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Marine Licence Application for Isle of Eriska Bridge
May 2025

Appendix A: Schedule of Works

Introduction

The Isle of Eriska is accessed via the Isle of Eriska Bridge. This is a privately owned road bridge constructed around 1900. The bridge provides the sole means of vehicular access to the island. The bridge comprises of two 74ft spans. The main members are wrought iron trusses which support a steel and timber deck. The bridge abutments and central pier comprise of masonry.

Figure 1: Eriska Bridge Aerial Overview

Figure 2: Eriska Bridge Elevation

Figure 3: Eriska Bridge Location on an OS Map

A Marine Licence does not appear to have ever existed for the bridge. It is planned to undertake a programme of works to the bridge over the next ten years. This programme is outlined in this document.

Schedule of Work

The proposed works comprise both routine maintenance and inspection and larger projects. Works to replace the bridge deck and the supporting members are a priority with this work planned for late 2025 and early 2026. Thereafter, additional work is likely to be undertaken over the coming years to maintain the bridge in good condition. The extent of work envisaged is outlined as follows:

Replacement of Bridge Deck including Supporting Members	
Description of Works	Remove existing corroded steel members (cross beams, longitudinal beams and bracing) and replace them with new galvanised and painted steel members.
Equipment used	• Full scaffold creating temporary working platform suspended from bridge • Telehandler for cranage • Metal cutting equipment • Various hand tools • Temporary access bridge to maintain emergency access
Method Statement	1. Install scaffolding below bridge 2. Close bridge to all traffic 3. Working in short sections, remove existing deck boards and kerbs 4. Prepare the existing steel supporting members to cut and remove 5. Install new replacement steelwork 6. Install new deck members 7. Reopen bridge to traffic 8. Remove scaffolding
Mitigations Proposed	1. Access scaffolding will be designed, and all works methodologies planned to prevent materials or equipment entering marine environment. 2. Replacements members will be fully fabricated and painted offsite.
Materials/Waste	1. All existing deck boards and kerbs are to be removed offsite and recycled 2. All redundant steelwork and timber will be removed offsite and recycled

Masonry Repairs	
Description of Works	Vegetation that has taken root within the masonry abutments and pier will be removed. Following this masonry will be repointed.
Equipment used	• Access platform • Various hand tools
Method Statement	1. Erect access platform 2. Remove all vegetation that has taken root in the masonry 3. Re-point the masonry sections where there has been damage 4. Remove access platform
Mitigations Proposed	1. Access platforms will be designed, and all works methodologies planned to prevent materials or equipment entering marine environment.
Materials/Waste	1. Waste materials will be removed off site for recycling

Installation of Proprietary Bearings	
Description of Works	Installation of new bearings for the bridge on the abutments and pier.
Equipment used	• Access platform • Jacks • Various hand tools
Method Statement	1. Once the existing steelwork has been removed prepare the abutments and pier for the installation of the bearings 2. Install new bearing pads and bearings for the new steelwork to be situated on
Mitigations Proposed	1. Access platforms will be designed, and all works methodologies planned to prevent materials or equipment entering marine environment.
Materials/ Waste	1. All waste taken off the masonry should be removed off site and properly disposed of 2. Excess materials should be taken off site and recycled where possible

Refurbishment of Trusses	
Description of Works	Refurbishment of the main trusses comprising metalwork repairs and re painting.
Equipment used	• Access platform • Various hand tools
Method Statement	1. Organise traffic management if required 2. Erect access platform 3. Erect containment to the working area 4. Remove existing paint by rubbing down 5. Undertake repairs to metalwork 6. Repaint working area 7. Remove access platform 8. Remove traffic management

Mitigations Proposed	1. Access platforms will be designed, and all works methodologies planned to prevent materials or equipment entering marine environment.
Materials/Waste	1. Waste materials will be removed off site for recycling

Routine Inspections	
Description of Works	Structural inspections to assess the condition of the bridge
Equipment used	• Access platform • Various hand tools
Method Statement	General inspections will be completed periodically as part of the bridge maintenance programme. These works will not create the potential for material to enter the marine environment. Inspections will be carried out from the bridge deck, access platforms, the bridge abutments and surrounding land.
Mitigations Proposed	Inspections are non-intrusive works so no material will enter the marine environment.
Materials/Waste	None generated.