

High Speed Rail (West Midlands - Crewe)

Environmental Statement

Volume 5: Technical appendices

CA5: South Cheshire

Cultural heritage impact assessment table (CH-003-005)



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Department for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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1 Introduction

1.1 Structure of the cultural heritage appendices

1.1.1 The cultural heritage Appendices for the South Cheshire area (CA5) comprise:

- a baseline report (Volume 5: Appendix CH-001-005);
- a gazetteer of heritage assets (Volume 5: Appendix CH-002-005);
- an impact assessment (this Appendix); and
- survey reports, incorporating geophysical survey and remote sensing studies, which are available in the Background Information and Data document¹.

1.1.2 In addition there are two route-wide cultural heritage Appendices:

- a historic landscape character report (Volume 5: Appendix CH-005-000); and
- a geoarchaeological desk study report (Volume 5: Appendix CH-006-000).

1.1.3 Maps referred to throughout the cultural heritage Appendices are contained in the Volume 5: Cultural Heritage Map Book.

1.1.4 Where relevant, potential effects resulting from construction or operational noise have been considered during assessment. These are detailed in Volume 5: Appendix SV-002-005 Sound, noise and vibration report.

1.2 Impact assessment

1.2.1 Table 1 presents information on the impacts on all identified heritage assets and the likely resultant environmental effects, taking into account agreed mitigation measures. Details on the assignment of values and the assessment of the scale of impacts are set out in the Environmental Impact Assessment Scope and Methodology Report and its Addendum (see Volume 5: Appendices CT-001-001 and CT-001-002).

¹ HS2 Ltd (2017), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Background Information and Data, Cultural heritage survey reports*, BID-CH-004-005, www.gov.uk/hs2

Table 1: Impact assessment for the South Cheshire area

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH001	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
SCH002	Wrinehill Bridge	Listed building	Moderate	The asset is located approximately 410m away from the route of the Proposed Scheme. The asset derives its significance from its historical, architectural and communal value. Its location on the Checkley Brook forms an important aspect of its setting, which contributes to its significance. The asset will have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minor degree.	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH003	Site of Tip Green Forge	Non-designated	Low	The asset is situated approximately 270m away from the route of Proposed Scheme. The asset derives its significance from its archaeological/ evidential value, with some potential historical value. The setting of the asset is not considered to substantially contribute to its significance, although it has a potential association with Checkley Brook and the River Lea. The setting of the asset will not be affected, and its significance will not be harmed.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH004	Summer House	Listed building	Moderate	The asset is located approximately 405m away from the route of the Proposed Scheme. The asset primarily derives its significance from its architectural value; as a good example of a 18 th century	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				garden building design, and its historical value; as an example of the growing wealth of landowners in the area. The setting of the asset is the Wrinehill village settlement and the surrounding rural landscape, which also contribute to its significance. The asset will have distant views of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.					
SCH005	Milepost 50 Metres South of The Hand and Trumpet Public House	Listed building	Moderate	The asset lies approximately 580m away from the route of the Proposed Scheme. The milepost derives its significance from its function and its historical association with the A531 Main Road. The asset is not within the zone of theoretical visibility (ZTV) and the development does not affect the fabric or setting of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH006	The Steps	Listed building	Moderate	The asset is situated approximately 630m away from the route of the Proposed Scheme. The asset primarily derives its significance from its architectural and historical value. The setting of the asset is the Wrinehill village settlement and the surrounding rural landscape, which also contributes to its significance. The asset will have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH007	Ravenshall House	Listed building	Moderate	The asset is located approximately 620m away from the route of the Proposed Scheme. The asset primarily derives its significance from its architectural and historical value. The setting of the asset is the Wrinehill village settlement and the surrounding rural landscape, which also contributes to its significance. The asset will have distant views of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH008	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
SCH009	The Croft and Prospect House	Listed building	Moderate	The asset is approximately 965m away from the route of the Proposed Scheme. The asset primarily derives its significance from its architectural and historical value. The setting of the asset is the Wrinehill village settlement and the immediate surrounding rural landscape, which also contributes to its significance. The asset will have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH010	Den Bridge and Sidings, Grand Junction Railway	Non-designated	Low	The asset is within the land required for the Proposed Scheme, and is part of the existing West Coast Main Line (WCML) railway. The asset derives its significance from its historical and evidential value. Its	Low	Temporary Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				setting and association with the existing railway form an important aspect of its setting, which contributes to its significance. Earthworks associated with the construction of the haul route from Den Lane to Lower Den Farm and modifications to the WCML near Den Bridge will have a low impact on the historic Den Bridge and sidings, which will otherwise be retained as operational elements of the WCML. These works will impact upon the fabric of the asset, such that its historic value will be adversely affected to a low degree. No notable setting impacts are anticipated as the asset is operational rail heritage.	Low	Permanent Minor Adverse			
SCH011	Checkley Hall Group	Listed building	High	The asset is approximately 970m away from the route of the Proposed Scheme. The asset derives its significance from its architectural and historical value. The interrelationship between the buildings within the group also contributes to its significance as does the surrounding rural landscape and association with Checkley Lane. The asset will have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH012	Doddington Hall Park Group	Listed building, registered park and	High	The asset is approximately 2.3km away from the route of the Proposed Scheme. The asset primarily derives its significance	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
		garden		from its architectural and historical value along with the landscaped park and garden that form its immediate setting. The wider rural setting contributes in a more minor way to the significance of the asset. The asset will have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.			Scheme.		
SCH013	Blakenhall Farmhouse	Listed building	Moderate	The asset lies approximately 625m away from the route of the Proposed Scheme. The asset derives its significance from its architectural and historical value. Other buildings forming part of the farm complex as well as the surrounding rural landscape form important aspects of the setting of the asset, which contribute to its significance. The asset will have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH014	Site of Higher Hayward farmstead	Non-designated	Low	The asset is partially within the land required for the Proposed Scheme, being divided by the existing access way for Lower Den Farm, which will be utilised as a haul route. Small portions of the centre of the asset will be removed by construction of the haul route and the Blakenhall Bridleway & temporary diversion. These works will impact upon the fabric of the asset, such that its archaeological and historic value will	Medium	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				be adversely affected to a low degree. The Proposed Scheme will also introduce changes to the setting of the asset, essentially isolating the asset from its surrounding open rural landscape context to the west, such that its value will be adversely affected to a moderate degree. The impact overall is thus taken to be moderate.					
SCH015	Betley Group	Listed building	Moderate	The asset lies approximately 1.4km away from the route of the Proposed Scheme. The asset derives its significance from its architectural and historical value as well as the interrelationship between the buildings within the group and the surrounding settlement. The asset is focused along Main Road of Betley Village and within the Betley Conservation Area. Landscaped parks to the north and south of the group as well as the wider rural setting also contribute to the significance of the asset. The asset will have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH016	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
SCH017	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
SCH018	Beehive Cottage	Listed building	Moderate	The asset lies approximately 1.4km away from the land required for the Proposed Scheme. The asset	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				primarily derives its significance from its architectural and historical value. The setting of the asset is rural and north of the Betley Conservation Area and is also considered to contribute to its significance. The asset is not within the ZTV and the development does not affect the fabric or setting of the asset.					
SCH019	Pigeon House adjacent to Buddleigh Farmhouse	Listed building	Moderate	The asset is approximately 1.5km away from the route of the Proposed Scheme. The asset primarily derives its significance from its architectural and historical value. The relationship with Buddleigh Farmstead and the surrounding rural landscape are also considered to contribute to the significance of the asset. The asset is not within the ZTV and the development does not affect the fabric or setting of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH020	Possible site of Godewy-neslegh	Non-designated	Moderate	The asset is partially within the land required for the Proposed Scheme and will be partially removed by construction works. These include the HS2 main line, a new section of the WCML, the HS2 spurs, the Crewe South cutting, the Blakenhall cutting, the Blakenhall Bridleway 12 diversion, the Chorlton South embankment, the South Crewe cutting satellite compound, the Delta Junction satellite compound, a balancing pond, and associated landscape planting and infrastructure including haul roads.	High	Permanent Major Adverse	The permanent construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				The asset derives its significance from its archaeological/ evidential value and possible historical value. The current setting of the asset is not thought to contribute to the significance of the asset. These works will impact upon the fabric of the asset, such that its archaeological and historic value will be adversely affected to a high degree.					
SCH021	Lea Hall	Listed building	High	The asset lies approximately 1.2km away from the route of the Proposed Scheme. The asset derives its significance from its architectural and historical value. The setting of the surrounding rural landscape, and the nearby Lea farmstead also contribute to the significance of the asset. The asset is not within the ZTV and the development does not affect the fabric or setting of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH022	Wybunbury Group	Scheduled monument, listed building	High	The asset lies approximately 6.2km away from route of the Proposed Scheme. The asset derives its significance from its architectural, evidential and historical value as well as the interrelationship between the structures within the group and the surrounding settlement. The asset relates to the medieval development of the area, and the setting is the town of Wybunbury and the enclosed rural landscape and mosses also contribute to the significance of the asset. The asset is not within the	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				ZTV and the Proposed Scheme does will not affect the fabric or setting of the asset.					
SCH023	Hough Hall Group	Listed building	High	The asset is approximately 770m away from the route of the Proposed Scheme. The asset derives its significance from its architectural and historical value as well as the interrelationship between the structures within the group. The Hough Hall landscaped estate, and the surrounding rural landscape, also contribute to the significance of the asset. The asset will have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH024	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
SCH025	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
SCH026	Wesleyan Methodist Chapel in Chorlton	Non-designated	Low	The asset is approximately 150m from the land required for the Proposed Scheme, and approximately 200m from the WCML. The asset derives its significance from its architectural and historical value. Although isolated it is likely to have had a communal association with the surrounding farms and settlements. There will be impacts relating to construction activities, including noise resulting from landscape works and traffic that temporarily alter the rural character of the	Low	Temporary Negligible Adverse	The operation of the Proposed Scheme will lead to an impact on the setting of the asset through the introduction of noise, however, this intrusion will be transient and intermittent and train noise is already part of the current setting of the asset.	Minimal	Permanent Negligible Adverse

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				immediate setting of the asset, such that its historic and architectural value will be adversely affected to a low degree (see Volume 5: Appendix SV-002-005). There will also be permanent impacts relating to the creation of woodland habitat and landscape planting to the west, alongside the existing railway, which will screen the asset from the railway improving the existing visual intrusions to the setting. These works will impact upon the setting of the asset, such that its architectural and historic value will be beneficially affected to a medium degree. The construction impact of the Proposed Scheme will reduce once construction activities are completed, and landscape and woodland planting has matured.	Medium	Permanent Minor Beneficial			
SCH027	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
SCH028	Weston Hall Mill	Non-designated	Low	The asset lies approximately 50m outside the land required for the Proposed Scheme, and no known remains of the mill survive. The asset derives its significance from its archaeological/ evidential value. Its association with Basford Brook also forms an important aspect of its location and setting, which contributes to its significance. The development will not affect the fabric or key aspects of setting of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH029	Weston Hall	Non-designated	Low	The asset is approximately 1.8km away from the route of the Proposed Scheme. The asset primarily derives its significance from its architectural and historical value. The landscaped pond and immediate wooded setting of the asset also contribute to its significance. The asset will have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.	Low	Permanent Negligible Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH030	Basford Bridge Cottage	Listed building	Moderate	The asset is immediately adjacent to the land required for the Proposed Scheme, being located within 10m of the route. The asset derives its significance from its architectural and historical value. Previously situated in a predominately rural setting, the current setting of the asset is heavy infrastructure with Newcastle Bridge abutting the entrance, which contributes little to the value of the asset. The asset is in a dilapidated condition, and could potentially be at risk of structural instability from adjacent construction works. Temporary demolition and construction activities (traffic, heavy machinery, access constraints, noise, dust, and vibration) associated with removal of the existing Newcastle Road overbridge, the creation of new haul roads, and the Chorlton cutting satellite compound and Creamery Bridge satellite compound will have	Medium	Temporary Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				a medium temporary adverse impact on the setting of the asset (see Volume 5: Appendix SV-002-005). Removal of the existing bridge and closure of the adjacent section of road will sever the link between the asset and the villages to the west of the WCML. However this is balanced against the removal of heavy infrastructure immediately adjacent to the asset, and the addition of landscape planting immediately to the west that will improve on the ability to appreciate the building by lessening visual and noise intrusion. The asset is of medium value, and on balance, permanent setting effects will be medium beneficial.	Medium	Permanent Moderate Beneficial			
SCH031	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
SCH032	Embankment and cutting south of Casey Bridge, Grand Junction Railway	Non-designated	Low	The asset is within the land required for the Proposed Scheme, being an existing embankment and cutting for the WCML. The asset derives its significance from its historical and evidential value. Its setting and association with the existing railway form an important aspect of its setting, which contributes to its significance. The asset will be modified by groundworks to upgrade the rail corridor for the Proposed Scheme, including reshaping embankments, new cuttings, landscaping works, and the construction of the new Newcastle Road overbridge and embankments,	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				as well as the Creamery Bridge satellite compound. This will have a high adverse impact on the historical value of the asset.					
SCH033	Casey Bridge, Grand Junction Railway	Non-designated	Low	The asset is within the land required for the Proposed Scheme, being an existing road bridge over the WCML. The asset derives its significance from its historical and evidential value. Its setting and association with the existing railway form an important aspect of its setting, which contributes to its significance. The asset will be demolished and completely removed during construction of the Proposed Scheme, with Casey Lane closed at either end. The construction works will impact upon the fabric of the asset, such that its architectural and historic value will be adversely affected to a high degree.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH034	Royal Observer Corps monitoring post at Shavington	Non-designated	Low	The asset is within the land required for the Proposed Scheme, within a copse of trees approximately 160m north-east of Casey Bridge. The setting of the asset is not considered to contribute to its significance. The asset will be removed by construction activities associated with the closure and diversion of Casey Lane, the Casey Lane East satellite compound, landscape planting, and other infrastructure. These works will impact upon the fabric of the asset, such that its archaeological and historic value will be adversely affected to a high degree.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH035	Weston	Listed building	Moderate	The asset lies approximately 600m away from the route of the Proposed Scheme. The asset derives its significance from its architectural and historical value as well as the interrelationship between the buildings within the group and the surrounding settlement. A number of the buildings within the group also have communal value. The wider rural setting is also considered to contribute in a minor way to the significance of the asset. The asset is partially screened to the west by modern residential development and by Burrow Coppice. The asset will however have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH036	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
SCH037	Basford Hall Junction, Grand Junction Railway	Non-designated	Low	The asset is an existing railway junction within the land required for the Proposed Scheme. The asset derives its significance from its historical and evidential value. Its setting and association with the existing railway form an important aspect of its setting, which contributes to its significance. The asset will be modified by alterations to track configuration, the Basford cutting, Basford Hall southbound satellite compound, the western haul route from Weston Lane to the Basford cutting main compound, and track realignments. This will have a high adverse impact on the asset.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH038	Basford Hall Bridge, Grand Junction Railway	Non-designated	Low	The asset is within the land required for the Proposed Scheme, being an existing road bridge (Weston Lane) over the WCML. The asset derives its significance from its historical and evidential value and also has some architectural value. Its surroundings and association with the existing railway form an important aspect of its setting, which contributes to its significance. The asset will be retained but will be subject to temporary construction impacts from increased construction traffic, such that its architectural and historic value will be adversely affected to a minimal degree.	Minimal	Temporary Negligible Adverse	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH039	Signpost	Listed building	Moderate	The asset is over 300m away from the route of the Proposed Scheme. The milepost derives its significance from its function and its historical association with the road junction. The setting of the milepost will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH040	Crotia Mill Race	Non-designated	Low	The asset is approximately 260m away from the route of the Proposed Scheme. The asset derives its significance from its archaeological and evidential value. The surrounding rural landscape setting contributes to the value of the asset, particularly Basford Brook and to the location of the former mill at Crotia Mill Farm. The asset runs roughly parallel to the existing WCML. The development will not affect the fabric or setting of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH041	Hollyhedge Farmhouse	Listed building	High	The asset is approximately 1km away from the route of the Proposed Scheme. The asset primarily derives its significance from its architectural and historical value. The surrounding rural landscape setting and other elements of the farm complex also contribute to the value of the asset. The asset will have distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH042	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH043	Shavington Lodge	Listed building	Moderate	The asset lies approximately 220m away from the route of the Proposed Scheme. The asset derives its significance from its architectural and historical value. The setting is the rural landscape between the settlement of Basford and Shavington, including Weston Lane, which is also considered to contribute to its significance. There will be impacts to the setting of the asset associated with noise and visual intrusion from construction activities for the Basford cutting main compound to the north such that the value of the asset will be adversely affected to a medium degree (see Volume 5: Appendix SV-002-005). The construction impact will reduce once construction activities are completed.	Medium	Temporary Low Adverse	No impact upon significance.	No change	Neutral
SCH044	Shavington Hall	Listed building	Moderate	The asset lies approximately 150m outside the land required for the Proposed Scheme. The asset derives its significance from its architectural and historical value. Its garden and wider rural setting also contribute to the significance of the asset. There will be impacts to the setting of the asset associated with noise and visual intrusion from construction activities for the Basford cutting main compound to the north such that the value of the asset will be adversely affected to a medium degree. The construction will reduce once construction activities are completed.	Medium	Temporary Moderate Adverse	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH045	Basford Hall	Non-designated	Moderate	The asset is located partially within the land required for the Proposed Scheme, and will be partially removed by construction works. These include the Basford cutting, a section of the western haul road from Casey Lane to the Basford cutting main compound, and associated infrastructure. The asset derives its significance from its archaeological/ evidential value. Its current setting is not considered to contribute to the significance of the asset. These works will impact on the fabric of the asset, such that its archaeological and historic value will be impacted.	High	Permanent Major Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH046	Possible moat at Shavington House	Non-designated	Low	The asset is approximately 240m away from the route of the Proposed Scheme. The asset derives its significance from its archaeological/ evidential value. Its current setting is not considered to contribute to the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH047	Crewe Hall Park Group	Listed building, registered park and garden	High	The asset is approximately 1.3km away from the route of the Proposed Scheme. The asset derives its significance from its architectural, aesthetic and historical value. The interrelationship between the buildings and monuments within the group also contributes to the significance of the asset, with important key views between elements of the historical landscape. The asset is not subject to notable	Minimal	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				setting impacts as the proposed alignment in this area is tunnelled and construction works largely follow the existing WCML alignment. The asset is largely screened to the west by vegetation and existing development. However, the asset will have partial distant views of the route of the Proposed Scheme, which will alter its setting, such that its value will be adversely affected to a minimal degree.					
SCH048	Firtree Cottage	Listed building	Moderate	The asset lies approximately 435m away from the route of the Proposed Scheme. The asset primarily derives its significance from its architectural and historical value. Aspects of its rural, wooded setting also contribute to the significance of the asset. The asset is not subject to setting impacts as the route of the Proposed Scheme in this area is tunnelled and construction works largely follow the existing rail alignment. The asset is screened to the south-west by vegetation along Weston Road and is not within the ZTV, and subsequently the development will not affect the setting of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH049	Park Farm House	Listed building	Moderate	The asset is approximately 2km away from the route of the Proposed Scheme. The asset primarily derives its significance from its architectural and historical value. The surrounding rural landscape setting and other elements of the farm complex also	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				contribute to the value of the asset. The asset is not within the ZTV and the development does not affect the fabric or setting of the asset.					
SCH050	North Western Mills	Non-designated	Low	The asset lies approximately 370m away from the route of the Proposed Scheme. The asset derives its significance from its archaeological/ evidential value, with currently extant structures also having historical value. Its association with the adjacent railway line is also considered to contribute to the significance of the asset. The development will not affect the fabric or setting of the asset to a degree that detracts from its value.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH051	YMCA Hostel, 189 - 197 Gresty Road, Crewe	Non-designated	Low	The asset is located approximately 160m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historical value as a building closely associated with the development of the railway in the mid 19 th century. The asset's setting is primarily defined by its relationship to the railway but also includes a mixture of residential housing with industrial development to the north.	Minimal	Temporary Negligible Adverse	No impact upon significance.	No change	Neutral
SCH052	1867 Buildings at Crewe Railway Station	Listed building	Moderate	The asset is within the land required for the Proposed Scheme. The significance of the asset is derived from its historic and evidential value as a building within Crewe Station, which is one of the oldest railway	Medium	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				stations in the UK, and from limited architectural value. The asset's setting is defined by its relationship to the railway and the operational rail infrastructure within central Crewe. The Crewe Station building, including the listed elements, will not be physically impacted by the Proposed Scheme. There will be temporary changes to the setting of the asset from the Alexandra Stadium satellite compound, construction equipment and traffic, but these will not be significant. This impact will reduce once construction activities are completed. The setting of the asset will be subject to a permanent change through the creation of new station platforms on the Liverpool, Manchester, and Chester independent lines, Crewe retaining wall 1 and 2, and a new Crewe Station footbridge from the new platform to an unused platform that already links to the main Crewe Station.					
SCH053	Enginemens Barracks, Crewe	Non-designated	Low	The asset is located approximately 160m away from the route of the Proposed Scheme. The significance of the asset is derived from its historic and evidential value as a historic building associated with the railway. The setting of the asset is defined by its relationship with the railway, Crewe Station and from the surrounding industrial area. The Proposed Scheme will lead to temporary impacts on the setting of the asset from construction works	Minimal	Temporary Negligible Adverse	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				related to noise and construction equipment and traffic including an adjoining egress to the south.					
SCH054	Gresty Road Group	Non-designated	Low	The significance of the asset is derived from its historic and architectural value and from its setting, which is defined by its position at a road junction within an urban environment and its relationship with the railway. The asset is located approximately 50m outside the land required for the Proposed Scheme. Construction activities will result in a temporary impact on the significance of the asset through the introduction of movement and noise from traffic and works into its setting.	Low	Temporary Minor Adverse	No impact upon significance.	No change	Neutral
SCH055	Four industrial buildings east of Crewe Station	Non-designated	Low	The asset is located approximately 330m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historic value, with some limited architectural value, as a group of historic buildings. The setting of the asset is defined by its association with the railway line and road junction with a contemporary mixed residential urban development between Mill Street and Edleston Road. The construction of the Proposed Scheme will lead to partial views of construction activity from the asset, which will include cranes, resulting in a temporary alteration to its setting.	Minimal	Temporary Negligible Adverse	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH056	Imperial Hotel	Non-designated	Low	The asset lies approximately 430m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historic value and lies within an urban setting.. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH057	Gas works	Non-designated	Low	The asset is situated approximately 170m outside the land required for the Proposed Scheme. The significance of the asset is derived from its architectural and historic value. The setting of the asset is defined by surrounding industrial areas and the adjacent Crewe North Junction. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH058	Blacksmiths workshop at the Old Works	Non-designated	Low	The asset is located approximately 195m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historic value. The setting of the asset is defined by surrounding industrial areas and the adjacent Crewe North Junction. The setting is industrial and adjacent to the Crewe North Junction. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH059	Railway sidings north of Crewe	Non-designated	Low	The asset is located approximately 60m away from the route of the Proposed Scheme. The significance	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
	Station			of the asset is derived from its historic and evidential value as a historic component within existing railway operations with its setting defined by the railway. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset.					
SCHo60	Wistaston Manor	Listed building	Moderate	The asset is approximately 1.4km away from the route of the Proposed Scheme. The significance of the asset is derived from its historic and evidential value. The asset's setting is defined by the surrounding urban area, which does not contribute to its significance. As the asset derives no significance from its setting, the construction of the Proposed Scheme will not impact on the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCHo61	Police Training College	Listed building	Moderate	The asset lies approximately 965m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historic value and from its urban setting, and from the surrounding open/communal space. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset as it is not considered to be within its setting.	No change	Neutral	No impact upon significance.	No change	Neutral
SCHo62	Ruskin Road School	Listed building	Moderate	The asset is located approximately 795m away from the route of the Proposed Scheme. The significance of the asset is derived from its	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				architectural and historic value and by its setting, which is defined by the surrounding residential area. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset as it is not considered to be within its setting.					
SCH063	Caretakers House at The Ruskin School	Listed building	Moderate	The significance of the asset is derived from its architectural and historic value and by its setting, which is defined by its relationship to the school and to the surrounding residential area. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset as it is not considered to be within its setting.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH064	Union Street Baptist Church and attached boundary wall and railings	Listed building	Moderate	The asset is located approximately 350m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historic value and from its relationship with the surrounding settlement (including some industrial elements), which defines its setting. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset as it is not considered to be within its setting.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH065	The Delaney Building at Crewe and Alsager College	Listed building	Moderate	The asset is located approximately 660m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historic value and from its setting, which is defined by	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				its relationship with the college and its campus. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset as it is not considered to be within its setting.					
SCHo66	Crewe Green Group	Listed building	Moderate	The asset lies approximately 1.5km away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historic value and from its setting, which is defined by the interrelationship between the buildings within the group, their location along Crewe Road and the open fields beyond. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset as it is not considered to be within its setting.	No change	Neutral	No impact upon significance.	No change	Neutral
SCHo67	Crewe Town Centre Group	Listed building	Moderate	The asset is located approximately 2km from the route of the Proposed Scheme. The significance of the asset is derived from its historic and architectural value, from its communal value as a civic centre and from its setting, which is defined by the surrounding urban townscape. The asset will have partial distant views of construction equipment such as cranes, which will result in a temporary alteration to its setting.	Minimal	Temporary Minor Adverse	No impact upon significance.	No change	Neutral
SCHo68	Church of St Peter	Listed building	Moderate	The asset is located approximately 900m away from the route of the Proposed Scheme. The significance	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				of the asset is derived from its architectural and historic value, from its communal value as a place of worship and from its setting, which is defined by its position on a street corner within a contemporary urban townscape including views towards the Manchester Bridge. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset as it is not considered to be within its setting.					
SCH069	Church of St Michael	Listed building	Moderate	The asset is located approximately 2km away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historic value, from its communal value as a place of worship and from its setting, which is defined by Crewe Cemetery. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset as it is not considered to be within its setting.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH070	Blakenhall Moss	Non-designated	Low	The asset is located approximately 320m away from the route of the Proposed Scheme, and will not be affected. The significance of the asset is derived from its palaeoenvironmental value.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH071	Barn at Maltkiln Farm	Non-designated	Low	The asset is located approximately 430m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historical value and	Minimal	Temporary Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				from its setting. The setting of the asset is defined by its location at the edge of the settlement at Winehill, its close association with the main road, from its interrelationship with the adjacent cottage and other farm buildings and from the wider rural landscape. The asset will have distant views of the Proposed Scheme, which will lead to a temporary impact on its setting during construction through the introduction of movement and visible construction equipment. The construction of the Proposed Scheme will also lead to a permanent alteration in its setting through the introduction of new infrastructure elements.	Minimal	Permanent Minor Adverse			
SCH072	Anti-aircraft battery at Weston Lane Farm	Non-designated	Low	The asset is located approximately 250m away from the route of the Proposed Scheme, and will not be affected. It derives its significance from both its evidential and historical value. The current setting is not considered to contribute to the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH073	Edleston Road County Primary School	Non-designated	Low	The asset is located approximately 440m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and communal value and from its setting, which is defined by its urban location and its association with Crewe. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH074	Temple Chambers, 190 Edleston Road	Non-designated	Low	The asset is located approximately 430m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historic value, and from its setting, which is defined by its prominent location within an urban location and from contemporary residential development. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH075	Clay pits, Gresty Terrace	Non-designated	Low	The asset is located approximately 140m away from the route of the Proposed Scheme, and will not be affected. The asset derives its significance from its archaeological/evidential value. The current setting is not thought to contribute to the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH076	Crewe Drill Hall	Listed building	Moderate	The asset is located approximately 610m away from the route of the Proposed Scheme. The significance of the asset is derived from its architectural and historic value, from	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				its communal value and from its setting, which is defined by the urban settlement of Crewe. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset.					
SCH077	Checkley Lane	Non-designated	Low	The significance of the asset lies in its historic and evidential value and its setting, which is defined by the rural landscape between two settlements. The asset is located within the land required for the Proposed Scheme. The lane crosses the countryside from Wrinehill towards Checkley and will be partially removed by the HS2 main line, Checkley Lane realignment, Checkley Lane overbridge, and earthworks for the overbridge, junction tie-in from Checkley Lane to Turncocks Lane, Checkley Lane footpaths, haul routes, and landscape planting. Appropriate mitigation will be carried out in accordance with the Draft Code of Construction Practice (CoCP) ² .	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH078	Possible moated site	Non-designated	Low	The asset is located within the land required for the Proposed Scheme and will be completely removed by construction works. These include landscaping, ecological habitat creation, and an unnamed watercourse diversion, and a haul route. The asset derives its	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

² Draft Code of Construction Practice, Volume 5: Appendix CT-003-000

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				significance from its archaeological/evidential value. The current setting is not thought to contribute to the significance of the asset. Appropriate mitigation will be carried out in accordance with the Draft CoCP.					
SCH079	Site of farmstead south of Heath Farm	Non-designated	Low	The asset is partially within the land required for the Proposed Scheme and will be partially removed by construction works. These include the HS2 main line, the Chorlton Lane diversion and haul route, a balancing pond, landscape planting, and habitat creation. The asset derives its significance from its archaeological/evidential value, possible association with Heath Farm as well as its wider rural setting. Appropriate mitigation will be carried out in accordance with the Draft CoCP.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH080	Field system and earthworks at Greenbank Farm	Non-designated	Low	The asset is located approximately 30m away from the route of the Proposed Scheme, and will not be affected. The asset derives its significance from its archaeological/evidential value. Its current setting is not thought to contribute to its significance.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH081	Crotia Mill Farm	Non-designated	Low	The asset is partially within the land required for the Proposed Scheme and an area of remnant field system will be partially removed by construction works associated with the Network Rail maintenance	Low	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				<p>access road. The asset derives its significance from its evidential value and its relationship with Basford Brook and the former mill race. Appropriate mitigation will be carried out in accordance with the Draft CoCP.</p> <p>The asset will also experience an additional change as a result of a proposed mixed-use development (planning reference: 15/1537N) that will partially remove the asset. This will constitute a permanent high adverse impact and a moderate adverse significant effect. There will be a cumulative effect as a result of construction of the Proposed Scheme and the proposed mixed-use development.</p>	High	Permanent Moderate Adverse Cumulative			
SCHo82	Basford Hall Sorting Sidings	Non-designated	Low	The asset is located approximately 220m away from the route of the Proposed Scheme. The significance of the asset is derived from its historic and evidential value and from its spatial and temporal relationship with the railway. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCHo83	Crewe Carriage Shed	Non-designated	Low	The asset is located approximately 20m outside the land required for the Proposed Scheme. The significance of the asset is derived from its historic and evidential value, with some limited architectural value, and from its spatial and historic relationship with the	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				<p>railway, which defines its setting. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset.</p>					
SCHo84	Wagon shed south of Crewe Station	Non-designated	Low	<p>The significance of the asset is derived from its historic and evidential value, with some limited architectural value, and from its spatial and historic relationship with the railway, which defines its setting. The asset is located approximately 60m away from the land required for the Proposed Scheme. The setting is as operational railway heritage and part of the existing Crewe Railway Station. The construction of the Proposed Scheme will not lead to an impact on the significance of the asset.</p>	No change	Neutral	No impact upon significance.	No change	Neutral
SCHo85	Railway Emergency Control Centre	Non-designated	Low	<p>The asset is within the land required for the Proposed Scheme. The significance of the asset is derived from its historic and evidential value, with some limited architectural value, and from its spatial and historic relationship with the railway and Crewe Station, which defines its setting. Construction works associated with the new Crewe Station footbridge, Crewe retaining wall 2, and new station platforms will be carried out adjacent to the asset, while the asset is also located the land required for the Motorail</p>	Low	Temporary Minor Adverse	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				Terminal main compound. This will lead to a temporary alteration of its setting during construction due to the movement and noise from construction traffic.					
SCHo86	Blacksmiths Workshop	Non-designated	Low	The asset is located approximately 50m away from the route of the Proposed Scheme, and will not be affected. The asset derives its significance from its historical and evidential value. Its setting and association with the existing railway form an important aspect of its setting, which contributes to its significance.	No change	Neutral	No impact upon significance.	No change	Neutral
SCHo87	Crewe Arms Hotel	Non-designated	Low	The asset is located approximately 20m away from the route of the Proposed Scheme. The significance of the asset is derived from its historic and architectural value and from its setting, which is defined by its spatial and historic relationship with the railway. The construction of the Proposed Scheme will lead to a temporary impact on the setting of the asset from construction noise, equipment and traffic.	Low	Temporary Minor Adverse	No impact upon significance.	No change	Neutral
SCHo88	Kettle hole south-west of Wrinehill	Non-designated	Low	The asset is located approximately 190m away from the route of the Proposed Scheme, and will not be affected. The significance of the asset is derived from its palaeoenvironmental value.	No change	Neutral	No impact upon significance.	No change	Neutral
SCHo8g	Kettle hole south-west of Higher Den Farmhouse	Non-designated	Low	The asset is located within the land required for the Proposed Scheme and will be completely removed by construction works. These include	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				the HS2 main line, Blakenhall Southbound Spur embankment, the HS2 spur (southbound), two balancing ponds, landscape works, and borrow pit north of Checkley Lane, which has an assumed average depth of 3m and maximum depth of 12m. The significance of the asset is derived from its palaeoenvironmental value. Appropriate mitigation will be carried out in accordance with the Draft CoCP.			Scheme.		
SCHog0	Kettle hole north of Higher Den Farmhouse	Non-designated	Low	The asset is located within the land required for the Proposed Scheme. The significance of the asset is derived from its palaeoenvironmental value. Construction activities associated with upgrades to the existing WCML and an area of landscape works adjacent to the Blakenhall Bridleway 8 overbridge will, result in the removal of a portion of the asset. Appropriate mitigation will be carried out in accordance with the Draft CoCP.	Medium	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCHog1	Peat deposits at Betley Mere	Non-designated	Low	The asset is located approximately 210m away from the route of the Proposed Scheme, and will not be affected. The significance of the asset is derived from its palaeoenvironmental value.	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH092	Kettle hole north of Blakenhall Moss	Non-designated	Low	The asset is located approximately 325m away from the route of the Proposed Scheme, and will not be affected. The significance of the asset is derived from its palaeoenvironmental value.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH093	Kettle hole north-west of Betley Common	Non-designated	Low	The asset is located approximately 120m away from the route of the Proposed Scheme, and will not be affected. The significance of the asset is derived from its palaeoenvironmental value.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH094	Kettle hole north-west of Betley Common	Non-designated	Low	The asset is located approximately 400m away from the route of the Proposed Scheme, and will not be affected. The significance of the asset is derived from its palaeoenvironmental value.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH095	Kettle hole north-west of Betley Common	Non-designated	Low	This asset is located approximately 130m away from the route of the Proposed Scheme, and will not be affected. The significance of the asset is derived from its palaeoenvironmental value.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH096	Kettle hole near Gonsley Green	Non-designated	Low	The asset is partially within the land required for the Proposed Scheme and will be partially removed by construction works. These include the HS2 main line, the Crewe South cutting, the Blakenhall cutting, Blakenhall retaining wall 2, Chorlton retaining wall 2, the Chorlton South embankment, the South Crewe cutting satellite compound, a balancing pond, and associated landscape planting and infrastructure including haul roads.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				new element of modern infrastructure into its setting.					
SCH101	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
SCH102	Waybutt Lane	Non-designated	Low	The asset is within the land required for the Proposed Scheme. The asset derives its significance from its historical and evidential value and from its setting, which is defined by the rural landscape and its association with nearby farmsteads and settlements. The construction of the Proposed Scheme will result in a temporary impact on the significance of the asset through the introduction of construction noise and movement into its setting (see Volume 5: Appendix SV-002-005). The construction of the Proposed Scheme will result in a permanent impact on the significance of the asset through the introduction of a new element of modern infrastructure into its setting.	Minimal Minimal	Temporary Negligible Adverse Permanent Negligible Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
SCH103	Demesne House	Listed building	Moderate	The asset is located approximately 2km from the land required for the Proposed Scheme. The significance of the asset is derived from its historic fabric and its setting. Its setting is defined by its historic and spatial relationship with surrounding buildings and from the immediate rural landscape. The asset will be screened from the route of the Proposed Scheme by intervening	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				vegetation. The Proposed Scheme will not lead to an impact upon the significance of the asset.					
SCH104	Hatherton Lodge	Listed building	Moderate	The asset is located approximately 2km away from the land required for the Proposed Scheme. The significance of the asset is derived from its history fabric and from its setting. The setting of the asset is defined by the immediate rural landscape, a wooded area to the north and its historic access along Lodge Lane. The asset will be screened from the route of the Proposed Scheme by intervening vegetation. The Proposed Scheme will not lead to an impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH105	East and West Lodges Gates and Piers	Listed building	Moderate	The asset is located approximately 400m away from the land required for the Proposed Scheme. The significance of the asset lies in its historic fabric and its setting. The setting of the asset is defined by its location adjacent to the road, its location astride the historic access way to a former estate and the wooded area around the southern edge of the asset. The Proposed Scheme will not lead to an impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH106	The Cottage	Listed building	Moderate	The asset is located approximately 350m away from the land required for the Proposed Scheme. The significance of the asset is derived from its historic fabric and from its setting. The setting of the asset is	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				defined by its location at the junction between London Road and Wybunbury Road and from the surrounding rural landscape. The Proposed Scheme will not lead to an impact upon the significance of the asset.					
SCH107	Thatchers	Listed building	Moderate	The asset is located approximately 400m away from the land required for the Proposed Scheme. The significance of the asset is derived from its historic fabric and its roadside location within a rural landscape, which defines its setting. The Proposed Scheme will not lead to an impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH108	The Cliffe	Listed building	Moderate	The asset is located approximately 500m away from the land required for the Proposed Scheme. The significance of the asset is derived from its historic fabric and from its setting. The setting of the asset is defined by its relationship to surrounding buildings; it derives no significance from its wider setting. The Proposed Scheme will not lead to an impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH109	Delves Church of England School	Listed building	Moderate	The asset is located adjacent to minor off-route highways works on B5071 Wybunbury Road, where additional parking spaces are being added. The significance of the asset is derived from its historic fabric, its communal value and from its spatial and historic relationship with the	Minimal	Temporary Negligible Adverse	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				settlement at Wybunbury. The asset's setting is defined by its roadside location and the relationship with Wybunbury. Construction work associated with road modifications will lead to a temporary impact on the setting of the asset through the introduction of construction traffic and noise (see Volume 5: Appendix SV-002-005).					
SCH110	Tower of the former Church of St Chad	Listed building	High	The asset is located approximately 530m away from the land required for the Proposed Scheme. The significance of the asset is derived from its historic fabric, from its communal value and from its setting. The setting of the asset is defined by its spatial relationship its graveyard, its spatial and historic relationship with the settlement at Wybunbury and as a prominent building in the wider landscape. The asset is screened from the route of the Proposed Scheme by intervening vegetation and buildings. The Proposed Scheme will not lead to an impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH111	Rose Cottage	Listed building	Moderate	The asset is located approximately 560m away from the land required for the Proposed Scheme. The significance of the asset is derived from its historic fabric and from its setting. The asset's setting is defined by its roadside location and its spatial and historic relationship with the settlement of Wybunbury. The Proposed Scheme will not lead	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				to an impact upon the significance of the asset.					
SCH112	The Swan Inn	Listed building	Moderate	The asset is located approximately 570m away from the land required for the Proposed Scheme. The significance of the asset is derived from its historic fabric and from its setting. The asset's setting is defined by its roadside location and its spatial and historic relationship with the settlement of Wybunbury. The Proposed Scheme will not lead to an impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH113	Wybunbury War Memorial	Listed building	Moderate	The asset is located approximately 700m away from the land required for the Proposed Scheme. The significance of the asset is derived from its historic fabric, its communal value and its setting, which is defined by its spatial relationship with the settlement of Wybunbury. The Proposed Scheme will not lead to an impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
SCH114	Grove House	Listed building	Moderate	The asset is located approximately 1.5km away from the land required for the Proposed Scheme. The asset derives its significance from its historic fabric and from its setting. The setting of the asset is defined by the surrounding garden to the west, by its roadside location and by the immediate rural landscape. The Proposed Scheme will not lead to an impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH115	The Poplars	Listed building	Moderate	The asset is located approximately 1.5km away from the land required for the Proposed Scheme. The asset derives its significance from its historic fabric and its setting. The asset's setting is defined by the farmyard complex within which it sits, its spatial and historic relationship with the buildings within the complex and from the immediate rural landscape. The Proposed Scheme will not lead to an impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
SCH116	Moated site 300m South-East of St Chad's Church	Scheduled monument	High	The asset is located approximately 250m away from the land required for the Proposed Scheme. Its significance is derived from its evidential value and from its setting. The asset's setting is defined by its location and relationship with the settlement at Wybunbury, its relationship with the tower of St Chad's Church and the immediate rural landscape.	No change	Neutral	No impact upon significance.	No change	Neutral

2 References

HS2 Ltd (2017), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Background Information and Data, Cultural heritage survey reports*, BID-CH-004-005. Available online at: www.gov.uk/hs2.

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