

# **Network Rail (Huddersfield to Westtown (Dewsbury) Improvements) Order**

## **Ming Hill Underbridge (MDL1/14) Listed Building Consent Condition 2: Schedule of Materials**

**Network Rail**

**April 2024**



**Contents**

**1. INTRODUCTION ..... 3**  
    1.1 Background..... 3

**2. INFORMATION INCLUDED IN THIS SUBMISSION ..... 4**

**3. MING HILL UNDERBRIDGE (MDL1/14) - SCHEDULE OF MATERIALS ..... 5**

**4. CONCLUSION ..... 7**  
    4.1 Summary..... 7

**APPENDIX A – PHOTOGRAPHIC EVIDENCE OF MATERIALS ..... 8**

## 1. INTRODUCTION

### 1.1 Background

- 1.1.1 The Scheme is part of a wider programme of works under the Trans-Pennine Route Upgrade (TRU) which will improve the Trans-Pennine railway between Manchester, Huddersfield, Leeds and York and improve connections between key towns and cities across the north of England.
- 1.1.2 Planning Direction for the Huddersfield to Westtown (Dewsbury) section of the TRU was received from the Department for Transport referenced TWA/21/APP/03, dated 3 November 2022.
- 1.1.3 Listed Building Consent for the works to Ming Hill Underbridge (MDL1/14) as part of the Huddersfield to Westtown (Dewsbury) section of the TRU was granted as directed by the Secretary of State for the Department of Levelling Up, Housing and Communities on 27 June 2022 (LBC Ref: 2021/91336). This was granted subject to a number of conditions.
- 1.1.4 This document sets out details in relation to Condition 2 of the granted Listed Building Consent.

## 2. INFORMATION INCLUDED IN THIS SUBMISSION

2.1.1 The wording of Condition 2 of the granted Listed Building Consent (LBC Ref: 2021/91336) is reproduced below:

***(Materials)** Before the works hereby approved commence, or within a timescale to be otherwise agreed in writing by the local planning authority, samples and specifications of all materials to be used on all external elevations of the works shall be submitted to and approved in writing by the local planning authority. The works shall be constructed only using the approved materials unless otherwise agreed in writing by the local planning authority.'*

2.1.2 This document details the information required in relation to Condition 2. This comprises a schedule of the materials to be used on all external elevations of the structure. Photographic evidence of the materials where appropriate has been included in Appendix A.

2.1.3 Where appropriate, samples of the material(s) to be used will be made available by Network Rail for inspection by the Kirklees Council Conservation Officer. Where samples of materials are to be shared, these are identified in the schedule of materials below. Sharing of the sample(s) and any further agreement on the approach will be arranged and confirmed via the established TRU Heritage Working Group.

2.1.4 We do not anticipate any need to depart from the information provided. However, there may be unforeseen circumstances which require us to revise proposals. In such circumstances Kirklees Council will be notified as soon as possible, and their agreement sought on the required change in materials through the established TRU Heritage Working Group.

### 3. MING HILL UNDERBRIDGE (MDL1/14) - SCHEDULE OF MATERIALS

3.1.1 Table 4-1 below outlines the Schedule of Materials to be used at Ming Hill Underbridge (MDL1/14).

**Table 3-1 Ming Hill Underbridge (MDL1/14) – Schedule of Materials**

Item	Location	Proposal	Colour	Additional Requirements
Arch infilling (e.g. granular fill, foam concrete, masonry wall)	Under and throughout the underside of the structure.	Foamed concrete	N/A	800kg/m <sup>3</sup> wet density, 700kg/m <sup>3</sup> dry density lightweight foamed concrete. Foamed concrete infill will not be visible and will be concealed by masonry façade/walling system.
Infill finish/façade	Facing of infill on south-eastern side of the structure. North-western side to be buried and won't be visible.	Natural stone masonry facing wall with local sandstone, dressed to match the existing rock-faced abutments and wing walls	Natural sandstone	Local sandstone of similar size to existing abutments and wing walls, including dressing / finish.  Stone to be sourced from Crosland Hill Quarry, Huddersfield, West Yorkshire. HD4 7AB.  Sample available for inspection by Conservation Officer if required.  See Photograph in Insert 1 in Appendix A.
Bedding Mortar	In relation to the sandstone infill finish/façade on south-eastern side of structure	Lime Mortar, NHL 5	To match existing	The mortar will also be used to fill the cavity between the façade facing sandstone blockwork and concrete infill material.  Mortar mix with a ratio of 1:2 lime:sand.

Item	Location	Proposal	Colour	Additional Requirements
Pointing Mortar	Pointing of new facing stone wall on south-eastern side of structure.  Where required, should any re-pointing of existing masonry be necessary	Lime mortar, NHL5	To match existing	No re-pointing of existing masonry is anticipated as being required, however if any requirement is identified during works, to be done in lime mortar to match existing appearance.  Any re-pointing (if required) to meet Network Rail standards.
New parapet/handrail extension	Above existing metallic handrail	Square Standard Hollow Section (SHS) (50x50x4mm) S375 steel	Grey RAL 7037	Applied in accordance with Network Rail standard paint systems.
Pilaster parapet extension connection	Pilasters	560x500x10mm steel base plate (with 10-30mm grout bed)	Grey RAL 7037	Applied in accordance with Network Rail standard paint systems

## 4. CONCLUSION

### 4.1 Summary

- 4.1.1 As stated, this document is submitted in order to discharge Condition 2 of the granted Listed Building Consent for works to Ming Hill Underbridge (MDL1/14) (LBC Ref: 2021/91336).
- 4.1.2 The works will be implemented with the materials used as agreed via this documentation. As detailed above in paragraph 2.1.3, any unforeseen circumstances leading to changes in the materials used will be communicated to Kirklees Council and changes in materials agreed accordingly.
- 4.1.3 Sample(s) of one of the materials can be made available by Network Rail to be shared with Kirklees Council: the sandstone masonry walling for the infill facing façade. Sharing of the sample and any further agreement on the approach will be arranged and confirmed via the regular TRU Heritage Working Group.

**APPENDIX A – PHOTOGRAPHIC EVIDENCE OF MATERIALS**

**Insert 1 Sample of Crosland Hill stone held against historic stonework of Huddersfield Viaduct (MVL3/92) (left), with abutment and pilaster of Ming Hill Underbridge (MDL1/14) (right).**

Network Rail  
Waterloo General Office  
London  
SE1 8SW

[www.networkrail.co.uk](http://www.networkrail.co.uk)