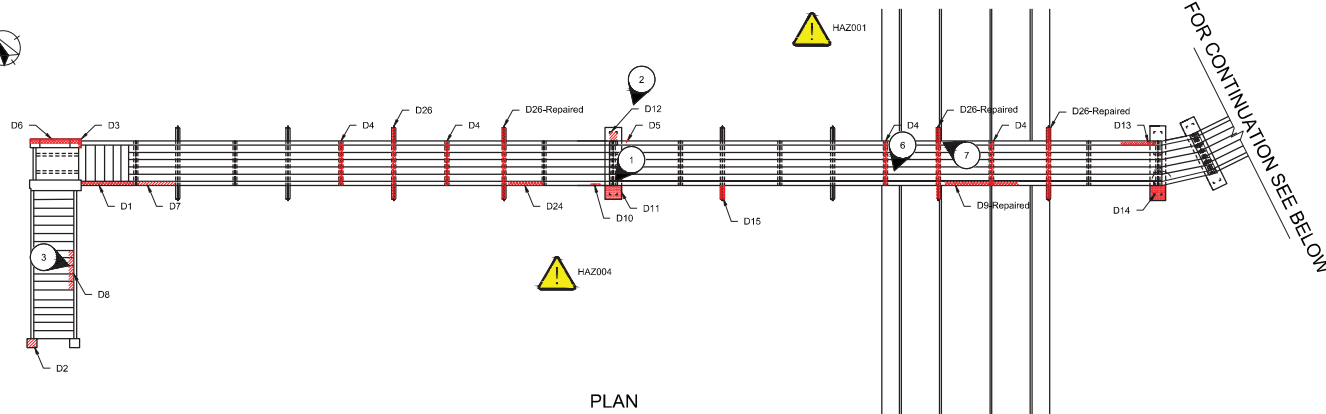
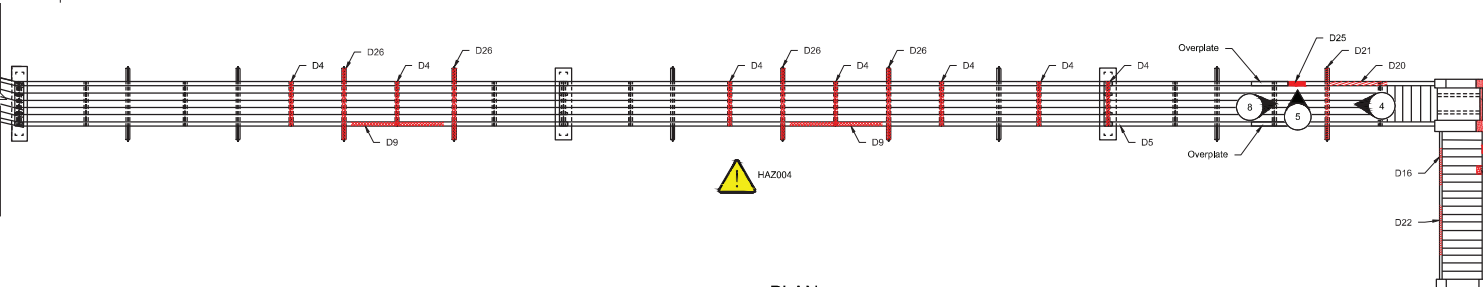




PLAN  
Scale 1:100



FOR CONTINUATION SEE ABOVE



PLAN  
Scale 1:100



PHOTO 1

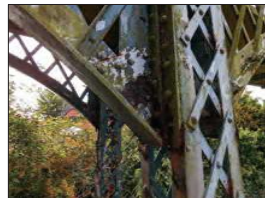


PHOTO 2



PHOTO 3



PHOTO 4



PHOTO 5



PHOTO 6



PHOTO 7



PHOTO 8

| SAFETY, HEALTH AND ENVIRONMENT INFORMATION                                                                                                                                                                                                                                                                                                   |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| The following notes highlight significant residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the DRA and / or CSM hazard log. |                                               |
| HAZ                                                                                                                                                                                                                                                                                                                                          | Residual Hazard                               |
| 001                                                                                                                                                                                                                                                                                                                                          | Interface with operational Railway and Public |
| 002                                                                                                                                                                                                                                                                                                                                          | Working at height                             |
| 003                                                                                                                                                                                                                                                                                                                                          | Prefabricated elements                        |
| 004                                                                                                                                                                                                                                                                                                                                          | Additional unknown defects                    |
| 005                                                                                                                                                                                                                                                                                                                                          | Manual handling                               |
| 006                                                                                                                                                                                                                                                                                                                                          | Existing paint containing toxic metals        |
| 007                                                                                                                                                                                                                                                                                                                                          | Dust and Noise                                |
| 008                                                                                                                                                                                                                                                                                                                                          | Working with Chemicals                        |
| 009                                                                                                                                                                                                                                                                                                                                          | Signal Sighting Obstruction                   |
| 010                                                                                                                                                                                                                                                                                                                                          | Services                                      |

| DEFECTS AND REPAIR SCHEDULE |                                                                                                    |                                                                                                                                                                                                                                                                 |
|-----------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REF                         | DESCRIPTION                                                                                        | PROPOSED REPAIR                                                                                                                                                                                                                                                 |
| D1                          | Staircase support angles corrosion 6-12mm deep, approx 0.5m <sup>2</sup> total                     | Angles to be replaced when the stair tread is replaced. Refer to drawing CC0946-AMD-01-XX-DR-C-0005 for details                                                                                                                                                 |
| D2                          | End post LOS                                                                                       | Break out ground, overplate angle. Refer to drawing CC0946-AMD-01-XX-DR-C-0005 for details                                                                                                                                                                      |
| D3                          | Staircase supports corrosion 1-5mm & LOS to diagonal bracing                                       | Replacement of lattice bracing                                                                                                                                                                                                                                  |
| D4                          | Under Slung T braces corrosion 4-6mm; Top flanges corrosion 1-3mm                                  | Strengthening underslung T-brace or replacement by new element. Refer to drawing CC0946-AMD-01-XX-DR-C-0005 for details                                                                                                                                         |
| D5                          | Section of MG TF cut out 50x30mm                                                                   | Do nothing. Subject to assessment result of this element.                                                                                                                                                                                                       |
| D6                          | Pier legs and diagonal bracing corrosion 1-5mm                                                     | Replacement of defective lattice bracing                                                                                                                                                                                                                        |
| D7                          | LOS to MG BF approx 500x30mm                                                                       | To be inspected following mechanical preparation to determine LOS thickness. Likely do nothing.                                                                                                                                                                 |
| D8                          | Staircase stringers corrosion 3-6mm deep. Loss to edges of steps                                   | To be inspected following mechanical preparation to determine LOS thickness. Likely do nothing for surface LOS. Replacement of decks for severe LOS during the replacement of the stair treads. Refer to drawings CC0946-AMD-01-XX-DR-C-0005 & 0006 for details |
| D9                          | MG BF corrosion 1-5mm. Joint plates LOS 5-15mm and corrosion 4-8mm.                                | To be inspected following mechanical preparation. If the LOS is severe, it is proposed to strengthen with an overplate fixed with TCBs. Refer to drawing CC0946-AMD-01-XX-DR-C-0005 for details                                                                 |
| D10                         | Lattice bracing LOS 15x20mm                                                                        | No repair proposed                                                                                                                                                                                                                                              |
| D11                         | Ivy growing up high mileage end pier                                                               | Clear vegetation                                                                                                                                                                                                                                                |
| D12                         | To pier legs, isolated lattices LOS 30x40mm. Internal bracing corrosion 1-5mm With LOS 100x20mm    | Replacement of defective lattice bracing.                                                                                                                                                                                                                       |
| D13                         | Corrosion to support plates 3-6mm                                                                  | To be inspected further. Information is not clear from the Detailed Examination.                                                                                                                                                                                |
| D14                         | Vegetation growing up to and all around pier                                                       | Clear vegetation                                                                                                                                                                                                                                                |
| D15                         | T bracing corrosion 1-3mm to all bolts                                                             | No repair proposed                                                                                                                                                                                                                                              |
| D16                         | Staircase MG LOS 200x30mm with surrounding 200x400mm area corrosion 3-5mm                          | Overlapping stair stringer subject to inspection of LOS thickness.                                                                                                                                                                                              |
| D17                         | Vegetation growing up around staircase                                                             | Clear vegetation                                                                                                                                                                                                                                                |
| D18                         | Staircase MG 2 No. missing bolts/nuts                                                              | Reinstall new bolts                                                                                                                                                                                                                                             |
| D19                         | Lattice bracing isolated LOS 30x20mm                                                               | Replacement of defective lattice bracing                                                                                                                                                                                                                        |
| D20                         | MG BF LOS 2mx10mm                                                                                  | To be inspected following mechanical preparation. If the LOS is severe, overplating bottom flange of main girder. If it is surface LOS, do nothing.                                                                                                             |
| D21                         | 2No. Aress MG BF LOS 900x10mm with repair plates fitted                                            | To be inspected following mechanical preparation. If the LOS is severe, it is proposed to replace the T-brace. If it is surface LOS, do nothing.                                                                                                                |
| D22                         | Staircase MG LOS 5-15mm on bottom edge                                                             | Overlapping stair stringer subject to inspection of LOS thickness (similar to D16)                                                                                                                                                                              |
| D23                         | Plate below cleat treads corrosion 3-6mm                                                           | To be inspected further. All cleats might be replaced subject to condition.                                                                                                                                                                                     |
| D24                         | 1-6mm LOS & pitting to underside of bottom flange                                                  | To be inspected following mechanical preparation. If the LOS is severe, it is proposed to strengthen with an overplate fixed with TCBs.                                                                                                                         |
| D25                         | LOS to bottom flange of MG. Approx. 30-50mm x 1m length full loss of section along internal flange | Defect to be repaired with overplate. Refer to drawing CC0946-AMD-01-XX-DR-C-0005 for details.                                                                                                                                                                  |
| D26                         | Under Slung Outrigger braces corrosion 4-6mm. Top flange corrosion 1-3mm                           | Strengthening underslung outrigger brace or replacement by new element                                                                                                                                                                                          |

Save as is permitted by the terms for the provision of this document, copyright in this document belongs to AmcoGiffen. It is a condition of the supply of this document that the recipient shall not duplicate or reproduce it in whole or in part, nor disclose its contents without the written authorisation of AmcoGiffen. No liability shall be accepted for its use.

- Notes:
- Unless shown otherwise or indicated in the Specification, whichever is the more onerous, dimensional tolerance is to be in accordance with Tables 1 and 2 of BS 5606.
  - All dimensions are in millimeters (mm) unless noted otherwise. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
  - This drawing is to be read in conjunction with the Specification and any Specialist drawings.
  - UNLESS THE REVISION OF THIS DRAWING IS DENOTED BY THE PREFIX C THEN THIS DRAWING IS NOT FOR CONSTRUCTION.
  - Defects are taken from Detailed Examination Report in 2017 by Arney.

IF IN DOUBT ASK

**SYMBOL KEY**

Photo location and direction

**HATCH KEY**

Corrosion

Loss of Section

**KEY**

(Black) - Existing Elements

(Red) - Proposed Elements

(Blue) - Elements To Be Modified

(Green) - Elements To Be Removed

| P02   | 22.11.23 | Issued For Approval | BWS   | MAS   | DAW  |
|-------|----------|---------------------|-------|-------|------|
| P01   | 10.11.23 | Issued For Comment  | BWS   | MAS   | DAW  |
| Issue | Date     | Description         | Drawn | Disc. | Chk. |

S4 - Fit For Stage Approval



**AMCO-GIFFEN**

Whalley Road, Barugh,  
Barnsley, S75 1HT  
Tel: +44(0)1226 243413  
Fax: +44(0)1226 320202  
www.amco.co.uk

Client  
**AMCO-GIFFEN**

Client Job No.  
**5674A\_LNE\_AMC**

Contract  
**WEB/10A GREEN LANE  
FOOTBRIDGE  
92m 1144yds (52ch)**

Title  
**DEFECTS AND  
PROPOSED REPAIRS**

|                                           |              |
|-------------------------------------------|--------------|
| Scale (A1)                                | AS SHOWN     |
| Drawing No.<br>CC0946-AMD-01-XX-DR-C-0003 | Issue<br>P02 |