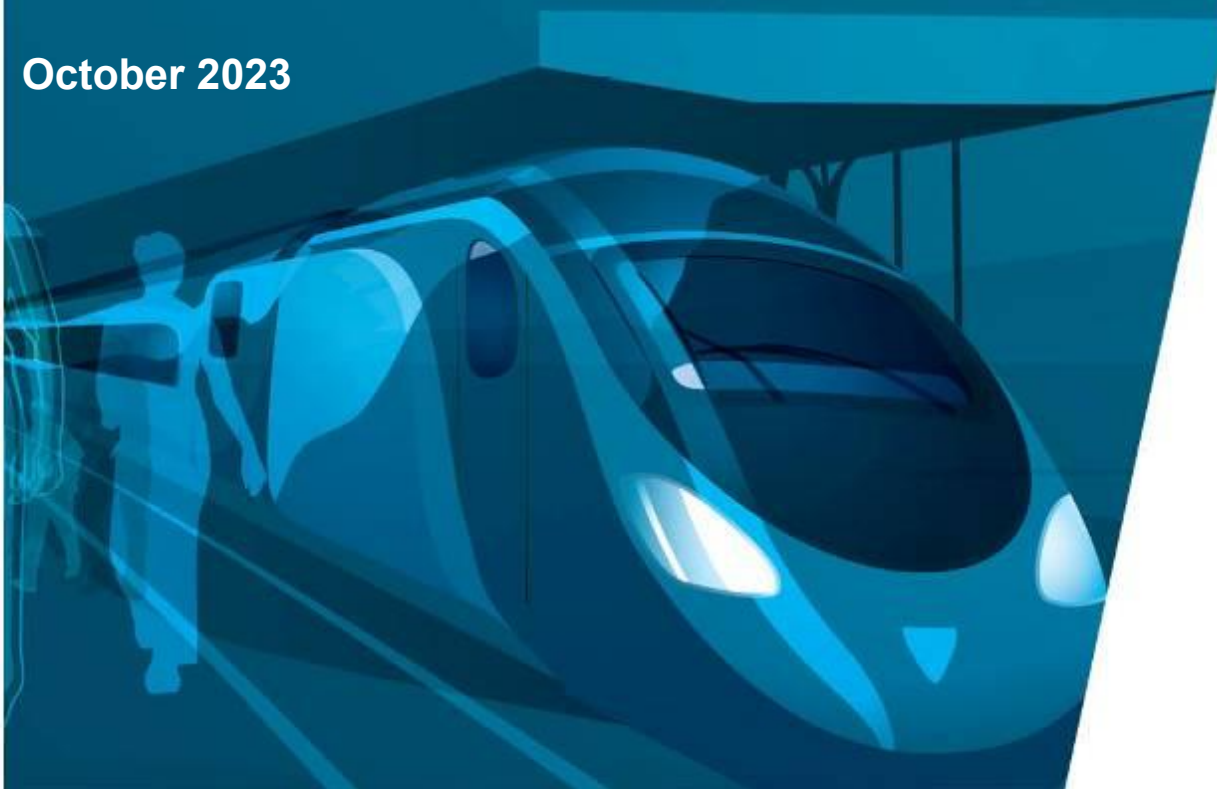


Network Rail (Huddersfield to Westtown (Dewsbury) Improvements) Order

Huddersfield Station Listed Building Consent Condition 2: Schedule of Materials

Network Rail

October 2023



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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 Huddersfield Station 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: 2021/91328). 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. STAGED APPROACH TO DISCHARGE

- 2.1.1 The consent for the Order Scheme requires the discharge of various planning and listed building consent conditions. The materials specification and samples are just one of the elements which provide the foundation for the construction of the Order Scheme as they help inform how construction works should be undertaken in respect of the significance of the heritage asset.
- 2.1.2 Due to the nature of the construction programme and complexities of delivering the scale of the Order Scheme at Huddersfield Station, there are specifications and samples of materials that either will not be understood fully until after certain construction activities have commenced or may significantly delay the fulfilling of the Order Scheme in order for the required information to be gathered before works commence. As such, a phased approach to the materials condition utilising a partial discharge of the materials samples and specifications submission for different elements of the station is deemed necessary. This will afford a complete understanding, with approved materials, that informs high quality works considered appropriate for the sensitivities of the Grade I Listed Huddersfield Station, thereby complying with Condition 2 outlined and the phased approach agreed in principle by Kirklees Council.
- 2.1.3 This Schedule of Materials is intended to be read in conjunction with the associated Conservation Implementation Management Plan (CIMP) which comprehensively outlines the conservation framework in the context of works proposed to be undertaken within the Order Scheme. This Schedule of Materials is considered to align with the relevant Phase 2 of the CIMP, as this document details the material alterations proposed within the works covered by that phase of the CIMP.
- 2.1.4 Those elements of the Station covered by this Materials Schedule comprise:
- The retained section of Roof A, including lantern and maintenance access; and
 - The Penistone Line platform canopy
- 2.1.5 Overall, this phased approach to submission utilises partial discharge of the condition to ensure that no works, including demolition, will take place until an approved specification and samples of materials for that element of the Station has been submitted and discharged. This requires that some approved works commence to inform later stages of the programme and allow for a fully complete and approved construction materials that entirely complies with the requirements of the condition. No works on any element would commence without formal approval based on an up to date and approved relevant materials sample and specifications with fully informed and precise details for the specific element for discharge.

3. INFORMATION INCLUDED IN THIS SUBMISSION

- 3.1.1 The wording of Condition 2 of the granted Listed Building Consent (LBC Ref: 2021/91328) is reproduced below:

2. (Huddersfield Station 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, roofs and subways 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.*

- 3.1.2 This document details the information required in relation to Condition 2, for those elements covered in the corresponding Phase 2 Conservation Implementation Management Plan (CIMP) (see above, Section 2). This comprises a schedule of the materials to be used on all external elevations of these parts of the station.
- 3.1.3 Once procurement of the materials has been undertaken via the project supply chain, photographs and detailed specifications of materials and finishes will be obtained by Network Rail. These will be shared with Kirklees Council via the established TRU Heritage Working Group, and subsequently will be included, as appropriate, in future submissions to partially discharge the condition further.
- 3.1.4 Where necessary, samples of the material(s) to be used will be made available by Network Rail for inspection by the Kirklees Council Conservation Officer (and Historic England where appropriate). 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.
- 3.1.5 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.

4. HUDDERSFIELD STATION - SCHEDULE OF MATERIALS

4.1.1 Table 4-1 below outlines the Schedule of Materials to be used at Huddersfield Station.

Table 4-1 Huddersfield Station – Schedule of Materials for Roof A and Penistone Line Canopy

Item	Location	Proposal	Colour	Additional Requirements
Roof A, including Lantern				
Replacement Metalwork	Roof A	S355 Steel	To match the proposed RAL9007 / RAL9006	All steelwork that aligns with the Euston truss is to have a colour RAL 9007. All of the traverse elements are to have RAL 9006. For additional detail see Huddersfield Station Roof A Repairs Specification Sketchbook, included in Huddersfield Station CIMP (Phase 2).
Strengthening measures to the metalwork	Roof A	S355 Steel	To match the proposed RAL9007 / RAL9006	The protective coating systems to the proposed, in addition to the existing steel and iron elements, are to follow Network Rail standards NR/L3/CIV/039 and NR/L3/CIV/140/172, 173. All steelwork that aligns with the Euston truss is to have a finish coat colour RAL9007, whilst all of the traverse elements are to have a RAL 9006 finish coat colour. For additional detail see Huddersfield Station Roof A Repairs Specification Sketchbook, included in Huddersfield Station CIMP (Phase 2).
Soffit	Roof A	150X25mm square edge tongue and groove (T&G) timber boarding	Off white - RAL9010	Protective coating systems to the proposed and the existing timber elements to follow Network Rail standard NR/L3/CIV/140/174.

Item	Location	Proposal	Colour	Additional Requirements
				For additional detail see Huddersfield Station and Huddersfield Viaduct Design Guide, included in Huddersfield Station CIMP (Phase 2). Sample to be arranged to be shared with the Conservation Officer.
Exterior covering: cladding - slate	Roof A	Natural slates	Natural slate grey	For additional detail see Huddersfield Station and Huddersfield Viaduct Design Guide, included in Huddersfield Station CIMP (Phase 2). Sample to be arranged to be shared with the Conservation Officer.
Exterior covering: cladding - standing seam	Roof A	Metal (aluminium) standing seam roofing	Anthracite grey to match proposed RAL 7016	Metal standing seam roofing to be 50mm deep. For additional detail see Huddersfield Station and Huddersfield Viaduct Design Guide, included in Huddersfield Station CIMP (Phase 2).
Soffit	Lantern	Aluminium insulating sandwich panels	Off White RAL 9010	Sample to be arranged to be shared with the Conservation Officer.
Louvres	Lantern	Powder coated aluminium cladding	Anthracite grey to match proposed RAL 7016	
Exterior covering: cladding	Lantern	Aluminium insulating sandwich panels with standing seam finish	Anthracite grey RAL 7016	Kingspan quadcore roof liner at 100mm core thickness For additional detail see Huddersfield Station and Huddersfield Viaduct Design Guide, included in Huddersfield Station CIMP (Phase 2).

Item	Location	Proposal	Colour	Additional Requirements
Gable ends: cladding	Roof A / Lantern	Roofing edges and junction systems to be powder coated aluminium verge flashing	Blue RAL 5026	<p>Powder coated aluminium verge flashing to be 3mm thick.</p> <p>For additional detail see Huddersfield Station and Huddersfield Viaduct Design Guide, included in Huddersfield Station CIMP (Phase 2).</p>
Glazing	Roof A	6mm solid Georgian wired effect polycarbonate glazing system	Glazing Frame / bars to be anthracite grey RAL 7016	<p>Sloping patent glazing systems comprising 6mm solid Georgian wired effect polycarbonate glazing sheet with integral, extruded aluminium glazing bars.</p> <p>For additional detail see Huddersfield Station and Huddersfield Viaduct Design Guide, included in Huddersfield Station CIMP (Phase 2).</p>
Maintenance Access: working platform and walkway systems	Roof A Exterior	Keep Walk aluminium walkway, steps, ladders and guardrails. Nylon grip treads on steps.	Anthracite grey RAL 7016, where possible	<p>Access to be formed of walkway, steps and ladders, with guardrails in specific locations.</p> <p>For additional detail see Huddersfield Station and Huddersfield Viaduct Design Guide, included in Huddersfield Station CIMP (Phase 2).</p>
Penistone Line Canopy				
Columns: cladding	Penistone Line Canopy	Polyester Powder Coating (PPC) aluminium metal casing	Blue RAL 5026	<p>For additional detail see Huddersfield Station and Huddersfield Viaduct Design Guide, included in Huddersfield Station CIMP (Phase 2).</p>
Soffit	Penistone Line Canopy	150X25mm square edge T&G timber boarding	Off white RAL 9010	<p>Protective coating systems to proposed to follow Network Rail Standard NR/L3/CIV/140/174.</p> <p>For additional detail see Huddersfield Station and Huddersfield Viaduct Design Guide, included in Huddersfield Station CIMP (Phase 2).</p>

Item	Location	Proposal	Colour	Additional Requirements
Exterior covering: cladding	Penistone Line Canopy	Bauder bitumen waterproofing system for flat roof.	TBC	Colour to be confirmed by supplier once procurement undertaken; to be agreed through the established TRU Heritage Working Group.
Dagger boarding	Penistone Line Canopy	Timber trim boards	Blue RAL 5026	Existing to be updated to current standards and to be repainted to blue RAL 5026.
Rainwater goods	Penistone Line Canopy	PPC aluminium guttering and pipes	Blue RAL 5026	For additional detail see Huddersfield Station and Huddersfield Viaduct Design Guide, included in Huddersfield Station CIMP (Phase 2).

5. CONCLUSION

5.1 Summary

5.1.1 As stated, this document is submitted in order to discharge Condition 2 of the granted Listed Building Consent for works to Huddersfield Station (LBC Ref: 2021/91328).

5.1.2 The works will be implemented with the materials used as agreed via this documentation. As detailed above in paragraph 3.1.5, any unforeseen circumstances leading to changes in the materials used will be communicated to Kirklees Council and changes in materials agreed accordingly.

5.1.3 Sample(s) of three of the materials will be made available by Network Rail to be shared with Kirklees Council. These comprise:

- Soffit of Roof A;
- Exterior slate covering of Roof A; and
- Soffit of the lantern to Roof A.

5.1.4 Sharing of the samples, photographs and detailed specifications, as well as any further agreement on the approach will be arranged and confirmed via the regular TRU Heritage Working Group.

5.2 Next Steps

5.2.1 It is anticipated that the information contained within this document will be sufficient to at least partially discharge Condition 2 of the granted Listed Building Consent for works to Huddersfield Station (LBC Ref: 2021/91328), in relation to those elements of the Station covered, namely Roof A and the Penistone Line canopy.

5.2.2 Network Rail will submit further Material Schedule documents to accompany future phases of the Huddersfield Station Conservation Implementation Management Plan (CIMP) (as outlined in Section 2).

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