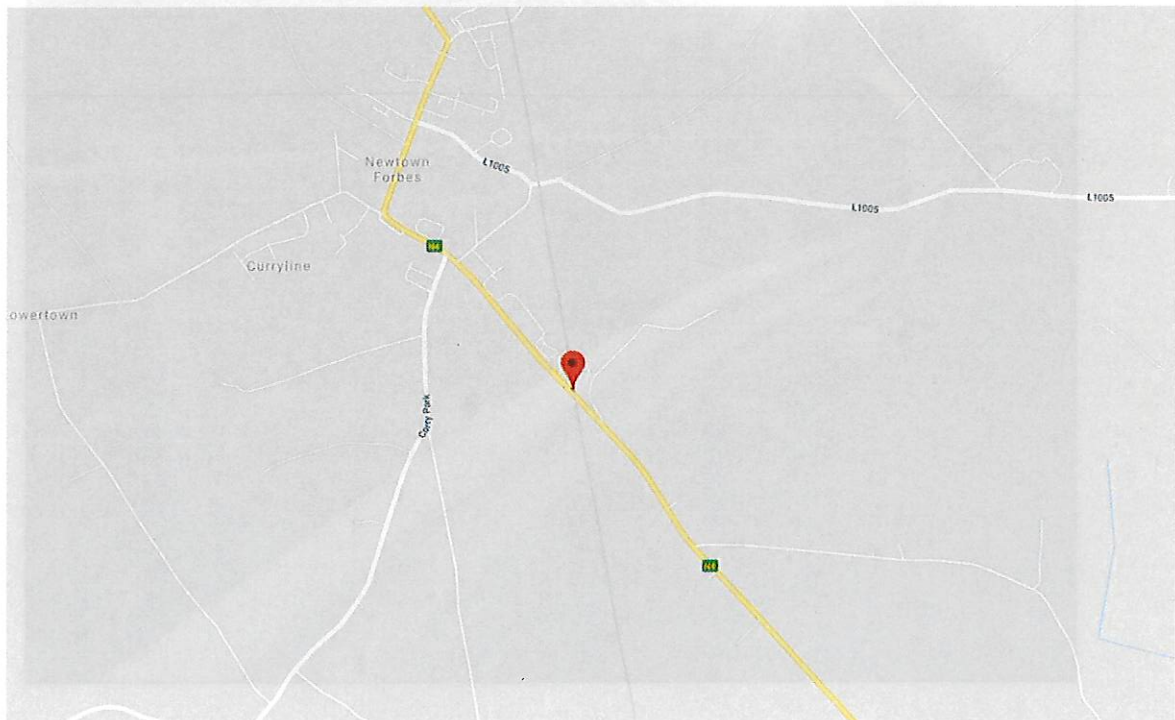


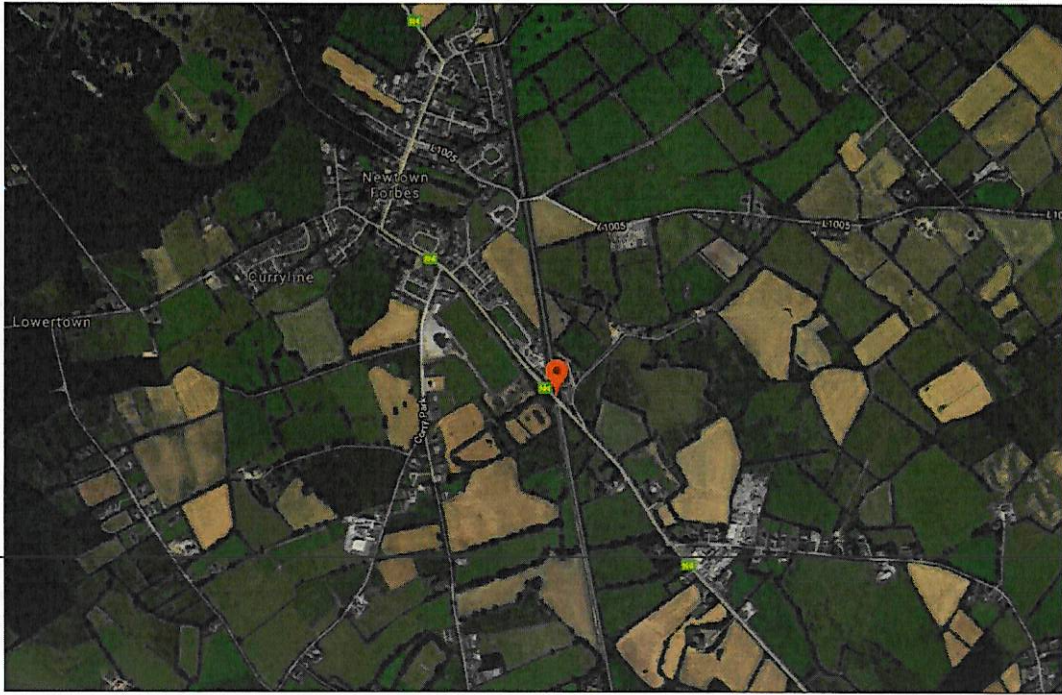
Leinster Bridges Reactive Maintenance

To	: Aidan Farrell Peter King Christian Nea Vincent O'Malley Liam Duffy Nino Belarmaric John Briody
From	: Patrick O'Shea
Date	: 28 th November 2018
Structure ID	: LD-N04-003.00
Structure Name	: Lamagh Bridge
Subject	: Appropriate Assessment Screening Report

1. Maps

Bridge carrying the N4 over railway track outside Newtown Forbes, Co. Longford.





2. Photographs



Plate 1. Damage to transition area



Plate 2. Damage to parapet

3. Proposed Works

Screening for Appropriate Assessment was carried out for the following routine maintenance works by TII on the 1st August 2018. The routine maintenance works included the following elements:

- Reseal footway gaps.
- High pressure hosing of parapets, safety barriers and abutments.
- Pitch painting steep bases.
- Removal of vegetation from 1 m of wingwalls.

Following vehicular impact to the transition area composed of posts & rails and on VGSH 4004 Sheeted and Coping Parapet on the northeast, the reactive works proposed in this report are;

- Replace 2 no wire ropes and 4 no associated plates
- Replace 2 no guardrails (l=4.70 m each) with 3 waves in transition zone (posts to be redriven in ground)
- Replace 1 no coping profile at the end of solid infill
- Replace 1 no solid infill sheet at the end of solid infill
- Replace 1 no cover plate on the approach side (inside) of parapet
- Replace 3 no brackets from the inside of parapet

4. Appropriate Assessment Screening

The Natura 2000 sites within 15 km of Lamagh Bridge are:

- Lough Forbes Complex SAC (001818)
- Ballykenny-Fisherstown Bog SPA (004101)
- Brown Bog SAC (002346)
- Clooneen Bog SAC (002348)
- Mount Jessop Bog SAC (002202)
- Lough Ree SAC (000440)
- Lough Ree SPA (004064)

Lamagh Bridge is located 1.4 km east of the Lough Forbes Complex SAC, 1.4 km east of the Ballykenny-Fisherstown Bog SPA, 3 km north-east of the Brown Bog SAC, 5.5 km south-east of the Clooneen Bog SAC, 8.5 km north of the Mount Jessop Bog SAC, 14.4 km north-east of the Lough Ree SAC and SPA. There are no hydrological pathways between the bridge and any of these Natura 2000 Sites, therefore, there is no risk of impacts on these sites.

5. Ecological Constraints

Other Designated Sites

The table below list the designated sites, other than Natura 2000 sites, within 15 km of Lamagh Bridge.

Site Name	Location relative to Lamagh Bridge
Lough Forbes Complex pNHA	1.4 km west
Brown Bog pNHA	3 km south-west
River Rinn NHA	4.2 km north-west
Royal Canal pNHA	4.4 km south-east
Carrickglass Demesne pNHA	5.1 km south-east
Cloonageeher Bog NHA	5.3 km north
Clooneen Bog pNHA	5.5 north-west
Derrymore Bog pNHA	7 km south-east
Aghnamona Bog NHA	7.6 km north-west
Mount Jessop Bog NHA	8.1 km south
Lough Boderg and Lough Bofin pNHA	10.2 km
Corracramph Bog NHA	10.5 north-west
Cashel Bog (Leitrim) NHA	10.5 north-west
Lough Bannow pNHA	12.2 south-west
Kilglass And Grange Loughs pNHA	14.2 north-west
Lough Ree pNHA	14.4 south-west
Lough Bawn pNHA	14.5 km south

Freshwater Pearl Mussel

Lamagh Bridge is not hydrologically connected to any watercourse.

Bats

Lamagh Bridge has no features which could be used by roosting bats.

Invasive Species

Japanese Knotweed 50 m west of bridge, currently being treated.

Other Ecology Notes

None.

6. Impact Assessment

Impacts During Construction

As shown in the tables above, there is no potential for impacts on the Qualifying Interests of the Lough Forbes Complex SAC, the Ballykenny-Fisherstown Bog SPA, the Brown Bog SAC, the Clooneen Bog SAC, the Mount Jessop Bog SAC, the Lough Ree SAC and the Lough Ree SPA.

Impacts During Operation

There is no hydrological link from the bridge and therefore, there will be no risk of ongoing pollution or disturbance as a result of the works. Therefore, there will be no impacts of the proposed works during operation.

7. Conclusion

Based on the information provided above and considering the location and sensitivities of the Qualifying Interests of Natura 2000 Sites, Roughan & O'Donovan can advise TII, as the competent authority, to conclude that the proposed works will not lead to likely significant effects on the Lough Forbes Complex SAC, the Ballykenny-Fisherstown Bog SPA, the Brown Bog SAC, the Clooneen Bog SAC, the Mount Jessop Bog SAC, the Lough Ree SAC, the Lough Ree SPA or any other Natura 2000 Site.

Having performed screening for Appropriate Assessment in respect of the proposed reactive maintenance works detailed in this document entitled *Appropriate Assessment Screening Report* relating to Lamagh Bridge, County Longford, I accept the recommendations of Roughan & O'Donovan Consulting Engineers 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.

 03/12/2018

Dr. Vincent O'Malley
Head of the Environmental Policy and Compliance Section
Transport Infrastructure Ireland

