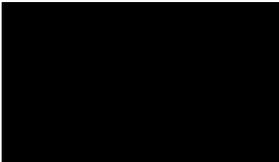


ELR: AGB	Structure No: 3	Mileage: Unknown	Examination date: 24/04/20
Route: Gullane to Longniddry			OS ref: NT483797
Name: Luffness Mains			Type: Overbridge

<p>General view of structure: East elevation</p> 	<p>Examiner comments:</p> <p>Services There is no evidence in the HE (HRE) 2015 Health and Safety File, previous examination reports or as noted on site to confirm the presence of any statutory services affecting the structure.</p> <p>Access Route to Structure –private road off A6137 access farm gate west of structure</p> <p>Site Issues and Impediments to carrying out repairs, DE’s or other works- Ladders</p> <p>Date of Last Examination – 01/05/19</p> <p>Structure Examined within 12 months – Yes</p> <p>Reason for Exceeding 12 month’s interval – None</p>
<p>A Monitor Examination of this structure has been carried out and any deterioration in condition or development of defects or other factors, which might place at risk the public at large, is recorded in the Examiner’s Comments section of this document.</p>	
<p>Access Hazards: Road traffic, working at height, Lead paint</p>	
<p>Recommendations:</p> <p>Repair holed sections of main girder web at NE bearing, cross girder web at SW bearing and deck at SW bearing - P1 £10k. Rebed displaced SW capstone - P1 £500.</p>	
<p>Signed by Examining Engineer:</p>	

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Examiner Comments on Structure Condition:

STRUCTURE

Single span, steel parapet main girders, cross girders, plate deck, masonry abutments, wing walls and pilasters

PARAPET MAIN GIRDERS

East elevation, moderate to severe corrosion at bearing on both abutments. Slight to moderate surface corrosion over 100% of area. Web plate holed at south elevation Ph No6 - Ph No9

West elevation, moderate to severe corrosion at bearing on both abutments. Slight to moderate surface corrosion over 100% of area. Bottom flange notched at bearing on South elevation bearing plate Ph No10 - Ph No12

CROSS GIRDERS

Moderate to severe corrosion to bottom flanges at random intervals throughout area. Ph No13

Web plate holed at South west bearing on abutment at West elevation parapet main girder Ph No14

PLATE DECK

Moderate to severe corrosion at connection with main girders / cross girders

Plate deck holed at West elevation parapet girder Ph No15

WING WALLS

South East elevation, deep open joints under cope stones Ph No16

PILASTERS

South West elevation pilaster cap displaced Ph No17

APPROACH FENCES

All approach fences covered with vegetation Ph No18

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Photographs of structure



Photo No.1. East Elevation.



Photo No.2. West Elevation.

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Photographs of structure



Photo No.3. View looking North over the structure.



Photo No.4. View looking South over the structure.

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Photographs of structure



Photo No.5. Deck



Photo No.6. East elevation parapet girder solum face

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Photographs of structure



Photo No.7. East elevation parapet girder road face



Photo No.8. East elevation parapet girder corrosion

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Photographs of structure



Photo No.9. East elevation parapet girder web plate holed



Photo No.10. West elevation parapet girder soffit face

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Photographs of structure



Photo No.11. West elevation parapet girder road face



Photo No.12. West elevation parapet girder bottom flange notched

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Photographs of structure



Photo No.13. Cross girders corrosion



Photo No.14. Cross girders corrosion web plate holed at abutment

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Photographs of structure



Photo No.15. Deck plate holed



Photo No.16. South East elevation wing wall open joints

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Photographs of structure



Photo No.17. South West elevation pilaster displaced



Photo No.18. Approach fences covered with vegetation