



High Speed Rail (West Midlands - Crewe)

Environmental Statement

Volume 5: Technical appendices

CA2: Colwich to Yarlet

Cultural heritage impact assessment table (CH-003-002)



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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 Colwich to Yarlet community area (CA2) comprise:

- baseline reports (Volume 5: Appendix CH-001-002);
- a gazetteer of heritage assets (Volume 5: Appendix CH-002-002);
- 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-002-002 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: Appendix 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-004-002, www.gov.uk/hs2

Table 1: Impact assessment for the Colwich to Yarlet 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
COY001	Mound, Moreton Brook	Non-designated	Low	The asset is of unknown origin but the form of it suggests it may be the remains of a Bronze Age burial mound or a medieval mill mound, is located within the land required for the Proposed Scheme. Its significance is primarily derived from its evidential value. The construction of the Proposed Scheme will require the removal of approximately two thirds of this archaeological asset for construction of the Moreton North embankment.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY002	Upper Morton Farm	Non-designated	Low	The asset is located approximately 475m to the north of the route of the Proposed Scheme. The asset derives its significance from its historic fabric and its relationship with surrounding farm buildings that form its immediate setting and the surrounding rural landscape that forms its wider setting and contributes to the understanding of its function and context. Access to the asset will be temporarily interrupted by the upgrade to its shared access track, and mitigation planting works will be undertaken within approximately 150m. The route of the Proposed Scheme will run on the Moreton North embankment approximately 500m to the north. It will slightly curtail open field views and will constitute	Low Medium	Temporary Minor Adverse Permanent Minor Adverse	There will be an impact on the setting of the asset due to the operation of the Proposed Scheme, which will introduce noise and visual impacts from trains running on the embankment approximately 500m to the north. These changes will alter the rural setting of the asset.	Low	Permanent Minor 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
				an intrusive element of modern transport infrastructure into the asset's rural setting.					
COY003	Ridge and furrow adjacent to Upper Moreton Farm	Non-designated	Low	This archaeological asset lies within the land required for the Proposed Scheme, and will be affected. The asset derives its significance from its archaeological/evidential value as well as any association with contemporary settlement. The current setting of the asset is not thought to contribute to its significance.	Medium	Permanent Low Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY004	Moreton Grange	Non-designated	Low	The land required for the Proposed Scheme will be located approximately 10m from the farmyard buildings and approximately 15m from the farmstead that comprise this asset. The significance of the asset lies in its form and fabric: it is a U-shaped red brick farmstead of which the farmhouse partially completes its open side. It has one of the characteristic forms of the large farmsteads that were developed in the Staffordshire lowlands in the 19 th century, and here remains largely unaltered since depicted on late 19 th century Ordnance Survey maps. Its significance also lies in its setting, defined by its historic relationship to other farmsteads at Moreton, with its historic access track and from its topographic position within a rural landscape. Construction activity associated	High	Temporary Moderate Adverse	There will be an impact on the setting of the asset due to the operation of the Proposed Scheme, which will introduce noise and visual impacts from trains running on the embankment and transitioning to cutting, approximately 75m to the north.	High	Permanent Moderate 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
				with the Moreton North embankment and the Moreton cutting will take approximately two years and nine months to complete and will introduce noise and visual impacts into the quiet rural setting of this heritage asset (see Volume 5: Appendix SV-002-002). The route of the Proposed Scheme will run on embankment transitioning to cutting approximately 75m to the north of the asset. This will fundamentally change the rural agrarian character of the asset.	High	Permanent Moderate Adverse			
COY005	Surviving ridge and furrow at Moreton	Non-designated	Low	The asset is located within the land required for the Proposed Scheme. The asset derives its significance from its archaeological/evidential value. The current setting of the asset is not thought to contribute to its significance. Approximately half of this archaeological asset lies within the land required for the Proposed Scheme and will be removed for the construction of the Moreton cutting, the Moreton auto-transformer station (ATS) and the Moreton ATS railway systems compound.	Medium	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY006	Moreton House	Listed building	Moderate	The asset is located approximately 20m away from the land required for the Proposed Scheme. The asset's significance is derived from its historic fabric, from its group value with other assets in the area and from its setting. The setting is derived from its spatial and historic	High High	Temporary Major Adverse Permanent Major Adverse	There will be a permanent impact during operation of the Proposed Scheme as a result of changes to the setting of the asset, through introduction of noise and visual impacts from trains running on the	High	Permanent Major 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
				relationship with its walled garden, surrounding relict landscape features and its relationship to the historic settlement of Moreton to the north-east. Its wider setting is defined by the surrounding rural landscape. Views south across the rural landscape from the main façade of Moreton House (which stands approximately 17m north of the land required for the Proposed Scheme) will be obstructed by construction of Moreton cutting and retaining wall, which will take place over approximately two years and nine months. The route of the Proposed Scheme will run in Moreton cutting, which will be located approximately 40m from the house and approximately 20m from its curtilage. The cutting will remove part of the former gardens of Moreton House, including part of a surviving ha-ha, and will be in full view of the main facade of the house. Extensive countryside views to the south are likely to be curtailed by security fencing and mitigation planting.			embankment and in the cutting (see Volume 5: Appendix SV-002-002).		
COY007	Moreton House Garden	Non-designated	Low	The asset is located within the land required for the Proposed Scheme. The asset derives its significance from its evidential value and association with Morton House. The ha-ha marking the southern boundary of the remnant late 18 th /early 19 th century formal garden around Moreton House will	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
				be completely removed during construction of the Moreton cutting.					
COYoo8	Moreton Farm	Non-designated	Low	The asset is located approximately 14,5m from the land required for the Proposed Scheme. The asset derives its significance from its historic fabric, its relationship with other buildings and farmsteads within the Moreton settlement area and from its setting, which is characterised by the asset's relationship with historic trackways and the wider rural landscape. Construction activity associated with Moreton cutting, which will be approximately 190m from the asset, will temporarily introduce disturbance and visual impacts into the rural setting of Moreton Farm. Historic access to Moreton Farm will also be disrupted during construction. The route of the Proposed Scheme will run in cutting to the south of Moreton Farm and intervening landform means it will not be visible from the asset. Historic access to the asset will be permanently realigned.	Medium Minimal	Temporary Minor Adverse Permanent Negligible Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COYoo9	Moreton - possible moated site and ridge and furrow earthworks	Non-designated	Moderate	This archaeological asset lies approximately 135m outside of the land required for the Proposed Scheme, and will not be affected. The asset derives its significance from its archaeological/ evidential value. The setting of the asset is not	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
				considered to contribute to its significance.					
COY010	Moreton farm buildings	Non-designated	Low	The asset lies approximately 85m from the land required for the Proposed Scheme. The asset derives its significance from its historic fabric and from its setting, which is defined through its spatial and historic relationships with other assets around Moreton and from the wider rural landscape. Construction activities associated with the Proposed Scheme will temporarily introduce disturbance and visual impact into the setting of the asset from construction traffic. The Proposed Scheme will represent a permanent visual intrusion onto the setting of the asset.	Medium Medium	Temporary Minor Adverse Permanent Minor Adverse	The operation of the Proposed Scheme will lead to a visual impact on the asset through the movement of passing trains. However, this intrusion will be transient and intermittent.	Low	Permanent Negligible Adverse
COY011	Doric screen, garden walls and parterre curb north of Bishton Hall	Listed building	High	This asset lies approximately 225m from the land required for the Proposed Scheme, and specifically the widening of Bishton Lane, which will take approximately nine months to complete. Other construction works lie more than 1.5km away, and the route of the Proposed Scheme will run approximately 1.9km away, to the north of the Trent Valley railway line. The asset derives its significance from its architectural and historical value, its relationship to Bishton Hall and the garden, which it is enclosed. The asset and the formal garden comprise one of	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
				the most important monuments of the later Greek Revival in Staffordshire ² The setting of the asset will not be impacted upon by the Proposed Scheme.					
COY012	Bishton Hall (and associated coach house, stables and orangery)	Listed buildings	Moderate	This asset lies approximately 285m from the land required for the Proposed Scheme, and specifically the widening of Bishton Lane, which will take approximately nine months to complete. Other construction works lie more than 1.5km away, and the route of the Proposed Scheme will run approximately 2km away, to the north of the Trent Valley railway line. The asset is an 18 th century country house extended in the 19 th century, and is listed at Grade II* for its special architectural interest. It also derives significance from its relationship with the associated buildings in this group, and particularly with the Doric screen, garden walls and the formal garden they enclose, which together comprise one of the most important monuments of the later Greek Revival in Staffordshire. The intervening buildings, landforms and vegetation mean that its setting	No change	Neutral	No impact upon significance.	No change	Neutral

² Mowl, T. and Barre, D. (2009). *The Historic Gardens of England: Staffordshire*. Bristol: Redcliffe, p. 229

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 Bishton Hall and associated buildings will not be impacted upon by the Proposed Scheme.					
COY013	Circular earthwork 360m east of Bishton Hall	Scheduled monument	High	This asset (a Bronze Age bowl barrow) lies approximately 590m from the land required for the Proposed Scheme, and specifically the widening of Bishton Lane, which will take approximately nine months to complete. The asset is approximately 1.8km from the route of the Proposed Scheme. The asset derives its significance from its archaeological/evidential value. Intervisibility with other contemporary monuments, such as one to the north, may also form a key aspect of its setting that contributes to its significance. Intervening buildings, landforms and vegetation mean that its setting will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COY014	Moated site (south-west of Colwich Church)	Scheduled monument	High	This asset lies approximately 1.2km from the land required for the Proposed Scheme. The asset derives its significance from its archaeological/ evidential and historical value. Its location and setting in the Trent Valley and association with the medieval settlement of Colwich to the north form a key aspect of its setting that contributes to its significance. Intervening buildings, landforms and vegetation mean that its setting will not be affected.	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
COY015	Far Coley Farm	Non-designated	Low	The asset lies approximately 365m from the land required for the Proposed Scheme. It derives its significance from its surviving historic fabric and from its setting, which is defined by its spatial and historic relationship, and interrelationship with other historic buildings and the historic rural landscape. The construction of the Proposed Scheme will temporarily impact upon the setting of the asset through the introduction of disturbance from construction traffic and activities. The Proposed Scheme will represent a permanent visual intrusion onto the setting of the asset.	Medium Medium	Temporary Minor Adverse Permanent Minor Adverse	The operation of the Proposed Scheme will lead to a visual impact on the asset through the movement of passing trains. However, this intrusion will be transient and intermittent.	Low	Permanent Negligible Adverse
COY016	Farmhouse near Coley Farm	Non-designated	Low	The asset lies approximately 525m from the land required for the Proposed Scheme. It derives its significance from its surviving historic fabric and from its setting, which is defined by its spatial and historic relationship, and interrelationship with other historic buildings and the historic rural landscape. The construction of the Proposed Scheme will temporarily impact upon the setting of the asset through the introduction of disturbance from construction traffic and activities. The Proposed Scheme will represent a permanent visual intrusion onto the setting of the asset.	Low Low	Temporary Negligible Adverse Permanent Negligible Adverse	The operation of the Proposed Scheme will lead to a visual impact on the asset through the movement of passing trains. However, this intrusion will be transient and intermittent.	Low	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
COY017	Tithebarn Farm Cottages	Non-designated	Low	The asset lies within the land required for the Proposed Scheme and will be demolished during the construction of the Moreton cutting. The asset derives its significance from its architectural and historic value as well as its rural agricultural setting.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY018	Colwich Tithebarn (site of)	Non-designated	Low	The asset derives its significance from its archaeological/evidential value, as the site of a medieval or post-medieval tithe barn and any associated structures and archaeological deposits. The asset lies within the land required for the Proposed Scheme and associated buried archaeological remains will be removed during the construction of the Moreton cutting.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY019	Enclosure, Tolldish Lane, Colwich	Non-designated	Low	The asset, a cropmark enclosure of probable prehistoric or Roman date, lies immediately adjacent to the land required for the Proposed Scheme. The asset derives its significance from its archaeological/evidential value as well as any association with contemporary features. The current setting of the asset is not thought to contribute to its significance.	Low	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme	No change	Neutral
COY020	Ivyhouse Farmhouse, Hixon	Listed building	Moderate	The asset lies within the built-up area of Hixon, approximately 1.1km from the land required for the Proposed Scheme. The asset primarily derives its significance from its architectural and historic	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
				value. Due to modern residential development, the setting of the asset no longer contributes substantially to its significance. Intervening buildings, landforms and vegetation mean that its setting will not be affected.					
COY021	New Road Farmhouse, Hixon	Listed building	Moderate	The asset lies within the built-up area of Hixon, approximately 1km from the land required for the Proposed Scheme. The asset primarily derives its significance from architectural and historic value. Due to modern residential development, the setting of the asset no longer contributes substantially to its significance. Intervening buildings, landforms and vegetation mean that its setting will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COY022	Church of St Peter, Hixon	Listed building	Moderate	The asset lies within the built-up area of Hixon, approximately 700m from the land required for the Proposed Scheme. The asset derives its significance from its architectural value, historic fabric and evidential value as well as its communal value and setting. The relationship between the church and its churchyards, as well as the interrelationship between the church, settlement and road, are key aspects of its setting that contribute to its significance. Intervening buildings, landforms and vegetation mean that its setting will not be affected.	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
COY023	Colwich and Little Haywood Conservation Area	Conservation area	Moderate	The asset lies approximately 1.4km from the land required for the Proposed Scheme. The significance of the asset is derived from the layout of the historic settlement and the interrelationship of the buildings within it. It also has evidential value with the ability to contain information about medieval and later settlement. Views of the River Trent to the south and of fields and woodland to the north contribute to its significance. Intervening buildings, landforms and vegetation mean that its setting will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COY024	Wychdon Lodge, Hixon	Listed building	Moderate	The asset lies approximately 1.3km from the land required for the Proposed Scheme. The asset derives its significance from its architectural and historical value. It has group value with a number of outbuildings and a walled garden, which form a key aspect of its setting. There is also a later interrelationship with Hixon Airfield to the north-east. Intervening buildings, landforms and vegetation mean that its setting will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COY025	Toll House, Toldish Lane, Great Haywood	Non-designated	Low	The asset lies approximately 8m outside of the land required for the Proposed Scheme. The asset derives its significance from its surviving historic fabric and from the key element of its setting, which is its location adjacent to the	Medium	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
				<p>junction of Tolldish Lane and the A51 Lichfield Road. The junction has been substantially remodelled (as has the Toll House) and retains little of its historic character. The construction of the Proposed Scheme will temporarily impact upon the asset by means of changes in its setting associated with construction traffic and activities, which will impair the ability to experience and understand the asset in its roadside context. However, the asset is already subject to similar (though lesser) impacts by virtue of its location adjacent to the busy A51 Lichfield Road and the additional impacts will result in a temporary minor adverse effect. Construction activities associated with the Proposed Scheme will be present in views from and to the asset but will not impact upon the ability to experience and understand the asset in its roadside setting.</p>					
COY026	Colwich	Listed buildings	Moderate	<p>This group of assets lies approximately 0.8km from the land required for the Proposed Scheme, and specifically the widening of Bishton Lane, which will take approximately nine months to complete. Other construction works lie more than 1.9km away. This group of assets reflect aspects of the post-medieval history of the settlement and have evidential, communal and historical value. The</p>	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
				interrelationship of the buildings and streetscape form a key aspect of the setting of the asset as well as its relationship to the River Trent and local road network. Intervening buildings, landforms and vegetation mean that its setting will not be affected by the Proposed Scheme.					
COY027	St Mary's Abbey, Colwich	Listed building	Moderate	This asset lies within the built-up area of Colwich, approximately 1.3km from the land required for the Proposed Scheme. The asset primarily derives its significance from its architectural and historic value. The extensive gardens surrounding the complex also form a key aspect of its setting. The wider setting has been altered by recent development. Intervening buildings, landforms and vegetation mean that its setting will not be affected by the Proposed Scheme.	No change	Neutral	No impact upon significance.	No change	Neutral
COY028	Lamb and Flag Inn, Colwich	Listed building	Moderate	This asset lies within the built-up area of Colwich, approximately 1.8km from the land required for the Proposed Scheme. The asset primarily derives its significance from its architectural and historical significance. Its location at an important road junction and near the river and canal are a key part of its function and setting. Intervening buildings, landforms and vegetation mean that its setting will not be affected by the Proposed Scheme.	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
COY029	The Yeld, Colwich	Listed building	Moderate	This asset lies within the built-up area of Colwich, approximately 1.8km from the land required for the Proposed Scheme. The asset derives its significance from its architectural and historical value. Due to modern development, its setting is no longer thought to contribute substantially to its significance. Intervening buildings, landforms and vegetation mean that its setting will not be affected by the Proposed Scheme.	No change	Neutral	No impact upon significance.	No change	Neutral
COY030	Group of historic buildings at the northern end of Great Haywood	Listed buildings	Moderate	This asset group lies within the built-up area of Great Haywood, approximately 440m from the land required for the Proposed Scheme. The buildings have both architectural and historic value and through their interrelationship also have a group value. The location of the buildings at an important road junction and overlooking the Trent river valley also form a key aspect of their setting. Intervening landform and buildings mean that its setting will not be affected by the Proposed Scheme.	No change	Neutral	No impact upon significance.	No change	Neutral
COY031	North Staffordshire Railway	Non-designated	Low	The asset has evidential and historical value with some principal features and fabric still present. Sharing a common function, the Proposed Scheme, whose route crosses the asset adjacent to Great Haywood Marina, will not affect the setting of the North Staffordshire Railway.	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
COY032	Great Haywood/ Shugborough Park	Listed buildings	High	The asset lies outside of the land required for the Proposed Scheme. The asset derives its significance from its architectural and historical value as well as its setting. Focused on the connection of Shugborough Park and Great Haywood, the asset forms a semi-monumentalised approach and elements of the River Trent and Trent and Mersey Canal forming key aspects of its setting. The interrelationship between these assets forms a coherent, enclosed setting with the wider landscape not thought to form an integral part of its setting. With the exception of Essex Bridge (COY033), all assets in this group lie within the built-up area of Great Haywood, and intervening buildings mean their setting will not be affected by the Proposed Scheme.	No change	Neutral	No impact upon significance.	No change	Neutral
COY033	Essex Bridge	Scheduled monument and Listed building	High	The asset will lie approximately 490m from the land required for the Proposed Scheme, and approximately 1km from the route of the Proposed Scheme. The asset derives its significance from its architectural, aesthetic and historical value as well as its communal function. The location and setting of the bridge in relation to the River Trent also add to its significance. The route of the Proposed Scheme will be screened from view by intervening vegetation and will not affect the asset's setting.	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
COY034	Shugborough Park	Registered Park and Garden and Listed buildings	High	The asset lies approximately 335m from the land required for the Proposed Scheme (an access track) and approximately 790m from the main construction works. It will lie approximately 950m from the route of the Proposed Scheme. The asset derives its significance from its historic and aesthetic value as well as the group value and interrelationship between the several listed buildings and structures within it. The relationship between the elements of the designed landscape within the park and the relict elements of the wider medieval landscape also contribute to its significance. Views into and out of the park are limited by tree belts with wider views only available from the southern part of the park. The route of the Proposed Scheme will be shielded from view by the perimeter planting of the asset and by other intervening vegetation in the Trent Valley and will not affect the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COY035	Shugborough Hall	Listed building	High	The asset lies approximately 600m from the land required for the Proposed Scheme (a side access track), approximately 1km from the main construction works, and will lie approximately 1.2km from the route of the Proposed Scheme. The asset derives its significance from its architectural and historic value as well as its relationship and group value with associated assets	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
				including the registered park and garden. The formal garden and wider park form the key aspect of the setting of the asset with key views to the north and west. The route of the Proposed Scheme will be shielded from view by the perimeter planting around the northern parts of Shugborough Park and by other intervening vegetation in the Trent Valley. It will not affect the asset's setting.					
COY036	Shugborough Triumphal Arch	Listed building	High	The asset is located on high ground toward the southern end of Shugborough Park. Its elevated position means the arch affords the best viewpoint for an appreciation of Shugborough Hall, Shugborough Park and several parkland structures. It also affords important outward views across the Trent Valley in the direction of Ingestre Hall and the former Tixall Hall, which are documented in the Shugborough Parkland Management Plan and in the Great Haywood and Shugborough Conservation Area Appraisal. The asset has architectural and historic value. Works associated with the construction of the Great Haywood viaduct and the Trent South and the Trent North embankments will be present in important outward views, albeit partly masked by trees and at a distance of approximately 1.7km, and the impact is therefore not expected to be significant. Once	Low	Permanent Moderate Adverse	There will be an impact on the setting of the arch due to the presence of the operating Proposed Scheme in important outward views across the Trent Valley towards Ingestre Hall and the former Tixall Hall. Trains will run on the Great Haywood viaduct and Trent South and Trent North embankments approximately 2.2km to the north of the arch, and will be partially masked by trees.	Low	Permanent Moderate 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
				constructed, the Great Haywood viaduct and the Trent South and Trent North embankments will be visible in outward views, albeit partly masked by trees and at a distance of approximately 2.2km.					
COY037	Trent and Mersey Canal Conservation Area	Conservation area	Moderate	The asset lies partially within the land required for the Proposed Scheme. The asset primarily derives its significance from its historical and evidential value as a well preserved piece of early Industrial Revolution transport infrastructure, but also has communal value through its use as a publicly accessible leisure resource. The location and situation of the canal at the base of the River Trent valley is a key aspect of its design and setting. This setting has changed relatively little since the 18 th and 19 th centuries and is at least indicative of its post-medieval form. Buildings and structures within the conservation area relating to the construction and operation of the canal also add to its significance. Temporary works and plant associated with the construction of the Great Haywood viaduct will result in temporary visual impacts upon the asset. The construction of the Proposed Scheme will introduce a piece of 21 st century transport infrastructure to the setting of the asset, which will represent a permanent visual intrusion.	Medium Medium	Temporary Moderate Adverse Permanent Moderate Adverse	The operation of the Proposed Scheme will lead to an impact on the asset through the introduction of visual impacts from passing trains. This will adversely alter the setting of the asset.	Medium	Permanent Moderate 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
COY038	Trent and Mersey Canal Middle Bridge Number 75, near Great Haywood	Listed building	Moderate	The asset lies approximately 18m from the land required for the Proposed Scheme. The asset derives its significance from its architectural and historic value as a well preserved piece of early Industrial Revolution transport infrastructure, as well as its relationship to the canal. While noise will be introduced into the setting of the asset during construction, the route of the Proposed Scheme will not be visible from the bridge and no impact on significance is predicted (see Volume 5: Appendix SV-002-002).	No change	Neutral	No impact upon significance.	No change	Neutral
COY039	Milepost Trent and Mersey Canal at Heywood Junction immediately north of Mill Lane Crossing	Listed building	Moderate	The route of the Proposed Scheme will run approximately 50m away to the north. The milepost derives its significance from its function and its historical association with the canal. The setting of the milepost will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COY040	Staffordshire and Worcestershire Canal Conservation Area	Conservation area	Moderate	The asset lies approximately 520m from the land required for the Proposed Scheme. The asset primarily derives its significance from its historical and evidential value as a well preserved piece of early Industrial Revolution transport infrastructure, but also has communal and aesthetic value through its use as a publicly accessible leisure resource. The location and situation of the canal at the base of the River Trent valley	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
				is a key aspect of its design and setting. Buildings and structures within the conservation area relating to the design and operation of the canal also add to its significance. The route of the Proposed Scheme is likely to be visible from the conservation area but this is not thought to impact on any of the key elements of its setting.					
COY041	Great Haywood and Shugborough Conservation Area	Conservation area	Moderate	The asset lies approximately 300m from the land required for the Proposed Scheme; it will lie approximately 600m from the route of the Proposed Scheme. The asset derives its significance from its historic and aesthetic value as well as the group value and interrelationship between the Grade I registered park and garden and several listed buildings and structures within it (many at Grade I or II*). The relationship between the elements of the designed landscape within the park and the relict elements of the wider medieval landscape also contribute to its significance. Views into and out of the park are limited by tree belts with wider views only available from the southern part of the park. The route of the Proposed Scheme will be shielded from view by the perimeter planting of the asset and by other intervening vegetation in the Trent Valley and will not affect the asset's setting.	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
COYo42	Hoo Mill Lock, Bridge and Lock Keeper's Cottage, Trent and Mersey Canal, Hoo Mill Lane, Colwich	Listed buildings	Moderate	The asset lies immediately adjacent to the land required for the Proposed Scheme. The asset primarily derives its significance from its architectural and historic value with the relationship to the canal and bridge forming a key aspect of its setting. The key elements of the setting of the asset that contribute to its significance will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COYo43	Trent and Mersey Canal Pasture Fields Bridge Number 77	Listed building	Moderate	The asset lies approximately 260m from the land required for the Proposed Scheme. The asset primarily derives its significance from its architectural, aesthetic and historic value with the relationship to the canal forming a key aspect of its setting. The setting of the asset will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COYo44	Hoo Mill, Ingestre	Non-designated	Low	This asset, a 19 th century mill, is located within the land required for the Proposed Scheme. The asset primarily derives its significance from its architectural and historical value as well as the interrelationship between the mill and associated assets such as the former mill pond, river and wharf, which form a key aspect of its setting. The asset may also have evidential value in respect of buried archaeological remains, as the Staffordshire Historic Environment Record indicates that it may be located on the site of an earlier mill, and perhaps of the mill referenced	Medium Medium	Temporary Minor Adverse Permanent 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
				in Domesday Book. A construction compound to the north and haul road to the west will introduce temporary impacts into the setting of the asset while the construction of the viaduct crossing to the south will be a temporary change to its riverside setting.					
COY045	Hoo Mill cropmarks	Non-designated	High	This asset is located within the land required for the Proposed Scheme. The asset primarily derives its significance from its archaeological/evidential value. Its setting, on the edge of the River Trent valley, and views to contemporary features (COY048), may also contribute to its significance. The buried archaeological remains of two Bronze Age round barrows and an Iron Age or Roman field boundary will be completely removed during the construction of the Trent North embankment.	High	Permanent Major Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY046	Trent water meadows	Non-designated	Low	This asset is located within the land required for the Proposed Scheme. The asset primarily derives its significance from its evidential and historical value of past land use. The location of the asset in the River Trent valley is key to its function and setting. The remnant above-ground and buried remains of this asset will be substantially removed during the construction of the Great Haywood viaduct. However, much of the	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
				asset will remain and will still be legible.					
COY047	Ridge and furrow north of Great Haywood	Non-designated	Low	The asset lies immediately adjacent to the land required for the Proposed Scheme. The asset derives its significance from its archaeological/evidential value as well as any association with contemporary features. The current setting of the asset is not thought to contribute to its significance.	No change	Neutral	No impact upon significance.	No change	Neutral
COY048	Ingestre gravels cropmarks	Non-designated	High	This asset is located within the land required for the Proposed Scheme. The asset primarily derives its significance from its archaeological/evidential value. It's setting on the edge of the river valley and views to contemporary features (COY045) may also contribute to its significance. The below-ground archaeological remains of a double pit alignment of probable Iron Age date and three continuous ditched boundaries of probable Iron Age or Roman date, which are part of a larger complex of cropmarks that also contains three probable Bronze Age burial mounds and a possible Iron Age square barrow, will be removed during the construction of the Trent North embankment.	High	Permanent Major Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY049	Ingestre Conservation Area	Conservation Area	Moderate	This asset is located within the land required for the Proposed Scheme. The asset, which contains a Grade I listed church designed by	Medium Medium	Temporary Moderate Adverse Temporary	The operation of the Proposed Scheme will lead to a permanent impact on the asset	Medium	Permanent Moderate 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
				<p>Christopher Wren (the only Wren church outside of London), the Grade II* Ingestre Hall and Grade II old and New Stables, Orangery and Pavilion, along with part of the Hall's current and former park and pleasure gardens, derives its significance from its architectural, historic and aesthetic values, and also group value. The interrelationship between the house, associated structures, settlement and the designed landscape form an integral part of the setting that contributes to the significance of the asset. There are limited external views across the wider rural landscape. The Trent North embankment will remove the southern end of Lionlodge Covert and the Brancote South cutting will impinge upon the southern edge of Ingestre Wood adjacent to The Mounts. The route of the Proposed Scheme will be in full view on the Trent South embankment as it runs to the south of the tree lined drive running between Ingestre Hall and Lion Lodge. The route of the Proposed Scheme will not be visible where it is in the Brancote South cutting, but associated structures, including the Tixall Bridleway 0.1628 accommodation overbridge, will be visible. This will lead to both temporary construction impacts and permanent changes to the asset.</p>		Moderate Adverse	through the introduction of visual impacts from passing trains running on the Trent North embankment. This will adversely alter the asset's setting.		

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
COY050	Little Ingestre	Non-designated	Low	This asset is situated approximately 265m away from the land required for the Proposed Scheme. The asset derives its significance from its evidential and historic value, through its association with the Ingestre Estate, along with any surviving architectural elements and fabric of 19 th century date. The wider rural agricultural setting is also thought to contribute to the significance of the asset, which is on the original, pre 1789 site of the Home Farm of the Ingestre Estate. The route of the Proposed Scheme will be screened from view by the Dower House and by Ginders Covert and Lionlodge Covert and will not affect the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COY051	Cropmarks, Little Ingestre	Non-designated	Low	The asset lies approximately 265m away from the land required for the Proposed Scheme. The asset primarily derives its significance from its archaeological/evidential value relating to the medieval landscape and possible prehistoric monuments. Relic aspects of the medieval landscape as well as views to other prehistoric monuments (COY045, COY048) also contribute to the significance of the asset. The Proposed Scheme will not impact on the key aspects of the setting of the asset that contribute to its 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
COY052	Ingestre village	Listed building	Moderate	This asset lies approximately 40m from the land required for the Proposed Scheme. The asset primarily derives its significance from its historic association with Ingestre Estate, but also from the architectural value of the listed K6 telephone box and the non-designated buildings within the village. The interrelationship between the structures also contributes to its significance although the woodland setting of the asset screens wider views to the west, south and east. The route of the Proposed Scheme will be screened from view by mature trees planted between the village and the Ingestre Park golf course and by mature trees planted within the golf course itself. It will not affect the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COY053	Ingestre Golf Course - medieval cropmarks/LiDAR features	Non-designated	Low	This asset is partially located within the land required for the Proposed Scheme. The asset primarily derives its significance from its archaeological/evidential value relating to former land use. Due to substantial changes in the landscape in the 19th and 20 th centuries, the setting of the asset is no longer considered to contribute to its significance. The eroded earthworks and below-ground archaeological remains associated with a post-medieval agricultural landscape visible as cropmarks and in the LiDAR dataset will be	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
				partially removed for the construction of the Brancote South cutting.					
COY054	Lions Lodge cropmarks	Non-designated	High	This asset is located within the land required for the Proposed Scheme. The asset primarily derives its significance from its archaeological/evidential value. Views to contemporary features to the north may also contribute to its significance. Buried archaeological remains associated with the cropmark remains of a probable Iron Age square barrow and a rectilinear enclosure, land boundaries and pit alignments will be almost entirely removed for the construction of the Trent North embankment.	High	Permanent Major Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY055	Lion Lodges, Ingestre	Non-designated	Low	This asset is situated approximately 50m from the land required for the Proposed Scheme. It derives its significance primarily from its architectural and historic value. Its relationship with and location at the start of the drive to Ingestre Hall also contribute to its significance. The asset lies engulfed within Lionlodge Covert, which will screen the route of the Proposed Scheme from view.	No change	Neutral	No impact upon significance.	No change	Neutral
COY056	Finger post, Hoo Mill Lane, Tixall	Non-designated	Low	The asset is located within the land required for the Proposed Scheme. The asset derives its significance from its interrelated function and location. This asset will be removed	High	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
				temporarily during the construction of the Great Haywood viaduct, which will take approximately three years and three months to complete, and will be reinstated thereafter.					
COY057	Ingestre Home Farm	Listed building	Moderate	The asset, the Home Farm of Ingestre Hall and of early 19 th century date, primarily derives its significance from its architectural and historical value. Its rural setting and relationship to the Ingestre Hall and other farm buildings are key elements of its setting that contribute to its significance. The route of the Proposed Scheme will be located approximately 475m from the asset and will be screened from view by Ingestre Hall and adjacent built heritage assets, by the western perimeter planting of Ingestre Old Park, and by the planting within Ingestre Park Golf Club.	No change	Neutral	No impact upon significance.	No change	Neutral
COY058	Ingestre New Stables	Listed building	Moderate	The asset derives its significance in part from its architectural and historical value, and in part from its spatial and functional relationship with Ingestre Hall and adjacent buildings, which are key elements of its setting. The route of the Proposed Scheme will be located approximately 300m from the asset and will be screened from view by planting within the golf course of Ingestre Park Golf Club, existing	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
				tree cover on The Mounts and new planting.					
COY059	Orangery at Ingestre Hall	Listed building	Moderate	The asset derives its significance in part from its architectural and historical value, and in part from its spatial and functional relationship with Ingestre Hall and adjacent buildings, which are key elements of its setting. The route of the Proposed Scheme will be located approximately 500m from the asset. The asset is located within a walled garden, which, in addition to Ingestre Hall and associated built heritage assets and existing tree cover within the golf course of Ingestre Park Golf Club and upon The Mounts, will screen the route of the Proposed Scheme from view.	No change	Neutral	No impact upon significance.	No change	Neutral
COY060	Old Stables at Ingestre Hall to south of the Church of St Mary	Listed building	Moderate	The asset derives its significance in part from its architectural and historical value, and in part from its spatial and functional relationship with Ingestre Hall and adjacent buildings, which are key elements of its setting. The route of the Proposed Scheme will be located approximately 310m from the asset, and will be screened from view by existing tree cover within the golf course of Ingestre Park Golf Club and upon The Mounts, and by new planting.	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
COY061	Church of St Mary, Ingestre	Listed building	High	The asset primarily derives its significance from architectural and historical value, being the only Christopher Wren church outside London. Its relationship to the Ingestre Hall and other associated buildings are key element of its setting and also contribute to its significance. The route of the Proposed Scheme will run approximately 355m from the asset and will be screened from view by existing tree cover within the golf course of Ingestre Park Golf Club and upon The Mounts, and by new planting.	No change	Neutral	No impact upon significance.	No change	Neutral
COY062	Church and churchyard of St Mary, Ingestre	Non-designated	Low	The site and any surviving archaeological remains of the medieval church of St Mary, Ingestre is thought to lie upon the Mounts to the west of Ingestre Hall. The asset lies approximately 255m outside of the land required for the Proposed Scheme and will not be impacted. The asset primarily derives its significance from its evidential value.	No change	Neutral	No impact upon significance.	No change	Neutral
COY063	Ingestre Hall	Listed building	High	The asset derives its significance from its architectural and historical value and from its relationships with the other designated built heritage assets at the core of the estate and the remains of its surrounding landscape park. The route of the Proposed Scheme will be located approximately 350m from the asset and will be screened	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
				from view by existing tree cover within the golf course of Ingestre Park Golf Club and upon The Mounts, and by new planting.					
COYo64	Ingestre Park Pavilion	Listed building	Moderate	The asset derives its significance from its architectural value and from its historical association and visual relationship with Ingestre Hall and its designed landscape. Key views are east and west between Ingestre Pavilion and Trent Drive at Trent Lodge The route of the Proposed Scheme will be located approximately 170m away and will be screened from view by Ingestre Wood. However, access to the asset via Hanyards Lane will be severed for the construction of the Brancote North cutting. It will be restored by the Tixall Bridleway o.1628 accommodation overbridge, which will take approximately nine months to construct. This severance will lead to a temporary inability to experience the asset.	High	Temporary Major Adverse	No impact upon significance.	No change	Neutral
COYo65	Ingestre barrow	Non-designated	Low	The asset derives its significance from its archaeological/evidential value. The asset lies obscured within Ingestre Wood, approximately 18m outside of the land required for the Proposed Scheme, and will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COYo66	Tixall Park cropmarks	Non-designated	Low	The archaeological asset is situated within the area of land required for the Proposed Scheme. The asset derives its significance from its	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
				archaeological/ evidential value relating to past land use. This asset will be removed during the construction of the Brancote South cutting.			Scheme.		
COYo67	Tixall Farm	Listed buildings	Moderate	The asset primarily derives its significance from its architectural and historic value as well as the interrelationship between the farm buildings. Its wider agricultural landscape setting and its relationship with Tixall Lane and the site of the former Tixall Hall also contribute to the significance of the asset. Construction works associated with the Trent North embankment will be visible from the asset, albeit at a distance of 355m. Works will have duration of approximately two years and three months and will disrupt the asset's rural setting. The constructed Trent North embankment will be visible from the asset, albeit at a distance of approximately 620m and partially screened from view by mitigation planting. This will slightly compromise the ability to experience the asset in its rural setting.	Low Low	Temporary Minor Adverse Permanent Minor Adverse	The operating Proposed Scheme will be visible from the asset and will slightly compromise the ability to experience the asset in its rural setting. The operational impact will adversely affect the ability to experience the asset in its rural setting.	Low	Permanent Minor Adverse
COYo68	Ridge and furrow earthworks	Non-designated	Low	The asset derives its significance from its archaeological/evidential value about past land use. This archaeological asset lies approximately 150m outside of the land required for the Proposed Scheme and will not be affected.	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
COY06g	Tixall Stables	Listed building	Moderate	The asset primarily derives its significance from its architectural value as well as its visual relationship and historical association with Tixall Gatehouse, the former Tixall Hall and the remains of its landscape park. The route of the Proposed Scheme will be located approximately 700m from the asset and will be screened from view by existing coverts and shelter belts, supplemented by mitigation planting. There will be no impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
COY070	Tixall Gatehouse	Listed building	High	The asset primarily derives its significance from its architectural and historical value (Pevsner describes it as "the most ambitious gatehouse in the county" and it was once used to imprison Mary Queen of Scots) as well as its relationship with the now demolished Tixall Hall, associated stables and the former landscape park to the north, the character of which survives, in small part, through the presence of surviving coverts and shelter belts. The route of the Proposed Scheme will be located approximately 880m from the asset and will be screened from view by those coverts and shelter belts. Consequently, there will be no impact upon significance.	No change	Neutral	No impact upon significance.	No change	Neutral
COY071	Tixall Conservation	Conservation area	Moderate	The asset primarily derives its significance from its evidential, aesthetic and historic value as a	Temporary Medium	Temporary Moderate	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
	Area			medieval settlement and post-medieval designed landscape as well as the architectural value of many of the listed buildings within it. The interrelationships between the buildings within the asset, as well as outward views to the Trent and Mersey Canal and the Trent Valley, are key aspects of the setting of the asset that contributes to its significance. The main road through the conservation area will be used as a construction traffic route leading to a temporary increase of traffic and noise.	adverse	adverse			
COY072	Stone seat near Brancote Farm, Tixall	Listed building	Moderate	The route of the Proposed Scheme will be approximately 1km from the asset and will be screened from view by intervening landforms, buildings, shelter belts and coverts. The asset derives its significance from its architectural and historical value. The location of the asset is a key aspect of its setting, in particular the relationship to Tixall Road. The Proposed Scheme will not affect the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COY073	Weston Bridge (over the River Trent)	Listed building	Moderate	The route of the Proposed Scheme, which is approximately 1.9km away, will be screened from view by intervening landforms, vegetation and buildings. The asset derives its significance from its architectural, aesthetic and historic value with its location determined by the relationship between the main road and the River Trent. It also has an	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
				association with the settlement of Weston to the east. The Proposed Scheme will not affect the asset's setting.					
COY074	Weston Hall	Listed building	High	The route of the Proposed Scheme, which is approximately 1.8km away, will be screened from view by intervening landforms, vegetation and buildings. The asset primarily derives its significance from its architectural and historic value. Views across the river valley also contribute to the significance of the asset. The Proposed Scheme will not affect the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COY075	Engine house in Weston Quarry	Listed building	Moderate	The asset primarily derives its significance from its evidential and historical value. The now wooded setting of the asset is not considered to contribute to the significance of the asset. The asset is located within Engine Covert, which will screen the route of the Proposed Scheme, located approximately 1.3km away, from view. The Proposed Scheme will not affect the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COY076	Queen's Low, Tixall	Non-designated	Low	This archaeological asset lies approximately 175m outside of the land required for Proposed Scheme and will not be affected. The asset derives its significance from its archaeological/evidential value. Originally this asset may have had a	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
				visual link with other contemporary monuments but this is no longer legible.					
COY077	Upper Hanyards Farm	Non-designated	Moderate	The asset derives its significance from its potential evidential value of medieval settlement as well as the architectural and historic value of the surviving farm complex. Aspects of the wider rural agricultural setting also contribute to its significance. This built heritage asset will be demolished and any closely associated buried archaeological remains will be removed for the construction of the Brancote South cutting.	High	Permanent Major Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY078	Upper Hanyards Quarry	Non-designated	Low	The asset derives its significance from its potential evidential value and historic value. The now wooded setting of the asset is not considered to contribute to the significance of the asset. This asset will be removed during the construction of the Brancote South cutting.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY079	Upper Hanyards linear earthwork	Non-designated	Low	The asset primarily derives its significance from its archaeological/ evidential and historic value with a potential relationship to Tixall medieval deer park. The surrounding landscape has been considerably altered and is not thought to contribute to the significance of the asset. Approximately half of the asset will be removed for the construction of the Brancote South cutting.	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
COYo80	Ingestre Park boundary	Non-designated	Low	The asset lies outside of the land required for the Proposed Scheme. The asset primarily derives its significance from its archaeological/evidential and potential historic value relating to Ingestre Park. Its visual association with other aspects of the park form an important part of its setting. No impact is predicted as a result of construction.	No change	Neutral	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COYo81	Berryhill cropmarks and geophysical anomalies, Tixall	Non-designated	Moderate	This asset lies within the land required for Proposed Scheme. The asset derives its significance from its archaeological/evidential value. Originally this asset may have had a visual link with other contemporary monuments but this is no longer clearly legible. Part of this asset, including a length of pit alignment of probable Iron Age date and a potential geophysical enclosure and internal roundhouse of probable Iron Age or Roman date, will be removed during construction of the Hopton embankment.	High	Permanent Major Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COYo82	Earthwork features within Blackheath Covert	Non-designated	Low	The asset lies immediately adjacent to the land required for the Proposed Scheme. The asset derives its significance primarily from its evidential value and may have a historical association with the woodland within which the asset is situated. No impact is predicted as a result of construction.	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
COYo83	St Thomas' Priory, Baswich	Scheduled monument	High	The asset derives its significance from its evidential and historical value. The interrelationship between different buried remains and surviving sections of the Priory are also of importance. The location and relationship of the complex to the River Trent and possible mill sites is a key aspect of its setting that contributes to its significance. The route of the Proposed Scheme will be located approximately 1.5km from the asset and will be screened from view by intervening landforms, vegetation and buildings. It will not affect the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COYo84	St Thomas's Farmhouse, Baswich	Listed building	Moderate	The asset primarily derives its significance from its architectural and historic value with its rural agricultural setting also contributing to its significance. The asset also has a relationship with the earlier priory and incorporates medieval masonry into its fabric. The route of the Proposed Scheme will be located approximately 1.5km from the asset and will be screened from view by intervening landforms, vegetation and buildings. It will not affect the asset's setting.	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
COYo85	Baswich farm buildings	Listed building	Moderate	The asset derives its significance from its architectural and historical value and association with the farmhouse. The asset has a relationship with the earlier priory and incorporates medieval masonry into its fabric. Aspects of the wider rural, agricultural setting of the asset also contribute to its significance. The route of the Proposed Scheme will be located approximately 1.5km from the asset and will be screened from view by intervening landforms, vegetation and buildings. It will not affect the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COYo86	Church of St James, Salt	Listed building	Moderate	The asset primarily derives its significance from its architectural, historical and communal value. Its setting adjacent to the road and its association with the settlement of Salt form key aspects of the setting of the asset. The route of the Proposed Scheme will be located approximately 1.6km from the asset and will be screened from view by intervening landforms, vegetation and buildings. It will not affect the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COYo87	Brickhouse Farm, Hopton	Non-designated	Low	The asset derives its significance primarily from the evidential and historical value of the farmstead, although its setting of hedged agricultural fields makes some contribution to significance. The asset lies approximately 200m outside of the land required for 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
				Proposed Scheme. As such, it will not materially affect the value of the asset through changes in its setting.					
COYo88	Milepost, Stafford County Showground	Non-designated	Low	The asset lies outside of the land required for the Proposed Scheme. The milepost derives its significance from its function and its historical association with the former turnpike road (A518 Weston Road). No impact is predicted as a result of construction.	No change	Neutral	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COYo89	Neolithic finds, Pool Farm, Weston	Non-designated	Low	The significance of this asset derives from the evidence of Neolithic activity that demonstrates, as well as the evidential value of any associated archaeological remains. The setting of the asset is not thought to contribute to its significance. The findspots of this asset lie approximately 240m outside of the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COYo90	Hopton Pools, Hopton and Coton	Non-designated	Low	These two post-medieval fish ponds lie approximately 3m outside the land required for the Proposed Scheme and will not be impacted. The asset derives its significance from its historical value and the potential evidential value of any related features. The location and setting of the asset on a stream also contributes to its significance. The Proposed Scheme will not profoundly alter the key aspects of	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
				the setting of the asset that contribute to its significance.					
COY091	Embanked enclosure south of Hopton Pools	Non-designated	Low	The asset derives its significance from its evidential value. As the full character of the asset is unknown it is not clear how aspects of its setting may contribute to its significance. The asset lies approximately 215m outside of the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY092	Hopton Pools - ridge and furrow to the south	Non-designated	Low	The asset derives its significance from its archaeological/ evidential value as well as any association with contemporary settlement. The current setting of the asset is not thought to contribute to its significance. The asset lies approximately 12m outside of the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY093	Mound to the south of Hopton Pools	Non-designated	Unknown	The asset derives its significance from its archaeological/ evidential value. Originally this asset may have had a visual link with other contemporary monuments but this is no longer clearly legible. The asset lies approximately 365m outside of the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY094	Hopton Pools - ridge and furrow to the north	Non-designated	Low	The asset derives its significance from its archaeological/ evidential value as to past land use. Its location adjacent to a watercourse may form an important aspect of its	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
				setting. This asset will be partially removed during construction of the Hopton South cutting.			Scheme.		
COY095	Building platform/track at Hopton	Non-designated	Low	The asset derives its significance from its archaeological/ evidential value. As the full character of the asset is unknown it is not clear how aspects of its setting may contribute to its significance. The asset lies immediately adjacent to the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY096	Earthworks north-east of Hopton	Non-designated	Low	The asset derives its significance from its archaeological/ evidential value as well as its relationship with the settlement of Hopton to the south. The asset lies approximately 80m outside of the land required for the Proposed Scheme, which will not impact upon this key element of its setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COY097	Hopton Railway Cutting Quarry	Non-designated	Low	The asset lies approximately 270m outside of the land required for the Proposed Scheme and will not be impacted. The asset derives its significance from its evidential and historical value. The location of the asset is a result of its function; wider aspects of its setting do not contribute to its 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
COY098	Milepost, Hopton Heath	Non-designated	Low	The asset lies approximately 270m outside of the land required for the Proposed Scheme and will not be impacted. The milepost derives its significance from its function and its historical association with the B5066 Sandon Road. The setting of the milepost will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COY099	Battle of Hopton Heath 1643	Registered battlefield	High	The asset derives its significance from its evidential and historical value. The location and terrain of the asset including its approach from Stafford, the nearby settlement and the River Trent valley are key aspects of the setting of the asset that contribute to its understanding and significance. The asset lies approximately 480m outside of the land required for the Proposed Scheme, which is screened from view by existing mature trees along the southern side of Within Lane. The setting of the asset will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COY100	Lowerhouse Farm, Hopton	Non-designated	Low	This asset derives its significance primarily from its historical value as a post-medieval farmstead with a dispersed plan, one of the characteristic forms of post-medieval farmsteads in Staffordshire. There may also be evidential value relating to former buildings within the farmyard that are no longer present. The immediate farmyard setting and views south across farmland allow the farmstead, which has been	High High	Temporary Moderate Adverse Permanent Moderate Adverse	The operating Proposed Scheme will be visible from the asset and will introduce visual and noise impacts (see Volume 5: Appendix SV-002-002), compromising the ability to experience the asset in its agricultural setting.	Medium	Permanent Minor 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
				partially converted to residential use, to be experienced in its agricultural context. The boundary of the land required for the Proposed Scheme will lie within the farmyard (as depicted on 1902 Ordnance Survey mapping) and will be less than 10m from farmyard buildings and approximately 70m from the farmhouse. Construction activities for the Hopton embankment will introduce noise and visual impacts into the quiet rural farmyard setting of the asset. Any archaeological deposits and the remains of any former structures present within the farmyard may be removed. Functional views south across agricultural land will be partially severed by the construction and subsequent permanent presence of engineering earthworks forming part of the false cutting immediately to the south of the asset.					
COY101	Hopton village core	Non-designated	Low	This asset lies immediately adjacent to the land required for the Proposed Scheme. The asset derives its significance predominantly from its evidential and historical value. Views across the wider agricultural landscape add context to the village, which was in medieval and post-medieval times primarily a farming entity. There will be some temporary visual impacts from construction works associated with the Hopton South	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
				cutting, the Hopton North cutting, and the Hopton Lane diversion. These works will take approximately two years to complete. No permanent visual impacts are anticipated as the closest section of the route lies within a cutting.					
COY102	Hopton - earthworks indicating former settlement	Non-designated	Low	This asset lies within the land required for the Proposed Scheme. The asset derives its significance from its archaeological/ evidential value. Its association with Hopton Church and settlement to the east are a key aspect of its setting that contributes to its significance. The asset will be partially removed by landscape mitigation to the north of the Hopton North cutting. The key aspect of the setting of the asset that contributes to its significance will remain largely unaffected.	Medium	Permanent Minor Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY103	Hopton - earthworks indicating former settlement	Non-designated	Low	This asset lies within the land required for the Proposed Scheme. The asset derives its significance from its archaeological/ evidential value. Its association with the current settlement to the north is a key aspect of its setting that contributes to its significance. The asset will be removed by landscape mitigation to the north of the Hopton North cutting.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY104	Earthworks south-west of Mount Farm,	Non-designated	Low	This asset lies within the land required for the Proposed Scheme. The asset derives its significance	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from	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
	Hopton			from its archaeological/ evidential value. Its potential association with the settlement to the north is a key aspect of its setting that contributes to its significance. The asset will be mostly removed by landscape mitigation to the north of the Hopton North cutting. This will also impact on the key aspect of the setting of the asset that contributes to its significance			operation of the Proposed Scheme.		
COY105	Church Hill, Hopton - ridge and furrow	Non-designated	Low	The asset lies approximately 9m outside of the land required for the Proposed Scheme. The asset derives its significance from its archaeological/ evidential value. Its association with the current settlement to the south is a key aspect of its setting that contributes to its significance. The key aspect of the setting of the asset that contributes to its significance will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COY106	Ridge and furrow and related earthworks west of Church Hill, north of Hopton Lane and east of the B5066 Sandon Road B5066	Non-designated	Low	This asset lies within the land required for the Proposed Scheme. The asset derives its significance from its archaeological/ evidential value. It may also have a historical association with the settlement of Hopton to the south-east. The asset will be removed by landscape mitigation to the north of the Hopton North cutting and the diversion of Hopton Lane.	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
COY107	Geophysical anomalies west of Church Hill, Hopton	Non-designated	Low	The asset lies immediately adjacent to the land required for the Proposed Scheme. The asset derives its significance from its archaeological/ evidential value. The current setting of the asset is not considered to contribute to its significance.	No change	Neutral	No impact upon significance.	No change	Neutral
COY108	Mount Farm, Hopton Lane, Hopton	Non-designated	Low	This asset lies within the land required for the Proposed Scheme. The asset primarily derives its significance from its architectural and historic value as an historic farmstead with a regular courtyard plan, a traditional form within Staffordshire. Its rural agricultural setting to the south and south-west also contribute to its significance, as they supply the farming context to this asset, which has now been converted to purely residential use. The asset will be demolished for the Hopton North cutting.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY109	Lowerbridge Farm, Hopton	Non-designated	Low	This asset lies within the land required for the Proposed Scheme. The asset primarily derives its significance from its architectural and historic value, as the focus of a smallholding already in existence by 1775. Its rural agricultural setting to the north supplies context and therefore contributes to the asset's significance. The asset will be demolished as part of the Hopton North Cutting.	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
COY110	Line of the former Stafford and Uttoxeter Railway	Non-designated	Low	This asset lies partially within the land required for the Proposed Scheme. The asset has evidential and historical value with the major settlements along its route forming a key aspect of its function and setting. A section of the route of the former railway line will be removed. However, the overall legibility of the asset will be largely unaffected.	Minimal	Permanent Negligible Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY111	Hopton Farm, B5066 Sandon Road, Hopton	Non-designated	Low	The asset, a 19 th century farmstead, primarily derives its significance from its architectural and historic value with its rural agricultural setting to the north also contributing to its significance. The route of the Proposed Scheme lies approximately 75m to the north-east and will not substantially affect the aspects of the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COY112	Milepost, Hopton Farm	Non-designated	Low	The milepost derives its significance from its function and its historical association with the B5066 Sandon Road. The asset lies approximately 60m outside of the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY113	Ministry of Defence (MoD) Stafford, former RAF base	Non-designated	Low	The asset lies immediately adjacent to and outside of the land required for the Proposed Scheme and will not be physically impacted. The asset derives its significance from its historical and evidential value. The former Stafford and Uttoxeter Railway already lies within the asset and the wider 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
				not considered to contribute to its significance. The Proposed Scheme will not profoundly alter the key aspects of the setting of the asset that contribute to its significance.					
COY114	Firing range near Brickhouse Farm	Non-designated	Low	The asset lies over 200m outside of the land required for the Proposed Scheme and will not be physically impacted. The asset derives its significance from its historical and potential evidential value. The setting of the asset is not considered to contribute to its significance.	No change	Neutral	No impact upon significance.	No change	Neutral
COY115	St Thomas Bridge	Listed Building	Moderate	The asset lies approximately 1.8km outside of the land required for the Proposed Scheme and will not be physically impacted. The asset derives its significance from its architectural, aesthetic and historical value as well as its communal function. The location and setting of the bridge in relation to the river also add to its significance. The Proposed Scheme will not affect the asset's setting.	No change	Neutral	No impact upon significance.	No change	Neutral
COY116	Ranslow Farm, Sandon Bank, Hopton	Non-designated	Low	The asset lies approximately 200m outside of the land required for the Proposed Scheme and will not be physically impacted. The asset primarily derives its significance from its architectural and historic value with its rural agricultural setting also contributing to its significance. The Proposed Scheme	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
				will not substantially affect the aspects of the asset's setting that contribute to its significance.					
COY117	Kent's Barn Farm, Hopton	Non-designated	Low	The asset lies approximately 50m outside of the land required for the Proposed Scheme and will not be physically impacted. The asset primarily derives its significance from its historic value as a post-medieval farmstead. Its rural agricultural setting also contributes to its significance, even though views to the south toward the route of the Proposed Scheme are limited. It also has an association with the track from the B5066 Sandon Road, which it is adjacent to. The Proposed Scheme will involve temporary construction works to the south of the asset, which will introduce some noise and visual impacts into to its setting (see Volume 5: Appendix SV-002-002).	Low	Temporary Minor Adverse	No impact upon significance.	No change	Neutral
COY118	Geophysical anomalies, Newbuildings Farm, Hopton	Non-designated	Low	The asset derives its significance from its archaeological/ evidential value. The current setting of the asset is not considered to contribute to its significance. The asset lies within the land required for the Proposed Scheme and will be almost entirely removed.	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
COY119	Newbuildings Farm, Hopton	Non-designated	Low	The asset primarily derives its significance from its historic value as a post-medieval farmstead. Its agricultural setting, including extensive views to the south, also contributes to its significance. It also has a visual and historical association with the cottage to the north and the track upon which it is situated. The asset lies approximately 180m outside of the land required for the Proposed Scheme. The Proposed Scheme will introduce temporary noise and visual impacts from construction works to the north of the asset, in particular those associated with the Marston South embankment. However, these will be mitigated by large scale modern farm buildings and mature planting to the north of the historic farm buildings and farmhouse, respectively (Volume 5: Appendix SV-002-002). Permanent visual impacts will arise from the construction of the Marston South embankment to the north of the asset.	Low Low	Temporary Minor Adverse Permanent Minor Adverse	There will be transient visual impacts upon the setting of the asset due to trains operating upon the Marston South embankment. This will adversely affect the ability to experience the asset in its agricultural setting.	Low	Permanent Minor Adverse
COY120	Newbuildings Farm cottage, Hopton	Non-designated	Low	The asset lies immediately adjacent to the land required for the Proposed Scheme. The asset primarily derives its significance from its historic value as a late 19 th century farm, although one much altered in the 20 th century. Its rural agricultural setting provides context and so contributes to its significance. It also has a visual and	Medium Medium	Temporary Minor Adverse Permanent Minor Adverse	There will be transient visual impacts upon the setting of the asset due to trains operating on the Marston South embankment. This will adversely affect the ability to experience the asset in its agricultural setting.	Medium	Permanent Minor 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
				historical association with the farm to the south and the track upon which it is situated. The Proposed Scheme will involve temporary construction works immediately adjacent to the asset, which will introduce visual impacts to its setting. The route of the Proposed Scheme will cause permanent visual impacts, in particular the Marston South embankment to the north.					
COY121	Preserved ridge and furrow, north of Newbuildings Farm, Hopton	Non-designated	Low	The asset derives its significance from its archaeological/ evidential value. The current setting of the asset is not thought to contribute to its significance. The asset lies within the land required for the Proposed Scheme and will be partially removed for the construction of the Marston South embankment.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY122	Enson Farmhouse	Listed Building	Low	The asset primarily derives its significance from its architectural and historic value. Views to the River Trent and its relationship to the adjacent settlement of Hopton, as well as its rural agricultural setting contribute to its significance. The asset lies approximately 1.5km outside of the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY123	Enson House	Listed Building	Low	The asset primarily derives its significance from its architectural and historic value. Views to the River Trent and the wider rural setting also contribute to 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
				significance. The asset lies approximately 1.5km outside of the land required for the Proposed Scheme and will not be impacted.					
COY124	Relict field systems north-east of Marston	Non-designated	Low	The asset derives its significance from its archaeological/ evidential value of past land use. The current setting of the asset is not thought to substantially contribute to its significance. The asset lies approximately 140m outside of the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY125	Trackway near Hall Farm, Marston	Non-designated	Low	The asset derives its significance from its evidential and historical value as well as its association with the surviving section of Skeath Lane to the east and Marston Lane to the west. The wider setting of the asset is not thought to substantially contribute to its significance. The asset lies approximately 25m outside of the land required for the Proposed Scheme and will not be impacted. The key aspect of the setting of the asset that contributes to its significance will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COY126	Outfarm north-east of Hollytree Farm/Marston Hall Farm, Marston Lane, Marston	Non-designated	Low	The asset primarily derives its significance from its historical value as a 19 th century farm. Its rural agricultural setting also contributes to its significance by providing context. The asset lies approximately 135m outside of the land required for the Proposed	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
				Scheme, which will be screened from view by intervening vegetation and buildings, and will not be impacted.					
COY127	Hollytree Farm, Marston Lane, Marston	Non-designated	Low	The asset primarily derives its significance from its architectural and historic value. Its rural agricultural setting also contributes to its significance. The asset lies approximately 20m outside of the land required for the Proposed Scheme, which will be screened from view by intervening vegetation and buildings, and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY128	Ridge and furrow to the north of Marston DMV	Non-designated	Low	The asset lies approximately 60m outside of the land required for the Proposed Scheme and will not be physically impacted. The asset derives its significance from its archaeological/ evidential value of past land use. It has a potential historical association with Marston DMV but this is no longer legible. The current setting of the asset is not thought to contribute to its significance.	No change	Neutral	No impact upon significance.	No change	Neutral
COY129	Traces of former field systems to the north of Marston	Non-designated	Low	This asset lies partially within the land required for the Proposed Scheme. The asset derives its significance from its archaeological/ evidential value of past land use. It has a potential historical association with Marston Deserted Medieval Village but this is no longer legible. The current setting of the asset is	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
				not thought to substantially contribute to its significance. The asset will be partially removed by the realignment of Marston Lane.					
COY130	Marston Deserted Medieval Village	Non-designated	Moderate	The asset derives its significance from its archaeological/ evidential and historical value. It has a potential association with areas of medieval cultivation in the wider landscape but this is no longer legible. The current setting of the asset is not thought to substantially contribute to its significance. The asset lies partially within the area of land required for the Proposed Scheme and will be partially removed by mitigation planting and temporary construction works. There would appear to be surviving settlement related earthwork remains within the land required for the Proposed Scheme and much of this area has been impacted upon by post-medieval ponds and the construction of a 20 th century residence.	High	Permanent Major Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY131	Surviving ridge and furrow south-west of Marston	Non-designated	Low	The asset lies within the area of proposed off-route highways works on Marston Lane. The changes will involve provision of three passing bays and localised widening of the road. This will not impact the ridge and furrow earthworks in the adjacent fields. The asset derives its significance from its archaeological/ evidential value of past land use. It has a potential historical association	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
				with Marston Deserted Medieval Village but this is no longer legible. The current setting of the asset is not thought to substantially contribute to its significance.					
COY132	Water meadow, west of Marston	Non-designated	Low	The asset lies within the area of proposed off-route highways works on Marston Lane. The changes will involve provision of three passing bays and localised widening of the road. The asset will not be physically impacted upon by the highways changes. The asset derives its significance from its archaeological/ evidential value of past land use. Its location adjacent to a watercourse forms a key aspect of its function and setting. The key aspect of the setting of the asset that contributes to its significance, will not be affected.	No change	Neutral	No impact upon significance.	No change	Neutral
COY133	Church of St Leonard, Marston	Listed building	Moderate	The asset primarily derives its significance from its architectural, historical and communal value. Its immediate setting and association with the settlement forms a key aspect of the setting of the asset that contributes to its significance. The asset lies approximately 115m to the south of the land required for the Proposed Scheme. It will experience temporary visual impacts during the construction of the Marston South and Marston North embankments, which will take approximately three years to	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
				construct. Visual and noise impacts will be experienced on the northern side of the asset, by which the church is accessed (see Volume 5: Appendix SV-002-002). Permanent visual impacts associated with the route of the Proposed Scheme will be mitigated by means of existing hedgerows, buildings and mitigation planting, resulting in no significant permanent impacts.					
COY134	Marston New Farm	Non-designated	Low	The asset primarily derives its significance from its architectural and historic value. Its rural agricultural setting, particularly views to the south also contribute to its significance. The asset lies approximately 6m outside of the land required for the Proposed Scheme. There will be a temporary visual and noise impact from construction works associated with the Marston South and North embankments, which will take approximately three years to construct (see Volume 5: Appendix SV-002-002). The route of the Proposed Scheme (principally the Marston North embankment) will be almost entirely screened from view by a landscape noise bund located immediately north of the asset, and will not affect key elements of the asset's setting that contribute to its significance.	Medium Low	Temporary Minor Adverse Permanent Negligible Adverse	There will be transient visual impacts upon the setting of the asset due to trains operating on the Marston North embankment. This will adversely affect the ability to experience the asset in its agricultural setting.	Low	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
COY135	Marston - ridge and furrow earthworks	Non-designated	Low	These geophysical anomalies indicating buried archaeological features of unknown date lie immediately outside of the land required for the Proposed Scheme and will not be physically impacted. The asset derives its significance from its potential evidential value for past human settlement/activity. It has a potential historical association with Marston Deserted Medieval Village but this is no longer legible. The Proposed Scheme will not impact upon the significance of the asset.	No change	Neutral	No impact upon significance.	No change	Neutral
COY136	Milepost north of layby, near Stafford Bypass	Listed building	Moderate	The milepost derives its significance from its function and its historical association with the A34 Stone Road. The asset lies approximately 1.6km outside of the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY137	Yarlett Deserted Medieval Village	Non-designated	Moderate	These geophysical anomalies indicating buried archaeological features of unknown date lie approximately 12m outside of the land required for the Proposed Scheme and will not be impacted. The asset derives its significance from its potential evidential value for past human settlement/activity. The Proposed Scheme will not profoundly alter the key aspects of the setting of the asset that contribute to its 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
COY138	Yarlet Hall (site of)	Non-designated	High	This asset lies within the area of land required for the Proposed Scheme. The asset derives its significance from its archaeological/evidential value as the site of the 17 th century Yarlet Hall. It also has an association with the present school building. The asset will be fully removed during works associated with the Marston South cutting.	High	Permanent Major Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY139	Yarlet trackway	Non-designated	Low	This asset lies within the area of land required for the Proposed Scheme. The asset derives its significance from its archaeological/evidential value. It also has an association with Yarlet Farm and the former Yarlet Hall. The asset will be removed during works associated with the Marston South cutting.	High	Permanent Moderate Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY140	Yarlet Hall (school)	Non-designated	Low	The asset primarily derives its significance from its architectural and historic value and also has communal value. It also has a historic association with the former hall site. The relationship between the buildings of the complex and the designed landscape within which it is situated also contribute to its significance. The asset lies adjacent to temporary construction works associated with the A34 Stone Road diversion and the construction of the Yarlet South cutting, which will take approximately one year and three	Medium	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
				months to complete. These works will introduce visual impacts to the setting of the asset, which already contains the busy A34 Stone Road. The route of the Proposed Scheme will be in the Yarlet South cutting and will not be visible from the asset.					
COY141	Yarlet - field system/ridge and furrow west of A34 Stone Road	Non-designated	Low	This asset lies within the land required for the Proposed Scheme. The asset derives its significance from its archaeological/ evidential value of past land use. It has a potential historical association with Yarlet Deserted Medieval Village but this is no longer legible. The current setting of the asset is not thought to substantially contribute to its significance. The asset will be partially removed by mitigation planting.	Minimal	Permanent Negligible Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY142	Yarlet estate boundary	Non-designated	Low	This asset lies within the land required for the Proposed Scheme. The asset derives its significance from its archaeological/ evidential value of past land use. Given that it bounded an extra parochial area prior to 1857, it may demarcate the boundary of the Cistercian grange known to have existed at Yarlet in the medieval period. The current setting of the asset is not thought to substantially contribute to its significance. The asset will be substantially removed by works	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
				associated with the A34 Stone Road diversion and Marston South cutting.					
COY143	Black and White Cottage, Whitgreave	Listed building	Moderate	The asset primarily derives its significance from its architectural and historic value. The asset lies approximately 4.5km outside of the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY144	Ingestre Hall Park	Non-designated	Low	The asset derives its significance from its evidential, historical and aesthetic value although the asset has been substantially converted to agriculture. It has an important association with Ingestre Hall to the south-east, which forms a key aspect of the setting of the asset that contributes to its significance. Views to the new park to the south-east and deer park to the north as well as between the surviving elements of the park also contribute to its significance. There will be temporary visual impacts associated with the construction of the Brancote North cutting, which will take approximately two years to complete, and with associated mitigation planting. The route of the Proposed Scheme will be in the Brancote North cutting adjacent to the asset, which, in addition to the mitigation planting, will screen it from view from the asset, resulting in no permanent impacts.	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
COY145	Ingestre New Park	Non-designated	Low	The asset derives its significance from its evidential, historical and aesthetic value although the asset has been substantially converted to a golf course. It has an important association with Ingestre Hall to the north, which forms a key aspect of the setting of the asset and contributes to its significance. Construction activities on the Trent North embankment will be in full view of the asset. This change in setting will have a high adverse impact upon the asset. The asset lies partially within the land required for the Proposed Scheme, and will be partially removed for construction of the Trent North embankment and the Brancote South cutting.	High High	Temporary Moderate Adverse Permanent Moderate Adverse	There will be transient visual impacts upon the setting of the asset due to trains operating on the Trent North embankment. This will adversely affect the ability to experience the asset in its historic parkland setting.	High	Permanent Moderate Adverse
COY146	Ingestre Deer Park	Non-designated	Moderate	The asset lies approximately 450m outside of the land required for the Proposed Scheme and will not be physically impacted. The asset derives its significance from its evidential and historical value. It has an important association with Ingestre Hall and park to the south-east, which forms a key aspect of the setting of the asset and contributes to its significance. The Proposed Scheme will not impact the key aspects of the setting of the asset that contribute to its 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
COY147	Wolseley Bridge	Listed Buildings	Moderate	The asset derives its significance from its architectural and historical value. The location and setting of the bridge in relation to the River Trent and the interrelationship between the buildings and the road network also add to its significance. The asset lies approximately 530m outside of the land required for the Proposed Scheme and will not be impacted.	No change	Neutral	No impact upon significance.	No change	Neutral
COY148	Possible Romano-British enclosed settlement	Non-designated	Moderate	This asset, which is the cropmark remains of a possible Romano-British enclosed settlement, derives its significance from its archaeological/evidential value. The current setting of the asset is not thought to substantially contribute to its significance. The asset lies within the land required for the Proposed Scheme and will be removed during construction of the Hopton embankment.	High	Permanent Major Adverse	The construction effect remains and there will be no further impact from operation of the Proposed Scheme.	No change	Neutral
COY149	Tixall Park	Non-designated	Low	This asset lies partially within the land required for the Proposed Scheme. The asset primarily derives its significance from its evidential and historical value but also has some limited aesthetic value. The interrelationship between elements of the designed landscape and surviving estate buildings and views to the south-east form a key aspect of the setting of the asset, which contribute to its significance. There is also a relationship with the Ingestre and Shugborough estates,	Low Low	Temporary Minor Adverse Permanent Minor Adverse	There will be transient visual impacts upon the setting of the asset due to trains operating on the Trent North embankment. This will adversely affect the ability to experience the asset in its historic parkland setting.	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
				to the north-east and south-east. The asset will be partially removed by the Brancote South cutting at its north-eastern edge and there will also be visual impacts from temporary construction works. The constructed Trent North embankment will be visible from the asset though partially screened by mitigation planting. It will not be visible where it is in the Brancote South cutting, but the Tixall Bridleway o.1628 accommodation overbridge will be visible from the asset. These visual impacts will impair the ability to experience the asset in what remains of its original parkland setting.					
COY150	Stafford Lodges to Shugborough Park	Grade II listed building	Moderate	The asset is located approximately 2km away from the land required for the Proposed Scheme. The asset derives its significance from its historic fabric and from its spatial and historic relationship with other buildings associated within the Shugborough estate that defines its setting along with the surrounding landscape of Shugborough. 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
COY151	Milford Bridge No 105 north of Home Farm, Milford	Grade II listed building	Moderate	The asset is located approximately 1.8km away from the land required for the Proposed Scheme. The asset derives its significance from its setting. Its setting is defined by its spatial and historic relationship with	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
				the canal over which it spans and the settlement of Milford. The Proposed Scheme will not lead to an impact upon the significance of the asset.					
COY152	Stafford Wood Lodge at Shugborough Hall	Grade II listed building	Moderate	The asset is located approximately 1.3km away from the land required for the Proposed Scheme. The asset derives its significance from its historic fabric and from its setting. Its setting is defined by its spatial and historic relationship to Shugborough Hall, its location within the Shugborough estate and from its interrelationship with other assets within the estate. 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
COY153	Aqueduct west of Holdiford Bridge conveying canal over river	Grade II Listed Building	Moderate	The asset is located approximately 1.4km from the land required for the Proposed Scheme. The asset derives its significance from its historic fabric and from its immediate setting. The asset's setting is defined by its spatial and historic relationship with the River Sow and the Staffordshire and Worcestershire canal. 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
COY154	Holdiford Bridge (over River Sow)	Grade II Listed Building	Moderate	The asset is located approximately 1.2km from the land required for the Proposed Scheme. The asset derives its significance from its historic fabric and 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
				immediate setting. The asset's setting is defined by its spatial and historic relationship with the Staffordshire and Worcestershire canal and the road from Tixall to Milford. The Proposed Scheme will not lead to an impact upon the significance of the asset.					
COY155	Walton Bridge No 104	Grade II Listed Building	Moderate	The asset is located approximately 2km from the land required for the Proposed Scheme. The asset derives its significance from its historic fabric and from its immediate setting. The asset's setting is defined by its spatial and historic relationship with the Staffordshire and Worcestershire canal. 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
COY156	Saucer barrow on Spring Hill	Scheduled Monument	High	The asset is located approximately 2km from the land required for the Proposed Scheme. The asset derives its significance from its evidential value and from its setting on a position of topographic prominence as a monument that may have been part of a wider funerary landscape, although it is currently surrounded by mature vegetation that curtails views to the wider landscape. The asset also has noise from the West Coast Main Line within its setting and from the A51 Lichfield Road. The route of the Proposed Scheme is unlikely to be visible from the asset. 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
				Proposed Scheme will not lead to an impact upon the significance of the asset.					
COY157	Church of St John, Tixall	Grade II Listed Building	Moderate	The asset is located adjacent to the land required for the Proposed Scheme. The asset derives its significance from its historic fabric, from its historic value relating to the Chetwynd family and from its setting. The asset's setting is defined, primarily, by its churchyard and its spatial relationship with the settlement of Tixall. The asset lies in close proximity to Hoomill Lane, which is a relatively busy minor road with no screening between the edge of the churchyard and the road. As a result, some noise and vibration from traffic is present within the setting of the asset. Construction works related to temporary road modifications along Hoomill Lane will take place immediately adjacent to the asset, which will lead to a temporary impact on the setting of the asset through the introduction of construction noise and traffic. Once construction is completed, the road will be returned to its original form.	Low	Temporary Minor Adverse	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-004-002. Available online at: www.gov.uk/hs2.

Mowl, T. and Barre, D. (2009), *The Historic Gardens of England: Staffordshire*, Bristol: Redcliffe, p. 229.

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