- Wigeon (*Anas penelope*) [A050]
- Golden Plover (*Pluvialis apricaria*) [A140]
- Lapwing (*Vanellus vanellus*) [A142]
- Greenland White-fronted Goose (*Anser albifrons flavirostris*) [A395]
- Wetland and Waterbirds [A999]

These are all wintering birds species. Works would take place as soon as possible and outside the window when these species occur. There will be no impacts to wetlands associated with the River Suck Callows SPA.

There are historic records of Otter (*Lutra lutra*) from the Cloonlyon River from 1980 (Source: NBDC; Otter survey of Ireland 1982 - Vincent Wildlife Trust). While there are old records of white-clawed crayfish (*Austropotamobius pallipes*) at Mount Talbot Bridge on the River Suck (M812529; Source: NBDC), there are no records from the Cloonlyon Stream. There are no records of Japanese knotweed (*Fallopia japonica*), Himalayan knotweed (*Persicaria wallachii*), Himalayan balsam (*Impatiens glandulifera*), or Giant hogweed (*Heracleum mantegazzianum*) at the bridge location.

The wingwall which is to be repaired is not suitable for use by roosting bats. The bridge is not located within a *Margaritifera* sensitive area. As noted, no instream works are proposed.

Atkins Findings -

This Screening for Appropriate Assessment is based on the best available scientific information. It is concluded that the proposed project poses no likely significant effects on Natura 2000 sites, either alone or in combination with other projects. 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?

Paul

Paul O' Donoghue *BSc PhD CEnV MCIEEM*
Associate Director, Ecology
Ireland



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