

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

## **Wheatley's Viaduct (MVN2/196) Listed Building Consent Condition 2: Schedule of Materials**

**Network Rail**

**August 2026**



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## **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 Wheatley's Viaduct (MVN2/196) 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: 2021/91344). 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: 2021/91344) is reproduced below:

**2. (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 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. WHEATLEY'S VIADUCT (MVN2/196) - SCHEDULE OF MATERIALS

3.1.1 Table 4-1 below outlines the Schedule of Materials to be used at Wheatley's Viaduct (MVN2/196).

**Table 3-1 Wheatley's Viaduct (MVN2/196) – Schedule of Materials**

| Item                                             | Location                                                                  | Proposal                                                | Colour            | Additional Requirements                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Overhead Line Equipment (OLE), portal structures | 2 locations: between span 2 and 3, and span 4 and 5.                      | Galvanised steel                                        | Grey (galvanised) | As per standard OLE componentry                                                                                                                                                                                                                                                                                                                           |
| Spandrel Strengthening                           | Southern side of structure – underneath track bed                         | Reinforced Concrete L-units                             | Grey concrete     | To be installed underneath track bed of southernmost railway line over the viaduct. Only small section of upstand to be visible once track bed reinstalled.                                                                                                                                                                                               |
| OLE Foundations                                  | 2 locations: between span 2 and 3, and span 4 and 5.                      | Reinforced Concrete pads                                | Grey concrete     | To comprise doweled pad units on northern side and Z units on southern side.<br><br>To be installed partly in line with parapet, with parapet masonry reconstructed around. Only small section of upstand to be visible once track bed reinstalled.                                                                                                       |
| Handrail                                         | Both parapets - along the full length on top of existing masonry parapet. | Glass Reinforced Plastic (GRP), Kee clamp type handrail | Black             | To maintain sufficient edge protection, new GRP handrail will be attached on top of the existing parapets. On the southern parapet, this will replace the existing handrail, which will be removed.<br><br>GRP handrail to be CAPTRAD or equivalent acceptable manufacturer.<br><br>Base of handrail to be founded with 5mm thick cementitious grout bed. |

| Item                                                       | Location                                                                     | Proposal                               | Colour            | Additional Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                            |                                                                              |                                        |                   | <p>Sample image included in Figure 1 in Appendix A.</p> <p>Sample available for inspection by Conservation Officer, if required.</p>                                                                                                                                                                                                                                                                                                                                           |
| Reinstated masonry parapet section (around OLE structures) | Reconstructed parapet - 2 locations: between span 2 and 3, and span 4 and 5. | As per existing                        | As per existing   | Reconstruction of localised sections of parapet around OLE foundation pads, using retained existing masonry cut to required dimensions for reinstatement.                                                                                                                                                                                                                                                                                                                      |
| Replacement Stone<br>(if required)                         | Reconstructed parapet - 2 locations: between span 2 and 3, and span 4 and 5. | Sandstone                              | N/A               | <p>If required, should any retained existing stonework from the parapet be unsuitable for reuse. Replacement stonework to be dressed to the same exterior finish to match existing.</p> <p>To be sourced from Crosland Hill Quarry, Huddersfield, West Yorkshire, HD4 7AB or Marshalls Quarry, Brookfoot, Halifax, West Yorkshire, HX3 9SZ, or further equivalent to be approved if required.</p> <p>Sample available for inspection by Conservation Officer, if required.</p> |
| Bedding Mortar and Pointing Mortar                         | Reconstructed parapet - 2 locations: between span 2 and 3, and span 4 and 5. | Lime Mortar, NHL 5, to match existing. | To match existing | <p>Mortar mix with a ratio of 1:2 lime:sand.</p> <p>Mortar joints to match existing.</p> <p>No re-pointing of existing masonry is anticipated as being required outside of sections of parapet reconstruction. However, if any requirement is identified during works, to be done in lime mortar to match existing appearance.</p> <p>Any re-pointing to meet Network Rail standards.</p>                                                                                      |

| Item                                        | Location                                                                                                                | Proposal                     | Colour                                           | Additional Requirements                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Anti-Trespass Measures – masonry copers     | Three locations – on the north-east, north-west and south-west corners of the abutments of the span over Steanard Lane. | Sandstone                    | N/A                                              | <p>Copers to be cut on site to fit ledges, inclined at 45° angle.</p> <p>To be sourced from Crosland Hill Quarry, Huddersfield, West Yorkshire, HD4 7AB or Marshalls Quarry, Brookfoot, Halifax, West Yorkshire, HX3 9SZ, or further equivalent to be approved if required.</p> <p>Sample available for inspection by Conservation Officer, if required.</p> |
| Limited Clearance – trackside warning signs | Four locations – at each corner of the structure, at track side                                                         | Metallic hazard warning sign | Yellow (BA04a) or Red and White (BA04b) similar. | BA04 limited clearance sign to be attached at each corner of the structure to the handrail with jubilee clips. Choice of design of signage to meet BA04 requirements.                                                                                                                                                                                        |

## **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 Wheatley's Viaduct (MVN2/196) (LBC Ref: 2021/91344).
- 4.1.2 The works will be implemented with the materials used as agreed via this documentation. As detailed above in paragraph 2.1.4, 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 two materials covering three elements of the proposals can be made available by Network Rail to be shared with Kirklees Council if required: the GRP handrail to be installed along the parapet of the viaduct, and the stonework to be used for the anti-trespass measures and any replacement parapet stonework (if required). 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**

**Figure 1 - Indicative image of new black GRP handrail.**

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