



A66 Northern Trans-Pennine Project TR010062

3.4 Environmental Statement Appendix 8.10 Impact Assessment Table (Rev 2) (Tracked)

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A66 Northern Trans-Pennine Project
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**3.4 ENVIRONMENTAL STATEMENT
 APPENDIX 8.10 IMPACT ASSESSMENT TABLE**

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8.10 Impact Assessment Tables

8.10.1 Introduction

- 8.10.1.1 This appendix details the 434 heritage resources located within the study area and Zone of Visual Influence (ZVI) for the Project which could receive temporary and/or permanent impacts to their environmental value (sensitivity) during construction and/or operation. It also presents the 868 heritage resources which have been 'scoped out' of a detailed assessment because they do not interact with the Project.
- 8.10.1.2 Of the 434 heritage resources which are located within the study area and ZVI for the Project ~~w392~~ will experience an effect. Of these 32 would receive a significant adverse effect to their environmental value (sensitivity) after mitigation as described in Section 8.3 of ES Chapter 8: Cultural Heritage (Application Document 3.2). A total of 12 heritage resources would receive a beneficial effect, four of which are significant.
- 8.10.1.3 This appendix is divided into five sections. Section 8.10.2 discusses Historic Landscape Character Areas (HLCA). Section 8.10.3 presents the ~~194221 heritage resources which would receive~~ temporary construction effects, Section 8.10.4 presents the ~~322320 heritage resources which would receive~~ permanent construction effects, and Section ~~8.10.4.11~~ 8.10.5 presents the ~~6580 heritage resources which would receive an effect during operation of the Project operational effects~~. The final section, Section 8.10.6, presents the ~~868867~~ heritage resources which would not experience a temporary or permanent impact or effect during construction or operation because they have no interaction with the Project.
- 8.10.1.4 Further details regarding all 1301 heritage resources located within the study area and ZVI of the Project, regardless of whether or not they would receive an impact and effect, can be found in ES Appendix 8.8 Gazetteer.

Establishing environmental value (sensitivity)

- 8.10.1.5 In 2008 Historic England produced the guidance and policy document *Conservation Principles, Policies and Guidance for the Sustainable Management of the Historic Environment (English Heritage, 2008)*¹ (hereafter, 'Conservation Principles'). Conservation Principles presented, for the first time, a standardised set of four conventions for quantifying how a heritage resource's environmental value (sensitivity) is derived. Defined as 'values', Conservation Principles states that the environmental value (sensitivity) of a heritage resource is derived from its evidential, historical, aesthetic, and/or communal value. Although currently under revision, Conservation Principles informs several other guidance and assessment standards presented by Historic England and is still an industry-accepted approach to establishing environmental value (sensitivity).
- 8.10.1.6 Conservation Principles was the only available standard and guidance for assessing the environmental value (sensitivity) of heritage resources until the introduction of the *National Planning Policy Framework (NPPF)* (Ministry of Housing, Communities & Local Government, 2012)² in 2012. The *NPPF* brought with it a set of standard terms for assessing the significance (akin to 'environmental value') of a heritage resource. Referred to as a resource's 'heritage interests' – which can be historic, archaeological, architectural, and/or artistic – the *NPPF* approach to assessment also because an industry standard for assessment. The acceptance of the *NPPF* approach was further reflected in the first iteration of the *National Policy Statement for National Networks (NPSNN)* (Department for Transport, 2013)³ in 2013; which was developed to provide policies, standards and guidance tailored to nationally significant infrastructure projects.
- 8.10.1.7 As the Project is a nationally significant infrastructure project, the *NPSNN* is considered to be the senior planning policy and guidance document. As such, the *NPPF/NPSNN* approach to establishing the environmental value (sensitivity) of a heritage resource from its heritage interests has been adopted and applied throughout this assessment. Because Conservation Principles supports several of the other standards and guidance for establishing the environmental value (sensitivity) of heritage resources – most notably the contribution that setting can make and the stages to assessing this presented by Historic England in *Good Practice Advice in Planning Note 3 (Second Edition) The Setting of Heritage Assets (Historic England 2017)*⁴ – it cannot be completely removed from the assessment process. While the heritage interests described in the *NPPF* (and *NPSNN*) and the values outlined by Conservation Principles are not direct equivalents, they broadly align in the manner presented in Table 1.

¹ English Heritage (2008) Conservation Principles, Policies and Guidance for the Sustainable Management of the Historic Environment]

² Ministry of Housing, Communities & Local Government (2012) National Planning Policy Framework

³ Department for Transport (2013) National Policy Statement for National Networks

⁴ Historic England (2017) Good Practice Advice in Planning Note 3 (Second Edition) The Setting of Heritage Assets

Table 1: Alignment of heritage interests (NPPF/NSNPP) and heritage values (Conservation Principles)

National Planning Policy Framework and National Policy Statement for National Networks	< >	Conservation Principles
Heritage interests		Heritage values
Archaeological interest	Broadly aligns with	Evidential value
Architectural interest		Evidential and aesthetic value
Artistic interest		Aesthetic value and historical (illustrative) value
Historic interest		Historic (illustrative and associative) value and communal value

Presenting significance of effect

- 8.10.1.8 The impact assessment tables detailed in Section 8.10.3 to Section 8.10.4.11 are identical and represent the staged process from assessing significance presented in Section 8.4 of ES Chapter 8: Cultural Heritage (Application Document 3.2). The tables contain the heritage resource ID and name of each heritage resource which would experience an impact and effect, an assessment of each heritage resources' environmental value (sensitivity) which includes the contribution made to this – if any – by its setting, a description of the impact which would be brought about by the Project (including its magnitude/the degree of change), and the resulting significance of effect upon its environmental value (sensitivity).
- 8.10.1.9 The affected heritage resources for each scheme have been arranged in descending 'adverse to beneficial' scale of effect as presented in Table 8-6 Assessment criteria in Section 8.4 of ES Chapter 8: Cultural Heritage (Application Document 3.2). Where an effect is determined to be 'significant' as described in Section 8.4 of ES Chapter 8: Cultural Heritage (Application Document 3.2), it will be presented in **bold** type. Non-significant effects are in a normal typeface.
- 8.10.1.10 In instances where the mitigation of an impact has not been proposed, or there is no change in the scale of effect despite the application of a proposed mitigation measure, the assessment tables show a single outcome in the 'Effect' column. For example, '**Large Adverse**' for a significant effect or '**Slight Beneficial**' for a non-significant effect.
- 8.10.1.11 In instances where the mitigation of an impact is proposed and would bring about a change in the scale of effect, the assessment tables show two outcomes in the 'Effect' column. The first is the effect prior to the application of any proposed mitigation, and the second – in brackets – is the effect after a mitigation measure has been applied. This is the residual effect. For example, '**Moderate Adverse** (Slight Adverse)' or '**Major Adverse (Moderate Adverse)**'.

8.10.2 Historic Landscape Character Areas

8.10.2.1 All Historic Landscape Character Areas (HLCA) interact with the Order Limits resulting in low levels of change along the existing A66 route and new offline sections. When viewed in their wider landscape context, these interactions are judged to have less than a negligible impact on the landscape elements which contribute to the individual character of each HLCA and therefore all interactions, at both construction and operational phases of the Project, will result in a 'neutral' magnitude of effect and 'no change' overall.

8.10.3 Heritage resources which would receive temporary construction impacts and effects

- 8.10.3.1 In total, 221 heritage resources would receive a temporary construction impact and effect because of the Project. As stated in Section 8.10.1, the following sub-sections present the impact assessment table for each scheme with each table arranged in a descending scale of effect. Significant effects are presented in **bold** text and in instances where the mitigation of an impact has been proposed, the residual effect is shown in brackets.
- 8.10.3.2 Further information regarding the assessment methodology can be found in Section 8.10.1 of this appendix and Section 8.4 of ES Chapter 8: Cultural Heritage (Application Document 3.2). Details of the proposed mitigation measures can be found in Section 8.8 of ES Chapter 8: Cultural Heritage (Application Document 3.2) and Annex B3: Detailed Heritage Mitigation Strategy within the EMP (Application Document 2.7). Further information regarding the affected heritage resources can be found in Section 1.2 of ES Appendix 8.8: Gazetteer.

Routewide

8.10.3.3 None of the routewide heritage resources would receive temporary construction impacts and effects.

M6 Junction 40 to Kemplay Bank

8.10.3.4 A total of 26 heritage resources located within the study area and ZVI of this scheme would receive a temporary construction effect. Of these, two would be significant.

Table 2: M6 Junction 40 to Kemplay Bank temporary construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
01-0095	Toll Bar Cottage	Toll Bar Cottage has architectural and historic interest deriving from its early nineteenth century cottage construction and date, and its roadside nature and historic use as a Toll house on a Toll road.	Toll Bar Cottage has a roadside setting fronting directly onto the Kemplay Bank roundabout, existing A66 and Kemplay Bank road. To the rear, it has an enclosed garden setting with tree lines providing screening from the existing A66. The historic roadside setting makes a positive contribution to the environmental value of the resource.	High	Construction activities would occur within the setting of the cottage, including moving plant, lighting and noise. The proposed works at the site include a temporary construction compound to the west and a temporary haul road to the east. However, there is some existing screening provided by vegetation and the baseline already has adverse impacts from the existing road scheme.	Moderate Adverse	Moderate Adverse
02-0010	Carleton Hall (Cumbria Police Headquarters)	Carleton Hall has architectural, archaeological and historic interest deriving from its early eighteenth century construction, the potential archaeological remains of the earlier medieval house at the site, its historic association with King Charles II and the Carleton family and its more recent use as a Girls School, a military hospital during WWII and as Police Headquarters.	Carleton Hall is located within its designed landscape setting, which in 1825 included the Hall, Estate and plantations covering 373ha and including a Corn and Snuff mill. The remnants of this large designed landscape are still evident to the south and east of Carleton Hall. The presence of a ha-ha to the south of hall suggests a planned view southwards from Carleton Hall across a designed landscape setting incorporating open fields and the River Eamont valley. The planned landscape and former estate setting makes a positive contribution to the environmental value of the resource.	High	Located within the ZVI in close proximity to the scheme. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. A temporary haul road is proposed to the south of the Grade II* listed building, which will introduce an adverse setting impact for the duration of its presence and use. Proposed works also include a temporary storage construction compound to the east of the non-designated buildings. However, the Grade II* listed building is screened by the surrounding non-designated buildings.	Moderate Adverse	Moderate Adverse
01-0002	Mayburgh henge	Mayburgh Henge has architectural, archaeological and historic interest deriving from its unusual design with a much larger and more monumental enclosing bank than is normally the case for a henge, as well as its lack of internal ditch. The scheduling notes that despite the removal of some of the stones in the centre of the site and limited quarrying of the surrounding bank, this site survives well and remains a visually impressive monument in the landscape, forming one of a group of three henges near the confluence of the Eamont and Lowther rivers.	Mayburgh Henge is located adjacent to the M6, a short distance from the confluence of the Rivers Eamont and Lowther. The henge is set within hedgeline fields to the north and east, leading down towards the River Eamont to the north and towards Eamont Bridge village and another henge, King Arthur's Round Table (01-0003), to the east. There is a house and garden fence which encroach onto the henge, and a hedgeline road with the M6 beyond bordering the henge to the southwest. From within the henge, the setting is enclosed and views are restricted by the earthwork bank, with an eastern entrance to the henge providing limited views towards King Arthur's Round Table (01-0003) and the southern end of Eamont Bridge village. From the top of the bank, the setting is open within fields with views across the River Eamont valley, although both the route of the M6 and the A66 are screened by trees. The rural field setting and views towards King Arthur's Round Table (01-0003) make a positive contribution to the environmental value of the resource.	High	The henge lies partially within the ZVI, and construction activities would occur within the setting of the resource, including moving plant, lighting and noise. The proposed scheme includes two construction compounds to be located to the north of the resource.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
01-0005	Eamont Bridge	Eamont Bridge has architectural, archaeological and historic interest deriving from its good preservation with substantial portions of its original fifteenth century structure remaining intact. The monument is a good example of a medieval bridge and provides insight into the importance of transport and river crossings, and the past development of Eamont Bridge village.	Eamont Bridge crosses the River Eamont at the old county boundary between Cumberland and Westmorland. It has an elevated position over the River Eamont within its village riverside setting within Eamont Bridge village. The village riverside setting of the bridge makes a positive contribution to the environmental value of the resource.	High	The site lies partially within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. The proposed works include the construction of a temporary haul road to the east of Eamont Bridge and a temporary storage construction compound to the north, within the setting of the resource.	Minor Adverse	Slight Adverse (Neutral)
01-0041	North Bank	North Bank has architectural and historic interest for its Victorian Gothic construction and date, and the development of Eamont Bridge village.	North Bank has an enclosed garden setting, surrounded by a low stone wall and views south over the River Eamont and stables and buildings of the riding centre to the rear. The enclosed garden setting makes a positive contribution to the environmental value of the resource.	High	The building is within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. The proposed works include the construction of a temporary storage construction compound immediately north of the property.	Minor Adverse	Slight Adverse
01-0108	Eamont Lodge	Eamont Lodge has architectural and historic interest for its late Georgian construction including a long round-headed sash window and the past development of Eamont Bridge village.	Eamont Lodge has a roadside setting enclosed within Eamont Bridge village, which makes a positive contribution to the environmental value of the resource.	High	The building is within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. The proposed works include the construction of a temporary haul road and a temporary storage construction compound to the north of Eamont Lodge.	Minor Adverse	Slight Adverse
02-0002	Brougham Roman fort (Broccavum) and civil settlement and Brougham Castle	Brougham Roman fort and its associated civil settlement and Brougham medieval castle have architectural, archaeological and historic interest derived from the upstanding architectural and buried archaeological remains and their potential to increase understanding of past Roman military occupation and fort design and use, Roman civil settlement activity and landuse, the medieval reuse and adaptation of former Roman sites, and medieval military and civilian castle settlements.	Brougham Roman fort and associated civil settlement and Brougham medieval castle are located adjacent to the River Eamont and the historic route of the A66. The buried archaeological remains are in close association with the historic route of the A66 and surrounding Roman period archaeological remains, while the upstanding remains of the medieval castle retain their setting within a rural agricultural landscape adjacent to the historic route of the A66 although partially screened from the route by trees and intervening cottages, with views across the River Eamont valley. The strategic road and riverside setting within a rural agricultural landscape makes a positive contribution to the environmental value of the resource.	High	The resource lies partially within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the landscape provides some screening from the project.	Minor Adverse	Slight Adverse
02-0036	Eamont Bridge Village	Eamont Bridge village has architectural, archaeological and historic interest deriving from its medieval origins, its surviving standing buildings dating back to at least the seventeenth century and the archaeological remains of the earlier village such as the traces of a back lane to the east of the village, which have potential to increase understanding of the historic settlement and development at Eamont Bridge.	Eamont Bridge village is located where the Eamont Bridge crosses the River Eamont at the old county boundary between Cumberland and Westmorland. The riverside and historic river crossing location of the village makes a positive contribution to the environmental value of the resource.	Medium	There is a potential increase in noise and traffic within Eamont Bridge Village during the construction phase.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
01-0001	Standing stone 180m NNE of Skirsgill	The standing stone has architectural interest deriving from its design as an upright orthostatic slab and placement within a wider local landscape of contemporary prehistoric monuments such as Mayburgh Henge (01-0002) and King Arthur's Round Table (01-0003). The standing stone has high archaeological and historic interest, both for the standing stone itself and as standing stones are often accompanied by various features including stone cists, stone settings and finds of human bone, cremations, flint and pottery. The scheduling notes that the standing stone will contribute to any study of the function of standing stones and other spatially associated monuments in the area.	The standing stone is located within a small flowerbed directly adjacent to a building and next to a car park within a modern industrial estate. The setting is enclosed on two sides by the adjacent modern building, and the trees enclosing the car park. It is screened from the Project by the buildings of the modern industrial estate, trees lining the car park and the M6 to the east. The setting within a modern industrial estate makes a neutral contribution to the environmental value of the resource.	High	Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However existing screening by the modern buildings in an industrial estate and the M6 will serve to reduce impacts.	Negligible Adverse	Slight Adverse
01-0008	Yanwath Hall	Yanwath Hall has architectural, archaeological and historic interest deriving from its nature as a fortified tower and hall dating from the early or mid fifteenth century with later alterations, and its potential to increase understanding of medieval fortified houses within the North West.	Yanwath Hall is located in an enclosed farmyard setting bordered by the River Eamont to the north and railway line to the east. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	The resource lies partially within the ZVI. Temporary construction activities would occur in the vicinity of the resource, including moving plant, lighting and noise.	Negligible Adverse	Slight Adverse
01-0011	Courtyard Range Adjoining Yanwath Hall	The buildings have architectural, archaeological and historic interest deriving from its fifteenth and sixteenth century construction and association with Yanwath Hall (01-0008).	The partly fortified stables, barn and brewhouse are located in an enclosed farmyard setting in association with Yanwath Hall (01-0008), bordered by the River Eamont to the north and railway line to the east. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	The resource lies partially within the ZVI. Temporary construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise.	Negligible Adverse	Slight Adverse
01-0096	Bridge End	Bridge End house has architectural and historic interest deriving from its 1671 construction and date, and later alterations of 1751, and the past development of Eamont Bridge village.	Bridge End house has a roadside setting enclosed within Eamont Bridge village. The roadside enclosed village setting makes a positive contribution to the environmental value of the resource.	High	The building is within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. The proposed works include the construction of a temporary haul road and a temporary storage construction compound to the north of Eamont Bridge.	Negligible Adverse	Slight Adverse
01-0099	Welcome Inn With Attached Stable And Barn	Welcome Inn with attached stables and barn has architectural and historic interest deriving from its mainly eighteenth century construction, its former use as a public house and the past development of Eamont Bridge village.	Welcome Inn has a roadside setting enclosed within Eamont Bridge village, which makes a positive contribution to the environmental value of the resource.	High	The building is within the ZVI. Temporary construction activities would occur within sight of the resource, including moving plant, lighting and noise. The proposed works include the construction of a temporary haul road and a temporary storage construction compound to the north of the resource.	Negligible Adverse	Slight Adverse
01-0102	Skirsgill	Skirsgill country house has architectural and historic interest deriving from its 1795 construction and early nineteenth century extension, its association with the surrounded	Skirsgill country house is set within the surrounding designed landscape of Skirsgill Park, which includes formal gardens and designed parkland areas. Small areas of mature woodland enclose the house to the	High	The building is located outside the ZVI. Temporary construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		designed landscape Skirsgill Park and its potential to increase understanding of country house developments within the North West.	north, west and east opening up to views south over the River Eamont. The designed landscape setting of Skirsgill Park makes a positive contribution to the environmental value of Skirsgill country house.		However, there is existing screening of the house, and works are proposed to the rear and sides of the property, not to the view from the front, which will serve to reduce impacts.		
01-0103	Terrace wall, gate posts and Steps in front of Skirsgill	The terrace wall, gatepost and steps for Skirsgill country house have architectural and historic interest for their late eighteenth or early nineteenth century date and their positive contribution to the appearance of Skirsgill country house.	The terrace wall, gatepost and steps for Skirsgill country house are set within the surrounding designed landscape of Skirsgill Park, which includes formal gardens and designed parkland areas. Small areas of mature woodland enclose the terrace wall, gatepost and steps along with the house to the north, west and east opening up to views south over the River Eamont. The designed landscape setting of Skirsgill Park makes a positive contribution to the environmental value of Skirsgill country house.	High	The resource is located outside the ZVI. Temporary construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise. However, there is existing screening of the house, and works are proposed to the rear and sides of the property, not to the view from the front, which will serve to reduce impacts.	Negligible Adverse	Slight Adverse
01-0109	Barns East Of Yanwath Hall	The barns east of Yanwath Hall have architectural and historic interest for their early nineteenth century construction and their association with the historic site of Yanwath Hall.	The barns east of Yanwath Hall are located in an enclosed farmyard setting in association with Yanwath Hall (01-0008), bordered by the River Eamont to the north and railway line to the east. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	The resource lies partially within the ZVI. Temporary construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise.	Negligible Adverse	Slight Adverse
01-0162	Building Complex (possible farmstead)	The building complex has architectural, archaeological and historic interest as the site of a former farmstead, with some historic elements possibly still surviving although much altered.	The building complex is located in an enclosed farmyard setting which makes a positive contribution to the environmental value of the resource.	Low	The building complex is located within the ZVI. Temporary construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise. However, the landscape provides screening from the project.	Negligible Adverse	Slight Adverse
02-0009	Carleton Hall Farmhouse	Carleton Hall Farmhouse has architectural and historic interest deriving from its early eighteenth century construction and potential to increase understanding of past agricultural activity.	Carleton Hall Farmhouse is located within an enclosed farmyard setting with bounded by an area of woodland to the south which screens the farmhouse from the existing A66. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	Located outside the ZVI. The resource is screened from the project, however temporary construction activities would occur within the vicinity of the resource, including moving plant and noise.	Negligible Adverse	Slight Adverse
01-0015	Mansion House	Mansion House has architectural and historic interest derived from its construction in 1686 and retention of original external and internal features including a late seventeenth century oak staircase, and the development of Eamont Bridge village.	Mansion House has a roadside setting enclosed within Eamont Bridge village. The roadside enclosed village setting makes a positive contribution to the environmental value of the resource.	High	The building is within the ZVI. Temporary construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise. The proposed works include the construction of a temporary haul road and a temporary storage construction compound to the north of Eamont Bridge.	Negligible Adverse	Neutral
01-0111	Penrith Conservation Area	Penrith Conservation Area has architectural, archaeological and historic interest derived from its role as a historic market town, the character of its red sandstone buildings with Welsh slate roofs, and the significant	Penrith Conservation Area lies in the centre of Penrith town in a densely built up urban setting. The Conservation Area's location in the historic core of Penrith makes a positive contribution to the resource.	Medium	The conservation area is predominately located outside of the zone of visual influence, and where it does fall within the ZVI, it is dispersed. In those areas within the zone of visual influence, construction	Negligible Adverse	Neutral

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		archaeological and historic resources it contains, such as Penrith Castle, the Parish Church of St Andrews and the early medieval Anglian crosses, shafts and hogback stones known as the Giant's Thumb and the Giant's Grave within St Andrews churchyard.			activities may occur at a distance from the resource, including moving plant, lighting and noise. However, the urban setting will negate potential adverse effects.		
01-0117	Skirsgill Lynchet	The earthwork lynchets have architectural, archaeological and historic interest deriving from their designed earthwork construction and potential to increase understanding of past agricultural land use.	The earthwork lynchets are located between Skirsgill Farm and the north bank of the river near Eamont Bridge, and occur in a narrow, curved glacial depression. The lynchets are set within the forested woodland setting of Wetheriggs Country Park, which makes a positive contribution to the environmental value of the resource.	Low	Earthwork archaeological remains beyond the Order Limits. Construction activities would occur within the setting of the earthwork, including moving plant, lighting and noise.	Negligible Adverse	Neutral
01-0120	Lancaster and Carlisle Railway / London and North Western Railway	The London and North Western Railway has architectural, archaeological and historic interest deriving from its railway heritage, its historic route connecting London, Lancaster and Carlisle and its potential to increase understanding of past connectivity, trade, industrial activity and travel.	The London and North Western Railway route traverses a varied rural and urban landscape throughout Cumbria and crosses the A66 just outside of the western end of the Project on an overbridge, but primarily has a railway transport setting, which makes a positive contribution to the environmental value of the resource.	Low	The railway is within the ZVI. Temporary construction activities would occur at a distance from the resource, including moving plant, lighting and noise. However, this would not impact the environmental value of the resource given its nature as a railway and the existing railway setting.	Negligible Adverse	Neutral
01-0130	Southwaitegreen Mill	Southwaitegreen Mill has architectural, archaeological and historic interest as the site of a former mill and associated water management features which have the potential to increase understanding of past industrial agricultural activity such as milling.	The mill building is located within the Southwaite Green Caravan Park, surrounded by a car park. The A66 crosses the River Eamont on a bridge and embankment, above the mill building to the north. Southwaitegreen Mill retains its riverside setting, with some elements of the associated sluice structure surviving, which makes a positive contribution to the environmental value of the resource.	Low	The resource lies partially within the ZVI. Temporary construction activities would occur at a distance from the resource, including moving plant, lighting and noise. However, the landscape change in elevation provides screening from the project.	Negligible Adverse	Neutral
01-0166	Former Smithy	The buildings have architectural, archaeological and historic interest deriving from their historic use as a smithy.	The buildings are located in a roadside setting enclosed within Eamont Bridge village, which makes a positive contribution to the environmental value of the resource.	Low	The resource is located within the ZVI. Temporary construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise, including a temporary haul route to the east of the site.	Negligible Adverse	Neutral
02-0032	Westmorland Holme River Dykes, Yanwath and Eamont Bridge	The dykes have architectural, archaeological and historic interest deriving from their planned earthwork design as dykes for the Rivers Eamont and Lowther and their potential to increase understanding of past water management and flood defence activities.	The dykes are located in rural agricultural land adjacent to the Rivers Eamont and Lowther, and their open riverside setting makes a positive contribution to the environmental value of the resource.	Low	A construction compound is proposed in a field to the north of the River Eamont. Associated noise and lighting will have adverse temporary impacts whilst it is in use. However this will not impact upon the environmental value of the dykes.	Negligible Adverse	Neutral
02-0033	Low Mill Corn and Snuff Mill	The former site of the Low Mill complex has archaeological and historic interest deriving from its former use as a corn mill and snuff mill, with one surviving wall now forming the boundary wall for the modern house on the site and potential for archaeological remains of the	The former site of the Low Mill complex retains its riverside association with the former mill leat still extant, which makes a positive contribution to the environmental value of the resource.	Low	The site is immediately adjacent to the Order Limits, but a high degree of screening exists. Temporary impacts will not alter any environmental value associated with the remains.	Negligible Adverse	Neutral

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		former corn and snuff mills to survive at the site.					

Penrith to Temple Sowerby

8.10.3.5 A total of 16 heritage resources located within the study area and ZVI of this scheme would receive a temporary construction effect. Of these, three would be significant.

Table 3: Penrith to Temple Sowerby temporary construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
03-0006	Countess's Pillar	The Countess Pillar has architectural and historic interest deriving from its unique nature as a commemorative marker erected by an important historical figure, Lady Anne Clifford in memory of her mother. The neighbouring monument of the Alms Table is mentioned in the inscription and provides group value. The Scheduling notes that the monument provides insight into the importance of the nobility in the earlier post-medieval period and their role in establishing landmarks and commemorative monuments.	The Countess Pillar is located on the roadside to the south of the A66, enclosed within railings, with the location specifically chosen to commemorate the place where Lady Anne Clifford and her mother last parted where the A66 met the Brougham Castle drive in the seventeenth century. Additionally, the position and alignment of the monument is related to the sundials on its sides, and the placement of the Countess Pillar makes a positive contribution to the environmental value of the resource.	High	The resource is located within the Order Limits but will not be removed or physically impacted by the Project. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. There is also a possibility of restricted access during the construction phase.	Minor Adverse	Moderate Adverse
03-0007	Alms Table Beside Countess's Pillar	The Alms Table has architectural and historic interest deriving from its group value with the neighbouring monument the Countess Pillar, its historic use for the distribution of alms on 2nd April each year since 1656, the importance of the nobility in the earlier post-medieval period and their role in establishing landmarks and commemorative monuments.	The Alms Table is located on the roadside to the south of the A66, enclosed within railings and adjacent to the Countess Pillar, with the location of both specifically chosen to commemorate the place where Lady Anne Clifford and her mother last parted where the A66 met the Brougham Castle drive in the seventeenth century. The placement of the Alms Table makes a positive contribution to the environmental value of the resource.	High	The resource is located within the Order Limits but will not be removed or physically impacted by the Project. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. There is also a possibility of restricted access during the construction phase.	Minor Adverse	Moderate Adverse
03-0013	Milestone East Of Whinfall Park	The milestone has architectural and historic interest deriving from its placement and use as a milestone marker. The milestone has the potential to increase understanding of past communication routes and transport activity along the historic route of the A66.	The milestone has a roadside location and indicates the distance from its location to local landmarks Appleby and Penrith. Its specific placement and roadside setting make a positive contribution to the environmental value of the resource.	High	The milestone is located within the Order Limits. The proposed works would include the widening of an existing section of the road which incorporates the location of the milestone, and as such it is anticipated that it will be required it to be removed whilst works are being undertaken. Provided it is restored to as close a location as practicable this would be a temporary impact.	Minor Adverse	Moderate Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
03-0191	Whinfell House	Whinfell House farm buildings have architectural and historic interest deriving from their pre-1860 construction and use and provide an example of vernacular farming architecture.	Whinfell House farm buildings retain their enclosed farmyard setting within a larger agricultural field landscape which makes a positive contribution to the environmental value of the resource.	Low	Farm buildings within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Moderate Adverse	Slight Adverse
03-0188	Whinfell	Whinfell farm buildings have architectural and historic interest deriving from their pre-1860 construction and use and provide an example of vernacular farming architecture.	Whinfell farm buildings retain their enclosed farmyard setting within a larger agricultural field landscape which makes a positive contribution to the environmental value of the resource.	Low	Former farm buildings within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
03-0001	Roman marching camp 450yds (410m) NE of Brocavum	The Roman camp near Brocavum has archaeological and historic interest deriving from the archaeological survival of the extent of the Roman camp indicated by cropmarks visible in aerial photographs and LiDAR data. The site has potential to increase understanding of the early Roman occupation and settlement at Brougham and the construction, alignment and use of the Roman Road (01-0001).	The buried archaeological remains of the Roman camp near Brocavum are located within a rural agricultural and pastureland setting near to the route of the Roman Road, the location of the Roman Fort and civil settlement, and the historic crossing of the River Eamont, and these spatial associations make a limited positive contribution to the environmental value of the buried archaeological remains.	High	The resource is located within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the resource consists of cropmarks and buried archaeological remains whose setting makes a limited contribution to their environmental value.	Negligible Adverse	Slight Adverse
03-0003	Romano- British farmstead and a length of Roman road 800m south of Winderwath	The Romano-British farmstead and length of Roman Road have archaeological and historic interest derived from the archaeological survival of the farmstead and road indicated by cropmarks visible in aerial photographs and LiDAR data. The site has potential to increase understanding of Romano-British settlement and land use and the construction, alignment and use of the Roman Road.	The buried archaeological remains of the Romano-British farmstead and length of Roman Road are located in a rural agricultural and pastureland setting along the alignment of the Roman Road linking the Roman Forts at Brougham and Kirkby Thore, and close to the River Eden, and these spatial associations make a limited positive contribution to the environmental value of the buried archaeological remains.	High	The resource is located within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the resource consists of cropmarks and buried archaeological remains whose setting makes a limited contribution to their environmental value.	Negligible Adverse	Slight Adverse
03-0004	Settlement 1/3 mile (540m) ENE of Brougham Castle OR Brougham Vicus, Brougham	The settlement near Brougham Castle has archaeological and historic interest deriving from the archaeological survival of the dispersed vicus settlement near Brocavum Roman Fort indicated by cropmarks visible in aerial photographs, LiDAR data, geophysical survey and archaeological investigation. The site has the potential to increase understanding of Romano-British settlement and landuse within a vicus settlement, the Roman military occupation and settlement of the area near Brougham, the construction, development and use of the Roman Road, and Romano-British cemetery practices and funerary behaviours.	The buried archaeological remains near Brougham Castle are located within a rural agricultural and pastureland setting, in close association with other Romano-British archaeological evidence in the area such as the Roman Camp near Brougham, Brougham Roman Fort and civil settlement and the former course of the Roman Road. These spatial associations make a limited positive contribution to the environmental value of the resource.	High	The Scheduled Monument lies partially within the Order Limits, along the southern boundary of the scheduled area, with the rest of the monument within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the resource consists of cropmarks and buried archaeological remains whose setting makes a limited contribution to their environmental value.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
03-0005	St Ninian's preconquest monastic site, site of nucleated medieval settlement, St Ninian's Church and churchyard	The site of St Ninian's church, monastic and settlement site has architectural, archaeological and historic interest deriving from the surviving seventeenth century church at the site, the surviving architectural elements and buried archaeological remains associated with the preceding medieval church at the site, as well as the buried archaeological remains of the Early Medieval monastic site and the deserted medieval settlement of Brougham village. The St Ninian's site has the potential to increase understanding of Early Medieval monasticism and the spread of Christianity in the North West, the changing pattern of settlement and land use from the Early Medieval to the post medieval period at Brougham, changing architectural forms of church and churchyard construction and use, and the potential for earlier human activity at the site visible through earthwork remains, cropmarks and archaeological survey.	The site of St Ninian's church, monastic site and deserted medieval village of Brougham are located in a rural agricultural and pastureland setting within a bend of the River Eamont that is approached from the south via a footpath that descends towards the site and the River Eamont. The site's lower elevation by the River Eamont within the surrounding higher landscape and the screening from woodland areas beyond the site in all directions adds to the sense of tranquillity at the site. The standing building remains of the seventeenth century church are set within an enclosed churchyard setting, ringed with trees and a drystone wall which partially screen the church from exterior view, which makes a positive contribution to the environmental value of the church and churchyard. The faint earthworks and buried archaeological remains of the earlier church, monastic site and deserted medieval village of Brougham surround the churchyard and the spatial association between each these elements also makes a positive contribution to the environmental value of these resources.	High	The resource lies partially within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, distance and the existing screening will reduce this impact.	Negligible Adverse	Slight Adverse
03-0009	Low Woodside	The farmhouse and estate office has architectural and historic interest deriving from its early nineteenth century construction, and its historic relation to the surrounding estate landscape.	The farmhouse and estate office are set on a slight rise overlooking the surrounding landscape surrounded by a low stone wall. The frontage faces south-eastwards with the rear enclosed within a farmyard setting. The location overlooking the surrounding estate landscape combined with the enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	The resource is located within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, distance and the existing screening will reduce this impact.	Negligible Adverse	Slight Adverse
03-0015	Fremington	Fremington has architectural and historic interest deriving from its late eighteenth or early nineteenth century construction and use, and potential to improve understanding of the local architectural vernacular at Brougham.	Fremington is set within a stone and brick walled and gated garden, alongside a linked enclosed farmyard. The enclosed rural agricultural farmyard to the side and rear, and the enclosed residential garden setting to the front make a positive contribution to the environmental value of the resource.	High	The resource is located within the ZVI. Temporary construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise. However, distance and the existing screening will reduce this impact.	Negligible Adverse	Slight Adverse
03-0089	Whinfell Park, Brougham	The Whinfell Park deer park has archaeological and historic interest deriving from the historic land use of the site as a deer park as well as the potential for surviving archaeological landscape features such as boundary ditches, the park pale and holloways. Whinfell Park deer park has the potential to increase the understanding of the role of hunting and emparkment within Medieval society.	The Whinfell Park deer park covers a large landscape within a historic area characterised as planned enclosures on low fell and incorporates much of the surviving woodland area of Whinfell Forest. The forest setting of Whinfell Park makes a positive contribution to the environmental value of the resource.	Medium	The majority of this historic landscape is located outside the Order Limits and partially within the ZVI. Temporary construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the scale of the resource, distance and the existing screening will reduce this impact.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
03-0094	Woodside Farm	The traditional farm buildings of Woodside Farm have architectural and historic interest deriving from their historic connection to local farming and the barns as a group form a good example of vernacular farming architecture.	The traditional farm buildings of Woodside Farm are located within an enclosed farmyard setting within a larger farm complex of agricultural fields. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	Low	Located partially within the ZVI. The distance and topography will reduce any impacts.	Negligible Adverse	Slight Adverse
03-0091	Brougham Mill	The former sawmill and corn mill have architectural, archaeological and historic interest derived from their past industrial use and their contribution to the local architectural vernacular. The former sawmill and corn mill, as well as surviving related water management features such as the mill leat, have the potential to increase the understanding of post medieval mill activity on the River Eamont.	The former sawmill and corn mill retain their historic relationship with the River Eamont and the mill leat system, and are now set within hedge-lined and enclosed landscaped grounds adjacent to the River Eamont. The riverside settings make a positive contribution to the environmental value of the resource.	Low	The resource is partially located within the ZVI. Temporary construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise. However, distance and the existing screening will reduce this impact.	Negligible Adverse	Neutral
03-0167	Mound	The earthwork archaeological remains have archaeological and historic interest deriving from their potential to be the remains of a ploughed damaged barrow and ability to contribute towards an understanding of prehistoric funerary behaviour.	The earthwork archaeological remains are located within a large open rural agricultural field bounded by a mix of stone walls and hedges. The rural field setting makes a positive contribution to the environmental value of the resource.	Low	Earthwork archaeological remains within the ZVI but beyond the Order Limits. Construction activities would occur within the setting of the earthwork, including moving plant, lighting and noise.	Negligible Adverse	Neutral
03-0181	Castle Farm	Castle Farm has architectural and historic interest deriving from its pre-1860 construction and use, and the group provides a good example of farm building vernacular architecture.	Castle Farm is located within an enclosed farmyard setting within a larger agricultural field landscape which makes a positive contribution to the environmental value of the resource.	Low	Farm buildings within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Negligible Adverse	Neutral

Temple Sowerby to Appleby

8.10.3.6 A total of 48 heritage resources located within the study area and ZVI of this scheme would receive a temporary construction effect. Of these, four would be significant.

Table 4: Temple Sowerby to Appleby temporary construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0047	Milestone to north east of Crackenthorpe Hall	The resource holds architectural and historic interest as a surviving example of local transport infrastructure during the 18th century.	The relationship between the resource and the A66 corridor contributes to its historic interest.	High	The milestone is located entirely within the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, these impacts are not considered to be meaningfully differ from the baseline given the nature of the resource. The resource may be required to be removed whilst works are being undertaken for its protection from construction activities. Provided it is restored to as close a location as practicable this would be a temporary impact.	Minor Adverse	Moderate Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0101	Coach house, Barns, Byres and Entrance arch to north of Spitals Farmhouse	The resource holds architectural and historical interest as an example of a local agricultural structure from the 19th century.	The setting of the resource comprises its surrounding farm complex and the immediate surrounding rural landscape.	High	Located within the ZVI and in close proximity to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise immediately adjacent to it.	Minor Adverse	Moderate Adverse
0405-0102	Threshing barn and byre to east of Spitals Farmhouse	The resource holds architectural and historical interest as an example of a local agricultural structure from the 19th century.	The setting of the resource comprises its surrounding farm complex and the immediate surrounding rural landscape.	High	Located within the ZVI and in close proximity to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise immediately adjacent to it.	Minor Adverse	Moderate Adverse
0405-0103	Spitals Farmhouse with Adjoining Stables, Byre, and Gin Gang	The resource holds architectural and historical interest as an example of a local agricultural structure from the 19th century.	The setting of the resource comprises its surrounding farm complex and the immediate surrounding rural landscape.	High	Located within the ZVI and in close proximity to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise immediately adjacent to it.	Minor Adverse	Moderate Adverse
0405-0465	Lowmoor Row (& well)	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the additional buildings within the hamlet and the rural landscape which immediately surrounds it. These both contribute to the historic interest of the resource.	Low	Historic cottages located within the ZVI and adjacent to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise, and a temporary construction compound storage area.	Moderate Adverse	Slight Adverse
0405-0466	Former Horse & Jockey Public House	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the additional buildings within the hamlet, the A66 itself, and the rural landscape which immediately surrounds it. These both contribute to the historic interest of the resource.	Low	Historic pub located within the ZVI and adjacent to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise, and a temporary construction compound storage area.	Moderate Adverse	Slight Adverse
0405-0004	Roman Camp, 350m east of Redlands Bank	The Roman camp located 350m east of Redlands Bank has architectural, archaeological and historic interest deriving from the earthwork remains of the defensive enclosure and traverses, and the cropmarks indicating buried archaeological remains at the site relating to the construction, use and abandonment of the Roman camp.	The Roman camp, which falls into three areas, has both earthwork and cropmark remains is sited parallel and on the south-west side the Roman road between Kirkby Thore and Brough within agricultural fields, on broadly level ground bisected by a steep sided gully. The monument is one of a number of Roman remains located along the route of the Roman road from Kirkby Thore to Brough, including the Kirkby Thore Roman fort and vicus to the north west and a Roman fortlet to the south east. Taken together these monuments provide insight into the Roman military strategy for the occupation of Britain, and this spatial association makes a positive contribution to the environmental value of the resource.	High	The Roman Camp is located within the ZVI and immediately adjacent to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0005	Roman Fortlet 200m SSE of Castrigg	The Roman fortlet at Castrigg has architectural, archaeological and historic interest deriving from the earthwork remains, cropmarks indicated buried archaeological remains at the site relating to the construction, use and abandonment of the Roman camp	The Roman fortlet at Castrigg is located within an agricultural field with a footpath following the former route of the Roman Road bordering the site to the south. The monument is one of a number of Roman remains located along the route of the Roman road from Kirkby Thore to Brough, including the Kirkby Thore Roman fort and vicus and Roman camp near	High	The Roman fortlet is located within the ZVI and immediately adjacent to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		including the potential remains of a Roman signal station.	Redlands Bank to the north west. Taken together these monuments provide insight into the Roman military strategy for the occupation of Britain, and this spatial association makes a positive contribution to the environmental value of the resource.				
0405-0008	Church of St Michael	The Parish Church of St Michael has architectural, archaeological and historic interest deriving from its twelfth century construction and use. The siting, construction and use of the parish church has potential to increase understanding of the local and regional Medieval Christian church.	The Parish Church of St Margaret and St James is located within an enclosed churchyard setting, with the churchyard surrounded by stone walls and hedges, and encircled by trees. The enclosed churchyard setting makes a positive contribution to the environmental value of the resource.	High	The church is mainly screened from the project, aside from the west tower which lies within the ZVI. Construction activities would occur within 200m of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0009	Kirkby Thore Hall	Kirkby Thore Hall has architectural and historic interest deriving from its historic connection to the Wharton family, fourteenth century construction and use, and later sixteenth and seventeenth additions and alterations.	Kirkby Thore Hall has been converted to farmhouse use and currently has a farmyard setting to the rear set within open agricultural fields, and approached by a tree lined drive leading from the Main Street.	High	The hall is located partially within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0046	Stone Cottage	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. Construction activities would occur within 400m of the cottage, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0079	Gateposts, walls and railings in front of Oak Tree House, Main Street	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises Main Street and the historic village core of Kirkby Thore.	High	Located within the ZVI. Construction activities would occur within 500m of the structure, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0080	Oak Tree House	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. Construction activities would occur within 500m of the structure, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0085	Main building at Appleby Grammar School	The resource holds architectural and historical interest as an example of the local architectural vernacular and education infrastructure.	The setting of the resource comprises the additional buildings within the grammar school grounds and the historic village core of Appleby-In-Westmoreland.	High	Located partially within the ZVI. Construction activities would occur within the wider setting of the resource, including moving plant, lighting and noise. However, the distance from the scheme and the existing A66 would reduce the impacts.	Minor Adverse	Slight Adverse
0405-0149	Temple Sowerby Medieval Village	The resource holds archaeological and historic interest as due to its potential to illustrate previous iterations of the Temple Sowerby settlement. Any surviving structural remains may also hold architectural interest.	The rural landscape which surrounds the settlement contributes to its historic interest.	Low	Site of a medieval village partially located within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. This would be most notable in the southeast end of the village.	Minor Adverse	Slight Adverse
0405-0152	Crackenthorpe Medieval Village	The resource holds archaeological and historic interest as due to its potential to illustrate previous iterations of the Crakenthorpe settlement. Any surviving structural remains may also hold architectural interest.	The rural landscape which surrounds the settlement contributes to its historic interest.	Low	Remains of a shrunken medieval village partially within both the Order Limits and the ZVI. Construction activities would occur within the setting of the shrunken village remains, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0156	Kirkby Thore	The resource holds archaeological and historic interest as due to its potential to illustrate previous iterations of the settlement. Any surviving structural remains may also hold architectural interest.	The rural landscape which surrounds the settlement contributes to its historic interest.	Low	Site of a medieval village and associated field systems partially located within the ZVI and the Order Limits. Construction activities would occur within the setting of the village, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0424	Crackenthorpe Methodist Chapel	The resource holds historic and architectural interest as a surviving example of unusual 19th century ecclesiastical architecture.	The setting of the resource, within the village of Crakenthorpe, contributes to its historic interest.	Medium	Methodist chapel tin tabernacle located adjacent to the Order Limits. Construction activities would occur within the setting of the Methodist chapel, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0467	Former Oldfellows' Arms Public House	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the A66, which provides a rationale for its location, and the rural landscape which immediately surrounds it. These both contribute to the historic interest of the resource.	Low	Historic pub located within the ZVI and adjacent to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0468	Kelk House	The resource holds architectural and historical interest as an example of a historic farm complex	The surrounding farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Site of former farmhouse within the ZVI and adjacent to the Order Limits. Construction activities would occur within the wider setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0470	Bridge End Farm	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Historic farm buildings within the ZVI and adjacent to the Order Limits. Construction activities would occur within the wider setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0472	Sleastonhow	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Site of former farmstead partially within ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the farmstead is screened from the site by surrounding vegetation.	Minor Adverse	Slight Adverse
0405-0474	Powis House	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Historic farm buildings within the ZVI and adjacent to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0476	Outbuildings at Marton Lane End	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Historic farm buildings within the ZVI and adjacent to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0481	Brockham (Elephant Inn)	The resource holds architectural and historical interest as an example of a historic public house.	The rural, roadside setting of the resource contributes to its historic value.	Low	Historic buildings within the ZVI and adjacent to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
0405-0001	Farmstead 700 yards NNW of Redlands Bank	The cropmark and enclosure has archaeological and historic interest deriving from their nature as buried archaeological remains and relating to	The cropmark and enclosure is located in a rural agricultural field setting close to the route of the Roman Road and in proximity to the broadly contemporary Roman temporary camp located 850m	High	The cropmark and enclosure is located within the ZVI. Construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise. The proposed works include	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		the enclosure's past construction, use and abandonment and environmental deposits relating to the use of the surrounding landscape.	to the south-east. Taken together the monuments provide insight into the relationship between native settlement and Roman military fortifications during the Roman occupation of Britain, and this spatial association makes a strong positive contribution to the environmental value of the resource.		the realignment of the A66 and associated construction works within the site's vicinity. Given the distance of the site from the road and the presence of the existing road corridor in views, and that the relationship between the enclosure and the Roman camp at Redlands Bank would not be interrupted, this would result in a negligible adverse impact.		
0405-0002	Roman Milestone 180m north west of Spitals	The Roman milestone has architectural, archaeological and historic interest deriving from its red sandstone construction, its location, thought to be in its original position, and use as both a milestone marker for the Roman Road and as a marker for the later parish boundary between Temple Sowerby and Kirkby Thore.	The milestone has a roadside location along a segment of the former Roman Road and on the parish boundary between Temple Sowerby and Kirkby Thore. Its specific placement and roadside setting make a positive contribution to the environmental value of the resource.	High	The milestone is located within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Negligible Adverse	Slight Adverse
0405-0003	Kirkby Thore Roman Fort and Associated Vicus	The Roman fort Bravoniacum and its associated vicus at Kirkby Thore has architectural, archaeological and historic interest deriving from the visible remains of the rampart, the buried archaeological remains of the fort and vicus, and its potential to increase understanding of past Roman occupation and settlement at Kirkby Thore and the later development of Kirkby Thore village.	The Roman fort Bravoniacum and its associated vicus is located in agricultural fields at the southern end of the village of Kirkby Thore. The existing A66 following the route of the Roman Road cuts through the southwest part of the scheduled area, while the modern Main Street of the village bisects the scheduled area north to south. Although the archaeological and structural remains of the fort have been denuded by ploughing in the past, the rampart remains visible as a low but distinct terrace. The spatial association between the Roman fort Bravoniacum and its associated vicus, the route of the Roman Road and the later development of Kirkby Thore village makes a positive contribution to the environmental value of the resource.	High	The fort and vicus are located within the ZVI and immediately adjacent to the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Negligible Adverse	Slight Adverse
0405-0006	Church of St Margaret and St James	The Parish Church of St Margaret and St James has architectural, archaeological and historic interest deriving from its Early Medieval construction and use, which was incorporated into the later twelfth, fifteenth and sixteenth century construction and additions and the nineteenth century restoration work. The siting, construction and use of the parish church has potential to increase understanding of the local and regional spread of early Christianity.	The Parish Church of St Margaret and St James is located within a churchyard setting enclosed within stone walls and which is fully tree lined to the east and west but not to the south where there are views southwards across the agricultural landscape and the River Eden valley especially from the twelfth century church tower at the south end of the church. The enclosed churchyard setting and southwards views make a positive contribution to the environmental value of the resource.	High	The church is partially located within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0010	Mount Pleasant Farmhouse, cottage and attached cart shed	Mount Pleasant farmhouse, cottage and attached cart shed has architectural and historic interest deriving from their 1788 construction and use, and provides an example of vernacular farming architecture.	Mount Pleasant farmhouse, cottage and attached cart shed is located within a hedge and tree lined garden within an enclosed village setting, surrounded by a mix of older village buildings and modern housing development, with views southward from the front of the farmhouse across agricultural fields towards Kirkby Thore Hall.	High	The farmhouse is located within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the location of the building within the village will reduce these impacts.	Negligible Adverse	Slight Adverse
0405-0011	Crackenthorpe Hall	Crackenthorpe Hall has architectural, archaeological and historic interest deriving from its early seventeenth century rebuilding, with later eighteenth and nineteenth century updates and alterations, its location on the site of an earlier hall, and the reuse of Roman altars and stonework within the Hall building.	Crackenthorpe Hall is located in an enclosed courtyard setting, surrounded by a landscaped garden and set within woodland which screens the Hall and gardens from the wider landscape.	High	The hall is screened from the Project and is located outside the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the distance from the scheme and the existing A66 would reduce the impacts.	Negligible Adverse	Slight Adverse
0405-0015	Roman arches on south side of Main Street	The Roman arches have architectural, archaeological and historic interest deriving from their Roman construction and use within Kirkby Thore and their twentieth century reuse within a wall.	The Roman arches are set within an early twentieth century wall along the south side of the Kirkby Thore Main Street, facing across pasture fields on the site of the Kirkby Thore Roman Fort and associated vicus. The spatial association with the former site of the Roman fort and associated vicus makes a positive contribution to the environmental value of the resource.	High	The arches are located within the ZVI. Construction activities would occur within the setting of the arches, including moving plant, lighting and noise. However, the distance from the scheme and the present setting of the arches would reduce the impacts.	Negligible Adverse	Slight Adverse
0405-0031	Edendale Cottage area railings and central gate	Edendale Cottage has architectural and historic interest deriving from its eighteenth century construction and use. The cottage contributes to a greater understanding of the local cottage vernacular.	Edendale Cottage is located within Temple Sowerby village, within a small yard enclosed by a stone wall topped with railings. Its enclosed village setting makes a positive contribution to the environmental value of the resource.	High	Located within the ZVI. Construction activities would occur within the setting of the structure, including moving plant, lighting and noise. However, the distance from the scheme and the present setting within Temple Sowerby would negate the impacts.	Negligible Adverse	Slight Adverse
0405-0032	Temple Sowerby House	Temple Sowerby House has architectural and historic interest deriving from its 1727 original construction and use, and later eighteenth and nineteenth century additional range construction and use, and provides an example of local vernacular architecture.	Temple Sowerby House is located with Temple Sowerby village, within a small yard enclosed by a low stone wall and hedge. Its enclosed village setting makes a positive contribution to the environmental value of the resource.	High	Located within the ZVI. Construction activities would occur within the setting of the house, including moving plant, lighting and noise. However, the distance from the scheme and the existing setting would reduce the impacts.	Negligible Adverse	Slight Adverse
0405-0045	Wall to village pound and old fire engine house within; north west of Foresters' hall	The village pound and old fire engine house have architectural and historic interest deriving from their late eighteenth century construction and use, and later alterations and adaptations, and an example of a village pound.	The village pound has a central roadside location within Kirkby Thore village. Its enclosed village setting makes a positive contribution to the environmental value of the resource.	High	Located within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the current village setting would reduce the impact.	Negligible Adverse	Slight Adverse
0405-0048	Clickham Farmhouse	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	High	The farmhouse is located within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0070	Edendale House	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Temple Sowerby and its immediate rural environs.	High	The house is located partially within the ZVI. Construction activities would occur within the setting of the house, including moving plant, lighting and noise.	Negligible Adverse	Slight Adverse
0405-0076	Cottage granary to west of Mount Pleasant Farmhouse	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the current village setting would reduce the impact.	Negligible Adverse	Slight Adverse
0405-0077	Thorneycroft	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, the current village setting would reduce the impact.	Negligible Adverse	Slight Adverse
0405-0078	Foresters' Hall	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. Construction activities would occur within the setting of the hall, including moving plant, lighting and noise. However, the hall's setting within Kirkby Thore would reduce the impact.	Negligible Adverse	Slight Adverse
0405-0108	Temple Sowerby	The resource has architectural, archaeological and historic interest derived from its origins as a medieval village, preserving the local, post-medieval architectural vernacular and earlier alignment of the settlement which hugs the route of the B6412.	The setting of the resource comprises the historic field systems to the east and west of the village and wider agricultural landscape, both of which contribute to its historic interest.	Medium	The Temple Sowerby Conservation Area is located partially within the ZVI, with dispersed areas only where there may be visibility of the project. There may be some locations where the construction works are visible, but the impact is anticipated to be negligible. Adverse light and noise impacts are anticipated to be negligible due to the distance and existent setting.	Negligible Adverse	Slight Adverse
0405-0109	Appleby	The resource has architectural, archaeological and historic interest derived from its origins as a medieval village, preserving the local, post-medieval architectural vernacular and earlier alignment of the settlement which hugs the historic route of The Street.	The Conservation Area lies in the centre of the town surrounded by 20th century urban expansion. The modern town of Appleby forms its setting but does not contribute to its value.	Medium	The Appleby Conservation Area is located partially within the ZVI, with dispersed areas only where there may be visibility of the project. There may be some locations where the construction works are visible, but the impact is anticipated to be negligible. Adverse light and noise impacts are anticipated to be negligible due to the distance.	Negligible Adverse	Slight Adverse
0405-0110	Settle - Carlisle Railway	The resource has architectural, archaeological and historic interest as a protected area marking the route of a piece of 19th century transport infrastructure.	The setting of the resource is varied as it traverses the terrain of the North Pennine foothills and the Eden valley floor. The nature and topography of its setting dictated the route and style of its construction and therefore contributes to its historic interest.	Medium	A very small area of this long linear Conservation Area is located within the Order Limits where the Conservation Area crosses over the existing A66 alignment on a bridge. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. The degree of impact will vary across the project, with the impact being negligible to non-existent across the majority of the railway's alignment.	Negligible Adverse	Slight Adverse
0405-0461	Skygarth	The resource holds historic and architectural interest as a surviving example of agricultural architecture.	The Skygarth farm complex comprises the immediate setting of the resource, with the surrounding rural	Low	Located within the ZVI. Construction activities would occur within the setting of the resource,	Negligible Adverse	Slight Adverse (Neutral)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			landscape also contributing to its historic value as part of the resource's setting.		including moving plant, lighting and noise, and a temporary construction compound storage area.		
0405-0151	Colby Hall, Colby	The resource holds historic interest as an example of a local deer park dating to the medieval period. Any extant boundary demarkation would hold archaeological value.	The rural landscape which surrounds the deer park contributes to its historic interest.	Low	Historic landscape features associated with a Medieval deer park partially located within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Minor Adverse	Neutral
0405-0166	Temple Sowerby Railway Station	The resource holds historic and architectural interest as a surviving example of 19th century transport infrastructure.	The proximity of the resource to the village of Temple Sowerby contributes to its historic value.	Low	Former railway station buildings within the ZVI. Construction activities would occur within the setting of the former railway station buildings, including moving plant, lighting and noise and a temporary construction compound storage area.	Negligible Adverse	Neutral
0405-0168	Crackenthorpe World War II Pillbox near the River Eden	The resource holds historic and architectural interest as a surviving example of 20th century military architecture.	The rural landscape which surrounds the resource contributes to its historic interest.	Medium	Pillbox located at the edge of the ZVI. Construction activities would occur within the setting of the pillbox, including moving plant, lighting and noise. However, this will not impact upon the environmental value of the resource.	Negligible Adverse	Neutral
0405-0432	Temple Sowerby Methodist Chapel and Sunday School	The resource holds historic and architectural interest as a surviving example of 19th century ecclesiastical architecture.	The setting of the resource, within the village of Temple Sowerby, contributes to its historic interest.	Low	Chapel and Sunday School located within the ZVI. Temporary construction works will occur within the setting of the chapel and Sunday School including moving plant, lighting and noise. However, the impacts will be temporary and reduced by distance and the existing landscape.	Negligible Adverse	Neutral

Appleby to Brough

8.10.3.7 A total of 41 heritage resources located within the study area and ZVI of this scheme would receive a temporary construction effect. Of these, one would be significant .

Table 5: Appleby to Brough temporary construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interest and/or value	Setting contribution	Value	Impact	Magnitude	Effect
06-0038	Boundary Stone To North Of Bullistone Cottage	The boundary stone has architectural and historic interest deriving from its nineteenth century construction and use, and contribution to understanding transport and communication associated with the A66.	The boundary stone is located on the south side of the A66 and marks the boundary between the township of Brough to the south and the township of Hilbeck to the north. The roadside boundary setting makes a positive contribution to the environmental value of the resource.	High	The boundary stone is located within the Order Limits. The proposed works would include the widening of an existing section of the road which incorporates the location of the boundary stone, and it will be required it to be removed whilst works are being undertaken. Provided it is reinstated as close as practicable to its original location, this would be a temporary impact.	Minor Adverse	Moderate Adverse
06-0220	Domestic property adjacent to junction with B6276	The historic building with later alterations has architectural and historic interest derived from its pre-1841 construction and use.	The historic building with later alterations is set within rural agricultural fields adjacent to the A66. The agricultural setting makes a positive contribution to the environmental value of the resource.	Low	Historic building within the ZVI. Construction activities would occur within the setting of the building, including moving plant, lighting and noise, and a temporary construction compound area.	Major Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interest and/or value	Setting contribution	Value	Impact	Magnitude	Effect
06-0003	Warcop Roman Camp And Length Of Roman Road, 285m South West Of Moor House	Warcop Roman Camp has architectural, archaeological and historic interest deriving from its surviving earthworks and buried archaeological remains at the site relating to the construction, use and abandonment of the Roman camp as well as the potential to increase understanding of past Roman occupation and settlement at Warcop.	Warcop Roman Camp, including the buried remains of the camp together with the earthworks and buried remains of a 200m length of Roman road running along the south side of the camp, is located within modern agricultural fields on the gentle south-facing slope of a spur which descends gradually to the south east with the existing route of the A66 bounding the site to the south. The spatial association with the Roman Road makes a positive contribution to the environmental value of the resource.	High	Warcop Roman Camp is located within the ZVI and partially within the Order Limits. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. However, these will be temporary.	Minor Adverse	Slight Adverse
06-0092	Walk Mill High Bridge, Warcop	The resource holds architectural and historic interest as an historic bridge and potentially archaeological value as the site of previous historic crossing points.	The primary setting of the resource comprises Moor Beck and the present route of the A66; these both contribute to its historic interest. There are views from the bridge over the surrounding, open agricultural farmland which forms its wider setting.	Low	Walk Mill High Bridge carrying the existing A66 over Hayber Gill is located within the Order Limits. Construction activities would occur within the setting of the bridge, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
06-0094	Warcop Walk Mill, Warcop	The resource holds architectural and historic interest as a surviving example of 18th century industrial architecture.	The setting of the resource comprises the associated surviving mill race channels, Moor Beck and the historic mill grounds surrounding the structure. Both contribute to its historic value.	Low	Walk Mill building located within the ZVI. Construction activities would occur to the south, adjacent to the Moor Beck, within the setting of the mill, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
06-0095	Warcop Railway Station	The resource holds architectural and historic interest as an example of mid 19th century railway architecture and transport infrastructure.	The setting of the resource comprises the (now) Eden Valley Railway and all surviving associated railway infrastructure, which contributes to its historic value.	Low	Warcop Railway Station is located within the ZVI. Construction activities would occur within the setting of the station, to the immediate north of the resource, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
06-0096	Demesne Barns, Helbeck	The resource holds architectural and historic interest as an example of post-medieval agricultural architecture.	The resource's setting is formed by the clearly demarked land parcel within which the structures are sited. Its wider setting is formed by the surrounding agricultural landscape, formerly part of Helbeck Manor.	Low	Barns located within the ZVI. Construction activities would occur to the south of the resource, within its wider landscape setting, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
06-0099	The Gatehouse Toll House, Musgrave	The resource holds architectural and historic interest as an example of mid 18th century local vernacular architecture.	The resource is closely associated with the former Turnpike Road, now the A66. This forms its primary setting and contributes to its historic value.	Low	Tollhouse located within the ZVI. Construction activities would occur within the setting of the toll house, along the A66, including moving plant, lighting and noise, and a temporary construction compound storage area.	Minor Adverse	Slight Adverse
06-0189	Lone building (site of) NW of New Hall Farm	The resource holds architectural and historic interest as a surviving example of the local historic architectural vernacular of domestic and agricultural buildings.	The resource's setting is the farm complex which surrounds the structure and the wider agricultural landscape, both of which contribute to its historic value.	Low	Former farm buildings within the ZVI. Construction activities would occur within the agricultural setting of the farm building (to the north-east), including moving plant, lighting and noise.	Minor Adverse	Slight Adverse
06-0190	New Hall	The resource holds architectural and historic interest as a surviving example of the local historic architectural vernacular of domestic and agricultural buildings.	The resource's setting is the farm complex which surrounds the structure and the wider agricultural landscape, both of which contribute to its historic value.	Low	Farm buildings within the ZVI. Construction activities would occur within the setting of the farm building, including moving plant, lighting and noise.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interest and/or value	Setting contribution	Value	Impact	Magnitude	Effect
06-0192	Platts	The resource holds architectural and historic interest as a surviving example of the local historic architectural vernacular of domestic and agricultural buildings.	The resource's setting is the complex and land parcel which surrounds the structure and the wider agricultural landscape, both of which contribute to its historic value.	Low	Historic building within the ZVI. Construction activities would occur within the setting of the building, including moving plant, lighting and noise, and a temporary construction compound area.	Minor Adverse	Slight Adverse
06-0193	Dyke Nook	The resource holds architectural and historic interest as a surviving example of the local historic architectural vernacular of domestic and agricultural buildings.	The resource's setting is the farm complex which surrounds the structure and the wider agricultural landscape, both of which contribute to its historic value.	Low	Historic building within the ZVI. Construction activities would occur within the setting of the building, including moving plant, lighting and noise, and a temporary construction compound area.	Minor Adverse	Slight Adverse
06-0197	Moor House	The resource holds architectural and historic interest as a surviving example of the local historic architectural vernacular of domestic and agricultural buildings.	The resource's setting is the complex and land parcel which surrounds the structure and the wider agricultural landscape, both of which contribute to its historic value.	Low	Farm buildings within the ZVI. Construction activities would occur within the setting of the farm building, including moving plant, lighting and noise, and a temporary topsoil laydown storage area.	Minor Adverse	Slight Adverse
06-0198	Wheatsheaf Inn	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The setting of the resource comprises of the other buildings and the surrounding agricultural landscape, both contributing to the historic interest of the resource. Its close association with the A66 also contributes to its historic interest.	Low	Farm buildings within the ZVI. Construction activities would occur within the setting of the farm building, including moving plant, lighting and noise, and a temporary topsoil laydown storage area.	Minor Adverse	Slight Adverse
06-0210	Toddygill Hall (formerly)	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The setting of the resource comprises of the other buildings within the surrounding historic farm complex (including 06-0211) and the surrounding agricultural landscape, both contributing to the historic interest of the resource.	Low	Historic building within the ZVI. Construction activities would occur within the setting of the building, including moving plant, lighting and noise, and a temporary construction compound area.	Minor Adverse	Slight Adverse
06-0211	Eastfield Yet	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The setting of the resource comprises of the other buildings within the surrounding historic farm complex (including 06-0210) and the surrounding agricultural landscape, both contributing to the historic interest of the resource.	Low	Historic building within the ZVI. Construction activities would occur within the setting of the building, including moving plant, lighting and noise, and a temporary construction compound area.	Minor Adverse	Slight Adverse
06-0213	Broomrigg End	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity as well as possible palaeoenvironmental evidence due to the farmstead's proximity to the Lowgill Beck.	The setting of the resource comprises of the other buildings within the surrounding historic farm complex and the surrounding agricultural landscape, both contributing to the historic interest of the resource. The course of the Lowgill Beck to the immediate south-east of the resource contributes to its archaeological interest.	Low	Historic building within the ZVI. Construction activities would occur within the setting of the building, including moving plant, lighting and noise, and a temporary construction compound area.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interest and/or value	Setting contribution	Value	Impact	Magnitude	Effect
06-0215	Turk's Head	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The resource's setting comprises a semi-enclosed yard that separates the domestic property from the current route of the A66 immediately to the south and consists of open land to the north. Its location amidst agricultural fields contributes to its historic and archaeological interest and its close association with the A66 also contributes to its historic interest.	Low	Historic building within the ZVI. Construction activities would occur within the setting of the building, including moving plant, lighting and noise, and a temporary construction compound area.	Minor Adverse	Slight Adverse
06-0219	Mains House	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	This resource's setting is a largely rural and actively agricultural landscape, which contributes to its historic interest.	Low	Historic building within the Order Limits. Construction activities would occur within the setting of the building, including moving plant, lighting and noise, and a temporary construction compound area.	Minor Adverse	Slight Adverse
06-0004	Brough Castle And Brough (Verteris) Roman Fort And Civil Settlement	The Roman fort Verteris and associated civil settlement and the Medieval castle at Brough have architectural, archaeological and historic interest deriving from the surviving upstanding remains of Brough Castle and the buried archaeological remains at the site relating to the construction, use and abandonment of the Roman fort and the Medieval castle. The historic interest is also derived from the potential to increase understanding of past Roman occupation and settlement, Medieval reuse of Roman sites, militarised occupation along the Stainmore pass from the Roman to post-medieval periods and the Early medieval development and settlement at Church Brough and Market Brough. The site is on the Heritage at Risk register due to the extensive amount of natural erosion at the site.	The Roman fort and vicus and Medieval castle and surrounding earthworks at Brough are located on a raised hillside earthwork overlooking the Swindale Beck within a rural agricultural field setting with Church Brough on the eastern side and the A66 to the north of the Swindale Beck. The raised hillside earthwork setting makes a positive contribution to the environmental value of the resource. However, the entire monument (built heritage and archaeological remains) is entered onto the Heritage At Risk (HAR 1007148) register because of the extensive amount of natural erosion which is contributing to an overall declining trend in condition with significant localised problems.	High	The site is located partially within the ZVI. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise.	Negligible Adverse	Slight Adverse
06-0006	Eastfield Sike Medieval Moated Site, Associated Fishpond, And Medieval Woodland Boundary Banks And Ditches At Burtergill Wood And Kiln Hill	The Eastfield Sike medieval moated site has architectural, archaeological and historic interest deriving from the surviving earthworks and buried archaeological remains relating to the construction, use and abandonment of the moated site. The moat and fishpond are good examples of these classes of monument and the moated platform contains buried remains of the medieval structures which occupied it. Additionally, the monument is a rare	The Eastfield Sike medieval moated site, an associated fishpond and adjacent medieval woodbanks and ditches is located within the Warcop military training grounds at Burtergill Wood and Kiln Hill, at the fringe of open moorland which gradually rises northwards and overlooking the River Eden valley and the A66 to the south.	High	The moated site is located partially within the ZVI. Construction activities would occur within the vicinity of the resource, including moving plant, lighting and noise. However, the distance of the resource from the Project would reduce any impacts.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interest and/or value	Setting contribution	Value	Impact	Magnitude	Effect
		survival in Cumbria of the juxtaposition of a moated site and medieval wood bank which contributes to the historic interest of the site.					
06-0010	Helbeck Hall With Retaining Wall To Rear	Helbeck Hall has architectural and historic interest for its 1776 construction and use and as an example of late eighteenth century hall architectural tradition.	Helbeck Hall is located within a landscape garden setting on a hillside surrounded by woodland to the north, east and west and with views overlooking the River Eden valley and the A66 to the south.	High	Located within the ZVI. Construction activities would occur within the southward views of the resource, including moving plant, lighting and noise. However, the distance would minimise the associated adverse impacts.	Negligible Adverse	Slight Adverse
06-0016	Walls, Gates And Gate Piers At Entrance To Warcop Hall	The walls, gates and gate piers at the entrance to Warcop Hall have architectural and historic interest deriving from their eighteenth century construction and use and their association with Warcop Hall.	The walls, gates and gate piers are located at the roadside entrance of Warcop Hall within Warcop Hall. The village setting makes a positive contribution to the environmental value of the resource.	High	Located at the edge of the ZVI. Construction activities would occur within the vicinity of the walls and gate piers, including moving plant, lighting and noise. However, the distance from the project and the village location will reduce the impacts.	Negligible Adverse	Slight Adverse
06-0017	Bridge End House	The resource holds architectural and historic interest as an example the local 18th/19th century architectural vernacular.	The setting of the resource is the historic core of the village of Warcop.	High	Located at the edge of ZVI. Construction activities may be perceptible through the dense screening which surrounds the resource.	Negligible Adverse	Slight Adverse
06-0029	Eden Gate	The resource holds architectural and historic interest as an example the local 18th/19th century architectural vernacular.	The setting of the resource is its clearly defined gardens and surrounding grounds.	High	The house is located at the edge of the ZVI. Construction activities may be perceptible from the resource, including moving plant, lighting and noise. However, the distance from the project, and the house's location on the edge of the far side of the village will minimise the impacts.	Negligible Adverse	Slight Adverse
06-0030	Shorgill House	The resource holds architectural and historic interest as an example the local 19th century architectural vernacular.	The setting of the resource is the historic core of the village of Warcop.	High	The house is located at the edge of the ZVI. Construction activities may be perceptible from the resource, including moving plant, lighting and noise. However, the distance from the project, and the house's location on the edge of the far side of the village will minimise the impacts.	Negligible Adverse	Slight Adverse
06-0031	Walls, Gate, And End Piers To North Of Warcop Tower	The resource holds architectural and historic interest as an example the local 18th architectural vernacular.	The setting of the resource is the historic core of the village of Warcop.	High	The resource is located at the edge of the ZVI. Construction activities may be perceptible from the resource, including moving plant, lighting and noise. However, the distance from the project, and the house's location on the edge of the far side of the village will minimise the impacts.	Negligible Adverse	Slight Adverse
06-0032	Warcop Tower And Farmhouse	The resource holds architectural and historic interest as an example the local 18th architectural vernacular.	The setting of the resource is the historic core of the village of Warcop.	High	The house is located at the edge of the ZVI. Construction activities may be perceptible from the resource, including moving plant, lighting and noise. However, the distance from the project, and the house's location on the edge of the far side of the village will minimise the impacts.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interest and/or value	Setting contribution	Value	Impact	Magnitude	Effect
06-0033	Forecourt Walls And Gate To Shorgill House	The resource holds architectural and historic interest as an example the local 19th century architectural vernacular.	The setting of the resource is the historic core of the village of Warcop.	High	The house is located at the edge of the ZVI. Construction activities may be perceptible from the resource, including moving plant, lighting and noise. However, the distance from the project, and the house's location on the edge of the far side of the village will minimise the impacts.	Negligible Adverse	Slight Adverse
06-0034	Croft House	The resource holds architectural and historic interest as an example the local 19th century architectural vernacular.	The setting of the resource is the historic core of the village of Warcop.	High	The building is located at the edge of the ZVI. Construction activities may be perceptible from the resource, including moving plant, lighting and noise. However, the distance from the project, and the house's location on the edge of the far side of the village will minimise the impacts.	Negligible Adverse	Slight Adverse
06-0035	Ramp Barn And Byres To North-West Of Warcop Tower Farmhouse	The resource holds architectural and historic interest as an example the local 18th century architectural vernacular.	The setting of the resource is the historic core of the village of Warcop.	High	The house is located at the edge of the ZVI. Construction activities may be perceptible from the resource, including moving plant, lighting and noise. However, the distance from the project, and the house's location on the edge of the far side of the village will minimise the impacts.	Negligible Adverse	Slight Adverse
06-0036	Threshing Barn To North-East Of Warcop Tower Farmhouse	The resource holds architectural and historic interest as an example the local 18th century agricultural vernacular.	The setting of the resource is the historic core of the village of Warcop.	High	The house is located at the edge of the ZVI. Construction activities may be perceptible from the resource, including moving plant, lighting and noise. However, the distance from the project, and the house's location on the edge of the far side of the village will minimise the impacts.	Negligible Adverse	Slight Adverse
06-0037	School	The resource holds architectural and historic interest as an example the local 19th century architectural vernacular.	The setting of the resource is the historic core of the village of Warcop.	High	The school is located at the edge of the ZVI. Construction activities may be perceptible from the resource, including moving plant, lighting and noise. However, the distance from the project, and the house's location on the edge of the far side of the village will minimise the impacts.	Negligible Adverse	Slight Adverse
06-0102	Church Brough Conservation Area	Church Brough Conservation Area has architectural, archaeological and historic interest deriving from its association with the eleventh century Brough Castle, its role as a historic planned village, the arrangement of its buildings around a market square and maypole, and the significant archaeological and historic resources it contains, such as the Parish Church of St Michael's, the nearby Brough Castle and the remains of the Roman fort and vicus at Brough.	Church Brough Conservation Area is located in close proximity to Brough Castle and the remains of the Roman fort and vicus at Brough, with Swindale Beck and Augill Beck bordering the village on the north with the A66 located beyond. The village setting and historic association with Brough Castle, the Roman fort and vicus at Brough and the former route of the Roman Road make a positive contribution to the environmental value of the resource.	Medium	A small part of the Conservation Area is located within the ZVI. Construction activities would occur within the setting of the Conservation Area, including moving plant, lighting and noise. However, the distance from the project and existent roads in the vicinity will reduce the impact.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interest and/or value	Setting contribution	Value	Impact	Magnitude	Effect
06-0075	Lowgill Thunder Stone, Musgrave	The Lowgill Thunder Stone has architectural, archaeological and historic interest deriving from its placement and use.	The Lowgill Thunder Stone lies beside Lowgill Beck in agricultural fields north-east of Langrigg. Its riverside setting makes a positive contribution to the environmental value of the resource.	Low	The monument is situated within the ZVI. Construction activities would occur within the setting of the monument, including moving plant, lighting and noise and the creation and use of a temporary construction compound storage area. However, the distance of the resource from the scheme will reduce the impact.	Negligible Adverse	Neutral
06-0100	North Eden Railway / North Eastern Railway, Darlington Section, Eden Valley Branch	The resource holds architectural and historic interest as an example of mid 19th century transport infrastructure.	The current setting of the resource does not contribute to its value. It is not visible within the landscape.	Low	Construction activities would occur within the setting of the railway line, including moving plant, lighting and noise. However, they will not alter the contribution of the setting to the resources value.	Negligible Adverse	Neutral
06-0134	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting comprises of the surrounding agricultural landscape. This contributes to its historic interest.	Low	Buried archaeological remains located mainly beyond the Order Limits, with a small portion of the northern edge of the feature within the Order Limits. There would be no temporary construction impact.	Negligible Adverse	Neutral
06-0195	Eden Vale	The resource holds architectural and historic interest as a surviving example of the local historic architectural vernacular of domestic and agricultural buildings.	The resource's setting is the complex and land parcel which surrounds the structure and the wider agricultural landscape, both of which contribute to its historic value.	Low	Historic farm building within the ZVI. Construction activities would occur within the setting of the building, including moving plant, lighting and noise, and a temporary construction compound area.	Negligible Adverse	Neutral
06-0199	Agricultural Building (use unknown)	This resource has archaeological and historic interest as it contains evidence relating to past agricultural activity.	This resource is surrounded by arable fields, which contributes to its historic interest.	Low	Former farm building within the ZVI. Construction activities would occur within the setting of the farm building, including moving plant, lighting and noise, and a temporary topsoil laydown storage area.	Negligible Adverse	Neutral
06-0200	Street House	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The setting of the resource comprises of the other buildings and the surrounding agricultural landscape, both contributing to the historic interest of the resource. Its close association with the A66 also contributes to its historic interest.	Low	Historic building within the ZVI. Construction activities would occur within the setting of the building, including moving plant, lighting and noise, and a temporary construction compound area.	Negligible Adverse	Neutral
06-0205	Agricultural Building, Row End	This resource has archaeological and historic interest as it contains evidence relating to past agricultural activity.	This resource is surrounded by arable fields, which contributes to its historic interest.	Low	Farm building within the ZVI. Construction activities would occur within the setting of the farm building, including moving plant, lighting and noise, and a temporary construction compound storage area.	Negligible Adverse	Neutral

Bowes Bypass

8.10.3.8 A total of 41 heritage resources located within the study area and ZVI of this scheme would receive a temporary construction effect. Of these, three would be significant.

Table 6: Bowes Bypass temporary construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0015	Stone Bridge Farmhouse	The resource holds architectural and historic interest as a surviving example of a 19th century farm complex.	The farmhouse group is located immediately south of the former course of the Street, but which is now partially screened from view of the Bowes Bypass, which is further north, by a band of trees. The immediate setting of the resource is formed by the other buildings within the farm complex (including 07-0016 and 07-0032), whilst views across the surrounding farmland to the south, east and west of the group and this agricultural setting make a positive contribution to the value of the historic interest of the group due to the historic link between farm and farmland.	High	The Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass will be constructed immediately north of the Stone Bridge Farmhouse group (which also includes 07-0016 and 07-0032). Construction activities will occur within the setting of the resource, including moving plant, lighting and noise, with three temporary construction areas allotted to the immediate northwest of the resource.	Moderate Adverse	Moderate Adverse
07-0016	Loose boxes, 5 metres east of Stone Bridge farmhouse	The resource holds architectural and historic interest as surviving example of a 19th century agricultural infrastructure.	The farmhouse group is located immediately south of the former course of the Street, but which is now partially screened from view of the Bowes Bypass, which is further north, by a band of trees. The immediate setting of the resource is formed by the other buildings within the farm complex (including 07-0015 and 07-0032), whilst views across the surrounding farmland to the south, east and west of the group and this agricultural setting make a positive contribution to the value of the historic interest of the group due to the historic link between farm and farmland.	High	The Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass will be constructed immediately north of the Stone Bridge Farmhouse group (which also includes 07-0015 and 07-0032). Construction activities would occur within the setting of the resource, including moving plant, lighting and noise, with three temporary construction areas allotted to the immediate northwest of the resource.	Moderate Adverse	Moderate Adverse
07-0032	Linked farm buildings and gin-gang, attached to south of Stone Bridge farmhouse	The resource holds architectural and historic interest as surviving example of a 19th century farm complex.	The farmhouse group is located immediately south of the former course of the Street, but which is now partially screened from view of the Bowes Bypass, which is further north, by a band of trees. The immediate setting of the resource is formed by the other buildings within the farm complex (including 07-0015 and 07-0016), whilst views across the surrounding farmland to the south, east and west of the group and this agricultural setting make a positive contribution to the value of the historic interest of the group due to the historic link between farm and farmland.	High	The Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass will be constructed immediately north of the Stone Bridge Farmhouse group (which also includes 07-0015 and 07-0016). Construction activities will occur within the setting of the resource, including moving plant, lighting and noise, with three temporary construction areas allotted to the immediate northwest of the resource.	Moderate Adverse	Moderate Adverse
07-0031	Milestone, 650 metres west of Ivy Hall	The resource holds architectural and historic interest as a surviving example of local transport infrastructure during the 19th century.	The relationship between the resource and the A66 corridor contributes to its historic interest.	High	Milestone located on A66, c150m west of the edge of the Order Limit. Construction activities would occur within the setting of the resource, including moving plant, lighting and noise, but will not alter the contribution made by the resource's setting to its value which is directly linked to its roadside location and function.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0033	Bowes Conservation Area	The resource has architectural, archaeological and historic interest derived from its origins as a medieval village, preserving the local, post-medieval architectural vernacular and earlier alignment of the settlement which hugs the historic route of The Street.	The conservation area of Bowes is focused along The Street, a road which follows the line of the original Roman road, which became an important routeway through the area until the 20th century when it was bypassed through a cutting north of the village. The village is located at the foot of the Pennines at the entrance to the Stainmore Pass and, with the River Greta running close to the village, it had an important strategic function from the medieval period. There are surviving traces of a medieval field system extending from Bowes across the landscape to the east. The setting of the village is, therefore, important to its historic interest and gives the conservation area a sense of place and time depth.	Medium	Views are relatively limited from much of the conservation area, with buildings screening the landscape external to the village. Construction activities will occur within the setting of the conservation area, including moving plant, lighting and noise, although this will only be visible from limited points within the conservation area and would largely occur within the existing road corridor.	Minor Adverse	Slight Adverse
07-0036	Round Barrow 'A', Bowes	The resource has archaeological interest as an archaeological feature within the landscape and historic interest derived from its spatial relationship with other surviving later prehistoric features within the surrounding area.	One of a group of four round barrows located to the south and west of the Order Limit. The barrow's setting comprises of agricultural land south-west of Bowes in an interesting topographic location. To the east the ground falls away steeply into a former quarry, while the ground rises perceptibly to the north and west, rising into the Pennines. It is likely that people have used the Stainmore Pass as a routeway throughout prehistory and it is possible that the barrows overlooked this routeway. Views from the barrows are, therefore, likely to be significant to how they are understood, contributing to their historic interest. Their setting makes a positive contribution to their value	Low	Construction activities will occur within the setting of the resource, including moving plant, lighting and noise and a balancing pond would be created on land immediately to the east. The relationship with the other barrows (07-0037-0039) will not be affected, but the setting beyond would be temporarily altered.	Minor Adverse	Slight Adverse
07-0037	Round Barrow 'B', Bowes	The resource has archaeological interest as an archaeological feature within the landscape and historic interest derived from its spatial relationship with other surviving later prehistoric features within the surrounding area.	One of a group of four round barrows located to the south and west of the Order Limit. The barrow's setting comprises of agricultural land south-west of Bowes in an interesting topographic location. To the east the ground falls away steeply into a former quarry, while the ground rises perceptibly to the north and west, rising into the Pennines. It is likely that people have used the Stainmore Pass as a routeway throughout prehistory and it is possible that the barrows overlooked this routeway. Views from the barrows are, therefore, likely to be significant to how they are understood, contributing to their historic interest. Their setting makes a positive contribution to their value	Low	Construction activities would occur within the setting of the resource, including moving plant, lighting and noise and a balancing pond would be created on land immediately to the east. The relationship with the other barrows (07-0036, -0038, -0039) would not be affected, but the setting beyond would be temporarily altered.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0038	Round Barrow 'C', Bowes	The resource has archaeological interest as an archaeological feature within the landscape and historic interest derived from its spatial relationship with other surviving later prehistoric features within the surrounding area.	One of a group of four round barrows located to the south and west of the Order Limit. The barrow's setting comprises of agricultural land south-west of Bowes in an interesting topographic location. To the east the ground falls away steeply into a former quarry, while the ground rises perceptibly to the north and west, rising into the Pennines. It is likely that people have used the Stainmore Pass as a routeway throughout prehistory and it is possible that the barrows overlooked this routeway. Views from the barrows are, therefore, likely to be significant to how they are understood, contributing to their historic interest. Their setting makes a positive contribution to their value	Low	Construction activities will occur within the setting of the resource, including moving plant, lighting and noise and a balancing pond would be created on land immediately to the east. The relationship with the other barrows (07-0036, -0037, -0039) will not be affected, but the setting beyond would be temporarily altered.	Minor Adverse	Slight Adverse
07-0039	Round Barrow 'D', Bowes	The resource has archaeological interest as an archaeological feature within the landscape and historic interest derived from its spatial relationship with other surviving later prehistoric features within the surrounding area.	One of a group of four round barrows located to the south and west of the Order Limit. The barrow's setting comprises of agricultural land south-west of Bowes in an interesting topographic location. To the east the ground falls away steeply into a former quarry, while the ground rises perceptibly to the north and west, rising into the Pennines. It is likely that people have used the Stainmore Pass as a routeway throughout prehistory and it is possible that the barrows overlooked this routeway. Views from the barrows are, therefore, likely to be significant to how they are understood, contributing to their historic interest. Their setting makes a positive contribution to their value	Low	Construction activities will occur within the setting of the resource, including moving plant, lighting and noise and a balancing pond would be created on land immediately to the east. The relationship with the other barrows (07-0036-0038) will not be affected, but the setting beyond would be temporarily altered.	Minor Adverse	Slight Adverse
07-0063	Sike Bridge, Bowes	The resource holds architectural and historic interest as an example of 19th century transport infrastructure.	The resource's setting is formed by the village of Bowes which contributes to its historic interest.	Negligible	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Minor Adverse	Slight Adverse (Neutral)
07-0115	Ivy Hall	The resource holds historic and architectural interest as an example of a historic structure.	The resource's setting is formed by its curtilage and garden, as well as the wider village of Bowes, which contribute to its architectural and historic interest.	Low	Construction work to excavate a balancing pond to the west and work within the existing A66 corridor may visible and there are likely to be temporary perceptible noise changes.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0002	Roman Fort (Lavatrae)	The Roman fort holds archaeological interest due to the presence of as yet unexplored archaeological remains within the resource. It also holds historical interest deriving both from its ability to enhance our understanding of life within the historic settlement and as a surviving part of an interconnected Roman landscape	The Roman fort is located on the southern side of the village of Bowes and was located between the River Greta and the Roman road crossing the Stainmore Pass to the west. There was also a Roman road running perpendicularly to this, giving the fort an important position at the intersection. The setting of the fort is still appreciable today - the modern road through Bowes, the Street, follows the line of the Roman road, while the A67 may follow the northern-bound road in part. The topographic context of the fort is still readily apparent, with its position at the point where the landscape begins to narrow and rise towards the pass to the west. While the setting of the fort, therefore, makes an important contribution to its historic interest, views towards the modern A66 corridor, which bypasses Bowes to the north of the fort, are limited by the buildings in between.	High	Construction is unlikely to be visible from the resource but there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0003	Romano- British settlement site to the east and south-east of East Mellwaters Farmhouse	The settlement holds archaeological interest due to the presence of as yet unexplored archaeological remains within the resource. It also holds historical interest deriving both from its ability to enhance our understanding of life within the historic settlement and as a surviving part of an interconnected Roman landscape	This settlement site is located close to the modern farm buildings at East Mellwaters and are in a shallow valley to the south of the Roman road through Stainmore Pass. It is the remains of a small farming settlement, perhaps similar to those that may have once spread across the more fertile land across the Greta and Tees valleys to the east, where later agriculture has removed the more obvious traces of historic settlement. The slight valley would have provided some shelter for the inhabitants and they would have been well connected to trade via the Roman road. The setting of the site contributes to its historic interest through demonstrating an evolution in land use and defensive focus and through the connections apparent between the settlement, Roman road and wider network of Romano-British sites in the area.	High	Construction activities will occur at the periphery of the setting of the resource, including moving plant, lighting and noise. However, while potentially visible, the works will take place within the existing road corridor and at a distance of 1.65km, resulting in only a negligible impact.	Negligible Adverse	Slight Adverse
07-0005	Bowes Castle	The surviving structural remains of Bowes Castle hold architectural interest as an example of medieval defensive and high status architecture. The long term occupation of the site means that it holds archaeological interest, pertaining to now buried remains within the resource's extent. The castle holds historic interest as an illustration of the country's social and cultural history, and artistic interest as the focus of numerous pieces of artwork.	Bowes Castle is one of a string of medieval defensive structures along what is now the A66, which comprises part of its setting. The road was an important routeway in the medieval period as well as running close to the border with Scotland. The castle guards the entrance, and probably more importantly, the exit from the Stainmore Pass, and was built to provide views over the landscape as well as be a visually dominant structure in the landscape. In this respect the setting of the castle adjacent to the A66 continues to contribute to its historic interest.	High	The Bowes Bypass has previously moved the main course of the A66 further north from the castle and there are limited views into the existing road corridor, which is mostly screened by the road's cutting and the buildings which stand between. Construction unlikely to be visible but there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0006	Base and cross shaft fragment in the garden of Cross House	The resource's value is derived from its architectural and historic interest as a rare surviving piece of medieval architecture.	The resource's setting is formed by the village of Bowes, which contributes to its historic value. The resource is likely to have been moved from its original location.	High	The resource's setting is formed by the village of Bowes and construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0007	Church of St Giles	The resource's value is derived from its architectural and historic interest as a rare surviving piece of medieval architecture, augmented across the post-medieval period. The potential for earlier phases/now removed elements to survive as archaeological remains beneath the structure give it archaeological interest. The resource also has additional historic interest as a longstanding focal point of community worship.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0008	Croft House attached extension and Sunny Croft	The resource holds architectural and historic interest as surviving examples of the local architectural vernacular during the late 18th century.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0009	Headstone to Thomas Hanby, 1 metre south of Church of St Giles	The resource holds architectural interest derived from its design and historic interest due to the information it memorialises.	The resource's setting is formed by the graveyard of St. Gile's Church and the wider village of Bowes, both of which contribute to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0010	Chest tomb to William Thompson, 8 metres west of Church of St Giles	The resource holds architectural interest derived from its design and historic interest due to the information it memorialises.	The resource's setting is formed by the graveyard of St. Gile's Church and the wider village of Bowes, both of which contribute to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0011	Table tomb to Henry Bincks, 4.5 metres west of Church of St Giles	The resource holds architectural interest derived from its design and historic interest due to the information it memorialises.	The resource's setting is formed by the graveyard of St. Gile's Church and the wider village of Bowes, both of which contribute to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0012	Headstone to William Shaw, 3 metres north of Church of St Giles	The resource holds architectural interest derived from its design and historic interest due to the information it memorialises.	The resource's setting is formed by the graveyard of St. Gile's Church and the wider village of Bowes, both of which contribute to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0013	Castle Terrace	The resource holds architectural and historic interest as surviving examples of the historic local architectural vernacular.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0014	Dotheboys Hall and former coach house	The resource holds architectural and historic interest as an example of an 18th century high status architecture, and additional historic associative interest through its association with Charles Dickens.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest..	High	Some construction work within the existing A66 corridor may be visible and there may be perceptible noise changes during the construction period. A compound/storage area is proposed to the northwest, representing a temporary change in the setting of the of the resource; this will not sever the legible connection between the resource and the village of Bowes and will result in any loss of value from the resource.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0018	Bowes Hall	The resource holds architectural and historic interest as an example of an 18th century high status architecture.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0019	Forecourt wall and gatepiers in front of The Grove	The resource holds architectural and historic interest as an example of an 18th century high status architecture.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes. Localised services works may be perceptible to the north-west of the resource.	Negligible Adverse	Slight Adverse
07-0020	Annuns farmhouse	The resource holds architectural and historic interest as a surviving example of a 19th century farmhouse	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes. Localised services works may be perceptible to the north-east of the resource.	Negligible Adverse	Slight Adverse
07-0021	West End Farm barn and attached range of byres, 20 metres north of Dotheboys Hall	The resource holds architectural and historic interest as a surviving example of a 19th century barn	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Some construction work within the existing A66 corridor may be visible to the north and there may be perceptible noise changes during the construction period. A compound/storage area is proposed to the northwest, representing a temporary change in the setting of the of the resource; this will not sever the legible connection between the resource and the village of Bowes and will result in any loss of value from the resource.	Negligible Adverse	Slight Adverse
07-0022	The Grove, The Street	The resource holds architectural and historic interest as a surviving example of the local architectural vernacular during the mid to late 18th century.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes. Localised services works may be perceptible to the north-west of the resource.	Negligible Adverse	Slight Adverse
07-0023	Prospect House and archway to right	The resource holds architectural and historic interest as surviving examples of the local architectural vernacular during the mid to late 18th century.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0024	1 and 2, The Street	The resource holds architectural and historic interest as surviving examples of the local architectural vernacular during the mid to late 18th century.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0026	Garden walls gatepiers and gates adjoining south front of Bowes Hall	The resource holds architectural and historic interest as surviving examples of the local architectural vernacular during the mid to late 18th century.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0027	The Ancient Unicorn hotel and attached rear wing (shown on ordnance survey map as Unicorn House)	The resource holds architectural and historic interest a surviving example of the local architectural vernacular, pertaining to the hospitality industry, during the mid to late 18th century.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0028	Cross House and Church View	The resource holds architectural and historic interest being surviving examples of the local architectural vernacular during the mid 19th century.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0029	Bowes and district working men's club	The resource holds architectural and historic interest as a surviving example of the local architectural vernacular during the mid to late 18th century.	The resource's setting is formed by the village of Bowes, which contributes to its historic interest.	High	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Slight Adverse
07-0034	East Cowhouse AKA New Cowhouses, Bowes Road, east of Bowes	The resource holds architectural and historic interest as surviving example of a 19th century farm building.	The setting of the resource is formed by the agricultural structures and land which surround it, and the existing road corridor of the A66. Both contribute to its historic value.	Low	Construction activities will occur within the setting of the resource. Construction would include moving plant, lighting and noise and a compound/storage area is proposed in c150m north of the resource. The building is a functional agricultural structure and its setting is not sensitive to changes resulting from construction activities.	Negligible Adverse	Slight Adverse
07-0057	Unicorn Cottage, Bowes	The resource holds architectural and historic interest as a surviving example of the local architectural vernacular.	The resource's setting is formed by the village of Bowes which contributes to its historic interest.	Low	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Neutral
07-0058	Buildings to north and east of the Ancient Unicorn courtyard, Bowes	The resource holds architectural and historic interest as surviving example of a historic building.	The resource's setting is formed by the village of Bowes which contributes to its historic interest.	Low	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Neutral
07-0061	South Durham and Lancashire Union Railway, Bowes to County Boundary, Teesdale	The resource holds architectural and historic interest as an example of mid 19th century railway architecture and transport infrastructure.	The setting of the former South Durham and Lancashire Union Railway primarily comprises of the village of Bowes, which contributes to its historic interest.	Low	The majority of the former railway is beneath the current road corridor and partially within the Order Limit. It is unlikely to experience perceptible changes to its setting (notably its proximity to the village of Bowes, which makes a contribution to its value), although construction activities will occur within the setting of the resource, including moving plant, lighting and noise.	Negligible Adverse	Neutral
07-0070	Post Medieval Field System, Bowes	The resource holds archaeological interest due to its potential to contain archaeological features and historic interest as it provides insight into historic farming methods.	The resource's setting is formed by the surrounding rural landscape which contributes to its historic interest.	Negligible	There may be perceptible noise changes and movement of plant within its setting during construction.	Negligible Adverse	Neutral

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0078	Former Wesleyan Chapel	The resource's value is derived from its architectural interest as an example of 19th century religious (reformist) architecture, The resource also has historic interest as a focal point of community worship.	The resource's setting is formed by the village of Bowes which contributes to its historic interest.	Low	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Neutral
07-0096	Bowes Hutchinson Church of England Primary School, Bowes, County Durham	The resource's value is derived from its architectural interest as an example of 19th century educational architecture, The resource also has historic interest as a focal point of community activity.	The resource's setting is formed by the village of Bowes which contributes to its historic interest.	Low	Construction work within the existing A66 corridor is unlikely to be visible, although there may be perceptible noise changes.	Negligible Adverse	Neutral

Cross Lanes to Rokeby

8.10.3.9 A total of 29 heritage resources located within the study area and ZVI of this scheme would receive a temporary construction effect. Of these, none would be significant.

Table 7: Cross Lanes to Rokeby temporary construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
08-0011	Rokeby Park and attached stables	Rokeby Park (country house) holds architectural interest as an example of a high status, bespoke development dating to the early to mid-eighteenth century. The architects involved included the owner, Sir Thomas Robinson and at least one redecoration by John Carr. The resource holds historic value as reflection of the lives of a small, elite group of the population during this era, with the house itself forming part of the wider Rokeby estate; a single-phase development combining numerous functional, historical and aesthetic inter-relationships between resources across its extent. The resource also has artistic value due to it having provided a subject for a wide range of artistic media including poetry, paintings and sketches.	The setting of Rokeby Park, a grand 18th century country house, is a large, designed landscape park, which was also laid out by the owner and designer of the house, Sir Thomas Robinson. The parkland combines numerous functional, historical and aesthetic relationships and makes a significant contribution to the house's value through its historic and architectural interest. There are views across the parkland from the house, which are important, but at equally so are the views towards the house from the road, particularly from the gate and railed screen to the south-west of the house. The house has a grand, symmetrical facade, and was designed to be viewed in its best light, facing south, to those passing on the road or approaching on the sweeping coach drives.	High	Part of the building is within the ZVI, the western range and the central part of the central block, although views towards the A66 are partially screened by woodland. Construction activities would occur within the setting of the resource, including moving plant, lighting and, possibly, noise. As this would be temporary, at least partially screened and taking place mostly within the existing road corridor, this would have no more than a minor adverse impact.	Minor Adverse	Slight Adverse
08-0012	Church of St Mary	The Church was probably designed by Sir Thomas Robinson and as such has historic value relating to its relationship to the wider Rokeby Estate, as well as historic value derived from its position as a place of worship and focal point for the local community and within the local landscape. It holds architectural value both through its association with Robinson and its function as a place of workshop constructed in the later 18th century.	The church was built by Sir Thomas Robinson, who was the owner and builder of Rokeby Park (08-0011), creating a nonphysical association between these resources. The church is set apart from the main area of Rokeby's landscaped park but is connected by a narrow band of trees north of the A66. From the churchyard there are sweeping views over the fields around the church, but the building faces directly onto the road to the south. Despite the lack of obvious designed views between the park and the church, they are connected in the landscape through the routeway	High	Construction activities would occur within the setting of the church, both on existing road corridor immediately south and for the construction of the new offline section of road beyond. This would include moving plant, lighting and noise. Construction activity would be visible and audible from the church and would feature heavily in views towards it when viewed from the road. However, this impact would be temporary, resulting in a minor adverse magnitude of impact.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			between them, and cognitively, through the connections of ownership, design and patronage. A key part of this, is the way in which the church stands, symbolically, at the edge of the estate as it is approached by travellers from the west. The church stands on higher ground, making it particularly visible. Unusually, it faces directly south, referencing the arrangement of classical temples with roads which Robinson drew design inspiration from. The church symbolises a transition between the rural, and perhaps uncivilised, land to the west, with the classical idyll Robinson was attempting to create within Rokeby. The setting is, therefore, very significant to the church's value, mostly through shared historic interest with the wider Rokeby Estate. This is not linked to views from the house, but rather the experience of the landscape by those moving through it.				
08-0027	Piers and railings 500 metres south-west of Rokeby Park	The resource derives historic and architectural interest from its association with the wider Rokeby estate and as an example of bespoke 18th century gate piers and railings.	The setting of the gate piers and railings is formed by their immediate surroundings as the intersection between Rokeby Park and the A66, which would have been an important road when the parkland was laid out, although it originally through Greta Bridge rather than the new bypass to the east of the piers.	High	Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. The railed screen allowed views into the parkland towards the principal building and the relationship between the gate piers and the house is an important part of their setting. As such, while construction activity would be clearly visible and audible, the setting of the resource would not be greatly altered, although views through the railed screen would be temporarily limited.	Minor Adverse	Slight Adverse
08-0028	Cross Lanes Farmhouse with adjacent outbuildings on west	The resource derives historic and architectural interest as an example of an 18th and 19th century farm complex.	The farmhouse's setting has always included the road (A66) and it faces directly onto it. It's current setting also includes the triangle of pasture to the north and west of the building, and the landscape of agricultural land to the north and south.	High	Cross Lanes Farmhouse is immediately next to a compound/storage area to the west and a haul road to the east. It is approximately 145m east of the Cross Lanes Junction Overbridge. Construction activities would occur in immediate proximity to the farmhouse. It can therefore be assumed that visual changes within the existing road corridor, provided it remains a road, would not adversely impact the value of the farmhouse. However, the building's setting also includes the triangle of pasture to the north and west of the building, which would be used as a compound, and the landscape of agricultural land to the north and south, views of which would be interrupted by construction activity. These effects would be temporary.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
08-0039	Tutta Beck cottages	The resource derives historic and architectural interest as an example of 18th century local domestic architecture.	The setting of the cottages is agricultural, consisting of the surrounding fields and the woodland along the Tutta Beck watercourse to the east and west.	High	Construction activities would occur within the setting of the cottages, including moving plant, lighting and noise. This would include visible construction along the A66 corridor, approximately 250m north of the listed building and work in the immediate vicinity of the cottage for the construction of a new access from the proposed Rokeby Junction underbridge to the north-east. The intrusion of plant and construction activity would, temporarily, alter the character of the cottage's setting.	Minor Adverse	Slight Adverse
08-0040	Rokeby Grove	The resource derives historic and architectural interest from its association with the nearby Rokeby estate and as an example of the local architectural vernacular during the 19th century.	Rokeby Grove's setting has historically included the road, which was present when it was built and is part of a small group of listed structures including a sundial to the south (08-0038) and a stable to the west (08-0015). The setting of Rokeby Grove also includes the village of Greta Bridge to the south-east and the parkland of Rokeby Park to the north-east, as well as the agricultural land to the west. Its setting positively contributes to its value.	High	Construction activities would occur within the setting of Rokeby Grove including moving plant, lighting and noise. Rokeby Grove is a 19th century house, located a short distance to the south of the Order Limits and construction activity would be in close proximity. Rokeby Grove's setting makes a positive contribution to its value, something which would be impacted by the increased movement, lighting and noise in proximity to it during construction, although this would be temporary.	Minor Adverse	Slight Adverse
08-0047	Dent House Farmhouse with adjacent outbuilding on the west	The resource derives historic and architectural interest as an example of 18th/19th century local domestic architecture.	The farmhouse's setting is comprised by an area of enclosed, regularly shaped, fields with the A66 running approximately 300m to the north of the resource, being visible from the property.	High	Construction activities would occur within the setting of the resource, including moving plant and lighting. Construction works would be visible in views towards the road, all across the area of fields to the north of the farmhouse. This would be a temporary and a minor adverse magnitude of impact.	Minor Adverse	Slight Adverse
08-0048	Rokeby Park	Rokeby Park holds architectural interest as an example of a high status, bespoke designed landscape development stretching across dating to the early to mid-eighteenth century. It was designed, at least in part, by Sir Thomas Robinson. The resource holds historic value as reflection of the lives of a small, elite group of the population during this era as well as documenting fashionable landscape design trends of the period. The wider Rokeby estate represents a single phase development combining numerous functional, historical and aesthetic inter-relationships between resources across its extent. The resource also has artistic value due to it having provided a subject for a wide	The parkland, which dates from the 18th and 19th century and was largely designed by the owner and occupier of Rokeby Park house (08-0011) is located within the angle formed by the meeting of the River Greta and the River Tees and the rivers have carved a dramatic landscape which have been highly valued for their picturesque qualities. Beyond the pleasure gardens is parkland of open pasture and woodland, set within a wider agricultural landscape. The southern boundary of the park was originally formed by the Street, the historic course of the Roman road which has been in continuous use as a road into the modern period. However, the A66 bypass of Greta Bridge now cuts across the southern part of the parkland, severing an area of the designated park from the main area north of the road.	High	Construction activities would occur within the setting of the resource, including moving plant, lighting and noise which would be visible from multiple points within the registered park and garden. Construction activity within the wider setting of the parkland would be visible from a number of points within the parkland, but these are limited to a small number of sightlines from within the park and the area along its boundary with the A66 corridor. This would temporarily alter the character of the setting, which is of the rural estate landscape, increasing its busyness and intruding into the quiet rural character. The impact would be somewhat limited by the fact that, from the majority of the parkland, the works would be	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		range of artistic media including poetry, paintings and sketches.			occurring within views of the existing road corridor.		
08-0049	Greta Bridge Conservation Area	The resource has architectural, archaeological and historic interest derived from its origins as a medieval village, preserving the local, post-medieval architectural vernacular and earlier alignment of the settlement which hugs the historic route of The Street.	The conservation area of Greta Bridge is focused along The Street. It is located to the south of Rokeby Park and to the south-west of the current route of the A66. It is surrounded by open agricultural fields which contribute positively to its value.	High	Several parts of Greta Bridge Conservation Area are within the ZVI, although the majority of views towards the scheme would be screened by existing woodland and bands of trees, particularly along Brignall Lane. The main area with visibility of the Project is the southern part of the conservation area, which is formed of a field containing the Roman fort (08-0002). Construction activity, including moving plant and lighting, would be visible from some areas of the conservation area, impacting the rural sense of place within the village.	Minor Adverse	Slight Adverse
08-0051	Ewebank Farm, Rokeby	The resource derives historic and architectural interest as an example of a historic farm complex.	Ewebank Farm is a non-designated post-medieval farmhouse within a setting of fields south of the existing corridor of the A66. This landscape contributes positively to its value.	Low	Construction activities would occur within the setting of the resource, including moving plant and lighting. Ewebank Farm is a non-designated post-medieval farmhouse within a setting of fields south of the existing corridor of the A66. The intrusion of plant and construction within sight of the resource would, temporarily, alter the character of the cottage's setting, but would not significantly alter the agricultural landscape.	Minor Adverse	Slight Adverse
08-0053	Rokeby Rectory	The resource derives historic and architectural interest as an example of 18th/19th century local domestic architecture, as well as historic interest derived from its association with the Church of St. Mary (08-0012) and the wider Rokeby Estate.	The Rectory is a non-designated post-medieval building which was associated with the Church of St Mary, which stands to the north of it on the other side of the A66 (08-0012). The Rectory is partially screened from the road and the church beyond by a row of trees.	Medium	Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. While the building is excluded from the Order Limits, it is entirely encircled and there would be construction in all directions. Construction activities would alter the setting of the rectory, transforming its character to the south and east, but would not alter the relationship between the rectory and the church or Rokeby Park.	Minor Adverse	Slight Adverse
08-0113	Rokeby School	The resource derives historic and architectural interest as an example of 19th century educational infrastructure, with additional historic value derived from its spatial and nominal association with the Rokeby Estate.	The setting of the resource has always comprised of the A66, to the immediate south, with the Rokeby Estate and open agricultural fields to the north. These elements contribute positively to its value.	Low	Construction activities would occur within the setting of the resource, both on existing road corridor immediately south and for the construction of the new offline section of road beyond. This would include moving plant, lighting and noise. Construction activity would be visible and audible and would feature heavily in views towards it when viewed from the road. However, this impact would be temporary, resulting in a minor adverse magnitude of impact.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
08-0115	Rokeby Grange	The resource derives historic and architectural interest as an example of a historic farm complex.	The setting of the resource comprises the other buildings within the farm complex and the agricultural land which surrounds it.	Low	Construction activities would occur within the setting of the resource, both on existing road corridor immediately south and for the construction of the new offline section of road beyond. This would include moving plant, lighting and noise.	Minor Adverse	Slight Adverse
08-0117	Street Side	The resource derives historic and architectural interest as an example of a historic building.	The setting of the resource comprises the other structures within the farm complex which surround the structure, the wider agricultural landscape to the north and the road to the south - which predates the resource.	Low	Construction activities would occur within the setting of the resource within the existing road corridor immediately south of the building. This would include moving plant, lighting and noise.	Minor Adverse	Slight Adverse
08-0119	Tutta Bridge	The resource holds historic and architectural interest as an example of a historic river crossing.	The setting of the resource is the Tutta Beck and the village of Greta Bridge. These contribute to its historic interest.	Low	Construction activities would occur within the setting of the resource within the existing road corridor immediately north of the resource. This would include moving plant, lighting and noise.	Minor Adverse	Slight Adverse
08-0120	Unnamed buildings south of Tutta Bridge	The resource derives historic and architectural interest as an example of a historic building.	The setting of the resource is the village of Greta Bridge. This contributes to its historic interest.	Low	Construction activities would occur within the setting of the resource within the existing road corridor immediately north of the resource. This would include moving plant, lighting and noise.	Minor Adverse	Slight Adverse
08-0121	Punder Gill (now Poundergill)	The resource derives historic and architectural interest as an example of a historic building.	The setting of the resource comprises the other buildings within the complex which surround the structure.	Low	Construction activities would occur within the setting of the resource within the existing road corridor immediately north of the resource. This would include moving plant, lighting and noise.	Minor Adverse	Slight Adverse
08-0015	Stable to west of Rokeby Grove	The stable derives historic and architectural interest from its association with the wider Rokeby estate and as an example of a mid eighteenth century equestrian structure.	The stable's setting has historically included the road, which was present when it was built, and Rokeby Grove, the house which it is ancillary to. It is part of a group of listed buildings/structures including Rokeby Grove (08-0040) and the sundial to the south of Rokeby Grove (08-0038). These aspects of its setting contribute to its historic and architectural interest.	High	Construction activities would occur within the setting of the building including moving plant, lighting and noise. The stables building is located immediately south of the Order Limits and construction activity would be in close proximity. The stable's setting within this group makes a significant contribution to its value. This relationship would not be impacted by the project, meaning that the works would have a negligible impact.	Negligible Adverse	Slight Adverse
08-0021	Garden house, outbuildings, and walls, to south-west of Rokeby Park	The resource derives historic and architectural interest from its association with the wider Rokeby estate and as an example of a mid-eighteenth century designed garden and associated structures.	The setting of the building is strongly linked to its location within Rokeby Park, as it is an ancillary building to the country house. It is part of a small group of buildings within Rokeby Park (08-0048) which are ancillary to, but screened from, the country house (08-0011). The group includes the stable yard cottage (08-0033), stable block (08-0045) and farm buildings (08-0035) and contribute to the historic and architectural interest of the resource. There are views towards the road	High	Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. The presence of increased movement and other construction-linked changes to the setting are unlikely to have a significant impact on the value of the building as its main setting relationships, with Rokeby Park and with its smaller group of ancillary buildings, will be unaffected and the works will take place mostly within the existing road corridor.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			corridor, although these are partially screened by woodland.				
08-0024	Castle Farmhouse	The resource holds architectural and historic interest as a surviving example of an 18th century farm complex.	Castle Farm is part of an isolated group of farm buildings, north of the existing corridor of the A66. It is part of a group with a barn (08-0026) and the relationship between the two buildings contributes to its value. The farmhouse's wider setting is formed by the landscape of enclosed fields which surround it on all sides, contributing to its value through the historic association of farmland and farmhouse.	High	While the Scheme would be theoretically visible from the farmhouse, this is likely to only be from the upper floors as the current road corridor is obscured by the topography. Some lighting and noise from construction may be visible. The project would include the substantial redevelopment of the junction between the A66 and the B6277 (Moorhouse Lane) but would be largely out of sight and would not significantly alter the agricultural landscape or its group association with the barn which form the setting of the listed building.	Negligible Adverse	Slight Adverse
08-0025	Barn and attached wheelhouse to west of Birk Hall Farmhouse	The resource holds architectural and historic interest as a surviving example of an 18th century farm complex.	The buildings at Birk Hall Farm have a setting of fields and bands of woodland plantation, which contribute to the value of the resource through the historic association between the farm and the agricultural land around it.	High	Construction activities would occur within the setting of the resource, including moving plant and lighting. The A66 lies approximately 780m north of the farm, screened partially by plantations. The intrusion of visible construction activity would have a limited adverse impact, as they would largely occur within the existing road corridor and at some distance from the resource.	Negligible Adverse	Slight Adverse
08-0026	Barn 40 metres east of Castle Farmhouse	The resource holds architectural and historic interest as a surviving part of an 18th century farm complex.	The barn's setting is formed by the landscape of enclosed fields which surround it on all sides, contributing to its value through the historic association of farmland and farm buildings. It is part of a group with Castle Farmhouse (08-0024) and the relationship between the two buildings contributes to its value.	High	While the Project would be theoretically visible from the barn, this is likely to be limited as views of the current road corridor are obscured by the topography. Some lighting and noise from construction may be visible. The project would include the substantial redevelopment of the junction between the A66 and the B6277 (Moorhouse Lane), but would be largely out of sight and would not significantly alter the agricultural landscape or its group association with the farmhouse which form the setting of the listed building.	Negligible Adverse	Slight Adverse
08-0029	Gable End Rokeby House the Cottage	The resource derives historic and architectural interest from its nominal association with the nearby Rokeby estate and as an example of eighteenth/nineteenth century local architecture.	The setting of the building is formed by the settlement of Greta Bridge which contributes to its historic value.	High	Construction activities would be theoretically visible from the resource, including moving plant, lighting and noise, although this would be at least partially screened by trees between the resource and the Order Limits.	Negligible Adverse	Slight Adverse
08-0033	Stable yard cottage, to south-west of Rokeby Park	The resource derives historic and architectural interest from its association with the nearby Rokeby estate and as an example of (likely) 18th century local architecture.	The setting of the building is strongly linked to its location within Rokeby Park, as it is an ancillary building to the country house. It is part of a small group of buildings within Rokeby Park (08-0048) which are ancillary to, but screened from, the country house (08-0011). The group includes the	High	Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. The presence of increased movement and other construction-linked changes to the setting would not have a significant impact on the value of the	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			garden house (08-0021), stable block (08-0045) and farm buildings (08-0035). There are views towards the road corridor, although these are partially screened by woodland.		building as its main setting relationships, with Rokeby Park and with its smaller group of ancillary buildings, will be unaffected and the works will take place mostly within the existing road corridor.		
08-0035	Farm building group to north of Garden House	The resource derives historic and architectural interest from its association with the nearby Rokeby estate and as an example of the local architectural vernacular for agricultural buildings during the 18th century.	The setting of the building is strongly linked to its location within Rokeby Park, as it is an ancillary building to the country house. It is part of a small group of buildings within Rokeby Park (08-0048) which are ancillary to, but screened from, the country house (08-0011). The group includes the garden house (08-0021), stable yard cottage (08-0033) and stable block (08-0045). There are views towards the road corridor, although these are partially screened by woodland.	High	Construction activities would occur within the setting of the resource, including moving plant, lighting and noise. The presence of increased movement and other construction-linked changes to the setting would not have a significant impact on the value of the building as its main setting relationships, with Rokeby Park and with its smaller group of ancillary buildings, will be unaffected and the works will take place mostly within the existing road corridor.	Negligible Adverse	Slight Adverse
08-0041	The Square	The resource derives historic and architectural interest as an example of a modified 18th century public house.	The setting of the building is formed by the settlement of Greta Bridge which contributes to its historic interest.	High	The Square is partially within the ZVI, meaning that construction activities close to the village would be theoretically visible from the resource, including moving plant and lighting, although this would be at least partially screened by trees between the resource and the Order Limits.	Negligible Adverse	Slight Adverse
08-0078	Farm buildings at North Bitts Farm	The resource derives historic and architectural interest as an example of a historic farm complex.	The resource's setting is formed by its historic relationship to the North Bitts farm complex, which in turn has always been located to the north of The Street (now the A66 corridor) and contributes positively to its value.	Low	The resource is located to the north of the A66 corridor and may experience changes in views to the south and perceptible noise changes as a result of construction work within the road corridor and to the east.	Negligible Adverse	Slight Adverse
08-0099	Barnard Castle Conservation Area	The resource has architectural, archaeological and historic interest derived from its potential to contain archaeological material relating to the origins of the settlement as an early medieval village and the surviving local, post-medieval architectural vernacular.	The setting of the resource comprises the historic field systems to the south and west of the settlement, the river Tees and the modern extent of Barnard Castle to the north-east. The historic field systems contribute to the value of the resource.	High	Several parts of Barnard Castle Conservation Area are within the ZVI, although the majority of views towards the scheme would be screened by topographical variation and existing woodland and bands of trees. The main area with visibility of the Project is the south-eastern part of the conservation area, which is formed of a field to the north of the River Tees. This area provides a buffer around the historic settlement and forms part of its setting. Construction activity, including moving plant and lighting, may be visible from some areas of the conservation area, however these would be at a distance of c.1.4 km.	Negligible Adverse	Slight Adverse
08-0045	Stable block 180 metres south-west of Rokeby Park	The resource derives historic and architectural interest as an example of the local rural architecture from the 18th century and from its historic association with the Rokeby Estate.	The setting of the building is strongly linked to its location within Rokeby Park, as it is an ancillary building to the country house which contributes to its value. It is part of a small group of buildings within Rokeby Park (08-0048) which are ancillary	High	Construction activities would occur to the south and west of the building, which is orientated to face east. within the setting of the resource, including moving plant, lighting and noise. The presence of increased	Negligible Adverse	Neutral (Slight Adverse)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			to, but screened from, the country house (08-0011). The group includes the garden house (08-0021), stable yard cottage (08-0033), and farm buildings (08-0035). While the road corridor is visible, views are partially screened by woodland.		movement and other construction-linked changes to the setting would not have a significant impact on the value of the building as its main setting relationships, with Rokeby Park and with its smaller group of ancillary buildings, will be unaffected and the works will take place mostly within the existing road corridor.		

Stephen Bank to Carkin Moor

8.10.3.10 A total of 20 heritage resources located within the study area and ZVI of this scheme would receive a temporary construction effect. Of these, none would be significant.

Table 8: Stephen Bank to Carkin Moor temporary construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
09-0126	Fox Well	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The setting of the resource is formed by the structures comprising the Fox Well complex, its grounds and the surrounding agricultural landscape, this contributes to its historic interest. There is also a historic connection between the resource and the route of the A66.	Low	There is a historic connection between the resource and the route of the A66. Although screened by mature vegetation, construction works will be visible to the north, east and west of the resource within the new offline section of the Scheme. There may be perceptible noise changes.	Moderate Adverse	Slight Adverse
09-0127	Fox Grove	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The setting of the resource is formed by the structures comprising the Fox Grove complex, its grounds and the surrounding agricultural landscape, this contributes to its historic interest. There is also a historic connection between the resource and the route of the A66.	Low	There is a historic connection between the resource and the route of the A66. Although screened by mature vegetation, construction works will be visible to the north, east and west of the resource within the new offline section of the Scheme. There may be perceptible noise changes.	Moderate Adverse	Slight Adverse
09-0132	Monks Rest Farm	The resource holds historic and architectural interest as examples of the historic local architectural vernacular.	The resource's immediate setting is the farm complex within which it is sited and the wider surrounding rural landscape.	Low	The resource is located within the Order Limit but will not be demolished as part of the Scheme. Construction activities, most notably relating to the new junction to the immediate south-west, will be visible and audible from the resource. Compound areas will be established to the south-west and south of the resource.	Moderate Adverse	Slight Adverse
09-0001	Roman Fort and Prehistoric enclosed settlement 400m west of Carkin Moor Farm	The resource holds archaeological interest due to the presence of as yet unknown archaeological remains within the fort and adjacent Prehistoric settlement. It also has historical interest deriving both from its ability to enhance our understanding of the lives of its inhabitants and as a surviving part of an interconnected Roman landscape across the extent of the Project.	The fort is located on a slight hill with panoramic views to the east, south and west. Views from and towards the north of the fort are screened by the plantation of woodland. The A66 runs through the centre of the fort, following the line of the Roman road. The fort's location on the road alongside its dominant topographic position and long views are legible parts of its setting which contribute to its historic and archaeological interest.	High	Construction activities would occur within the setting of the resource, including moving plant, lighting and noise, although these would largely be within the existing road corridor and of limited impact.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
09-0008	Ravenworth Lodge and attached outbuilding	The resource holds historic and architectural interest as an example of the local architectural vernacular of the 19th century.	Ravenworth Lodge has always had a roadside setting. It faces directly onto the A66 and is located within a clearly demarcated parcel of land. The A66 contributes to its historic interest.	High	Ravenworth Lodge faces directly onto the A66. Construction activity would be clearly visible from the building but as the baseline is the busy road, including heavy vehicle traffic, this would not be more than a minor adverse impact.	Minor Adverse	Slight Adverse
09-0020	Roman Vicus at Carkin Moor Roman Fort	The resource holds archaeological interest due to the presence of as yet unknown archaeological remains within the Roman settlement. It also has historical interest deriving both from its ability to enhance our understanding of the lives of its inhabitants and as part of a series of surviving contemporary elements visible across the surrounding elements.	A probable Roman roadside settlement identified to the west of Carkin Moor Roman fort, lying to the south of remains of the Roman road (09-0020). It is possible that these remains may be of schedulable quality and, as a result, it has been assessed as being of high value. The resource's setting adjacent to the Roman Fort contributes to its value.	High	Construction activities would occur within the setting of the resource, including moving plant, lighting and noise, although these would largely be within the existing road corridor and of limited impact.	Minor Adverse	Slight Adverse
09-0128	Fox Hall Public House	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The resource is situated adjacent to the historic A66 corridor; it derives value from this historic association as a historic public house alongside a busy public highway.	Low	Although partially screened by mature vegetation, construction works will be visible to the north-west of the resource within the new offline section of the Scheme. There may also be perceptible noise changes.	Minor Adverse	Slight Adverse
09-0129	Fox Hall Farm	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The resource is situated adjacent to the historic A66 corridor; it derives value from this historic association with the surrounding agricultural landscape and has always been sited adjacent to a busy public highway.	Low	Although partially screened by mature vegetation, construction works will be visible to the north-west of the resource within the new offline section of the Scheme. There may also be perceptible noise changes.	Minor Adverse	Slight Adverse
09-0134	Carkin Moor Farm	The resource holds historic and architectural interest as an example of a historic farm complex.	The resource's immediate setting is the farm complex within which it is sited and the wider surrounding rural landscape.	Low	There may be perceptible noise changes due to construction works and the movement of plant within the existing A66 corridor.	Minor Adverse	Slight Adverse
09-0135	Mainsgill Farm	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The resource is situated adjacent to the historic A66 corridor which forms part of its setting, alongside the farm complex within which it is sited and the wider surrounding rural landscape	Low	Construction works including the movement of plant will be visible to the north and north-west of the resource within the new offline section of the Scheme. There may also be perceptible noise changes during construction.	Minor Adverse	Slight Adverse
09-0136	Green Bank Farm	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The resource's immediate setting is the farm complex within which it is sited and the wider surrounding rural landscape.	Low	There may be perceptible noise changes due to construction works and the movement of plant within the existing A66 corridor.	Minor Adverse	Slight Adverse
09-0005	Hay Barn	The resource holds historic and architectural interest as an example of 18th/19th century local agricultural architecture.	The Hay Barn's setting is formed by the group of farm buildings it is within, and the settlement of West Layton and its fields beyond. It is a grand building, despite its functional nature, and appears to have been designed to be visually impressive. Its setting within the village and farm complex, therefore, makes a positive contribution to its value, and it has a functional setting relationship to the fields which surround the farm.	High	The Order Limit is c300m south-east of the resource and views to the closest part of the Project are screened by woodland and buildings. Construction activity may be visible along the proposed offline section of road to the south-east but is unlikely to have a more than negligible adverse effect on the setting of the barn, which is related to its presence within a complex of farm buildings and the fields immediately surrounding it.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
09-0012	Rectilinear enclosure, adjacent to Carkin Moor Roman fort, East Layton	The resource holds archaeological interest due to the presence of as yet unknown archaeological remains within the Prehistoric settlement. It also has historical interest deriving both from its ability to enhance our understanding of the lives of its inhabitants and as part of a series of surviving contemporary elements visible across the surrounding landscape.	The resource is located on a slight hill with panoramic views to the east, south and west. Views from and towards the north of the site are screened by the plantation of woodland. The A66 runs through the centre of the Carkin Moor fort, following the line of the Roman road. Long views across the landscape which contains surviving contemporary elements are legible parts of its setting and contribute to its historic and archaeological interest.	Medium	Buried archaeological remains potentially associated with the Iron Age settlement site which forms part of the Carkin Moor scheduled monument to the south-east (09-0001). Although construction activities would be visible from the resource the project would not impact its relationship to the buried remains of the settlement to the south-east.	Negligible Adverse	Slight Adverse
09-0073	Old Smithy	The resource holds historic and architectural interest as an example of the local industrial architectural vernacular of the 18th century.	The setting of the resource is formed by the village of East Layton, which contributes positively to its value.	High	The setting of the resource is formed by the village of East Layton, which contributes positively to its value. There may be some views to the south of the resource of the works taking place within the existing A66 corridor and new offline section of the Scheme, including sight of construction plant. There are unlikely to be perceptible noise changes.	Negligible Adverse	Slight Adverse
09-0075	Christ Church	The resource holds historic and architectural interest as an example of 19th century religious architecture.	The setting of the resource is formed by the village of East Layton, which contributes positively to its value.	High	There may be some views to the south of the resource of the works taking place within the existing A66 corridor and new offline section of the Scheme, including sight of construction plant. There are unlikely to be perceptible noise changes.	Negligible Adverse	Slight Adverse
09-0077	West Farmhouse and West Farm Cottage	The resource holds historic and architectural interest as an example of the local architectural vernacular of the 17th and 19th century.	The setting of the resource is formed by the village of East Layton, which contributes positively to its value.	High	There may be some views to the south of the resource of the works taking place within the existing A66 corridor and new offline section of the Scheme, including sight of construction plant. There are unlikely to be perceptible noise changes.	Negligible Adverse	Slight Adverse
09-0083	Ravensworth Conservation Area	The resource has architectural, archaeological and historic interest derived from its potential to contain archaeological material relating to the origins of the settlement as an early medieval village and the surviving local, post-medieval architectural vernacular.	The setting of the resource comprises the agricultural landscape which surrounds the settlement comprising open fields and piecemeal enclosure. This contributes to its historic interest.	Medium	Several parts of Ravensworth Conservation Area are within the ZVI. These are centred largely within the north-eastern part of the Conservation Area which covers part of a medieval or post-medieval strip field system. This area provides a buffer around the historic settlement and forms part of its setting. Construction activity, including moving plant, may be visible from these areas and the northern extent of the village, however these would be at a distance of c.1.1+ km and be glimpsed only through screening provided by mature vegetation.	Negligible Adverse	Slight Adverse
09-0084	East Layton Conservation Area	The resource has architectural, archaeological and historic interest derived from its potential to contain archaeological material relating to the origins of the settlement as an early medieval village and	The setting of the resource comprises the historic field systems to the south of the village and wider agricultural landscape, both of which contribute to its historic interest.	Medium	The southern parts of the East Layton Conservation Area are within the ZVI. These are largely small, intermittent areas of glimpsed views south towards the new offline section of the Scheme. Construction activity, including	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		the surviving local, post-medieval architectural vernacular.			moving plant, and some construction noise may be visible from these areas.		
09-0085	Hartforth Conservation Area	The resource has architectural, archaeological and historic interest derived from its potential to contain archaeological material relating to the origins of the settlement as an early medieval village and the surviving local, post-medieval architectural vernacular.	The setting of the resource is formed by its parkland setting which contributes to its historic interest.	Medium	A small number of areas within the Conservation Area lie within the ZVI. Glimpsed views to construction activities to the north-west, within the Scheme, occur.	Negligible Adverse	Slight Adverse
09-0105	Stable with Granary Above, approximately 20m west of West Farm House Cottage	The resource holds historic and architectural interest as an example of the local architectural vernacular of the 18th century.	The setting of the resource is formed by the village of East Layton, which contributes positively to its value.	High	There may be some views to the south of the resource of the works taking place within the existing A66 corridor and new offline section of the Scheme, including sight of construction plant. There are unlikely to be perceptible noise changes.	Negligible Adverse	Slight Adverse

A1(M) Junction 53 Scotch Corner

8.10.3.11 None of the heritage resources located within the study area or ZVI for the A1(M) Junction 53 Scotch Corner Scheme would receive temporary construction impacts and effects.

8.10.4 Heritage resources which would receive permanent construction impacts and effects

8.10.4.1 In total, 320 heritage resources would receive a permanent construction impact and effect because of the Project. As stated in Section 8.10.1, the following sub-sections present the impact assessment table for each scheme with each table arranged in a descending scale of effect. Significant effects are presented in **bold** text and in instances where the mitigation of an impact has been proposed, the residual effect is shown in brackets.

8.10.4.2 Further information regarding the assessment methodology can be found in Section 8.10.1 of this appendix and Section 8.4 of ES Chapter 8 Cultural Heritage. Details of the proposed mitigation measures can be found in Section 8.8 of ES Chapter 8: Cultural Heritage (Application Document 3.2) and Annex B3: Detailed Heritage Mitigation Strategy within the EMP (Application Document 2.7). Further information regarding the affected heritage resources can be found in Section 1.2 of ES Appendix 8.8 Gazetteer.

Routewide

8.10.4.3 One routewide heritage resource located within the study area and ZVI would receive a permanent construction effect, which would not be significant.

Table 9: Routewide permanent construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
00-0001	The Street, Roman Road	The resource holds archaeological interest as a buried archaeological feature and historic interest as part of the wider Roman landscape.	The location of the archaeological remains within the wider surviving Roman landscape enhances the historic interest of the resource.	Medium	In Scheme 04-05, where evidence of the Roman road, and associated features which may be adjacent to the road, survive within the Order Limits, it will be removed by groundworks to formation levels. Survival is unlikely within the existing road corridor. However, as only a small proportion of the Roman road would be impacted, this would be no more than a minor adverse impact. In Scheme 06, The proposed works include the widening of existing sections of the road, some sections being shifted	Minor Adverse	Slight Adverse (Neutral)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					southwards from the current alignment, and new offline realignment to the north of Warcop.		

M6 Junction 40 to Kemplay Bank

8.10.4.4 A total of 21 heritage resources located within the study area and ZVI of this scheme would receive a permanent construction effect. Of these, one would be significant .

Table 10: M60 Junction 40 to Kemplay Bank permanent construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
02-0002	Brougham Roman fort (Brocaum) and civil settlement and Brougham Castle	Brougham Roman fort and its associated civil settlement and Brougham medieval castle have architectural, archaeological and historic interest derived from the upstanding architectural and buried archaeological remains and their potential to increase understanding of past Roman military occupation and fort design and use, Roman civil settlement activity and land use, the medieval reuse and adaptation of former Roman sites, and medieval military and civilian castle settlements.	Brougham Roman fort and associated civil settlement and Brougham medieval castle are located adjacent to the River Eamont and the historic route of the A66. The buried archaeological remains are in close association with the historic route of the A66 and surrounding Roman period archaeological remains, while the upstanding remains of the medieval castle retain their setting within a rural agricultural landscape adjacent to the historic route of the A66 although partially screened from the route by trees and intervening cottages, with views across the River Eamont valley. The strategic road and riverside setting within a rural agricultural landscape makes a positive contribution to the environmental value of the resource.	High	The resource is partially located within the Order Limits. The resource is divided into three parts consisting of the area of the Roman fort and medieval castle, the buried remains of the vicus in one field to the south of the fort and castle, and the buried remains of the vicus in two fields to the south-east of the fort and castle; the northern edge of these two fields are located within the Order Limits. Any below ground works in this area will result in the loss of associated physical evidence. The proposed works include the creation of a hardstanding cycle path, associated verges and earthworks, and areas of environmental mitigation of species rich grassland and marsh and wet grassland.	Moderate Adverse	Large Adverse (Moderate Adverse)
01-0171	Potential Romano-British enclosure	The buried archaeological remains have archaeological and historic interest deriving from their nature as a potential Romano-British enclosure and their potential for increasing understanding of past human settlement and activity during the Romano-British period.	The buried archaeological remains are located on either side of the route of the existing A66 and in an region with extensive evidence of Romano-British activity which makes a positive contribution to the environmental value of the resource.	Medium	Buried archaeological remains partially within the Order Limits. Works include the construction of a new offline section of road on either side of the existing A66. Although the existing A66 will have previously removed below ground archaeological remains associated with the enclosure, any below ground works will result in the loss of associated physical evidence of the surviving remains within the Order Limits.	Moderate Adverse	Moderate Adverse (Slight Adverse)
01-0172	Palaeochannel	The buried archaeological remains have archaeological interest deriving from their nature as a palaeochannel associated with the River Eamont and their potential for increasing understanding of past climate and palaeoenvironment.	The palaeochannel is located in association with the River Eamont which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
01-0173	Palaeochannel	The buried archaeological remains have archaeological interest deriving from their nature as a palaeochannel associated with the River Eamont and their potential for increasing	The palaeochannel is located in association with the River Eamont which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		understanding of past climate and palaeoenvironment.					
02-0042	Carleton Hall Ice House	The site of a former ice house which has archaeological and historic interest deriving from the potential for possible below ground archaeological remains associated with the former ice house to survive and the historic association with Carleton Hall and the use and storage of ice as a resource.	The potential buried archaeological remains at the site of the former ice house would retain their association with Carleton Hall which makes a limited positive contribution to the environmental value of the resource.	Negligible	The site of a former resource within the Order Limits. Any below ground works will result in the loss of any surviving associated physical evidence.	Major Adverse	Slight Adverse
01-0121	Bank Earthworks	The large earthwork bank has architectural, archaeological and historic interest deriving from its designed earthwork construction, although of unknown date and use.	The large earthwork bank is located within the designed parkland landscape of Skirsgill Park which makes a positive contribution to the environmental value of the earthwork.	Low	Buried archaeological remains partially within the Order Limits. The proposed works include environmental mitigation in the form of woodland habitat creation. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse (Neutral)
01-0155	Thacka Beck	The culverted course of the Thacka Beck has archaeological and historic interest deriving from its nature as a medieval agricultural and water management feature.	The former medieval culverted watercourse is located within the designed landscape of Carlton Hall which makes a positive contribution to the setting of the former watercourse.	Low	Buried archaeological remains. Approximately half of the resource lies within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse (Neutral)
01-0002	Mayburgh henge	Mayburgh Henge has architectural, archaeological and historic interest deriving from its unusual design with a much larger and more monumental enclosing bank than is normally the case for a henge, as well as its lack of internal ditch. The scheduling notes that despite the removal of some of the stones in the centre of the site and limited quarrying of the surrounding bank, this site survives well and remains a visually impressive monument in the landscape, forming one of a group of three henges near the confluence of the Eamont and Lowther rivers.	Mayburgh Henge is located adjacent to the M6, a short distance from the confluence of the Rivers Eamont and Lowther. The henge is set within hedgeline fields to the north and east, leading down towards the River Eamont to the north and towards Eamont Bridge village and another henge, King Arthur's Round Table (01-0003), to the east. There is a house and garden fence which encroach onto the henge, and a hedgeline road with the M6 beyond bordering the henge to the southwest. From within the henge, the setting is enclosed and views are restricted by the earthwork bank, with an eastern entrance to the henge providing limited views towards King Arthur's Round Table (01-0003) and the southern end of Eamont Bridge village. From the top of the bank, the setting is open within fields with views across the River Eamont valley, although both the route of the M6 and the A66 are screened by trees. The rural field setting and views towards King Arthur's Round Table (01-0003) make a positive contribution to the environmental value of the resource.	High	The resource lies within the ZVI. The proposed scheme includes the construction of a pond and associated access road to the north of the resource.	Minor Adverse	Slight Adverse
01-0095	Toll Bar Cottage	Toll Bar Cottage has architectural and historic interest deriving from its early nineteenth century cottage construction and date, and its roadside	Toll Bar Cottage has a roadside setting fronting directly onto the Kempley Bank roundabout, existing A66 and Kempley Bank road. To the rear, it has an enclosed garden setting with tree lines providing screening from the existing A66. The historic	High	The project will see the alignment of the A66 move closer to the cottage, becoming more visually intrusive to the setting of the cottage. However, the change from the existing baseline is minor. The cottage was designed to be	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		nature and historic use as a Toll house on a Toll road.	roadside setting makes a positive contribution to the environmental value of the resource.		associated historically with a road. The changes to setting will result in a minor loss to the environmental value of the resource.		
01-0123	Possible Hollow Way	The possible holloway has architectural, archaeological and historic interest deriving from its nature as a possible historic routeway and its potential to increase understanding of past connectivity and travel.	The possible holloway is located within the woodland setting of Wetheriggs Country Park which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains. A small area lies within the Order Limits in the south. Any below ground works will result in the loss of associated physical evidence, but this represents a very small area of the identified resource.	Minor Adverse	Slight Adverse (Neutral)
01-0124	Curvilinear earthworks	The curvilinear earthwork features have architectural, archaeological and historic interest deriving from its designed earthwork nature and potential to increase understanding of past land use.	The curvilinear earthworks are located within the woodland setting of Wetheriggs Country park which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains. Two small areas lie within the Order Limits in the south. Any below ground works will result in the loss of associated physical evidence, but this represents a very small area of the identified resource.	Minor Adverse	Slight Adverse (Neutral)
01-0126	Field boundary / bank	The former medieval field boundary and bank has archaeological and historic interest deriving from its nature as a former historic field boundary and evidence for local medieval agricultural practices.	The former medieval field boundary and bank is located within the designed parkland setting of Skirsgill Park which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains. A small area of the eastern end of the resource lies within the Order Limits in the south. Any below ground works will result in the loss of associated physical evidence, but this represents a very small area of the identified resource.	Minor Adverse	Slight Adverse (Neutral)
01-0127	Field boundary / bank	The former medieval field boundary and bank has archaeological and historic interest deriving from its nature as a former historic field boundary and evidence for local medieval agricultural practices.	The former medieval field boundary and bank is located within the designed parkland setting of Skirsgill Park which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains. A small area of the eastern end of the resource lies within the Order Limits in the south. Any below ground works will result in the loss of associated physical evidence, but this represents a very small area of the identified resource.	Minor Adverse	Slight Adverse (Neutral)
01-0154	Hollow way	The possible holloway has low archaeological and historic interest deriving from its nature as a possible historic routeway and potential to increase understanding of past rural connectivity and travel.	The possible holloway is located within a rural agricultural setting crossing several fields and bisected by the railway embankment of the London and North Western railway line. The rural agricultural settings makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains. A small area of the eastern end of the resource lies within the Order Limits in the south. Any below ground works will result in the loss of associated physical evidence, but this represents a small area of the identified resource.	Minor Adverse	Slight Adverse (Neutral)
02-0046	Possible bank and ditch associated with Carleton Hall Park	A series of curvilinear and linear earthworks including a bank and ditch which have archaeological and historic interest deriving from their association with the designed landscape at Carleton Hall park and potential to increase understanding of water management and landscape features.	The buried archaeological remains retain their association with the designed landscape of Carleton Hall park which makes a limited positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
01-0041	North Bank	North Bank has architectural and historic interest for its Victorian Gothic construction and date, and the development of Eamont Bridge village.	North Bank has an enclosed garden setting, surrounded by a low stone wall and views south over the River Eamont and stables and buildings of the riding centre to the rear. The enclosed garden setting makes a positive contribution to the environmental value of the resource.	High	The building is within the ZVI. The A66 is already visible from North Bank, but the alignment will move southwards closer to the resource, which will increase the visual intrusion of the A66. However, planting is proposed to increase screening and reduce any adverse	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					impacts. The Project also includes the construction of a pond and associated access road to the west of the resource. A low level of occasional vehicle movement would be anticipated on the access road for pond maintenance.		
01-0108	Eamont Lodge	Eamont Lodge has architectural and historic interest for its late Georgian construction including a long round-headed sash window and the past development of Eamont Bridge village.	Eamont Lodge has a roadside setting enclosed within Eamont Bridge village, which makes a positive contribution to the environmental value of the resource.	High	The building is within the ZVI. The A66 is already visible from Eamont Lodge, but the alignment will move southwards and closer to the resource. The change of alignment will increase the visual intrusion of the A66 to the setting of Eamont Lodge. Mitigation planting to improve screening will reduce the impacts.	Negligible Adverse	Slight Adverse
01-0008	Yanwath Hall	Yanwath Hall has architectural, archaeological and historic interest deriving from its nature as a fortified tower and hall dating from the early or mid fifteenth century with later alterations, and its potential to increase understanding of medieval fortified houses within the North West.	Yanwath Hall is located in an enclosed farmyard setting bordered by the River Eamont to the north and railway line to the east. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	The resource lies partially within ZVI. The proposed works include an area of woodland and forest planting to the west of the resource, which will further screen the resource from the M6 and the proposed scheme.	Negligible Beneficial	Slight Beneficial
01-0011	Courtyard Range Adjoining Yanwath Hall	The buildings have architectural, archaeological and historic interest deriving from its fifteenth and sixteenth century construction and association with Yanwath Hall (01-0008).	The partly fortified stables, barn and brewhouse are located in an enclosed farmyard setting in association with Yanwath Hall (01-0008), bordered by the River Eamont to the north and railway line to the east. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	The resource lies partially within ZVI. The works include an area of woodland and forest planting to the west of the resource, which will further screen the resource from the M6 and the Project.	Negligible Beneficial	Slight Beneficial
01-0109	Barns East Of Yanwath Hall	The barns east of Yanwath Hall have architectural and historic interest for their early nineteenth century construction and their association with the historic site of Yanwath Hall.	The barns east of Yanwath Hall are located in an enclosed farmyard setting in association with Yanwath Hall (01-0008), bordered by the River Eamont to the north and railway line to the east. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	The resource lies partially within ZVI. The works include an area of woodland and forest planting to the west of the resource, which will further screen the resource from the M6 and the Project.	Negligible Beneficial	Slight Beneficial
02-0034	Carleton Hall Weir, River Eamont	The weir has been demolished and recorded, however some associated earthworks remain which have archaeological and historic value deriving from their potential to increase understanding of past water management and landscape design at Carleton Hall.	The earthworks associated with the former site of the weir retain their riverside setting which makes a positive contribution to the environmental value of the resource.	Low	The weir has been demolished and recorded, however some associated earthworks remain which are partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Negligible Adverse	Neutral

Penrith to Temple Sowerby

8.10.4.5 A total of 40 heritage resources located within the study area and ZVI of this scheme would receive a permanent construction effect. Of these, four would be significant.

Table 11: Penrith to Temple Sowerby permanent construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
03-0050	Brougham Ring Ditches, Brougham	The Brougham ring ditches have archaeological and historic interest deriving from their nature as the site of prehistoric archaeology and their potential for increasing understanding of past human activity during the prehistoric period.	The Brougham ring ditches were visible on past aerial photographs of rural agricultural fields adjacent to the A66 but may no longer be extant. Finds of Neolithic pottery in nearby excavations may be related to the Brougham ring ditches. The spatial association between the Brougham ring ditches and the pottery finds makes a positive contribution to the environmental value of the resource.	Medium	Buried archaeological remains visible on past aerial photographs which appear to be located within the Order Limits, but which were unable to be located through aerial photography and LiDAR surveys undertaken in 2020 for the Project so their current survival is uncertain. However, any below ground works will result in the loss of any surviving associated physical evidence.	Major Adverse	Large Adverse (Moderate Adverse)
03-0212	Peat deposit	The buried archaeological remains have archaeological interest deriving from their nature as a peat deposit within a palaeochannels associated with the Light Water and their potential for increasing understanding of past climate and palaeoenvironment.	The buried archaeological remains have archaeological interest deriving from their nature as a peat deposit within a palaeochannels associated with the Light Water and their potential for increasing understanding of past climate and palaeoenvironment.	Medium	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Large Adverse (Moderate Adverse)
03-0213	Peat deposit	The buried archaeological remains have archaeological interest deriving from their nature as a peat deposit within a palaeochannels associated with the River Eamont and their potential for increasing understanding of past climate and palaeoenvironment.	The buried archaeological remains have archaeological interest deriving from their nature as a peat deposit within a palaeochannels associated with the River Eamont and their potential for increasing understanding of past climate and palaeoenvironment.	Medium	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Large Adverse (Moderate Adverse)
03-0004	Settlement 1/3 mile (540m) ENE of Brougham Castle OR Brougham Vicus, Brougham	The settlement near Brougham Castle has archaeological and historic interest deriving from the archaeological survival of the dispersed vicus settlement near Brocavum Roman Fort indicated by cropmarks visible in aerial photographs, LiDAR data, geophysical survey and archaeological investigation. The site has the potential to increase understanding of Romano-British settlement and land use within a vicus settlement, the Roman military occupation and settlement of the area near Brougham, the construction, development and use of the Roman Road, and Romano-British cemetery practices and funerary behaviours.	The buried archaeological remains near Brougham Castle are located within a rural agricultural and pastureland setting, in close association with other Romano-British archaeological evidence in the area such as the Roman Camp near Brougham, Brougham Roman Fort and civil settlement and the former course of the Roman Road. These spatial associations make a limited positive contribution to the environmental value of the resource.	High	The Order Limits cross the recorded boundary of the scheduled monument along the southern edge. LiDAR also suggests that the footprint of the site may be notably larger than the currently scheduled area. Any below ground impacts which extend outside of areas previously impacted upon, such as by the construction of the existent A66, will result in permanent physical impacts and loss of physical evidence. While the completed road would slightly alter the baseline appearance of the road it would not significantly alter the contribution of the resource's setting to its value.		Large Adverse (Moderate Adverse)
03-0019	Whinfell Park Unclassified Cropmark, Brougham	The buried archaeological remains have archaeological and historic interest derived from their nature as the site of potential prehistoric archaeology and	The buried archaeological remains are located in a rural agricultural field, in an area with recorded findspots of prehistoric material which may relate to the cropmark features. The spatial association	Low	Buried archaeological remains within the Order Limits. Any below ground works will	Major Adverse	Moderate Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		their potential for increasing understanding of past human activity and land use during the prehistoric period.	between the findspots and cropmarks makes a positive contribution to the environmental value of the resource.		result in the loss of associated physical evidence.		(Slight Adverse)
03-0126	Cropmark	The cropmark has archaeological and historic interest deriving from the potential for early medieval buried archaeological remains and ability to contribute to the understanding of early medieval agricultural land use and settlement.	The cropmark is located within a rural agricultural field in an area of early medieval findspots and field boundaries. The spatial association between the cropmark and the field boundaries and early medieval findspots makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0146	Cropmarks associated with site of former Blacksmith's Workshop	The site of a former smithy which has archaeological and historic interest deriving from the potential for possible below ground archaeological remains associated with the former smithy to survive and the historic industrial use of the site.	The site of the former smithy is occupied by new housing but the site retains its historic spatial association with the light water which makes a limited positive contribution to the environmental value of the resource.	Low	Site of a former smithy, entirely within the Order Limits. There is a risk of adverse physical impacts to any surviving archaeological evidence within the Order Limits, with any below ground works resulting in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0186	Former Lightwater Smithy	The site of a former smithy which has archaeological and historic interest deriving from the potential for possible below ground archaeological remains associated with the former smithy to survive and the historic industrial use of the site.	The site of the former smithy is occupied by new housing but the site retains its historic spatial association with the Light Water which makes a limited positive contribution to the environmental value of the resource.	Low	Site of a former smithy, entirely within the Order Limits. There is a risk of adverse physical impacts to any surviving archaeological evidence within the Order Limits, with any below ground works resulting in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0200	Paleochannel	The buried archaeological remains have archaeological interest deriving from their nature as a paleochannel associated with the Light Water and their potential for increasing understanding of past climate and palaeoenvironment.	The palaeochannels is located in association with the Light Water which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0201	Paleochannel	The buried archaeological remains have archaeological interest deriving from their nature as a paleochannel associated with the River Earmont and their potential for increasing understanding of past climate and palaeoenvironment.	The paleochannel is located in association with the River Earmont which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0202	Paleochannel	The buried archaeological remains have archaeological interest deriving from their nature as a paleochannel associated with the Swine Gill and their potential for increasing understanding of past climate and palaeoenvironment.	The paleochannel is located in association with the Swine Gill which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0203	Field boundaries	The buried archaeological remains have archaeological and historic interest	The buried archaeological remains of former field boundaries retain their landscape context with the	Low	Buried archaeological remains within the Order Limits. Works include the construction	Major Adverse	Moderate Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		derived from their nature as historic field boundaries and the potential to increase understanding of post medieval enclosure and agricultural land use.	Light Water area which makes a positive contribution to the environmental value of the resource.		of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.		(Slight Adverse)
03-0204	Field boundaries	The buried archaeological remains have archaeological and historic interest derived from their nature as historic field boundaries and the potential to increase understanding of post medieval enclosure and agricultural land use.	The buried archaeological remains of former field boundaries retain their landscape context with the Swine Gill area which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0205	Field boundaries	The buried archaeological remains have archaeological and historic interest derived from their nature as historic field boundaries and the potential to increase understanding of post medieval enclosure and agricultural land use.	The buried archaeological remains of former field boundaries retain their landscape context with the area which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0206	Field boundaries	The buried archaeological remains have archaeological and historic interest derived from their nature as historic field boundaries and the potential to increase understanding of post medieval enclosure and agricultural land use.	The buried archaeological remains of former field boundaries retain their landscape context with the area which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0207	Pit	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0208	Pits	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0209	Field boundaries	The buried archaeological remains have archaeological and historic interest derived from their nature as historic field boundaries and the potential to increase understanding of post medieval enclosure and agricultural land use.	The buried archaeological remains of former field boundaries retain their landscape context with the area which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Moderate Adverse (Slight Adverse)
03-0210	Field boundaries	The buried archaeological remains have archaeological and historic interest derived from their nature as historic field boundaries and the potential to increase understanding of post medieval enclosure and agricultural land use.	The buried archaeological remains of former field boundaries retain their landscape context with the area which makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Moderate Adverse (Slight Adverse)
03-0211	Field boundaries	The buried archaeological remains have archaeological and historic interest derived from their nature as historic field	The buried archaeological remains of former field boundaries retain their landscape context with the	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below	Moderate Adverse	Moderate Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		boundaries and the potential to increase understanding of post medieval enclosure and agricultural land use.	area which makes a positive contribution to the environmental value of the resource.		ground works will result in the loss of associated physical evidence.		(Slight Adverse)
03-0214	Whinfell Cropmarks	The cropmark and enclosure have archaeological and historic interest deriving from their nature as buried archaeological remains and their potential for increasing understanding of past human activity and land use.	The cropmark and enclosure are located in a rural agricultural field setting in proximity to other cropmarks and buried archaeological remains. This spatial association makes a limited positive contribution to the resource.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road and WCHR route. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
03-0051	Brougham Enclosure	Brougham enclosure has archaeological and historic interest deriving from its nature as a prehistoric or Romano-British enclosure site and its potential for increasing understanding of past settlement and land use activity during the prehistoric or Romano-British periods.	Brougham enclosure is located within several rural agricultural fields to the north of the A66 and south of the River Eamont, and in proximity to other nearby prehistoric and Romano-British features such as Brougham ring ditches, Brougham Roman Fort and civil settlement and Brougham Roman cemetery. The spatial association between the Brougham enclosure and other nearby prehistoric and Romano-British features makes a positive contribution to the environmental value of the resource.	Medium	Buried archaeological remains partially within the Order Limits. For the area of remains within the Order Limits, any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Moderate Adverse (Slight Adverse)
03-0088	Hartshorn Tree, Brougham	The site of the Hartshorn Tree has archaeological and historic interest deriving from the archaeological potential evidenced by the aerial photographic and LiDAR survey results and the association of the site with a named tree marking the traditional spot where a stag and hound collapsed and died simultaneously in 1333.	The site of the Hartshorn Tree and associated buried archaeological remains are located within rural agricultural fields, enclosed by hedge lines and drystone walling, adjacent to the A66. The spatial association between the traditional site of the Hartshorn Tree and the buried archaeological remains makes a positive contribution to the environmental value of the resource.	Medium	The HER places the site within the Order Limits and the LiDAR and aerial photography survey records the site as a larger area of cropmarks partially within the Order Limits. In the area of cropmark archaeological remains which extends within the Order Limits, any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Moderate Adverse (Slight Adverse)
03-0104	Cropmark - uncertain depression	The cropmark has archaeological and historic interest derived from the potential of buried archaeological remains at the site and the ability to contribute to a greater understanding of past land use and human activity.	The cropmark is located within a rural agricultural field setting in close proximity to other areas of cropmarks and buried archaeological remains. The spatial association between the areas of cropmarks makes a positive contribution to the environmental value of the resource.	Negligible	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Slight Adverse (Neutral)
03-0138	Earthworks - possible field systems	The cropmark has archaeological and historic potential for the buried archaeological remains of an earlier field system under an allotment scheme and post medieval agricultural land use.	The cropmark is located in a rural agricultural field and the agricultural setting makes a limited positive contribution to the environmental value of the resource.	Negligible	Potential evidence of former field boundaries under allotment scheme, entirely within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Slight Adverse (Neutral)
03-0140	Earthworks - former field boundary	The earthwork and cropmark have archaeological and historic interest deriving from their nature as a former field boundary and their potential to contribute towards an understanding of post medieval field boundaries and agricultural land use.	The former field boundary is located within a large agricultural field and the rural agricultural setting makes a positive contribution to the environmental value of the resource.	Negligible	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Slight Adverse (Neutral)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
03-0189	Lone Roadside Building, Hartshorn	The site of a former building has archaeological and historic interest deriving from the pre-1860s land use and potential for buried archaeological remains relating to the former building.	The site of a former building is now built over with new structures retains its spatial association with the road which makes a limited contribution to the environmental value of the resource.	Low	Former building within the Order Limits. Works include the demolition of the High Barn Farm buildings on the site of the former lone roadside building to accommodate the new road alignment to the south of the existing A66. There is a risk of adverse physical impacts to any surviving archaeological evidence of the lone roadside building within the Order Limits, with any below ground works resulting in the loss of associated physical evidence.	Major Adverse	Slight Adverse (Neutral)
03-0089	Whinfell Park, Brougham	The Whinfell Park deer park has archaeological and historic interest deriving from the historic land use of the site as a deer park as well as the potential for surviving archaeological landscape features such as boundary ditches, the park pale and holloways. Whinfell Park deer park has the potential to increase the understanding of the role of hunting and emparkment within medieval society.	The Whinfell Park deer park covers a large landscape within a historic area characterised as planned enclosures on low fell, and incorporates much of the surviving woodland area of Whinfell Forest. The forest setting of Whinfell Park makes a positive contribution to the environmental value of the resource.	Medium	The northern edge of the resource falls within the Order Limits. The proposed works within the northern edge of Whinfell Park include the widening of existing section of the A66, alterations to the parts of the alignment, and the construction and alteration of access routes and junctions. Any surviving evidence within the footprint of the proposed works, such as the park pale, are liable to be subject to adverse impacts.	Minor Adverse	Slight Adverse (Neutral)
03-0115	Cropmarks	The series of annular cropmark features have archaeological and historic interest deriving from the potential for buried archaeological remains and ability to contribute to the understanding of prehistoric land use and settlement or funerary activity.	The series of annular cropmark features are located within a rural agricultural landscape setting and in proximity to locations of prehistoric finds. The spatial association between the cropmark features and the prehistoric findspots makes a limited positive contribution to the environmental value of the resource.	Low	Buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
03-0118	Cropmark	The cropmark has archaeological and historic interest deriving from the potential for prehistoric buried archaeological remains and ability to contribute to the understanding of prehistoric land use and settlement or funerary activity.	The cropmark is located within a rural agricultural field setting and in proximity to other cropmarks with potential for prehistoric buried archaeological remains and the locations of prehistoric finds. The spatial association between the cropmark features and the prehistoric findspots makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains at the edge of the Order Limits. Should any archaeological deposits extend within the Order Limits, any below ground works will result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
03-0129	Earthworks - paleochannel	The buried archaeological remains have archaeological interest deriving from their nature as a paleochannel associated with the River Eamont and their potential for increasing understanding of past climate and palaeoenvironment.	The paleochannel is located in association with the River Eamont which makes a positive contribution to the environmental value of the resource.	Low	Paleochannel partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
03-0130	Earthworks - palaeochannels / glacial spring	The buried archaeological remains have archaeological interest deriving from their nature as a paleochannel associated with the River Eden and their	The paleochannel is located in association with a tributary of the River Eden which makes a positive	Low	Buried evidence of a possible glacial spring or paleochannel, with a limited area within the Order Limits. Any below ground works will result in the loss of associated physical	Minor Adverse	Slight Adverse (Neutral)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		potential for increasing understanding of past climate and palaeoenvironment.	contribution to the environmental value of the resource.		evidence, however the area of the resource liable to be impacted upon is limited.		
03-0005	St Ninian's preconquest monastic site, site of nucleated medieval settlement, St Ninian's Church and churchyard	The site of St Ninian's church, monastic and settlement site has architectural, archaeological and historic interest deriving from the surviving seventeenth century church at the site, the surviving architectural elements and buried archaeological remains associated with the preceding medieval church at the site, as well as the buried archaeological remains of the Early Medieval monastic site and the deserted medieval settlement of Brougham village. The St Ninian's site has the potential to increase understanding of Early Medieval monasticism and the spread of Christianity in the North West, the changing pattern of settlement and land use from the Early Medieval to the post medieval period at Brougham, changing architectural forms of church and churchyard construction and use, and the potential for earlier human activity at the site visible through earthwork remains, cropmarks and archaeological survey.	The site of St Ninian's church, monastic site and deserted medieval village of Brougham are located in a rural agricultural and pastureland setting within a bend of the River Eamont that is approached from the south via a footpath that descends towards the site and the River Earmont. The site's lower elevation by the River Eamont within the surrounding higher landscape and the screening from woodland areas beyond the site in all directions adds to the sense of tranquillity at the site. The standing building remains of the seventeenth century church are set within an enclosed churchyard setting, ringed with trees and a drystone wall which partially screen the church from exterior view, which makes a positive contribution to the environmental value of the church and churchyard. The faint earthworks and buried archaeological remains of the earlier church, monastic site and deserted medieval village of Brougham surround the churchyard and the spatial association between each these elements also makes a positive contribution to the environmental value of these resources.	High	The resource lies partially within the ZVI. A new accommodation overbridge will be constructed at the eastern end of this scheme, but at a far distance from the resource. A new priority left-in/left-out junction will enable access to the road leading to the car park and PRow 311/013 to St Ninian's Church from the A66 eastbound carriageway. The existing car park will be relocated within the site. This will improve accessibility to the site and contribute to the greater understanding of the architectural, archaeological and historic interest of the site amongst stakeholders and the general public. While the completed road will slightly alter the baseline appearance of the road it would not significantly alter the contribution of the resource's setting to its value and the existing screening will reduce this impact.	Negligible Adverse	Slight Adverse
03-0006	Countess's Pillar	The Countess Pillar has architectural and historic interest deriving from its unique nature as a commemorative marker erected by an important historical figure, Lady Anne Clifford in memory of her mother. The neighbouring monument of the Alms Table is mentioned in the inscription and provides group value. The Scheduling notes that the monument provides insight into the importance of the nobility in the earlier post-medieval period and their role in establishing landmarks and commemorative monuments.	The Countess Pillar is located on the roadside to the south of the A66, enclosed within railings, with the location specifically chosen to commemorate the place where Lady Anne Clifford and her mother last parted where the A66 met the Brougham Castle drive in the seventeenth century. Additionally, the position and alignment of the monument is related to the sundials on its sides, and the placement of the Countess Pillar makes a positive contribution to the environmental value of the resource.	High	The pillar and associated scheduled area are located within the Order Limits but will not be physically impacted by the proposed works. The addition of a new accommodation overbridge to the west of the Pillar will alter the baseline setting, however the impacts will be negligible, and permanent construction impacts of the road itself are likely to be very similar to baseline. A new amenity parking area and footway access for the Countess Pillar will enable better access to the site and contribute to the greater understanding of the architectural and historic interest of the site amongst stakeholders and the general public.	Negligible Adverse	Slight Adverse
03-0007	Alms Table Beside Countess's Pillar	The Alms Table has architectural and historic interest deriving from its group value with the neighbouring monument the Countess Pillar, its historic use for the distribution of alms on 2nd April each year since 1656, the importance of the nobility in the earlier post-medieval	The Alms Table is located on the roadside to the south of the A66, enclosed within railings and adjacent to the Countess Pillar, with the location of both specifically chosen to commemorate the place where Lady Anne Clifford and her mother last parted where the A66 met the Brougham Castle drive in the seventeenth century. The placement of	High	The Alms Table is located within the Order Limits but will not be physically impacted by the proposed works. The addition of a new accommodation overbridge to the west of the Pillar will alter the baseline setting, however the impacts will be negligible, and permanent construction impacts of the road itself are	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		period and their role in establishing landmarks and commemorative monuments.	the Alms Table makes a positive contribution to the environmental value of the resource.		likely to be very similar to baseline. A new amenity parking area and footway access for the Countess Pillar will enable better access to the site and contribute to the greater understanding of the architectural and historic interest of the site amongst stakeholders and the general public.-		
03-0013	Milestone East Of Whinfell Park	The milestone has architectural and historic interest deriving from its placement and use as a milestone marker. The milestone has the potential to increase understanding of past communication routes and transport activity along the historic route of the A66.	The milestone has a roadside location and indicates the distance from its location to local landmarks Appleby and Penrith. Its specific placement and roadside setting make a positive contribution to the environmental value of the resource.	High	The milestone is located within the Order Limits. The completed road would slightly alter the baseline appearance of the road but, provided the milestone is reinstated as close as practicable to its original location, it would not alter the contribution of the resource's setting to its value.	Negligible Adverse	Slight Adverse
03-0184	Lightwater Bridge (site of)	The site of Lightwater Bridge has archaeological and historic interest deriving from the site of a historic crossing of the Lightwater, potential for surviving buried archaeological remains relating to the pre-1860s bridge structure and improve understanding of past communication, transport and river crossings along the A66.	The site of Lightwater Bridge retains its spatial association with the route of the A66 and the Lightwater, now culverted at the site, which makes a positive contribution to the environmental value of the resource.	Low	Site of a former bridge within the Order Limits. There is a risk of adverse physical impacts to any surviving archaeological evidence within the Order Limits, with any below ground works resulting in the loss of associated physical evidence. However, it is likely the bridge was entirely removed during construction of the culvert.	Minor Adverse	Neutral
03-0107	Cropmark	The cropmark has archaeological and historic interest derived from the potential of buried archaeological remains at the site, the close spatial association with nearby locations of prehistoric finds, and the ability to contribute to a greater understanding of past land use and human activity.	The cropmark is located within a rural agricultural field setting in close proximity to locations of prehistoric find spots. The spatial association between the cropmark and the locations of prehistoric finds makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains almost entirely outside of the Order Limits. Should associated archaeological remains extend within the Order Limits, any below ground works will result in the loss of associated physical evidence. However, the overlap of the resource and the Order Limits is minimal.	Negligible Adverse	Neutral
03-0188	Whinfell	Whinfell farm buildings have architectural and historic interest deriving from their pre-1860 construction and use and provide an example of vernacular farming architecture.	Whinfell farm buildings retain their enclosed farmyard setting within a larger agricultural field landscape which makes a positive contribution to the environmental value of the resource.	Low	Former farm buildings within the ZVI. Works include the realignment of the existing access to the Whinfell Park Cottages and a new underpass will be built to allow farm access from both sides of the carriageway.	Negligible Adverse	Neutral
03-0191	Whinfell House	Whinfell House farm buildings have architectural and historic interest deriving from their pre-1860 construction and use and provide an example of vernacular farming architecture.	Whinfell House farm buildings retain their enclosed farmyard setting within a larger agricultural field landscape which makes a positive contribution to the environmental value of the resource.	Low	Farm buildings within the ZVI. Works include the removal of access to the A66 from the track that leads from Whinfell House, access will instead be via the local road network.	Negligible Adverse	Neutral

Temple Sowerby to Appleby

8.10.4.6 A total of 86 heritage resources located within the study area and ZVI of this scheme would receive a permanent construction effect. Of these, two would be significant.

Table 12: Temple Sowerby to Appleby permanent construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0489	Enclosure and other features north-west of Kirkby Thore	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour. The historic interest is also derived from its ability to enhance our understanding of rural Romano-British land-use in the region.	Setting does not contribute to the environmental value of the buried archaeological remains.	Medium	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Large Adverse (Moderate Adverse)
0405-0494	Prehistoric round house drip gully and associated features	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of human activity and settlement during the Prehistoric periods.	Setting does not contribute to the environmental value of the buried archaeological remains.	Medium	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Large Adverse (Moderate Adverse)
0405-0117	Sleastonhow Lane Enclosure and Dyke, Kirkby Thore	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. The proposed works include the construction of new offline section of road and the alteration of an existing road within the footprint of the cropmarks. This will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0120	Dyke at Crackenthorpe	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. The proposed works include the construction of new offline section of road, a new single carriageway overbridge over the new alignment of the A66, and temporary construction compound storage areas to the north and south of the new offline section of road. This will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0184	Aerial photography and LiDAR Evidence - Earthworks	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	The agricultural landscape which continues to surround the field boundaries contributes to its historic interest.	Low	Buried archaeological remains within the Order Limits. Works include a temporary construction compound storage area, a service diversion and an environmental mitigation grassland area. This would result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0186	Aerial photography and LiDAR Evidence - Earthworks	The resource holds historic and archaeological interest as a remnant of historic transport infrastructure.	The landscape which surrounds the trackway has shaped its form and route, thus contributing to its historic interest.	Low	Former trackway within the Order Limits. The proposed works include the construction of a new offline section of road across the former trackway. This would result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0191	Aerial photography and LiDAR Evidence - Earthworks	The resource holds historic and archaeological interest as a remnant of historic transport infrastructure.	The landscape which surrounds the trackway has shaped its form and route, thus contributing to its historic interest.	Low	Buried archaeological remains within the Order Limits. The works include the construction of a new offline section of road	Major Adverse	Moderate Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					across the former trackway. This would result in the loss of associated physical evidence.		(Slight Adverse)
0405-0199	Aerial photography and LiDAR Evidence - Earthworks	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	The agricultural landscape which continues to surround the field boundaries contributes to its historic interest.	Low	Buried archaeological remains mostly located within the Order Limits. The proposed works include the construction of a new offline section of road across the earthworks. This would result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0200	Aerial photography and LiDAR Evidence - Earthworks	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	The agricultural landscape which continues to surround the field boundaries contributes to its historic interest.	Low	Buried archaeological remains within the Order Limits. Works include wetland and grassland environmental mitigation areas and the construction of a new offline section of road across the southern portion of the buried archaeological remains. This would result in the loss of associated physical evidence in this area.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0221	Aerial photography and LiDAR Evidence	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	The proximity of the resource to the Trout Beck contributes to its archaeological value.	Low	The proposed works include the construction of a new offline section of road across the area of the former channels of the Trout Beck. This would result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0271	Drainage system	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Potential drainage system. The continued agricultural setting of the resource contributes to its historic value.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works would result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0490	Possible Roman features	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0491	Possible Roman ditches east of Kirkby Thore	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour. The historic interest is also derived from its ability to enhance our understanding of rural Romano-British land-use in the region.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0492	Enclosure ditches near Long Marton and north of Crackenthorpe	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour. The historic interest is also derived from its ability to enhance our understanding of rural Romano-British land-use in the region.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0493	Possible Roman enclosure ditches	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour. The historic interest is also derived from its ability to enhance our understanding of rural Romano-British land-use in the region.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0496	Drain	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0497	Medieval ditches	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0498	Linear features	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0499	Linear features	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0500	Probable enclosure system east of Kirkby Thore	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0501	Linear features	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0502	Ditches	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
0405-0513	Geochemical Survey Results	The resource has archaeological interest due to its potential to reveal as yet unknown, surviving archaeological	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential buried archaeology within the Order Limits. Works include the construction of a new offline section of road across the	Major Adverse	Moderate Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		remains relating to previously identified features.			potential buried archaeological remains. Any below ground works will remove associated physical evidence.		(Slight Adverse)
0405-0003	Kirkby Thore Roman Fort and Associated Vicus	The Roman fort Bravoniacum and its associated vicus at Kirkby Thore has architectural, archaeological and historic interest deriving from the visible remains of the rampart, the buried archaeological remains of the fort and vicus, and its potential to increase understanding of past Roman occupation and settlement at Kirkby Thore and the later development of Kirkby Thore village.	The Roman fort Bravoniacum and its associated vicus is located in agricultural fields at the southern end of the of the village of Kirkby Thore. The existing A66 following the route of the Roman Road cuts through the southwest part of the scheduled area, while the modern Main Street of the village bisects the scheduled area north to south. Although the archaeological and structural remains of the fort have been denuded by ploughing in the past, the rampart remains visible as a low but distinct terrace. The spatial association between the Roman fort Bravoniacum and its associated vicus, the route of the Roman Road and the later development of Kirkby Thore village makes a positive contribution to the environmental value of the resource.	High	The fort and vicus are located within the ZVI and immediately adjacent to the Order Limits. The proposed works include the construction of a new offline section of road within the setting of the fort and vicus. Given the distance of the site from the new alignment and the presence of the existing road corridor passing through the site, this would only result in a negligible adverse impact to setting. A small portion of the fort and vicus fall within the Order Limits along the northern edge of the current A66 where the existing National Highways land boundary crosses the historically scheduled area. The works include improvements to the WCHR path alongside the northern edge of the current A66. Any below ground works in areas not previously disturbed will result in the loss of associated physical evidence.	Moderate Adverse	Moderate Adverse (Slight Adverse)
0405-0004	Roman Camp, 350m east of Redlands Bank	The Roman camp located 350m east of Redlands Bank has architectural, archaeological and historic interest deriving from the earthwork remains of the defensive enclosure and traverses, and the cropmarks indicating buried archaeological remains at the site relating to the construction, use and abandonment of the Roman camp.	The Roman camp, which falls into three areas, has both earthwork and cropmark remains is sited parallel and on the south-west side the Roman road between Kirkby Thore and Brough within agricultural fields, on broadly level ground bisected by a steep sided gully. The monument is one of a number of Roman remains located along the route of the Roman road from Kirkby Thore to Brough, including the Kirkby Thore Roman fort and vicus to the north-west and a Roman fortlet to the south east. Taken together these monuments provide insight into the Roman military strategy for the occupation of Britain, and this spatial association makes a positive contribution to the environmental value of the resource.	High	The Roman Camp is located within the ZVI and immediately adjacent to the Order Limits. A small portion of the Roman Camp is located within the Order Limits where the existing National Highways land boundary overlaps the edge of the historically scheduled area. The works include improvements to the WCHR route, an area of verges and earthworks and new hardstanding. Any below ground works in areas not previously disturbed will result in the loss of associated physical evidence.	Moderate Adverse	Moderate Adverse (Slight Adverse)
0405-0169	Geophysical Survey Results	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	The proposed works include the construction of new offline section of road and the alteration of an existing road within the footprint of the potential archaeological feature. This will result in the loss of associated physical evidence.	Major Adverse	Slight Adverse
0405-0170	Geophysical Survey Results	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	The proposed works include the construction of new offline section of road and the alteration of an existing road within the footprint of the potential archaeological	Major Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					feature. This will result in the loss of associated physical evidence.		
0405-0114	Temple Sowerby Rectangular Enclosure	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains which may extend within the Order Limits. The proposed works include the construction of a new offline section of road across the northern end of the potential extent of the cropmarks. This will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
0405-0115	Kirkby Thore Linear Earthwork	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains which may extend within the Order Limits. The proposed works include the construction of a new offline section of road across the southern end of the potential extent of the cropmarks. This will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
0405-0116	Kirkby Thore Unclassified Cropmarks	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains which may extend within the Order Limits. The proposed works include the construction of a new offline section of road across the southern end of the potential extent of the cropmarks. This will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
0405-0119	Dyke at Crackenthorpe	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains partially within the Order Limits. The proposed works include the construction of new offline section of road and improvements to the existing A66 within the footprint of the cropmarks. This will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
0405-0156	Kirkby Thore	The resource holds archaeological and historic interest as due to its potential to illustrate previous iterations of the settlement. Any surviving structural remains may also hold architectural interest.	The rural landscape which surrounds the settlement contributes to its historic interest.	Low	Site of a medieval village and associated field systems partially located within the ZVI and the Order Limits. Works will include the construction of a new offline section of road across the outer edges of the historic village and associated field systems area as defined by the HER and within the setting of the village. Any below ground impacts will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
0405-0172	Aerial photography and LiDAR Evidence - Earthworks	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Earthwork and cropmark archaeological remains partially within the Order Limits. Works include the construction of a pond and access route, a temporary construction compound storage area, and a new offline section of road across the northern area of possible historic field boundaries. Any below ground works in this area would result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0174	Aerial photography and LiDAR Evidence - Earthworks	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Historic field system partially within the Order Limits. Works include the construction of a new offline section of road and environmental mitigation of a mammal tunnel underpass, badger fencing and grassland area across the southern area of the historic field system. Any below ground works in this area would result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
0405-0223	Aerial photography and LiDAR Evidence	The buried archaeological remains have archaeological interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Palaeochannel which is partially located within the Order Limits. Works include the construction of a new offline section of road, the single carriageway realignment of Long Marton, a pond and associated access track ^a and an environmental mitigation grassland area. Below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
0405-0226	Aerial photography and LiDAR Evidence	The buried archaeological remains have archaeological interest derived from their archaeological potential to increase understanding of past land use.	The proximity of the resource to the Trout Beck contributes to its archaeological value.	Low	Palaeochannel which is partially located within the Order Limits. Works include the construction of a new offline section of road, the single carriageway realignment of Long Marton, a pond and associated access track ^a and an environmental mitigation grassland area. Below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
0405-0228	Aerial photography and LiDAR Evidence	The buried archaeological remains have archaeological interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Palaeochannels partially within the Order Limits. Works include the construction of a new offline section of road across the northern end of the feature. This would result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
0405-0471	Kirkby Thore Station (site of)	The resource holds historical interest as an example of local transport infrastructure. Any remaining features associated with the demolished structure would hold archaeological interest.	The resource has been demolished and has no setting.	Low	Site of former railway station within the Order Limits. Works include the construction of a WCHR route and environmental mitigation mixed scrub area. Should any remains associated with the former railway station survives, any below ground works would result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
0405-0005	Roman Fortlet 200m SSE of Castrigg	The Roman fortlet at Castrigg has architectural, archaeological and historic interest deriving from the earthwork remains, cropmarks indicated buried archaeological remains at the site relating to the construction, use and abandonment of the Roman camp including the potential remains of a Roman signal station.	The Roman fortlet at Castrigg is located within an agricultural field with a footpath following the former route of the Roman Road bordering the site to the south. The monument is one of a number of Roman remains located along the route of the Roman road from Kirkby Thore to Brough, including the Kirkby Thore Roman fort and vicus and Roman camp near Redlands Bank to the north west. Taken together these monuments provide insight into the Roman military strategy for the occupation of	High	The Roman fortlet is located within the ZVI and immediately adjacent to the Order Limits. An area of habitat protection lies adjacent to the southern boundary of the scheduled monument, along the route of the current bridleway, however this will not impact the scheduled area. The proposed works include the construction of a new offline section of road closer to the fortlet than the existing A66. Given the distance of the site from the	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			Britain, and this spatial association makes a positive contribution to the environmental value of the resource.		new alignment, this would result in a minor adverse impact.		
0405-0009	Kirkby Thore Hall	Kirkby Thore Hall has architectural and historic interest deriving from its historic connection to the Wharton family, fourteenth century construction and use, and later sixteenth and seventeenth additions and alterations.	Kirkby Thore Hall has been converted to farmhouse use and currently has a farmyard setting to the rear set within open agricultural fields, and approached by a tree lined drive leading from the Main Street.	High	The hall is located partially within the ZVI. The proposed works include the construction of a new offline section of road within the hall's setting. Given the distance of the hall from the proposed road alignment, and local environment, this would result in a minor adverse impact.	Minor Adverse	Slight Adverse
0405-0101	Coach house, Barns, Byres and Entrance arch to north of Spital Farmhouse	The resource holds architectural and historical interest as an example of a local agricultural structure from the 19th century.	The setting of the resource comprises its surrounding farm complex and the immediate surrounding rural landscape.	High	Located within the ZVI and in close proximity to the Order Limits. The proposed works include the construction of a new offline section of road and access routes within the buildings' setting. The completed road would alter the baseline appearance of the road but would not notably alter the contribution of the resource's setting to its value	Minor Adverse	Slight Adverse
0405-0102	Threshing barn and byre to east of Spital Farmhouse	The resource holds architectural and historical interest as an example of a local agricultural structure from the 19th century.	The setting of the resource comprises its surrounding farm complex and the immediate surrounding rural landscape.	High	Located within the ZVI and in close proximity to the Order Limits. The proposed works include the construction of a new offline section of road and access routes within the buildings' setting. The completed road would alter the baseline appearance of the road but would not notably alter the contribution of the resource's setting to its value	Minor Adverse	Slight Adverse
0405-0103	Spitals Farmhouse with Adjoining Stables, Byre, and Gin Gang	The resource holds architectural and historical interest as an example of a local agricultural structure from the 19th century.	The setting of the resource comprises its surrounding farm complex and the immediate surrounding rural landscape.	High	Located within the ZVI and in close proximity to the Order Limits. The proposed works include the construction of a new offline section of road and access routes within the buildings' setting. The completed road would alter the baseline appearance of the road but would not notably alter the contribution of the resource's setting to its value	Minor Adverse	Slight Adverse
0405-0177	Aerial photography and LiDAR Evidence - Earthworks	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	The agricultural landscape which continues to surround the field boundaries contributes to its historic interest.	Low	Former field boundaries with the southern boundary located within the Order Limits. The works include an environmental mitigation grassland area bordering the southern edge of the field. Any below ground works in this area may result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse
0405-0189	Aerial photography and LiDAR Evidence - Earthworks	The resource holds historic and archaeological interest as a remnant of historic transport infrastructure.	The landscape which surrounds the trackway has shaped its form and route, thus contributing to its historic interest.	Low	Buried archaeological remains with a very small amount of the northern end located within the Order Limits. The works include a construction compound storage area across the very northern top of this long linear	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					feature. This would result in the loss of associated physical evidence at this location.		
0405-0190	Aerial photography and LiDAR Evidence - Earthworks	The resource holds historic and archaeological interest as a remnant of historic transport infrastructure.	The landscape which surrounds the trackway has shaped its form and route, thus contributing to its historic interest.	Low	Buried archaeological remains with a small amount of the southern end of the feature located within the Order Limits. Works include the creation of an environmental mitigation grassland area. Below ground works will result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse
0405-0472	Sleastonhow	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Site of former farmstead partially within the ZVI. Works include the construction of a new offline section of road within the setting of the former farmstead. However, the current vegetation provides screening.	Minor Adverse	Slight Adverse
0405-0474	Powis House	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Historic farm buildings within the ZVI and adjacent to the Order Limits. Works include the construction of a new offline section of road within the setting of the historic farmstead.	Minor Adverse	Slight Adverse
0405-0001	Farmstead 700 yards NNW of Redlands Bank	The cropmark and enclosure has archaeological and historic interest deriving from their nature as buried archaeological remains and relating to the enclosure's past construction, use and abandonment and environmental deposits relating to the use of the surrounding landscape.	The cropmark and enclosure is located in a rural agricultural field setting close to the route of the Roman Road and in proximity to the broadly contemporary Roman temporary camp located 850m to the south-east. Taken together the monuments provide insight into the relationship between native settlement and Roman military fortifications during the Roman occupation of Britain, and this spatial association makes a strong positive contribution to the environmental value of the resource.	High	The cropmark and enclosure is located within the ZVI. The proposed works include the construction of a new offline section of road within the site's vicinity. Given the distance of the site from the new alignment and the presence of the existing road corridor in views, and that the relationship between the enclosure and the Roman camp at Redlands Bank would not be interrupted, this would result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0006	Church of St Margaret and St James	The Parish Church of St Margaret and St James has architectural, archaeological and historic interest deriving from its Early Medieval construction and use, which was incorporated into the later twelfth, fifteenth and sixteenth century construction and additions and the nineteenth century restoration work. The siting, construction and use of the parish church has potential to increase understanding of the local and regional spread of early Christianity.	The Parish Church of St Margaret and St James is located within a churchyard setting enclosed within stone walls and which is fully tree lined to the east and west but not to the south where there are views southwards across the agricultural landscape and the River Eden valley especially from the twelfth century church tower at the south end of the church. The enclosed churchyard setting and southwards views make a positive contribution to the environmental value of the resource.	High	The proposed works include the construction of a new offline section of road to the south of the church within the view from the church and churchyard. Given the distance of the church from the proposed alignment, this would only result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0008	Church of St Michael	The Parish Church of St Michael has architectural, archaeological and historic interest deriving from its twelfth century construction and use. The siting, construction and use of the parish church has potential to increase understanding of	The Parish Church of St Margaret and St James is located within an enclosed churchyard setting, with the churchyard surrounded by stone walls and hedges, and encircled by trees. The enclosed churchyard setting makes a positive contribution to the environmental value of the resource.	High	The church is mainly screened from the project, aside from the west tower which lies within the ZVI. The proposed works include the construction of a new offline section of road within the church's setting. Given the distance of the church from the proposed	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		the local and regional Medieval Christian church.			road alignment, and local environment, this would result in a minor adverse impact.		
0405-0010	Mount Pleasant Farmhouse, cottage and attached cart shed	Mount Pleasant farmhouse, cottage and attached cart shed has architectural and historic interest deriving from their 1788 construction and use, and provides an example of vernacular farming architecture.	Mount Pleasant farmhouse, cottage and attached cart shed is located within a hedge and tree lined garden within an enclosed village setting, surrounded by a mix of older village buildings and modern housing development, with views southward from the front of the farmhouse across agricultural fields towards Kirkby Thore Hall.	High	The farmhouse is located within the ZVI. The proposed works include the construction of a new offline section of road within the farmhouse's ZVI. The distance of the farmhouse from the proposed road alignment, and its location within the village environment will reduce the impacts.	Negligible Adverse	Slight Adverse
0405-0045	Wall to village pound and old fire engine house within; north west of Foresters' hall	The village pound and old fire engine house have architectural and historic interest deriving from their late eighteenth century construction and use, and later alterations and adaptations, and an example of a village pound.	The village pound has a central roadside location within Kirkby Thore village. Its enclosed village setting makes a positive contribution to the environmental value of the resource.	High	Located within the ZVI. The works include the construction of a new offline section of road within the resource's setting. Given the distance of the resource from the works and the visual screening provided by the resource's setting within the village, this would result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0046	Stone Cottage	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. The works include the construction of a new offline section of road within the cottage's setting. Given the distance of the cottage from the road and the presence of the existing road corridor in views, this would result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0047	Milestone to north east of Crackenthorpe Hall	The resource holds architectural and historic interest as a surviving example of local transport infrastructure during the 18th century.	The relationship between the resource and the A66 corridor contributes to its historic interest.	High	The milestone is located within the Order Limits. The completed road would slightly alter the baseline appearance of the road but, provided the milestone is either left in situ or reinstated as close as practicable to its original location, it would not alter the contribution of the resource's setting to its value.	Negligible Adverse	Slight Adverse
0405-0048	Clickham Farmhouse	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	High	The farmhouse is located within the ZVI. The works include the construction of a new offline section of road within the farmhouse's setting. Given the distance of the farmhouse from the road and the presence of the existing road corridor, this would only result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0070	Edendale House	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Temple Sowerby and its immediate rural environs.	High	The house is located partially within the ZVI. The village setting and proximity to the current A66 will reduce the impact.	Negligible Adverse	Slight Adverse
0405-0076	Cottage granary to west of Mount Pleasant Farmhouse	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. The proposed works include the construction of a new offline section of road within the cottage's setting. Given the distance of the cottage from the road and its location within the village of	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					Kirkby Thore, this would result in a negligible adverse impact.		
0405-0077	Thornercroft	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. The works include the construction of a new offline section of road within the setting of the house. Given the distance of the house from the scheme and its location within the village of Kirkby Thore, this would result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0078	Foresters' Hall	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. The works include the construction of a new offline section of road within the hall's setting. Given the distance of the hall from the road and its location within the village of Kirkby Thore, this would only result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0079	Gateposts, walls and railings in front of Oak Tree House, Main Street	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises Main Street and the historic village core of Kirkby Thore.	High	Located within the ZVI. The works include improvements to the existing cycle route along the route of the existing A66. Works will also include the construction of a new offline section of road within resource's setting. Given the presence of the existing A66 road corridor in views, and the resource's location on the far side of the village of Kirkby Thore from the new offline section of road, this would only result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0080	Oak Tree House	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. The works include improvements to the existing cycle route along the route of the existing A66. Works will also include the construction of a new offline section of road within resource's setting. Given the presence of the existing A66 road corridor in views, and the resource's location on the far side of the village of Kirkby Thore from the new offline section of road, this would only result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0129	Chapel Hill Enclosure and Lynchets, Crackenthorpe	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains partially within the Order Limits. The proposed works include improvements to the existing A66 and an area of natural grassland environmental mitigation along the northern edge of the existing A66. This will result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
0405-0138	Kirkby Thore Enclosed Settlement & Field System	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential	The continued agricultural use of the landscape surrounding the resource contributes to its historic interest.	Medium	This is a record of a prior archaeological investigation located partially within the Order Limits. Works along the western edge of the	Minor Adverse	Slight Adverse (Neutral)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		to increase understanding of past land use.			feature include an environmental mitigation area of grassland planting and a temporary topsoil, laydown and/or storage construction compound area. Although archaeological evaluation at the site in 2019 only found one archaeological feature, further buried archaeological remains may survive at the site. Any below ground works will result in the loss of associated physical evidence.		
0405-0152	Crackenthorpe Medieval Village	The resource holds archaeological and historic interest as due to its potential to illustrate previous iterations of the Crakenthorpe settlement. Any surviving structural remains may also hold architectural interest.	The rural landscape which surrounds the settlement contributes to its historic interest.	Low	Remains of a shrunken medieval village partially within both the Order Limits and the ZVI. Works will include the incorporation of an existing track and a proposed bridleway within the area of the shrunken medieval village. Any below ground works would impact associated physical evidence. Works will also include the construction of a new offline section of road within the setting of the shrunken medieval village. Given the distance of the site from the road and the presence of the existing road corridor in views, this will result in a negligible adverse impact.	Minor Adverse	Slight Adverse (Neutral)
0405-0175	Aerial photography and LiDAR Evidence - Earthworks	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Remains of indistinct banks partially within the Order Limits. Works include a temporary construction compound storage area. Any below ground works in this area would result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
0405-0188	Boundary	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	The agricultural landscape which continues to surround the field boundaries contributes to its historic interest.	Low	Buried archaeological remains with a small amount of the north western corner located within the Order Limits. Works at this location include a barn owl environmental mitigation area. Any below ground impacts will result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
0405-0201	Aerial photography and LiDAR Evidence - Earthworks	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	The nearby Romano-British fortlet and Roman Road may contribute to the historic interest of the resource if a link is proven between the resources.	Low	Buried archaeological remains with the northern edge located within the Order Limits. The works include areas of grassland environmental mitigation. Any below ground works would result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
0405-0219	Aerial photography and LiDAR Evidence	The buried archaeological remains have archaeological interest derived from their archaeological potential to increase understanding of past land use.	The proximity of the resource to the Trout Beck contributes to its archaeological value.	Low	Palaeochannel which is partially located within the Order Limits. The proposed works include improvements to the current track across the eastern areas of the former channels of the Trout Beck and environmental mitigation channel crossing the western area of the former channels of	Minor Adverse	Slight Adverse (Neutral)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					the Trout Beck. This would result in the loss of associated physical evidence.		
0405-0220	Aerial photography and LiDAR Evidence	The buried archaeological remains have archaeological interest derived from their archaeological potential to increase understanding of past land use.	The proximity of the resource to the nearby Roman Camp contributes to its archaeological value.	Medium	Palaeochannel which is partially located within the Order Limits. The works include hedgerow enhancement along the current field boundaries. This is unlikely to impact on remains or hill wash within gully bisecting camp, but any below ground works extending within this area would result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
0405-0224	Aerial photography and LiDAR Evidence	The buried archaeological remains have archaeological interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Palaeochannel which is partially located within the Order Limits. Works include hedgerow enhancement along the current field boundaries, one of which crosses the northern end of the feature. Any below ground works extending within this area would result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
0405-0225	Aerial photography and LiDAR Evidence	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains partially within the Order Limits. Works include a service diversion, a temporary construction compound storage area and a WCHR route. This would result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse (Neutral)
0405-0236	Kirkby Thore Cropmark Complex	The buried archaeological remains have archaeological and historic interest derived from their archaeological potential to increase understanding of past land use.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains located partially within the Order Limits. Works will include the realignment of Sleastonhow Lane along the northern edge of the area of buried archaeological remains. Any below ground impacts in this area will remove associated physical evidence and result in an adverse physical impact.	Minor Adverse	Slight Adverse (Neutral)
0405-0108	Temple Sowerby	The resource has architectural, archaeological and historic interest derived from its origins as a medieval village, preserving the local, post-medieval architectural vernacular and earlier alignment of the settlement which hugs the route of the B6412.	The setting of the resource comprises the historic field systems to the east and west of the village and wider agricultural landscape, both of which contribute to its historic interest.	Medium	The Temple Sowerby Conservation Area is located partially within the ZVI, with dispersed areas only where there may be visibility of the project. There may be some locations where the Project may be visible, but given the distance of the Conservation Area from the road and the presence of the existing road corridor, this would only result in negligible adverse impacts.	Negligible Adverse	Neutral
0405-0109	Appleby	The resource has architectural, archaeological and historic interest derived from its origins as a medieval village, preserving the local, post-medieval architectural vernacular and	The Conservation Area lies in the centre of the town surrounded by 20th century urban expansion. The modern town of Appleby forms its setting but does not contribute to its value.	Medium	The Appleby Conservation Area is located partially within the ZVI, with dispersed areas only where there may be visibility of the project. There may be some locations where the project may be visible, but given the distance of the Conservation Area from the	Negligible Adverse	Neutral

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		earlier alignment of the settlement which hugs the historic route of The Street.			road and the presence of the existing road corridor, this would only result in negligible adverse impacts.		
0405-0110	Settle - Carlisle Railway	The resource has architectural, archaeological and historic interest as a protected area demarking the route of a piece of 19th century transport infrastructure.	The setting of the resource is varied as it traverses the terrain of the North Pennine foothills and the Eden valley floor. The nature and topography of its setting dictated the route and style of its construction and therefore contributes to its historic interest.	Medium	A very small area of this long linear Conservation Area is located within the Order Limits where the Conservation Area crosses over the existing A66 alignment on a bridge. No works will be undertaken to the existing A66, the overbridge or the Settle-Carlisle Railway Conservation Area at this location. The proposed works include the construction of a new offline section of road within the railway's setting, but only in certain locations along its full length. Given the low scale of impact upon the railway as a whole, its transport form and function, and the presence of the existing road corridor in views, this would only result in a negligible adverse impact.	Negligible Adverse	Neutral
0405-0165	North Eden Railway / North Eastern Railway, Darlington Section, Eden Valley Branch	The resource hold historic interest as a remnant of 19th century transport infrastructure. Any surviving remains would have archaeological interest but there is no indication these are present.	The resource has been removed and has no setting.	Low	The alignment of a former railway partially within the Order Limits. Works will include the construction of a new offline section of road along sections of the former railway alignments. Any below ground works will result in the loss of associated physical evidence. However, many of the sections of the former alignment which fall within the Order Limits also correspond to the existent A66 where there would be no further impact.	Negligible Adverse	Neutral
0405-0166	Temple Sowerby Railway Station	The resource holds historic and architectural interest as a surviving example of 19th century transport infrastructure.	The proximity of the resource to the village of Temple Sowerby contributes to its historic value.	Low	Former railway station buildings within the ZVI. Works will include the construction of a pond and access track and an environmental mitigation grassland area within the setting of the former railway station buildings. Given the existent A66 within the present setting and the distance of the site from the road, this would result in a negligible adverse impact.	Negligible Adverse	Neutral
0405-0167	Kirkby Thore Railway Station	The resource hold historic interest as a remnant of 19th century transport infrastructure. Any surviving remains would have archaeological interest but there is no indication these are present.	The resource has been removed and has no setting.	Negligible	The site of a former railway station demolished in 1974 partially located within the Order Limits. Works will include the creation of a WCHR route and the creation of environmental mitigation grassland areas. Below ground works will result in the loss of any associated physical evidence.	Negligible Adverse	Neutral
0405-0461	Skygarth	The resource holds historic and architectural interest as a surviving example of agricultural architecture.	The Skygarth farm complex comprises the immediate setting of the resource, with the	Low	Located within the ZVI. Works include the construction of a pond and associated	Negligible Adverse	Neutral

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			surrounding rural landscape also contributing to its historic value as part of the resource's setting.		access track, a WCHR route, and an environmental mitigation grassland area.		
0405-0465	Lowmoor Row (& well)	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the additional buildings within the hamlet and the rural landscape which immediately surrounds it. These both contribute to the historic interest of the resource.	Low	Historic cottages located within the ZVI and adjacent to the Order Limits. Works include the construction of a new offline section of road within the setting of the historic cottages.	Negligible Adverse	Neutral
0405-0466	Former Horse & Jockey Public House	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the additional buildings within the hamlet, the A66 itself, and the rural landscape which immediately surrounds it. These both contribute to the historic interest of the resource.	Low	Historic pub located within the ZVI and adjacent to the Order Limits. Works include the construction of a new offline section of road within the setting of the historic pub.	Negligible Adverse	Neutral
0405-0467	Former Oldfellows' Arms Public House	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the A66, which provides a rationale for its location, and the rural landscape which immediately surrounds it. These both contribute to the historic interest of the resource.	Low	Historic pub located within the ZVI and adjacent to the Order Limits. Works include the construction of a new offline section of road within the setting of the historic pub.	Negligible Adverse	Neutral
0405-0468	Kelk House	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Site of a former farmhouse within the ZVI and adjacent to the Order Limits. Works include the construction of a new offline section of road within the setting of the former farmhouse.	Negligible Adverse	Neutral
0405-0476	Outbuildings at Marton Lane End	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Historic farm buildings within the ZVI and adjacent to the Order Limits. Works include the construction of a new offline section of road within the setting of the historic farmstead.	Negligible Adverse	Neutral
0405-0481	Brockham (Elephant Inn)	The resource holds architectural and historical interest as an example of a historic public house.	The rural, roadside setting of the resource contributes to its historic value.	Low	Historic buildings within the ZVI and adjacent to the Order Limits. Works include the construction of a new offline section of road within the setting of the historic building.	Negligible Adverse	Neutral

Appleby to Brough

8.10.4.7 A total of 51 heritage resources located within the study area and ZVI of this scheme would receive a permanent construction effect. Of these, seven would be significant.

Table 13: Appleby to Brough permanent construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
06-0227	Roman trackway and associated features	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour. The historic interest is also derived from the ability to enhance our understanding of rural Romano-British land-use in the region as well as the development and expansion of the Roman road network.	Setting does not contribute to the environmental value of the buried archaeological remains.	Medium	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Below ground works will result in the loss of associated physical evidence.	Major Adverse	Large Adverse (Moderate Adverse)
06-0228	Prehistoric features north of Warcop	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of human activity and settlement during the Prehistoric periods.	Setting does not contribute to the environmental value of the buried archaeological remains.	Medium	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Below ground works will result in the loss of associated physical evidence.	Major Adverse	Large Adverse (Moderate Adverse)
06-0003	Warcop Roman Camp And Length Of Roman Road, 285m South West Of Moor House	Warcop Roman Camp has architectural, archaeological and historic interest deriving from its surviving earthworks and buried archaeological remains at the site relating to the construction, use and abandonment of the Roman camp as well as the potential to increase understanding of past Roman occupation and settlement at Warcop.	Warcop Roman Camp, including the buried remains of the camp together with the earthworks and buried remains of a 200m length of Roman road running along the south side of the camp, is located within modern agricultural fields on the gentle south-facing slope of a spur which descends gradually to the south east with the existing route of the A66 bounding the site to the south. The spatial association with the Roman Road makes a positive contribution to the environmental value of the resource.	High	Warcop Roman Camp is located within the ZVI and partially within the Order Limits. The works include the construction of a new offline section of road within the camp's boundary. Any below ground works will remove associated physical evidence, resulting in a moderate adverse impact. The proposed works include the construction of a new offline section of road within the camp's setting. Given the presence of the existing road corridor adjacent to the camp, this would result in a minor adverse impact.	Moderate Adverse	Large Adverse (Moderate Adverse)
06-0078	Sandford Moor Barrow, Sandford, Warcop	The resource has historic interest due to its potential to shed light on burial practices from the prehistoric period. Should any archaeological material remain then this would hold archaeological interest.	The resource is no longer extant and does not have a setting.	Medium	Buried archaeological remains within the Order Limits. The works include the widening of the A66 along the existing route. Although the survival of the barrow is uncertain, and was likely excavated in 1776, if remains of the barrow are extant any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Moderate Adverse)
06-0079	Sandford Ring Cairn Site	The resource has historic interest due to its potential to shed light on burial practices from the prehistoric period. Should any archaeological material remain then this would hold archaeological interest.	The resource is no longer extant and does not have a setting.	Medium	Buried archaeological remains within the Order Limits. The proposed works include environmental mitigation in the form of woodland habitat creation. Although the survival of the ring cairn is uncertain, if any buried remains are extant, any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Moderate Adverse)
06-0080	Sandford Moor Barrow, Flint Find	The resource has historic interest due to its potential to shed light on burial practices from the prehistoric period. Should any	The resource is no longer extant and does not have a setting.	Medium	The HER records the barrow as being located within the Order Limits, although the barrow was not apparent in the 2020 aerial photography and	Major Adverse	Moderate Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		archaeological material remain then this would hold archaeological interest.			LiDAR or Geophysical Surveys. The barrow is recorded as having been opened. The present A66 would have removed surviving evidence within the groundworks footprint and impact depth, and a watching brief at the site did not record any evidence. Works include the widening of the A66 along the existing route. Any surviving evidence would be removed within the footprint of earthworks for the project.		(Moderate Adverse)
06-0081	Sandford Moor Barrow	The resource has historic interest due to its potential to shed light on burial practices from the prehistoric period. Should any archaeological material remain then this would hold archaeological interest.	The resource is no longer extant and does not have a setting.	Medium	The HER records these barrows as being located within the Order Limits, however they were not visible in 1972 or 1995 and were not apparent in the 2020 AP/LiDAR or Geophysical surveys. Works include the widening of the A66 along the existing route. Any surviving evidence would be removed within the footprint of earthworks for the project.	Major Adverse	Moderate Adverse (Moderate Adverse)
06-0108	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. The works include the construction of a new offline section of road across the northern end of the earthwork, and an environmental mitigation grassland area. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0111	Cropmark	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. The works include an environmental mitigation area of woodland habitat creation and enhancement. Below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0115	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. The works include the construction of a new offline section of road, a pond and associated access route and an environmental mitigation grassland area. This will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0116	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Old drainage system within the Order Limits. The works include an environmental mitigation grassland area. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0118	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. The works include the construction of a new offline section of road, a flood storage area and an environmental mitigation grassland area across the buried remains. This will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
06-0145	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting comprises of the surrounding agricultural landscape. This contributes to its historic interest.	Low	Buried archaeological remains within the Order Limits. The works include the construction of a new offline section of road and associated cutting and an environmental mitigation grassland area. This will result in loss of physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0209	Walls and gateway to Toddygill Hall	The gateway and stone walls have historic and architectural interest due to their association with the Toddygill Hall complex and their nineteenth century date.	The resource fronts onto the current route of the A66 to the south and marks the access point to the surrounding agricultural and domestic estate at Toddygill Hall, all of which comprise the resource's setting and contributes to its architectural and historic interest. The close association with the A66 also contributes to its historic interest.	Low	Boundary wall and gateway within the Order Limits. Works include the construction of a new offline section of road across the boundary wall and gateway. This will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0212	Lone Building (site of)	The resource holds historic interest as a record of a historic structure.	The resource has no physical presence within the landscape and therefore has no setting.	Negligible	Site of former historic building within the Order Limits. Works include an environmental mitigation grassland area. If any of the former historic building survives, this will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0226	Possible Roman features to the west of Warcop	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour. The historic interest is also derived from its ability to enhance our understanding of rural Romano-British land-use in the region.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0229	Roman earthworks	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour. The historic interest is also derived from its ability to enhance our understanding of rural Romano-British land-use in the region.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0231	Undated earthworks to the west of Warcop	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0232	Undated earthworks	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Setting does not contribute to the environmental value of the buried archaeological remains.	Low	Buried archaeological remains within the Order Limits. Works include the construction of a new offline section of road. Below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
06-0114	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Negligible	Probably modern drainage system within the Order Limits. The works include the construction of a new offline section of road, a pond and associated access route and an environmental mitigation grassland area. This will result in the loss of associated physical evidence.	Major Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
06-0202	Sluice (site of)	The site of the former sluice has archaeological and historic interest deriving from its location at the head of the Mill Race on the Hayber Beck and its historic association with the Warcop Corn Mill.	The site of the former sluice is located at the head of the Mill Race on the Hayber Beck and has a historic association with the Warcop Corn Mill.	Low	Site of former sluice within the Order Limits. Works include the construction of a new offline section of road. If any of the former sluice survives, this will result in the loss of associated physical evidence.	Major Adverse	Slight Adverse
06-0217	Small regular enclosure (site of)	This resource has archaeological and historic interest as it contains evidence relating to past agricultural activity.	This resource is surrounded by arable fields, which contributes to its historic interest.	Low	Site of former sheep fold within the Order Limits. Works include an environmental mitigation grassland area. If any remains of the former sheep fold survive, this will result in the loss of associated physical evidence.	Major Adverse	Slight Adverse
06-0103	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains partially within the Order Limits. The proposed works include the construction of a new offline section of road across the earthwork. This will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
06-0104	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains located partially within the Order Limits. The works include the construction of a new offline section of road across the northern end of the earthwork. This will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
06-0112	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains located partially within the Order Limits. The works include the construction of a new offline section of road and underpass providing access to MOD and agricultural land and an environmental mitigation grassland area. Below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
06-0140	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting comprises of the surrounding agricultural landscape. This contributes to its historic interest.	Low	Buried archaeological remains located partially within the Order Limits. The works include the construction of a new offline section of road along the northern edge of the field system and area of ridge and furrow, as well as a pond and associated access route. Any below ground works will result in loss of physical evidence.	Moderate Adverse	Slight Adverse
06-0148	Earthwork - Cropmark	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting comprises of the surrounding agricultural landscape. This contributes to its historic interest.	Low	Buried archaeological remains located partially within the Order Limits. The works include the construction of a new offline section of road along the northern edge of the area of former field boundaries, a pond and associated access route at the north western and south eastern ends of the feature. This will result in the loss of physical evidence.	Moderate Adverse	Slight Adverse
06-0154	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting comprises of the surrounding agricultural landscape. This contributes to its historic interest.	Low	Buried archaeological remains located partially within the Order Limits. The works include the creation of a new offline section of road, a temporary construction compound storage area, a pond and associated access route, and an	Moderate Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					environmental mitigation woodland area across the area of former field boundaries. This would result in the loss of physical evidence.		
06-0220	Domestic property adjacent to junction with B6276	The historic building with later alterations has architectural and historic interest derived from its pre-1841 construction and use.	The historic building with later alterations is set within rural agricultural fields adjacent to the A66. The agricultural setting makes a positive contribution to the environmental value of the resource.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road, a new farm accommodation and overbridge for WCHR route, a left-only T-junction with appropriate diverge and merge tapers on the westbound carriageway and an environmental mitigation grassland area within the setting of the resource.	Moderate Adverse	Slight Adverse
06-0123	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting comprises of the surrounding agricultural landscape. This contributes to its historic interest.	Low	Buried archaeological remains located partially within the Order Limits. The works include the construction of a new offline section of road, a pond and associated access route and an environmental mitigation grassland area across part of this long linear feature	Minor Adverse	Slight Adverse
06-0143	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting comprises of the surrounding agricultural landscape. This contributes to its historic interest.	Low	Buried archaeological remains with the southern edge located within the Order Limits. The works include an environmental mitigation grassland area. Any below ground works will result in loss of physical evidence.	Minor Adverse	Slight Adverse
06-0147	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting comprises of the surrounding agricultural landscape. This contributes to its historic interest.	Low	Buried archaeological remains located partially within the Order Limits. The works include the creation of an environmental mitigation grassland area. Any below ground works will result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse
06-0210	Toddygill Hall (formerly)	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The setting of the resource comprises of the other buildings within the surrounding historic farm complex (including 06-0211) and the surrounding agricultural landscape, both contributing to the historic interest of the resource.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road within the setting of the historic building.	Minor Adverse	Slight Adverse
06-0211	Eastfield Yet	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The setting of the resource comprises of the other buildings within the surrounding historic farm complex (including 06-0210) and the surrounding agricultural landscape, both contributing to the historic interest of the resource.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road within the setting of the historic building.	Minor Adverse	Slight Adverse
06-0219	Mains House	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for	This resource's setting is a largely rural and actively agricultural landscape, which contributes to its historic interest.	Low	Historic building within the Order Limits. Works include an environmental mitigation grassland area adjacent to Mains House and the construction of a new offline section of road and a new farm accommodation and overbridge for WCHR route within the setting of the resource.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		evidence relating to Post Medieval domestic and agricultural activity.					
06-0084	West View, Brough Lynchets	The former lynchets have archaeological and historic interest deriving from their earthwork construction and potential to increase understanding of past water management and agricultural practices.	The former lynchets are no longer extant and do not have a setting.	Negligible	Site of former earthworks within the Order Limits. The works include the construction of a pond and associated access route. Although the site of former earthworks appears destroyed, if there are any extant remains, below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Neutral
06-0090	Mains Riggs Field System, Brough	The Mains Riggs field system has archaeological and historic interest deriving from the remaining traces of s-shaped ridge and furrow, and probable nature as part of the old Demesne field strips.	The Mains Riggs field system is located in an agricultural field setting associated with Mains Riggs farm. Originally three fields, High Mains, Long Mains and Great Mains, the fields have been re-seeded and any ridge and furrow was recorded in 1984 as appearing to have been ploughed out. The field system's spatial association with the farm and the former field boundaries makes a positive contribution to the environmental value of the resource.	Low	Buried archaeological remains with the eastern edge within the Order Limits. Works include the construction of an access route across the eastern edge of the ploughed out former ridge and furrow. If any earthworks survive, below ground works at this location will result in the loss of associated physical evidence.	Negligible Adverse	Neutral
06-0092	Walk Mill High Bridge, Warcop	The resource holds architectural and historic interest as historic bridge and potentially archaeological value as the site of previous historic crossing points.	The primary setting of the resource comprises Moor Beck and the present route of the A66; these both contribute to its historic interest. There are views from the bridge over the surrounding, open agricultural farmland which forms its wider setting.	Low	Walk Mill High Bridge carrying the existing A66 over Hayber Gill is located within the Order Limits. The works include the construction of a new offline section of road within the bridge's setting, while the bridge and this section of the existing A66 will remain in situ. Given that the bridge serves the existent A66 this would only result in a negligible adverse impact.	Negligible Adverse	Neutral
06-0094	Warcop Walk Mill, Warcop	The resource holds architectural and historic interest as a surviving example of 18th century industrial architecture.	The setting of the resource comprises the associated surviving mill race channels, Moor Beck and the historic mill grounds surrounding the structure. Both contribute to its historic value.	Low	Walk Mill building located within the ZVI. The proposed works include the construction of a new offline section of road within the mill's setting. Given the presence of the existing road corridor being between the mill and the project, and the anticipated diversion of traffic to a further distance on the new alignment, this would only result in a negligible adverse impact	Negligible Adverse	Neutral
06-0095	Warcop Railway Station	The resource holds architectural and historic interest as an example of mid 19th century railway architecture and transport infrastructure.	The setting of the resource comprises the (now) Eden Valley Railway and all surviving associated railway infrastructure, which contributes to its historic value.	Low	Warcop Railway Station is located within the ZVI. The works include the construction of a new offline section of road within the station's setting. This will be slightly closer to the station than the existent road. Given the railway related nature of the resource and the presence of the existing road corridor, this would only result in a negligible adverse impact	Negligible Adverse	Neutral
06-0096	Demesne Barns, Helbeck	The resource holds architectural and historic interest as an example of post-medieval agricultural architecture.	The resource's setting is formed by the clearly demarked land parcel within which the structures are sited. Its wider setting is formed by the surrounding agricultural landscape, formerly part of Helbeck Manor.	Low	Barns located within the ZVI. The works include the widening of the existing road, southwards shift of its alignment and the construction of a new offline section of road within the barn's setting. This will move part of the A66 slightly further from	Negligible Adverse	Neutral

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					the barn. Given the presence of the existing road corridor this would only result in a negligible adverse impact.		
06-0099	The Gatehouse Toll House, Musgrave	The resource holds architectural and historic interest as an example of mid 18th century local vernacular architecture.	The resource is closely associated with the former Turnpike Road, now the A66. This forms its primary setting and contributes to its historic value.	Low	Tollhouse located within the ZVI. The works include the construction of a new offline section of road within the toll house's setting. This will move the alignment of the road further from the toll house. Given the nature of the resource and the presence of the existing road corridor, this would only result in a negligible adverse impact.	Negligible Adverse	Neutral
06-0100	North Eden Railway / North Eastern Railway, Darlington Section, Eden Valley Branch	The resource holds architectural and historic interest as an example of mid 19th century transport infrastructure.	The current setting of the resource does not contribute to its value. It is not visible within the landscape.	Low	The works for the project fall within the railway line's setting, with stanches of the road moving closer to the line. Given the nature and scale of the resource and the presence of the existing road corridor, this would only result in a negligible adverse impact	Negligible Adverse	Neutral
06-0102	Church Brough Conservation Area	Church Brough Conservation Area has architectural, archaeological and historic interest deriving from its association with the eleventh century Brough Castle, its role as a historic planned village, the arrangement of its buildings around a market square and maypole, and the significant archaeological and historic resources it contains, such as the Parish Church of St Michael's, the nearby Brough Castle and the remains of the Roman fort and vicus at Brough.	Church Brough Conservation Area is located in close proximity to Brough Castle and the remains of the Roman fort and vicus at Brough, with Swindale Beck and Augill Beck bordering the village on the north with the A66 located beyond. The village setting and historic association with Brough Castle, the Roman fort and vicus at Brough and the former route of the Roman Road make a positive contribution to the environmental value of the resource.	Medium	A small part of the Conservation Area is located within the ZVI. The works include the construction of a new offline section of road to the south of the existent A66. This will bring the A66 closer to the Conservation Area. However, the distance from the project and existent roads in the vicinity will reduce the impact.	Negligible Adverse	Neutral
06-0134	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting comprises of the surrounding agricultural landscape. This contributes to its historic interest.	Low	Buried archaeological remains located mainly beyond the Order Limits, with a small portion of the northern edge of the feature within the Order Limits. The works include an environmental mitigation grassland area. Any below ground works will result in loss of physical evidence.	Negligible Adverse	Neutral
06-0144	Earthwork - Cropmark of Quarry	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Site of former quarry mostly located beyond the Order Limits. The works include an environmental mitigation grassland area across the tip of the southern corner of the feature. Any below ground works will result in loss of physical evidence.	Negligible Adverse	Neutral
06-0146	Earthwork	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting comprises of the surrounding agricultural landscape. This contributes to its historic interest.	Low	Buried archaeological remains with the southern edge located within the Order Limits. The works include an environmental mitigation grassland area. Any below ground works will result in the loss of associated physical evidence.	Negligible Adverse	Neutral
06-0192	Platts	The resource holds architectural and historic interest as a surviving example of the local historic architectural vernacular of domestic and agricultural buildings.	The resource's setting is the complex and land parcel which surrounds the structure and the wider agricultural landscape, both of which contribute to its historic value.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road, several ponds and associated access routes, and	Negligible Adverse	Neutral

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					an environmental mitigation grassland area within the setting of the historic building.		
06-0193	Dyke Nook	The resource holds architectural and historic interest as a surviving example of the local historic architectural vernacular of domestic and agricultural buildings.	The resource's setting is the farm complex which surrounds the structure and the wider agricultural landscape, both of which contribute to its historic value.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road, several ponds and associated access routes, and an environmental mitigation grassland area within the setting of the historic building.	Negligible Adverse	Neutral
06-0213	Broomrigg End	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity as well as possible palaeoenvironmental evidence due to the farmstead's proximity to the Lowgill Beck.	The setting of the resource comprises of the other buildings within the surrounding historic farm complex and the surrounding agricultural landscape, both contributing to the historic interest of the resource. The course of the Lowgill Beck to the immediate south-east of the resource contributes to its archaeological interest.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road, several ponds and associated access routes, and an environmental mitigation grassland area within the setting of the historic building.	Negligible Adverse	Neutral
06-0215	Turk's Head	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The resource's setting comprises a semi-enclosed yard that separates the domestic property from the current route of the A66 immediately to the south and consists of open land to the north. Its location amidst agricultural fields contributes to its historic and archaeological interest and its close association with the A66 also contributes to its historic interest.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road, several ponds and associated access routes, and an environmental mitigation grassland area within the setting of the historic building. The completed Project will move the alignment of the A66 road further from the resource.	Negligible Adverse	Neutral

Bowes Bypass

8.10.4.8 A total of 32 heritage resources located within the study area and ZVI of this scheme would receive a permanent construction effect. Of these, three would be significant .

Table 14: Bowes Bypass Permanent construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0015	Stone Bridge Farmhouse	The resource holds architectural and historic interest as a surviving example of a 19th century farm complex.	The Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass will be constructed immediately north of the Stone Bridge Farmhouse group (which also includes 07-0016 and 07-0032). The farmhouse group is located immediately south of the former course of the Street, but which is now partially screened from view of the Bowes Bypass, which is further north, by a band of trees. The immediate setting of the resource is formed by the other buildings within the farm complex (including 07-0016 and 07-0032), whilst views across the surrounding farmland to the south, east and west of the group and this agricultural setting make a positive contribution to the value of the historic	High	The construction of the Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass would involve the permanent addition of the new junction and slip road embankment to the setting of the farmhouse group. This will result in a new industrial element being introduced in views to the east of the resource, resulting in a partial disconnection of the farm group from its farmland setting and also a change in the historic topography and character of the area. The proposed removal of some or all of the trees which partially screen the resource from the existing A66 corridor will result in both clearer views to the enhanced Bowes Bypass and to the access road to the	Moderate Adverse	Moderate Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			interest of the group due to the historic link between farm and farmland.		new slip road to the East Bowes Accommodation Access Overpass.		
07-0016	Loose boxes, 5 metres east of Stone Bridge farmhouse	The resource holds architectural and historic interest as a surviving example of a 19th century agricultural infrastructure.	The Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass will be constructed immediately north of the Stone Bridge Farmhouse group (which also includes 07-0015 and 07-0032). The farmhouse group is located immediately south of the former course of the Street, but which is now partially screened from view of the Bowes Bypass, which is further north, by a band of trees. The immediate setting of the resource is formed by the other buildings within the farm complex (including 07-0015 and 07-0032), whilst views across the surrounding farmland to the south, east and west of the group and this agricultural setting make a positive contribution to the value of the historic interest of the group due to the historic link between farm and farmland.	High	The construction of the Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass would involve the permanent addition of the new junction and slip road embankment to the setting of the farmhouse group. This will result in a new industrial element being introduced in views to the east of the resource, resulting in a partial disconnection of the farm group from its farmland setting and also a change in the historic topography and character of the area. The proposed removal of some or all of the trees which partially screen the resource from the existing A66 corridor will result in both clearer views to the enhanced Bowes Bypass and to the access road to the new slip road to the East Bowes Accommodation Access Overpass.	Moderate Adverse	Moderate Adverse
07-0032	Linked farm buildings and gin-gang, attached to south of Stone Bridge farmhouse	The resource holds architectural and historic interest as surviving example of a 19th century farm complex.	The Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass will be constructed immediately north of the Stone Bridge Farmhouse group (which also includes 07-0015 and 07-0016). The farmhouse group is located immediately south of the former course of the Street, but which is now partially screened from view of the Bowes Bypass, which is further north, by a band of trees. The immediate setting of the resource is formed by the other buildings within the farm complex (including 07-0015 and 07-0016), whilst views across the surrounding farmland to the south, east and west of the group and this agricultural setting make a positive contribution to the value of the historic interest of the group due to the historic link between farm and farmland.	High	The construction of the Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass would involve the permanent addition of the new junction and slip road embankment to the setting of the farmhouse group. This will result in a new industrial element being introduced in views to the east of the resource, resulting in a partial disconnection of the farm group from its farmland setting and also a change in the historic topography and character of the area. The proposed removal of some or all of the trees which partially screen the resource from the existing A66 corridor will result in both clearer views to the enhanced Bowes Bypass and to the access road to the new slip road to the East Bowes Accommodation Access Overpass.	Moderate Adverse	Moderate Adverse
07-0052	Bowes Railway station, Teesdale	The resource holds architectural and historic interest as an example of mid 19th century railway architecture.	The current setting of the resource contributes little to its value. Whilst its spatial association with the village of Bowes contributes to its historic interest, the conversion of the former railway line route into the Bowes bypass contributes to an increased sense of isolation for the resource and reduces the value it derives from its setting.	Low	The derelict buildings are located within the Order Limits and will be demolished as part of the Project's construction phase.	Major Adverse	Moderate Adverse (Slight Adverse)
07-0103	Low Broats	The resource holds architectural and historic interest as an example of a historic farm complex	The setting of the resource comprises of the other buildings within the surrounding historic farm complex and the surrounding agricultural landscape, both contributing to the historic interest of the resource.	Low	The resource lies within the Order Limit and will be demolished as part of the Project.	Major Adverse	Moderate Adverse (Slight Adverse)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0119	Ditch, east/west oriented	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
07-0120	Shallow ditch, north/south oriented	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
07-0121	Ditch and probable pit	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
07-0122	Ditch, NW/SE aligned	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
07-0123	Ditch and gully on NNW/SSE alignment	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
07-0041	Possible Roman Road, West End Service Station, Bowes	The resource has archaeological interest due to its potential to reveal as yet unknown, surviving stretches of the former Roman Road and historic interest deriving from its function as historic transport infrastructure.	The setting of the resource is the current corridor of the A66 which contributes to the historic interest of this early transport infrastructure.	Low	The resource is located within the Order Limit, adjacent to the site of a temporary compound/lay-down area. The resource may experience physical impacts as a result of plant and heavy goods vehicles tracking across the area to reach the compound.	Major Adverse	Slight Adverse
07-0065	Clint Lane bridge, over A66(T) Bowes bypass	The resource holds architectural and historic interest as an example of 19th century transport infrastructure.	The setting of the bridge is the A66 which contributes to its is architectural value as part of an early-mid 20th piece of road infrastructure.	Negligible	The resource is within the Order Limit and will be demolished during the construction works. A new bridge will be construction following works within the existing A66 corridor.	Major Adverse	Slight Adverse
07-0104	Lone building (site of)	The resource holds historic interest as a record of a historic structure.	The resource has no physical presence within the landscape and therefore has no setting.	Negligible	The resource lies within the Order Limit but is deemed to be no longer extant. Any remains (foundations, earthworks etc.) associated with the structure will be removed as part of the construction phase of the Scheme.	Major Adverse	Slight Adverse
07-0061	South Durham and Lancashire Union Railway, Bowes to County Boundary, Teesdale	The resource holds architectural and historic interest as an example of mid 19th century railway architecture and transport infrastructure.	The setting of the former South Durham and Lancashire Union Railway primarily comprises of the village of Bowes, which contributes to its historic interest.	Low	The resource historically stretched from West Auckland to Tebay. Where present within the Order Limit of the scheme, the resource lies within the current A66 Corridor and may experience physical impacts as a result of construction activities.	Moderate Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0036	Round Barrow 'A', Bowes	The resource has archaeological interest as an archaeological feature within the landscape and historic interest derived from its spatial relationship with other surviving later prehistoric features within the surrounding area.	One of a group of four round barrows located to the south and west of the Order Limit. The barrow's setting comprises of agricultural land south-west of Bowes in an interesting topographic location. To the east the ground falls away steeply into a former quarry, while the ground rises perceptibly to the north and west, rising into the Pennines. It is likely that people have used the Stainmore Pass as a routeway throughout prehistory and it is possible that the barrows overlooked this routeway. Views from the barrows are, therefore, likely to be significant to how they are understood, contributing to their historic interest. Their setting makes a positive contribution to their value	Low	The proposed works will include the widening of an existing section of the road within the resource's setting and construction of a balancing pond to the east. The completed road will slightly alter the baseline appearance of the road and the landscape surrounding the resource however, the relationship with the other barrows (07-0037-0039) will not be affected and these changes will not alter the contribution of the resource's setting to its value	Minor Adverse	Slight Adverse
07-0037	Round Barrow 'B', Bowes	The resource has archaeological interest as an archaeological feature within the landscape and historic interest derived from its spatial relationship with other surviving later prehistoric features within the surrounding area.	One of a group of four round barrows located to the south and west of the Order Limit. The barrow's setting comprises of agricultural land south-west of Bowes in an interesting topographic location. To the east the ground falls away steeply into a former quarry, while the ground rises perceptibly to the north and west, rising into the Pennines. It is likely that people have used the Stainmore Pass as a routeway throughout prehistory and it is possible that the barrows overlooked this routeway. Views from the barrows are, therefore, likely to be significant to how they are understood, contributing to their historic interest. Their setting makes a positive contribution to their value	Low	The proposed works will include the widening of an existing section of the road within the resource's setting and construction of a balancing pond to the east. The completed road will slightly alter the baseline appearance of the road and the landscape surrounding the resource however, the relationship with the other barrows (07-0036, -0038, -0039) will not be affected and these changes will not alter the contribution of the resource's setting to its value	Minor Adverse	Slight Adverse
07-0038	Round Barrow 'C', Bowes	The resource has archaeological interest as an archaeological feature within the landscape and historic interest derived from its spatial relationship with other surviving later prehistoric features within the surrounding area.	One of a group of four round barrows located to the south and west of the Order Limit. The barrow's setting comprises of agricultural land south-west of Bowes in an interesting topographic location. To the east the ground falls away steeply into a former quarry, while the ground rises perceptibly to the north and west, rising into the Pennines. It is likely that people have used the Stainmore Pass as a routeway throughout prehistory and it is possible that the barrows overlooked this routeway. Views from the barrows are, therefore, likely to be significant to how they are understood, contributing to their historic interest. Their setting makes a positive contribution to their value	Low	The proposed works will include the widening of an existing section of the road within the resource's setting and construction of a balancing pond to the east. The completed road will slightly alter the baseline appearance of the road and the landscape surrounding the resource however, the relationship with the other barrows (07-0036, -0037, -0039) will not be affected and these changes will not alter the contribution of the resource's setting to its value	Minor Adverse	Slight Adverse
07-0039	Round Barrow 'D', Bowes	The resource has archaeological interest as an archaeological feature within the landscape and historic interest derived from its spatial relationship with other surviving later prehistoric features within the surrounding area.	One of a group of four round barrows located to the south and west of the Order Limit. The barrow's setting comprises of agricultural land south-west of Bowes in an interesting topographic location. To the east the ground falls away steeply into a former quarry, while the ground rises perceptibly to the north	Low	The proposed works will include the widening of an existing section of the road within the resource's setting and construction of a balancing pond to the east. The completed road will slightly alter the baseline appearance of the road and the landscape surrounding the	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			and west, rising into the Pennines. It is likely that people have used the Stainmore Pass as a routeway throughout prehistory and it is possible that the barrows overlooked this routeway. Views from the barrows are, therefore, likely to be significant to how they are understood, contributing to their historic interest. Their setting makes a positive contribution to their value		resource however, the relationship with the other barrows (07-0036-0038) will not be affected and these changes will not alter the contribution of the resource's setting to its value		
07-0066	Roman Road, Bowes to Barnard Castle	The resource has archaeological interest due to its potential to reveal as yet unknown, surviving stretches of the former Roman Road and historic interest deriving from its function as historic transport infrastructure.	The setting of the resource is the rural landscape which surrounds its route through the landscape and contributes to its historic interest by way of its relationship with other known Romano-British	Medium	It is not clear if there are surviving remains of the Roman road beneath the A67 which is thought to follow the line of the earlier roadway. The majority of the resource lies beyond the Order Limit. Where the resource lies within the Order Limit it overlaps with an area which will be used as a construction compound. As only a small proportion of the Roman road would be impacted, this will be no more than a minor adverse impact.	Minor Adverse	Slight Adverse
07-0070	Post Medieval Field System, Bowes	The resource holds archaeological interest due to its potential to contain archaeological features and historic interest as it provides insight into historic farming methods.	The resource's setting is formed by the surrounding rural landscape which contributes to its historic interest.	Negligible	The construction of the scheme will remove traces of the field system along its southern edge, which is the current A66. This southern limit is the result of previous truncation for the construction of the Bowes Bypass so will not be impacting a historic boundary. The Project will result in a small reduction in the size of the resource with the majority of it remaining intact.	Minor Adverse	Slight Adverse
07-0075	Possible road or trackway, 115m east of Bowes Hall	The resource holds architectural and historic interest as an example of historic transport infrastructure.	The resource's setting is formed by the surrounding rural landscape which contributes to its historic interest.	Low	Trackway extending into the Order Limit at its very northern extent. Where the resource lies within the Order Limit it may be impacted by activities related to the construction compound which will occupy this area.	Minor Adverse	Slight Adverse
07-0080	Revised route of RR820 from Bowes to Binchester	The resource has archaeological interest due to its potential to reveal as yet unknown, surviving stretches of the former Roman Road and historic interest deriving from its function as historic transport infrastructure.	The setting of the resource is the rural landscape which surrounds its route through the landscape and contributes to its historic interest by way of its relationship with other known Romano-British	Medium	Majority of trackway lies beyond the Order Limit. Its southern extent runs north-east/south-west across the Order Limit, beneath the route of the A66 Bowes bypass, intersecting with The Street. It is likely that the construction of the bypass damaged any surviving archaeological features within its corridor. As only a small proportion of the Roman road would be impacted, any additional impacts will be no more than a minor adverse impact.	Minor Adverse	Slight Adverse
07-0081	Probable early route of RR82 through Bowes	The resource has archaeological interest due to its potential to reveal as yet unknown, surviving stretches of the former Roman Road and historic interest deriving from its function as historic transport infrastructure.	The setting of the resource is the rural landscape which surrounds its route through the landscape and contributes to its historic interest by way of its relationship with other known Romano-British	Medium	Majority of trackway lies beyond the Order Limit, to the south of the village of Bowes. The far western extent of the trackway extends into the Order Limit within the existing corridor of the A66. It is likely that the construction of the bypass damaged any surviving archaeological features within its corridor. As only a small	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					proportion of the Roman road would be impacted, any additional impacts will be no more than a minor adverse impact.		
07-0102	Route of the Turnpike to Barnard Castle	The resource holds historic interest as an example of historic transport infrastructure.	The resource has no physical presence within the landscape and therefore has no setting.	Low	Turnpike route connecting The Street to the A67. No physical evidence of the resource has been identified, however part of the southern half of the resource would have been located within the Order Limit. The route bisected the existing Bowes bypass corridor meaning any remains which may have survived relating to the resource will have suffered previous construction impacts in this area. Whilst it is highly unlikely that any physical remains survive, works in this area will widen the existing road corridor and further sever the connection between The Street and the A67 which would have been made using the Turnpike Road.	Minor Adverse	Slight Adverse
07-0115	Ivy Hall	The resource holds historic and architectural interest as an example of a historic structure.	The resource's setting is formed by its curtilage and garden, as well as the wider village of Bowes, which contribute to its architectural and historic interest.	Low	The resource lies beyond the Order Limit but will experience a permanent change in its setting due to the excavation of a balancing pond c. 30m to the west. This change will not impact the environmental value of the resource.	Minor Adverse	Slight Adverse
07-0002	Roman Fort (Lavatrae)	The Roman fort holds archaeological interest due to the presence of as yet unexplored archaeological remains within the resource. It also holds historical interest deriving both from its ability to enhance our understanding of life within the historic settlement and as a surviving part of an interconnected Roman landscape	The Roman fort is located on the southern side of the village of Bowes and was located between the River Greta and the Roman road crossing the Stainmore Pass to the west. There was also a Roman road running perpendicularly to this, giving the fort an important position at the intersection. The setting of the fort is still appreciable today - the modern road through Bowes, the Street, follows the line of the Roman road, while the A67 may follow the northern-bound road in part. The topographic context of the fort is still readily apparent, with its position at the point where the landscape begins to narrow and rise towards the pass to the west. While the setting of the fort, therefore, makes an important contribution to its historic interest, views towards the modern A66 corridor, which bypasses Bowes to the north of the fort, are limited by the buildings in between.	High	The Roman fort is located in Bowes with very limited views of the A66. The widening of the existing road to the west of the fort may be visible, slightly altering the baseline setting of the monument, but will not alter the contribution of the resource's setting to its value.	Negligible Adverse	Slight Adverse
07-0003	Romano- British settlement site to the east and south-east of East Mellwaters Farmhouse	The settlement holds archaeological interest due to the presence of as yet unexplored archaeological remains within the resource. It also holds historical interest deriving both from its ability to enhance our understanding of life within the historic settlement and as a surviving part of an interconnected Roman landscape	This settlement site is located close to the modern farm buildings at East Mellwaters and are in a shallow valley to the south of the Roman road through Stainmore Pass. It is the remains of a small farming settlement, perhaps similar to those that may have once spread across the more fertile land across the Greta and Tees valleys to the east, where later agriculture has removed the more obvious traces of historic settlement. The slight valley would have	High	The works will include the widening of an existing section of the road within the resource's setting. The completed road will slightly alter the baseline appearance of the road but would not alter the contribution of the resource's setting to its value. Proposed environmental mitigation may be visible to the west of the resource, resulting in minor changes to its setting but no change to the value of the resource.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			provided some shelter for the inhabitants, and they would have been well connected to trade via the Roman road. The setting of the site contributes to its historic interest through demonstrating an evolution in land use and defensive focus and through the connections apparent between the settlement, Roman road and wider network of Romano-British sites in the area.				
07-0033	Bowes Conservation Area	The resource has architectural, archaeological and historic interest derived from its origins as a medieval village, preserving the local, Post Medieval architectural vernacular and earlier alignment of the settlement which hugs the historic route of The Street.	The conservation area of Bowes is focused along The Street, a road which follows the line of the original Roman road, which became an important routeway through the area until the 20th century when it was bypassed through a cutting north of the village. The village is located at the foot of the Pennines at the entrance to the Stainmore Pass and, with the River Greta running close to the village, it had an important strategic function from the medieval period. There are surviving traces of a medieval field system extending from Bowes across the landscape to the east. The setting of the village is, therefore, important to its historic interest and gives the conservation area a sense of place and time depth.	Medium	The A66/A67 junction would be rearranged, resulting in an alteration to the baseline setting of the conservation area. The Order Limit extends into the northern extent of the conservation area; however this temporary lane take will be to facilitate site access and the connection of services only. There will be but no long term impacts from the construction of the activities undertaken within the conservation area and those changes to its setting will not cause any greater impact than the existing road arrangement.	Negligible Adverse	Slight Adverse
07-0101	Proposed Turnpike deviation at Bowes	The resource holds historic interest as an example of historic transport infrastructure.	The resource has no physical presence within the landscape and therefore has no setting.	Low	The north-eastern extent of the proposed deviation lies within the Order Limit. Should any unidentified physical remains relating to the resource be present within this area they will be removed, however the majority of the recorded route will be preserved.	Negligible Adverse	Slight Adverse
07-0057	Unicorn Cottage, Bowes	The resource holds architectural and historic interest as a surviving example of the local architectural vernacular.	The resource's setting is formed by the village of Bowes which contributes to its historic interest.	Low	The proposed work to the A66 will take place in the existing road corridor to the north of the village of Bowes. The setting of the resource is formed by the surrounding village streetscape and would not be altered by the project.	Negligible Adverse	Neutral
07-0058	Buildings to north and east of the Ancient Unicorn courtyard, Bowes	The resource holds architectural and historic interest as surviving example of a historic building.	The resource's setting is formed by the village of Bowes which contributes to its historic interest.	Low	The proposed work to the A66 will take place in the existing road corridor to the north of the village of Bowes. The setting of the resource is formed by the surrounding village streetscape and would not be altered by the project.	Negligible Adverse	Neutral
07-0096	Bowes Hutchinson Church of England Primary School, Bowes, County Durham	The resource's value is derived from its architectural interest as an example of 19th century educational architecture, The resource also has historic interest as a focal point of community activity.	The resource's setting is formed by the village of Bowes which contributes to its historic interest.	Low	The proposed work to the A66 will take place in the existing road corridor to the north of the village of Bowes. The setting of the resource is formed by the surrounding village streetscape and would not be altered by the project.	Negligible Adverse	Neutral

Cross Lanes to Rokeby

8.10.4.9 A total of 39 heritage resources located within the study area and ZVI of this scheme would receive a permanent construction effect. Of these, none would be significant.

Table 15: Cross Lanes to Rokeby permanent construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
08-0013	Milestone 80 metres west of entrance to Tutta Beck Farm	The milestone has architectural and historic interest deriving from its placement and use as a milestone marker. The milestone has the potential to increase understanding of past communication routes and transport activity along the historic route of the A66.	The milestone has a roadside location and indicates the distance from its location to local landmarks. Its specific placement and roadside setting make a positive contribution to the environmental value of the resource.	High	The milestone is located within the Order Limits and would need to be removed prior to construction.	Major Adverse	Large Adverse (Slight Adverse)
08-0014	Milestone 100 metres west of junction with B6277	The milestone has architectural and historic interest deriving from its placement and use as a milestone marker. The milestone has the potential to increase understanding of past communication routes and transport activity along the historic route of the A66.	The milestone has a roadside location and indicates the distance from its location to local landmarks. Its specific placement and roadside setting make a positive contribution to the environmental value of the resource.	High	The milestone is located within the Order Limits and would need to be removed prior to construction.	Major Adverse	Large Adverse (Slight Adverse)
08-0109	Row of 3 possible roadside structures	The resource holds historic interest as an example of local construction activity.	The resource's setting is that of the A66, which contributes to its value.	Low	The resource lies within the Order Limit and will be removed as part of the Project.	Major Adverse	Moderate Adverse (Slight Adverse)
08-0110	Possible roadside structure	The resource holds historic interest as an example of local construction activity.	The resource's setting is that of the A66, which contributes to its value.	Low	The resource lies within the Order Limit and will be removed as part of the Project.	Major Adverse	Moderate Adverse (Slight Adverse)
08-0054	Linear anomaly	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
08-0055	Probable archaeological anomaly - trackway?	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
08-0056	Two parallel linear anomalies	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
08-0057	Drainage system	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Negligible	Buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
08-0064	Ring Ditch, 120m north-east of Poundergill	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Prehistoric archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Medium	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
08-0102	Stone Features west of Street Side Farm, on the A66	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Prehistoric archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	The resource lies within the Order Limit and will be removed as part of the Project.	Major Adverse	Moderate Adverse (Slight Adverse)
08-0104	Footpath	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Prehistoric archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	The resource lies within the Order Limit and will be removed as part of the Project.	Major Adverse	Moderate Adverse (Slight Adverse)
08-0123	Parallel linear anomalies	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Prehistoric archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
08-0125	Gully, ditches, and post hole	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Prehistoric archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
08-0122	Possible archaeological feature	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Prehistoric archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Negligible	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Slight Adverse
08-0067	Former field boundary, running north from Tutta Beck Plantation	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource is the surrounding agricultural landscape which contributes positively to its historic interest.	Negligible	Part of the resource lies within the Order Limits. This part of the resource will be lost.	Moderate Adverse	Slight Adverse
08-0068	Former field boundary or 'Riser'	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource is the surrounding agricultural landscape which contributes positively to its historic interest.	Negligible	Part of the resource lies within the Order Limits. This part of the resource will be lost.	Moderate Adverse	Slight Adverse
08-0011	Rokeby Park and attached stables	Rokeby Park (country house) holds architectural interest as an example of a high status, bespoke development dating to the early to mid 18th century. The architects involved included the owner, Sir Thomas Robinson and at least one redecoration by John Carr. The resource holds historic value as reflection of the lives of a small, elite group of the population during this era, with the house itself forming part of the wider Rokeby estate; a single phase development combining numerous functional, historical and aesthetic inter-relationships between resources across its extent. The resource also has artistic value due to it having provided a subject for a wide range of artistic media including poetry, paintings and sketches.	The setting of Rokeby Park, a grand 18th century country house, is a large designed landscape park, which was also laid out by the owner and designer of the house, Sir Thomas Robinson. The parkland combines numerous functional, historical and aesthetic relationships and makes a significant contribution to the house's value through its historic and architectural interest. There are views across the parkland from the house, which are important, but at equally so are the views towards the house from the road, particularly from the gate and railed screen to the south-west of the house. The house has a grand, symmetrical facade, and was designed to be viewed in its best light, facing south, to those passing on the road or approaching on the sweeping coach drives.	High	Rokeby Park is partially within the ZVI, although views towards the Project are at least partially screened by woodland within its landscaped park. The Project would include the widening of an existing section of the road to the south-west of the house, before the construction of a new offline section of road which runs to the south of the existing road, which would be betrunked but retained. The completed road would slightly alter the baseline appearance of the road from the house, but this would be a relatively small change, given the existing screening and the fact that the widening is to the southern side of the road as it would be viewed through the gate and railed screen. Views into the parkland from the road would not be altered, preserving the grand view and the contribution that makes to the resource's	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					value. A more intangible effect will arise from the loss of agricultural land to the offline section of the Project. The land crossed by the road is part of the historic estate associated with Rokeby Park and the increased modernisation of its agrarian context would have an adverse effect. Overall, the visual and audible changes to the setting of the house are not likely to be more than minor, although experienced across a number of tangible and intangible elements of the resource's setting		
08-0012	Church of St Mary	The Church was probably designed by Sir Thomas Robinson and as such has historic value relating to its relationship to the wider Rokeby Estate, as well as historic value derived from its position as a place of worship and focal point for the local community and within the local landscape. It holds architectural value both through its association with Robinson and its function as a place of workshop constructed in the later 18th century.	The church was built by Sir Thomas Robinson, who was the owner and builder of Rokeby Park (08-0011), creating a non physical association between these resources. The church is set apart from the main area of Rokeby's landscaped park, but is connected by a narrow band of trees north of the A66. From the churchyard there are sweeping views over the fields around the church, but the building faces directly onto the road to the south. Despite the lack of obvious designed views between the park and the church, they are connected in the landscape through the routeway between them, and cognitively, through the connections of ownership, design and patronage. A key part of this, is the way in which the church stands, symbolically, at the edge of the estate as it is approached by travellers from the west. The church stands on higher ground, making it particularly visible. Unusually, it faces directly south, referencing the arrangement of classical temples with roads which Robinson drew design inspiration from. The church symbolises a transition between the rural, and perhaps uncivilised, land to the west, with the classical idyll Robinson was attempting to create within Rokeby. The setting is, therefore, very significant to the church's value, mostly through shared historic interest with the wider Rokeby Estate. This is not linked to views from the house, but rather the experience of the landscape by those moving through it.	High	The Project includes the construction of a new offline section of road to the south of the existing road corridor, with a junction constructed in an underpass approximately 145m south-west of the church. The current arrangement of the A66 would be detrunked as it passes the church, resulting in the considerable lowering of traffic levels passing in front of the resource. Views south from the church would be altered, although views towards Rokeby Park will remain unchanged. The church was built by the owner and designer of Rokeby Park and there is a long-standing historic association between them, connected by a routeway through a band of woodland north of the road. The other key setting relationship is to the Rectory (08-0053), which is located south-east of the church on the south side of the road. As the road would be detrunked at this point, the relationship between the two would be unaltered. Views towards the church from the historic road alignment would be mostly maintained, interrupted at the point where the underpass is accessed. Overall, due to the changes in the setting of the church, and the overall modernisation of the historically rural surroundings, the magnitude of impact would be minor adverse.	Minor Adverse	Slight Adverse
08-0015	Stable to west of Rokeby Grove	The stable derives historic and architectural interest from its association with the wider	The stable's setting has historically included the road, which was present when it was	High	The Project would include the widening of an existing section of the road to the north of the	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		Rokeby estate and as an example of a mid 18th century equestrian structure.	built, and Rokeby Grove, the house which it is ancillary to. It is part of a group of listed buildings/structures including Rokeby Grove (08-0040) and the sundial to the south of Rokeby Grove (08-0038). These aspects of its setting contribute to its historic and architectural interest.		stables and the construction of a balancing pond approximately 95m west and a new offline section of road approximately 225m to the west. The Project would alter the baseline setting of the building but this would be relatively minimal due to existing screening. Further, the stable is an ancillary structure of Rokeby Grove (08-0040) and is part of a group of listed buildings with Rokeby Grove and the sundial to the south of it (08-0038). The relationship would not impact the group relationship between the stables and the other buildings, which limits the magnitude of the adverse impact to minor adverse.		
08-0027	Piers and railings 500 metres south-west of Rokeby Park	The resource derives historic and architectural interest from its association with the wider Rokeby estate and as an example of bespoke 18th century gate piers and railings.	The setting of the gate piers and railings is formed by their immediate surroundings as the intersection between Rokeby Park and the A66, which would have been an important road when the parkland was laid out, although it originally through Greta Bridge rather than the new bypass to the east of the piers.	High	The proposed works would include the widening of an existing section of the road to the immediate south of the piers and railings, with a new offline section diverting south of the current road, which would be detrunked. The completed road would alter the baseline appearance of the road but, fundamentally, the railings would remain the intersection between Rokeby Park and the road beyond. The views from the road into the parkland would remain. As a result, the alteration to the setting of the gate piers is considered to be minor adverse due to the modernisation of the road immediately adjacent and the change of character that this would result in.	Minor Adverse	Slight Adverse
08-0028	Cross Lanes Farmhouse with adjacent outbuildings on west	The resource derives historic and architectural interest as an example of an 18th and 19th century farm complex.	The farmhouse's setting has always included the road (A66) and it faces directly onto it. It's current setting also includes the triangle of pasture to the north and west of the building, and the landscape of agricultural land to the north and south.	High	The road to the immediate south of the farmhouse would be widened and a new junction built to the west, which would carry the north-south road (Moorhouse Lane, B6277) on an overpass. The existing intersection with Moorhouse Lane to the west of the building would be stopped up. As a result, views to the west and south would be considerably altered. The setting of the farmhouse has always included the road (A66), which it faces directly onto, and the widening of the road would not make a significant change. The new overbridge would result in an increased sense of enclosure within the landscape surrounding the farmhouse, however the resource is already enclosed by mature woodland which edges the triangular land parcel within which it is located, meaning that the impacts are minor adverse only.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
08-0039	Tutta Beck cottages	The resource derives historic and architectural interest as an example of 18th century local domestic architecture.	The setting of the cottages is agricultural, consisting of the surrounding fields and the woodland along the Tutta Beck watercourse to the east and west.	High	The proposed works would include the widening of an existing section of the A66 to the north of the Tutta Beck cottages, the construction of a new junction as an underbridge (Rokeby junction) to the north-west and the replacement of the cottage's existing access road with a new access running along the edge of the fields from the north-west. This would alter the way in which the cottages have been accessed historically and introduce a new access road into its setting. However, the cottages' setting is formed of the surrounding agricultural landscape, including modern farm buildings to the south, and the alteration of the access road would not fundamentally alter the character of the setting or the contribution it makes to the building's value.	Minor Adverse	Slight Adverse
08-0040	Rokeby Grove	The resource derives historic and architectural interest from its association with the nearby Rokeby estate and as an example of the local architectural vernacular during the 19th century.	Rokeby Grove's setting has historically included the road, which was present when it was built and is part of a small group of listed structures including a sundial to the south (08-0038) and a stables to the west (08-0015). The setting of Rokeby Grove also includes the village of Greta Bridge to the south-east and the parkland of Rokeby Park to the north-east, as well as the agricultural land to the west. Its setting positively contributes to its value.	High	The proposed works would include the widening of an existing section of the road to the north of the Rokeby Grove group and the construction of a balancing pond approximately 125m west and a new offline section of road approximately 450m to the west. The Project would alter the baseline setting of Rokeby Grove, introducing a new road through the landscape to the west, although the relationship between the building and Greta Bridge, Rokeby Park and its own group would be unaffected.	Minor Adverse	Slight Adverse
08-0047	Dent House Farmhouse with adjacent outbuilding on the west	The resource derives historic and architectural interest as an example of 18th/19th century local domestic architecture.	The farmhouse's setting is comprised by an area of enclosed, regularly shaped, fields with the A66 running approximately 300m to the north of the resource, being visible from the property.	High	The Project would include the construction of a new junction at Cross Lanes which would bring the approaching road corridor to approximately 170m north of the farmhouse, with a balancing pond approximately 120m north. The new road layout would substantially alter the fieldscape to the north of the farmstead, reducing the connection between the building and the agricultural landscape to its north, however its setting will remain largely rural with an open, post-enclosure landscape retained in all other directions from the property.	Minor Adverse	Slight Adverse
08-0048	Rokeby Park	Rokeby Park holds architectural interest as an example of a high status, bespoke designed landscape development stretching across dating to the early to mid 18th century. It was designed, at least in part, by	The parkland, which dates from the 18th and 19th century and was largely designed by the owner and occupier of Rokeby Park house (08-0011) is located within the angle formed by the meeting of the River Greta	High	Rokeby Park consists of the 18th and 19th century gardens associated with the Grade I listed Rokeby Park (08-0011). The parkland is intrinsically linked to the landscape beyond it, using the natural features and topography,	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		Sir Thomas Robinson. The resource holds historic value as reflection of the lives of a small, elite group of the population during this era as well as documenting fashionable landscape design trends of the period. The wider Rokeby estate represents a single phase development combining numerous functional, historical and aesthetic inter-relationships between resources across its extent. The resource also has artistic value due to it having provided a subject for a wide range of artistic media including poetry, paintings and sketches.	and the River Tees and the rivers have carved a dramatic landscape which have been highly valued for their picturesque qualities. Beyond the pleasure gardens is parkland of open pasture and woodland, set within a wider agricultural landscape. The southern boundary of the park was originally formed by the Street, the historic course of the Roman road which has been in continuous use as a road into the modern period. However, the A66 bypass of Greta Bridge now cuts across the southern part of the parkland, severing an area of the designated park from the main area north of the road.		as well as historic buildings such as Mortham Tower (08-0021) to create aesthetic interest. The current course of the A66 severs the main part of the park from its southernmost extent. The proposed scheme would not alter the current course of the road where it cuts across the registered park and garden, but would be widened to the west of it before detrunking from the historic course of the road into a new offline section which would run to the south-west of the park. While the project has been redesigned to minimise impacts on Rokeby Park, there would still be views of the new offline section of the A66 from within the park, particularly from Church Plantation. It would not interrupt key designed views from the park to Mortham Tower or the Pennine edge, but would involve a loss of some of the estate farmland, something historically and symbolically connected with the park's environmental value and views of the new offline section of road would be limited from within the formal grounds. The majority of the estate will retain its designed form and historic legibility within the landscape meaning this impact has been assessed as minor adverse.		
08-0049	Greta Bridge Conservation Area	The resource has architectural, archaeological and historic interest derived from its origins as a medieval village, preserving the local, post-medieval architectural vernacular and earlier alignment of the settlement which hugs the historic route of The Street.	The conservation area of Greta Bridge is focused along The Street. It is located to the south of Rokeby Park and to the south-west of the current route of the A66. It is surrounded by open agricultural fields which contribute positively to its value.	High	Parts of Greta Bridge Conservation Area are within the ZVI, although the majority of views are screened by trees. The Project, when complete, would include the widening of the existing A66 to the north-west and the construction of a new offline section beyond this. Due to existing screening and the presence of the existing road corridor, this is unlikely to have an adverse effect on the majority of the conservation area. The exception to this is the southern part of the conservation area, in the field containing the Roman fort (08-0002), from which there would be views of the new offline section of the road, altering the historic rural pattern of fields visible from there.	Minor Adverse	Slight Adverse
08-0051	Ewebank Farm, Rokeby	The resource derives historic and architectural interest as an example of a historic farm complex.	Ewebank Farm is a non-designated post-medieval farmhouse within a setting of fields south of the existing corridor of the A66. This landscape contributes positively to its value.	Low	The proposed works would include the construction of a new offline section of the road, which would curve towards the farm building. The farmhouse's setting is formed by the landscape of enclosed fields which surround it on all sides, including narrow	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					fields which fossilise within them the pattern of medieval strip-fields which preceded the later enclosure. This contributes to the farmhouse's value through the historic association of farmland and farmhouse. The project would introduce a new road into the landscape to the north and west and remove some of the agricultural land to the north. However, the majority of the farmhouse's agricultural setting would not be fundamentally altered.		
08-0053	Rokeby Rectory	The resource derives historic and architectural interest as an example of 18th/ 19th century local domestic architecture, as well as historic interest derived from its association with the Church of St. Mary (08-0012) and the wider Rokeby Estate.	The Rectory is a non-designated post-medieval building which was associated with the Church of St Mary, which stands to the north of it on the other side of the A66 (08-0012). The Rectory is partially screened from the road and the church beyond by a row of trees.	Medium	Views north towards the church (08-0012), which are partially screened by trees, would be unaltered as the A66 would be detrunked at this point. However, the Rectory would become considerably more enclosed, with the new offline section of the road built immediately to the south and Rokeby Junction to the west. The rubble walled orchard to the south of the Rectory would be removed. Views towards Rokeby Park would be unaltered. While the Rectory's principal group relationships would remain intact, the alteration of the otherwise rural setting and the loss of views to the south and west, would result in a minor adverse effect.	Minor Adverse	Slight Adverse
08-0113	Rokeby School	The resource derives historic and architectural interest as an example of 19th century educational infrastructure, with additional historic value derived from its spatial and nominal association with the Rokeby Estate.	The setting of the resource has always comprised of the A66, to the immediate south, with the Rokeby Estate and open agricultural fields to the north. These elements contribute positively to its value.	Low	The Project includes the construction of a new offline section of road to the south of the existing road corridor, with a junction constructed in an underpass approximately 130m south-west of the resource. The current arrangement of the A66 would be detrunked as it passes the resource, resulting in the considerable lowering of traffic levels passing in front of the resource. Views south from the school building would be altered, although views towards Rokeby Park will remain unchanged. As the road would be detrunked at this point, the relationship between the two would be unaltered. Views towards the resource from the historic road alignment would be mostly maintained, interrupted at the point where the underpass is accessed.	Minor Adverse	Slight Adverse
08-0115	Rokeby Grange	The resource derives historic and architectural interest as an example of a historic farm complex.	The setting of the resource comprises the other buildings within the farm complex and the agricultural land which surrounds it.	Low	The Project includes the construction of a new offline section of road to the south of the existing road corridor, with a junction constructed in an underpass approximately	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					260m south of the resource. The current arrangement of the A66 would be detrunked resulting in the considerable lowering of traffic levels passing in front of the resource. Views south from the resource will be altered although views towards Rokeby Park will remain unchanged. As the road would be detrunked at this point, the relationship between the two would be unaltered. Views towards the resource from the historic road alignment would be mostly maintained, interrupted at the point where the underpass is accessed.		
08-0002	Greta Bridge Roman Fort, Vicus and section of Roman Road	The resource holds archaeological interest due to the presence of as yet unknown archaeological remains within the fort and surrounding settlement. It also has historical interest deriving both from its ability to enhance our understanding of life within the historic military and civilian settlement and as a surviving part of an interconnected Roman landscape across the extent of the Project.	The fort is located on the eastern and western sides of the River Greta and would have guarded a bridge over the river. The modern settlement of Greta Bridge follows the line of the former Roman road (the Street), with the designed landscape of Rokeby Park and the large dual carriageway bypass to the north. The fort's setting contributes to its value (historic interest) through its topographic location overlooking the river and by connecting it to still-legible aspects of the Roman landscape, including the Roman road.	High	The Project will include the construction of a new offline section of road to the north-west of the fort, which will be theoretically visible in views, although these will be at least partially screened by trees and buildings. The fort does have a relationship to the original course of the Roman road, which originally ran through Greta Bridge. The creation of a new offline section will continue the altered alignment, although the original course of the road will still remain as a detrunked road. Given the presence of existing screening from much of the fort, and the nature of the contribution made by the fort's setting to its value, this will only result in a negligible adverse magnitude of impact.	Negligible Adverse	Slight Adverse
08-0021	Garden house, outbuildings and walls, to south-west of Rokeby Park	The resource derives historic and architectural interest from its association with the wider Rokeby estate and as an example of a mid 18th century designed garden and associated structures.	The setting of the building is strongly linked to its location within Rokeby Park, as it is an ancillary building to the country house. It is part of a small group of buildings within Rokeby Park (08-0048) which are ancillary to, but screened from, the country house (08-0011). The group includes the stable yard cottage (08-0033), stable block (08-0045) and farm buildings (08-0035), and contribute to the historic and architectural interest of the resource. There are views towards the road corridor, although these are partially screened by woodland.	High	The Project would include the widening of an existing section of the road and the construction of a new offline section to the south and south-west of the resource. The completed road would slightly alter the baseline appearance of the road but would not alter the contribution of the resource's setting to its value.	Negligible Adverse	Slight Adverse
08-0024	Castle Farmhouse	The resource holds architectural and historic interest as a surviving example of an 18th century farm complex.	Castle Farm is part of an isolated group of farm buildings, north of the existing corridor of the A66. It is part of a group with a barn (08-0026) and the relationship between the two buildings contributes to its value. The farmhouse's wider setting is formed by the	High	The Project would include the widening of an existing section of the road within the listed building's setting and the construction of the redeveloped junction at Cross Lanes is located approximately 500m south of the building. It is part of a group with a barn (08-	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			landscape of enclosed fields which surround it on all sides, contributing to its value through the historic association of farmland and farmhouse.		0026) and the relationship between the two buildings contributes to its value. The completed Project would be theoretically visible but would not alter the contribution of the resource's setting to its value		
08-0025	Barn and attached wheel house to west of Birk Hall Farmhouse	The resource holds architectural and historic interest as a surviving example of an 18th century farm complex.	The buildings at Birk Hall Farm have a setting of fields and bands of woodland plantation, which contribute to the value of the resource through the historic association between the farm and the agricultural land around it.	High	The Project would include the widening of an existing section of the road approximately 780m north of the farm buildings, with new junctions constructed to the north-east and north-west. The completed road would slightly alter the baseline appearance of the road but would only have a negligible adverse impact on the contribution of the resource's setting to its value, which is derived from the historic connection between farm land and farm buildings.	Negligible Adverse	Slight Adverse
08-0026	Barn 40 metres east of Castle Farmhouse	The resource holds architectural and historic interest as a surviving part of an 18th century farm complex.	The barn's setting is formed by the landscape of enclosed fields which surround it on all sides, contributing to its value through the historic association of farmland and farm buildings. It is part of a group with Castle Farmhouse (08-0024) and the relationship between the two buildings contributes to its value.	High	The Project would include the widening of an existing section of the road within the listed building's setting and the construction of the redeveloped junction at Cross Lanes is located approximately 500m south of the building. The completed Project would be theoretically visible but would not alter the contribution of the resource's setting to its value	Negligible Adverse	Slight Adverse
08-0033	Stable yard cottage, to south west of Rokeby Park	The resource derives historic and architectural interest from its association with the nearby Rokeby estate and as an example of (likely) 18th century local architecture.	The setting of the building is strongly linked to its location within Rokeby Park, as it is an ancillary building to the country house. It is part of a small group of buildings within Rokeby Park (08-0048) which are ancillary to, but screened from, the country house (08-0011). The group includes the garden house (08-0021), stable block (08-0045) and farm buildings (08-0035). There are views towards the road corridor, although these are partially screened by woodland.	High	The proposed works would include the widening of an existing section of the road and the construction of a new offline section to the south and south-west of the resource. The stable yard cottage is an ancillary building of Rokeby Park (08-0011) and its relationship to the country house and other buildings within the parkland, particularly with the small group of ancillary buildings it is within (08-0021, 08-0035 and 08-0045) makes a positive contribution to its value. The completed road would slightly alter the baseline appearance of the road but would not alter the contribution of the resource's setting to its value.	Negligible Adverse	Slight Adverse
08-0035	Farm building group to north of Garden House	The resource derives historic and architectural interest from its association with the nearby Rokeby estate and as an example of the local architectural vernacular for agricultural buildings during the 18th century.	The setting of the building is strongly linked to its location within Rokeby Park, as it is an ancillary building to the country house. It is part of a small group of buildings within Rokeby Park (08-0048) which are ancillary to, but screened from, the country house (08-0011). The group includes the garden house (08-0021), stable yard cottage (08-	High	The proposed works would include the widening of an existing section of the road and the construction of a new offline section to the south and south-west of the resource. The farm building group are ancillary buildings of Rokeby Park (08-0011) and their relationship to the country house and other buildings within the parkland, particularly with	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			0033) and stable block (08-0045). There are views towards the road corridor, although these are partially screened by woodland.		the small group of ancillary buildings they are within (08-0021, 08-0033 and 08-0045) makes a positive contribution to their value. The completed road would slightly alter the baseline appearance of the road but would not alter the contribution of the resource's setting to its value.		
08-0041	The Square	The resource derives historic and architectural interest as an example of a modified 18th century public house.	The setting of the building is formed by the settlement of Greta Bridge which contributes to its historic interest.	High	The proposed works would include the widening of an existing section of the road and the construction of a new offline section of road to the north-west of the resource, although this would likely be largely screened by trees and buildings, and the building is only partially within the ZVI.	Negligible Adverse	Slight Adverse
08-0045	Stable block 180 metres south-west of Rokeby Park	The resource derives historic and architectural interest as an example of the local rural architecture from the 18th century and from its historic association with the Rokeby Estate.	The setting of the building is strongly linked to its location within Rokeby Park, as it is an ancillary building to the country house which contributes to its value. It is part of a small group of buildings within Rokeby Park (08-0048) which are ancillary to, but screened from, the country house (08-0011). The group includes the garden house (08-0021), stable yard cottage (08-0033), and farm buildings (08-0035). While the road corridor is visible, views are partially screened by woodland.	High	The proposed works would include the widening of an existing section of the road and the construction of a new offline section to the south and south-west of the resource. The stable block is an ancillary building of Rokeby Park (08-0011) and its relationship to the country house and other buildings within the parkland, particularly with the small group of ancillary buildings it is within (08-0021, 08-0033 and 08-0035) makes a positive contribution to its value. The completed road would slightly alter the baseline appearance of the road but would not alter the contribution of the resource's setting to its value.	Negligible Adverse	Neutral

Stephen Bank to Carkin Moor

8.10.4.10 A total of 50 heritage resources located within the study area and ZVI of this scheme would receive a permanent construction effect. Of these, two would be significant .

Table 16: Stephen Bank to Carkin Moor permanent construction impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
09-0001	Roman Fort and Prehistoric enclosed settlement 400m west of Carkin Moor Farm	The resource holds archaeological interest due to the presence of as yet unknown archaeological remains within the fort and adjacent Prehistoric settlement. It also has historical interest deriving both from its ability to enhance our understanding of the lives of its inhabitants and as a surviving part of an interconnected Roman landscape across the extent of the Project.	The fort is located on a slight hill with panoramic views to the east, south and west. Views from and towards the north of the fort are screened by the plantation of woodland. The A66 runs through the centre of the fort, following the line of the Roman road. The fort's location on the road alongside its dominant topographic position and long views are legible parts of its setting which contribute to its historic and archaeological interest.	High	The Roman Fort and Prehistoric enclosed settlement 400m west of Carkin Moor Farm (09-0001; high value) is bisected by the course of the A66 which runs in cutting through the centre of the Roman fort, following the approximate line of the Roman road. The resource lies partially within the Order Limit and will experience permanent, physical construction impacts as a result of the Project. To the south of the current road corridor, a small section of the resource will be removed to enable the construction of the retaining wall, which will form the southern side	Moderate Adverse	Moderate Adverse (Moderate Adverse)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					<p>of the improved road corridor. This wall will abut the remaining monument, creating a defined boundary for the resource and protecting it from subsequent encroachment and erosion from any future works carried out within the corridor. To the north, a small section from each corner immediately adjacent to the existing road corridor will be removed to facilitate the construction of the embankment. This will overlay the resource along the carriageway, enabling the new road corridor to sit within a 'cutting' without further impacts to the scheduled area being incurred. All works will take place in areas of the monument which border the existing carriageway and may therefore have experienced previous impacts from previous phases of construction and maintenance of the A66.</p> <p>The Project will result in permanent changes to the setting of the resource, as a result of the new, offline, section curving north immediately to the west. The scheduled monument is intrinsically linked to the course of the A66; a road of at least Roman date which passed directly through the Roman fort. The retention of the road as it passes through the fort enables that historic connection to continue. The original line of the road to the west will be retained as a local access road, however, the new offline section will alter the setting of the fort and change the course of the road as the primary route through the landscape surrounding the resource, a position it has maintained for nearly two millennia. A new access road will be constructed to the south of the resource, extending the route of Warrener Lane to the north-west, past the scheduled monument, intersecting with the original route of the A66 to the south of the new offline section. The new road will serve as access to four new balancing ponds which will be located to the south-west and north-east of the resource, introducing landscaped elements immediately adjacent to the southern part of the fort. The combination of physical impacts from the construction of the scheme and the changes to the resource's setting would, without mitigation, result in a moderate adverse impact, resulting in a moderate adverse environmental value of effect.</p>		

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
09-0020	Roman Vicus at Carkin Moor Roman Fort	The resource holds archaeological interest due to the presence of as yet unknown archaeological remains within the Roman settlement. It also has historical interest deriving both from its ability to enhance our understanding of the lives of its inhabitants and as part of a series of surviving contemporary elements visible across the surrounding elements.	A probable Roman roadside settlement identified to the west of Carkin Moor Roman fort, lying to the south of remains of the Roman road (09-0020). It is possible that these remains may be of schedulable quality and, as a result, it has been assessed as being of high value. The resource's setting adjacent to the Roman Fort contributes to its value.	High	Trial trenching evaluation has further confirmed the presence of archaeological remains in this area, suggesting a settlement which extended some way back from the Roman road and which may have also included industrial and/or craft areas, within the settlement. These, and previously identified features of the resource in the northern part of the vicus, lie within the Order Limits and will be removed by construction activities associated with the widening of the carriageway and construction of access road to the south (creation of verges, landscaping and laying of hardstanding). Without mitigation the result of the proposed works will be a moderate adverse effect on an resource of high value, generating a moderate adverse environmental value of effect. The effect is considered to be moderate, as opposed to major, due to the Scheme impacting only parts of the resource, the extent of which has yet to be fully defined.	Moderate Adverse	Moderate Adverse (Moderate Adverse)
09-0017	Post- Medieval milestone, on the A66 close to Carkin Moor Roman fort, East Layton	The milestone has architectural and historic interest deriving from its placement and use as a milestone marker. The milestone has the potential to increase understanding of past communication routes and transport activity along the historic route of the A66.	The milestone has a roadside location and indicates the distance from its location to local landmarks. Its specific placement and roadside setting make a positive contribution to the environmental value of the resource.	Low	Survival not ground truthed. If present, it would be removed by the construction of the approach to the Moor Lane eastbound junction.	Major Adverse	Moderate Adverse (Slight Adverse)
09-0018	Post- Medieval milestone, on the A66 north-west of Fox Hall cottage, East Layton	The milestone has architectural and historic interest deriving from its placement and use as a milestone marker. The milestone has the potential to increase understanding of past communication routes and transport activity along the historic route of the A66.	The milestone has a roadside location and indicates the distance from its location to local landmarks. Its specific placement and roadside setting make a positive contribution to the environmental value of the resource.	Low	Survival not ground truthed. If present, it would be removed by the construction of the approach to the Moor Lane eastbound junction.	Major Adverse	Moderate Adverse (Slight Adverse)
09-0044	Possible circular enclosure, 100m south of Monks Rest Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
09-0070	Prehistoric Field System	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural and Romano-British landscape which surrounds it, and contributes to its historic value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
09-0119	Drainage System	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource is the surrounding agricultural landscape which contributes positively to its historic interest.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Neutral)
09-0138	Cluster of three small pits	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Moderate Adverse (Slight Adverse)
09-0047	Series of Bronze Age Ring Ditches, approximately 65m south of Carkin Roman Fort and Prehistoric Settlement	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The resource's setting is formed by the surrounding landscape of Carkin Moor Fort and associated earlier Prehistoric features which contribute to its historic value as part of an interconnected prehistoric landscape.	Medium	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Moderate Adverse (Slight Adverse)
09-0083	Ravensworth Conservation Area	The resource has architectural, archaeological and historic interest derived from its potential to contain archaeological material relating to the origins of the settlement as an early medieval village and the surviving local, post-medieval architectural vernacular.	The setting of the resource comprises the agricultural landscape which surrounds the settlement comprising open fields and piecemeal enclosure. This contributes to its historic interest.	Medium	When completed, the Project will result in the de-trunking of the A66 to the north of the Conservation Area with traffic rerouted along the new offline section of the Scheme to the north.	Negligible Beneficial	Slight Beneficial
09-0022	Possible Mineral extraction site	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Negligible	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Slight Adverse
09-0060	Former Field boundary, 380m south of West Layton Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Negligible	Buried archaeological remains within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Major Adverse	Slight Adverse
09-0021	Possible site of Roman quarrying and rectangular enclosure	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	The eastern corner of the resource lies within the Order Limit and will be removed as part of the Project.	Moderate Adverse	Slight Adverse
09-0024	Palaeochannels, 400m west of West Layton	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0025	Palaeochannels, 580m north of Duns Manor, north of the A66	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		archaeological evidence of past human behaviour.			ground works will result in the loss of associated physical evidence.		
09-0028	Circular platform and possible Ring Ditches, 240m east of Foxholme	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0029	Possible earthwork, 250m east of Warrener Lane	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0031	Mound, 555m north-east of Pondale Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0032	Mound, 95m north of Green Bank Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0035	Possible palaeochannels, 125m south of Carkin Moor Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0036	Possible circular enclosure, 255m east of Monks Rest Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0038	Mound, at Mains Gill	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0039	Possible circular enclosure, 285m south-east of Foxholme	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0041	Unknown linear feature(s), 430m north of Browson Bank, north of the A66	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		archaeological evidence of past human behaviour.					
09-0042	Possible cropmarks, 65m east of the terminus of New Road	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0045	Cropmarks, 30m west of the terminus of New Road	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0052	Former Field boundary, 220m north-east of Old Duns	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0054	Former Field boundary, 580m north-east of Browson Bank, north of the A66	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0055	Former Field boundary, 215m north of Duns Manor	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0057	Former Field boundary, 150m of Green Bank Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0058	Former Field boundary, 60m of Green Bank Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0059	Former Field boundary, 120m south of West Layton Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0061	Former Field boundary, 220m south of West Layton Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		archaeological evidence of past human behaviour.					
09-0062	Former Field boundary, 470m north-east of Foxwell Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0066	Evidence of woodland management in Street Plantation	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0067	Faint linear feature, likely a former Field boundary.	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	The setting of the resource comprises the agricultural landscape which surrounds it and contributes to its historic value.	Negligible	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0068	Possible tree ring enclosure cropmark	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Moderate Adverse	Slight Adverse
09-0126	Fox Well	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The setting of the resource is formed by the structures comprising the Fox Well complex, its grounds and the surrounding agricultural landscape, this contributes to its historic interest. There is also a historic connection between the resource and the route of the A66.	Low	The new offline section, when completed, will be mostly in cutting, however it will sever the connection between the resource and the agricultural landscape to the north. A new balancing pond will be constructed to the immediate east within a land parcel currently under pasture, introducing a new industrial element. The A66 to the south of the resource will be retained but will be detrunked, resulting in greatly reduced traffic flows but generating a new sense of enclosure around the resource. These changes to the setting of the resource will result in a moderate adverse impact.	Moderate Adverse	Slight Adverse
09-0127	Fox Grove	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The setting of the resource is formed by the structures comprising the Fox Grove complex, its grounds and the surrounding agricultural landscape, this contributes to its historic interest. There is also a historic connection between the resource and the route of the A66.	Low	The new offline section, when completed, will be mostly in cutting, however it will sever the connection between the resource and the agricultural landscape to the north. A new balancing pond will be constructed to the immediate east within a land parcel currently under pasture, introducing a new industrial element. The A66 to the south of the resource will be retained but will be detrunked, resulting in greatly reduced traffic flows but generating a new sense of enclosure around the resource.	Moderate Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					These changes to the setting of the resource will result in a moderate adverse impact.		
09-0132	Monks Rest Farm	The resource holds historic and architectural interest as examples of the historic local architectural vernacular.	The resource's immediate setting is the farm complex within which it is sited and the wider surrounding rural landscape.	Low	The resource lies within the Order Limit, but will not be demolished as part of the Scheme. However, a substantial new junction will be constructed in a cutting to the immediate south-west of the resource, introducing a major new industrial element to its largely rural setting.	Moderate Adverse	Slight Adverse
09-0008	Ravenworth Lodge and attached outbuilding	The resource holds historic and architectural interest as an example of the local architectural vernacular of the 19th century.	Ravenworth Lodge has always had a roadside setting. It faces directly onto the A66 and is located within a clearly demarked parcel of land. The A66 contributes to its historic interest.	High	The section of the A66 that Ravenworth Lodge faces onto would be detrunked, with a new offline section starting immediately north-west of the resource. While this would increase the visibility of both the existing road, and new off-line carriageway, in views from the listed building. A balancing pond will be constructed to the south-west of the resource creating a new landscaped element within the setting of the lodge. Construction would change the setting of the building but would not alter any elements contributing to its value and the relationship with the original course of the road would be maintained.	Minor Adverse	Slight Adverse
09-0012	Rectilinear enclosure, adjacent to Carkin Moor Roman fort, East Layton	The resource holds archaeological interest due to the presence of as yet unknown archaeological remains within the Prehistoric settlement. It also has historical interest deriving both from its ability to enhance our understanding of the lives of its inhabitants and as part of a series of surviving contemporary elements visible across the surrounding landscape.	The resource is located on a slight hill with panoramic views to the east, south and west. Views from and towards the north of the site are screened by the plantation of woodland. The A66 runs through the centre of the Carkin Moor fort, following the line of the Roman road. Long views across the landscape which contains surviving contemporary elements are legible parts of its setting and contribute to its historic and archaeological interest.	Medium	The buried remains of the enclosure lie within the Order Limits at their far western extent. These are within an area which will be used as a compound and the Project will therefore result in physical impacts to the resource during the construction phase, removing a small part of the enclosure. The setting of the resource will be altered by the new offline road to the south and west however, the probable setting relationship to the prehistoric settlement site to the south-east would not be affected.	Minor Adverse	Slight Adverse
09-0027	Linear feature, 440m north of Foxwell Farm	Buried archaeological remains with archaeological and historic interest deriving from their potential to provide archaeological evidence of past human behaviour.	Undated archaeological feature within the Order Limits. The resource's setting does not contribute to its value.	Low	Potential for buried archaeological remains partially within the Order Limits. Any below ground works will result in the loss of associated physical evidence.	Minor Adverse	Slight Adverse
09-0128	Fox Hall Public House	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The resource is situated adjacent to the historic A66 corridor; it derives value from this historic association as a historic public house alongside a busy public highway.	Low	The new offline section of the Scheme will be visible to the north-west contributing to a new sense of enclosure within the surrounding, and historically agricultural, landscape. The offline section of the Scheme will also introduce a new industrial element to the setting of the resource.	Minor Adverse	Slight Adverse
09-0129	Fox Hall Farm	The resource holds historic and architectural interest as an example of	The resource is situated adjacent to the historic A66 corridor; it derives value from this historic association with the surrounding agricultural	Low	The new offline section of the Scheme will be visible to the north-west contributing to a new sense of enclosure within the surrounding, and	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		the historic local architectural vernacular.	landscape and has always been sited adjacent to a busy public highway.		historically agricultural, landscape. The offline section of the Scheme will also introduce a new industrial element to the setting of the resource.		
09-0135	Mainsgill Farm	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The resource is situated adjacent to the historic A66 corridor which forms part of its setting, alongside the farm complex within which it is sited and the wider surrounding rural landscape	Low	The new offline section of the Scheme will be visible to the north-west contributing to a new sense of enclosure within the surrounding historically agricultural landscape. The offline section of the Scheme will also introduce a new industrial element to the setting of the resource.	Minor Adverse	Slight Adverse
09-0002	Ravensworth Motte and Bailey Castle, Water Defence Features, Park Pale and Shrunken Medieval Village	The surviving structural remains of the castle hold architectural interest as an example of medieval defensive and high status architecture. The long term occupation of the site means that it holds archaeological interest, pertaining to now buried remains within the resource's extent.	The castle is located to the south of the village of Ravensworth, which is in an area of gently rolling fields between the higher ridge followed by the A66 and the high ground of the Pennines to the south-west. The setting of the castle makes a positive contribution to its environmental value as a defensive military structure designed to have long views over the landscape. Views of the castle would also have been important historically, underpinning its dominant presence politically and socially through its visual dominance.	High	The new offline section, when completed, will be mostly in cutting, with only the western part potentially visible from the scheduled monument, which is largely screened by the buildings in Ravensworth village and by the intervening distance. The remaining parts of the Scheme are online and will be only minimally different to the baseline. The setting of the castle makes a positive contribution to its environmental value as a defensive military structure designed to have long views over the landscape. Views towards the castle are unlikely to be adversely impacted. Views from the castle, towards the road, would be slightly altered through the addition of the new offline section, but not in a way which would have a more than negligible adverse impact.	Negligible Adverse	Slight Adverse
09-0003	Two Moated Sites, the site of a dovecote and further associated features 120m north west and 180m north of the Old Hall	The long term occupation of the site means that it holds archaeological interest, pertaining to now buried remains within the resource's extent and historic interest due to being an example of historic domestic fortifications and landscape stratification.	The moated sites are set within an agricultural landscape and there are several related earthworks associated with the scheduled monument. As the site of a manorial residence, the connection between the site and the (now lost) village and the farmland associated with it, mean that the current setting makes a positive contribution to the monument's value.	High	The majority of the resource lies outside of the ZVI. The new offline section, when completed, will be mostly be within a cutting, with only the western, banked, part potentially visible from the scheduled monument. The remaining parts of the Scheme are online and will be only minimally different to the baseline. The setting of the moated sites, while making a positive contribution, is not linked to the road or likely to be altered in any significant way by changes in the road layout to the south.	Negligible Adverse	Slight Adverse
09-0005	Hay Barn	The resource holds historic and architectural interest as an example of 18th/ 19th century local agricultural architecture.	The Hay Barn's setting is formed by the group of farm buildings it is within, and the settlement of West Layton and its fields beyond. It is a grand building, despite its functional nature, and appears to have been designed to be visually impressive. Its setting within the village and farm complex, therefore, makes a positive contribution to its value, and it has a functional setting relationship to the fields which surround the farm.	High	The Hay Barn is a listed agricultural building located within a complex of farm buildings in the small village of West Layton Although it is within the ZVI, and the Project is likely to be visible in views to the south-east, these views are at least partially screened and the farmyard and field setting would not be altered beyond, potentially, a slightly modernised aspect through the increased views would have a negligible adverse magnitude of impact.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
09-0084	East Layton Conservation Area	The resource has architectural, archaeological and historic interest derived from its potential to contain archaeological material relating to the origins of the settlement as an early medieval village and the surviving local, post-medieval architectural vernacular.	The setting of the resource comprises the historic field systems to the south of the village and wider agricultural landscape, both of which contribute to its historic interest.	Medium	Construction will result in a new industrial element to the south of the Conservation Area, in the form of the new offline section of the Scheme, however it will be at a distance of c.800m and restricted to limited views only. The overwhelmingly rural setting of the Conservation Area and the group value derived from the coherent survival of the heritage resources within the village will not be impacted by the Project.	Negligible Adverse	Slight Adverse

A1(M) Junction 53 Scotch Corner

8.10.4.11 None of the heritage resources located within the study area or ZVI for the A1(M) Junction 53 Scotch Corner Scheme would receive permanent construction impacts and effect.

8.10.5 Heritage resources which would receive operation impacts and effects

8.10.5.1 In total, 80 heritage resources would receive an operation impact and effect because of the Project. As stated in Section 8.10.1, the following sub-sections present the impact assessment table for each scheme with each table arranged in a descending scale of effect. Significant effects are presented in **bold** text and in instances where the mitigation of an impact has been proposed, the residual effect is shown in brackets.

8.10.5.2 Further information regarding the assessment methodology can be found in Section 8.10.1 of this appendix and Section 8.4 of ES Chapter 8 Cultural Heritage. Details of the proposed mitigation measures can be found in Section 8.8 of ES Chapter 8: Cultural Heritage (Application Document 3.2) and Annex B3: Detailed Heritage Mitigation Strategy within the EMP (Application Document 2.7). Further information regarding the affected heritage resources can be found in Section 1.2 of ES Appendix 8.8: Gazetteer.

Routewide

8.10.5.3 None of the routewide heritage resources would receive permanent construction impacts and effects.

M6 Junction 40 to Kemplay Bank

8.10.5.4 A total of eight heritage resources located within the study area and ZVI of this scheme would receive an operation effect. Of these, none would be significant.

Table 17: M6 Junction 40 to Kemplay Bank permanent operation impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
01-0095	Toll Bar Cottage	Toll Bar Cottage has architectural and historic interest deriving from its early nineteenth century cottage construction and date, and its roadside nature and historic use as a Toll house on a Toll road.	Toll Bar Cottage has a roadside setting fronting directly onto the Kemplay Bank roundabout, existing A66 and Kemplay Bank road. To the rear, it has an enclosed garden setting with tree lines providing screening from the existing A66. The historic roadside setting makes a positive contribution to the environmental value of the resource.	High	The project will see the alignment of the A66 move closer to the cottage, resulting a potential increase in noise and visual impacts. This will result in a minor change to the environmental value of the resource's setting. The creation of an underpass will serve to potentially reduce the operational impacts from traffic, reducing the impacts.	Minor Adverse	Slight Adverse
01-0002	Mayburgh henge	Mayburgh Henge has architectural, archaeological and historic interest deriving from its unusual design with a much larger and more monumental enclosing bank than is normally the case for a henge, as well as its lack of internal ditch. The scheduling notes	Mayburgh Henge is located adjacent to the M6, a short distance from the confluence of the Rivers Eamont and Lowther. The henge is set within hedged fields to the north and east, leading down towards the River Eamont to the north and towards Eamont Bridge village and another henge, King Arthur's Round Table (01-0003), to the east. There is	High	The henge lies within the ZVI. Setting impacts are presumed in the form of low level occasional noise and visual changes associated with use of access road to pond. However, this change to setting will not lessen the environmental value of the resource.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		that despite the removal of some of the stones in the centre of the site and limited quarrying of the surrounding bank, this site survives well and remains a visually impressive monument in the landscape, forming one of a group of three henges near the confluence of the Eamont and Lowther rivers.	a house and garden fence which encroach onto the henge, and a hedged road with the M6 beyond bordering the henge to the southwest. From within the henge, the setting is enclosed and views are restricted by the earthwork bank, with an eastern entrance to the henge providing limited views towards King Arthur's Round Table (01-0003) and the southern end of Eamont Bridge village. From the top of the bank, the setting is open within fields with views across the River Eamont valley, although both the route of the M6 and the A66 are screened by trees. The rural field setting and views towards King Arthur's Round Table (01-0003) make a positive contribution to the environmental value of the resource.				
01-0041	North Bank	North Bank has architectural and historic interest for its Victorian Gothic construction and date, and the development of Eamont Bridge village.	North Bank has an enclosed garden setting, surrounded by a low stone wall and views south over the River Eamont and stables and buildings of the riding centre to the rear. The enclosed garden setting makes a positive contribution to the environmental value of the resource.	High	The building is within the ZVI. The A66 is already visible from North Bank, but the alignment will move southwards closer to the resource, which will increase the visual intrusion of the A66. However, planting is proposed to increase screening and reduce any adverse impacts. The Project also includes the construction of a pond and associated access road to the west of the resource. A low level of occasional vehicle movement would be anticipated on the access road for pond maintenance.	Negligible Adverse	Slight Adverse
01-0108	Eamont Lodge	Eamont Lodge has architectural and historic interest for its late Georgian construction including a long round-headed sash window and the past development of Eamont Bridge village.	Eamont Lodge has a roadside setting enclosed within Eamont Bridge village, which makes a positive contribution to the environmental value of the resource.	High	The building is within the ZVI. The A66 is already visible from Eamont Lodge, but the alignment will move southwards closer to the resource. The change of alignment will increase noise level and visual intrusion from road traffic to the setting of Eamont Lodge. Mitigation planting to improve screening will reduce the impacts.	Negligible Adverse	Slight Adverse
02-0002	Brougham Roman fort (Brocaum) and civil settlement and Brougham Castle	Brougham Roman fort and its associated civil settlement and Brougham medieval castle have high architectural, archaeological and historic interest derived from the upstanding architectural and buried archaeological remains and their potential to increase understanding of past Roman military occupation and fort design and use, Roman civil settlement activity and landuse, the medieval reuse and adaptation of	Brougham Roman fort and associated civil settlement and Brougham medieval castle are located adjacent to the River Eamont and the historic route of the A66. The buried archaeological remains are in close association with the historic route of the A66 and surrounding Roman period archaeological remains, while the upstanding remains of the medieval castle retain their setting within a rural agricultural landscape adjacent to the historic route of the A66 although partially screened from the route by trees and intervening cottages, with views across the River Eamont valley. The strategic road and riverside setting within a rural agricultural landscape makes a	High	Located partially within the ZVI. However, operational impacts are anticipated to be comparable to the baseline.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		former Roman sites, and medieval military and civilian castle settlements.	positive contribution to the environmental value of the resource.				
01-0008	Yanwath Hall	Yanwath Hall has architectural, archaeological and historic interest deriving from its nature as a fortified tower and hall dating from the early or mid fifteenth century with later alterations, and its potential to increase understanding of medieval fortified houses within the North West.	Yanwath Hall is located in an enclosed farmyard setting bordered by the River Eamont to the north and railway line to the east. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	The resource lies partially within ZVI. The proposed works include an area of woodland and forest planting to the west of the resource, which will further screen the resource from the M6 and the proposed scheme.	Negligible Beneficial	Slight Beneficial
01-0011	Courtyard Range Adjoining Yanwath Hall	The buildings have architectural, archaeological and historic interest deriving from its fifteenth and sixteenth century construction and association with Yanwath Hall (01-0008).	The partly fortified stables, barn and brewhouse are located in an enclosed farmyard setting in association with Yanwath Hall (01-0008), bordered by the River Eamont to the north and railway line to the east. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	The resource lies partially within ZVI. The works include an area of woodland and forest planting to the west of the resource, which will further screen the resource from the M6 and the Project.	Negligible Beneficial	Slight Beneficial
01-0109	Barns East Of Yanwath Hall	The barns east of Yanwath Hall have architectural and historic interest for their early nineteenth century construction and their association with the historic site of Yanwath Hall.	The barns east of Yanwath Hall are located in an enclosed farmyard setting in association with Yanwath Hall (01-0008), bordered by the River Eamont to the north and railway line to the east. The enclosed farmyard setting makes a positive contribution to the environmental value of the resource.	High	The resource lies partially within ZVI. The works include an area of woodland and forest planting to the west of the resource, which will further screen the resource from the M6 and the Project.	Negligible Beneficial	Slight Beneficial

Penrith to Temple Sowerby

8.10.5.5 A total of six heritage resources located within the study area and ZVI of this scheme would receive an operation effect. Of these, four would be significant.

Table 18: Penrith to Temple Sowerby permanent operation impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
03-0005	St Ninian's preconquest monastic site, site of nucleated medieval settlement, St Ninian's Church and churchyard	The site of St Ninian's church, monastic and settlement site has architectural, archaeological and historic interest deriving from the surviving seventeenth century church at the site, the surviving architectural elements and buried archaeological remains associated with the preceding Medieval church at the site, as well as the buried archaeological remains of the Early Medieval monastic site and the deserted medieval settlement of Brougham village. The St Ninian's site has the potential to increase understanding of Early Medieval monasticism and the spread of Christianity in the North West, the	The site of St Ninian's church, monastic site and deserted medieval village of Brougham are located in a rural agricultural and pastureland setting within a bend of the River Eamont that is approached from the south via a footpath that descends towards the site and the River Earmont. The site's lower elevation by the River Eamont within the surrounding higher landscape and the screening from woodland areas beyond the site in all directions adds to the sense of tranquillity at the site. The standing building remains of the seventeenth century church are set within an enclosed churchyard setting, ringed with trees and a drystone wall which partially screen the church from exterior view, which makes a positive contribution to the environmental value of the church and churchyard. The faint earthworks and buried	High	The resource lies partially within the ZVI. A new accommodation overbridge will be constructed at the eastern end of this scheme, but at a far distance from the resource. A new priority left-in/left-out junction will enable access to the road leading to the car park and PRoW 311/013 to St Ninian's Church from the A66 eastbound carriageway. The existing car park will be relocated within the site. This will improve accessibility to the site and contribute to the greater understanding of the architectural, archaeological and historic interest of the site amongst stakeholders and the general public. While the completed road will slightly alter the baseline appearance of the road it would not	Minor Beneficial	Moderate Beneficial

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		changing pattern of settlement and land use from the Early Medieval to the post medieval period at Brougham, changing architectural forms of church and churchyard construction and use, and the potential for earlier human activity at the site visible through earthwork remains, cropmarks and archaeological survey.	archaeological remains of the earlier church, monastic site and deserted medieval village of Brougham surround the churchyard and the spatial association between each these elements also makes a positive contribution to the environmental value of these resources.		significantly alter the contribution of the resource's setting to its value and the existing screening will reduce this impact.		
03-0006	Countess's Pillar	The Countess Pillar has architectural and historic interest deriving from its unique nature as a commemorative marker erected by an important historical figure, Lady Anne Clifford in memory of her mother. The neighbouring monument of the Alms Table is mentioned in the inscription and provides group value. The Scheduling notes that the monument provides insight into the importance of the nobility in the earlier post-medieval period and their role in establishing landmarks and commemorative monuments.	The Countess Pillar is located on the roadside to the south of the A66, enclosed within railings, with the location specifically chosen to commemorate the place where Lady Anne Clifford and her mother last parted where the A66 met the Brougham Castle drive in the seventeenth century. Additionally, the position and alignment of the monument is related to the sundials on its sides, and the placement of the Countess Pillar makes a positive contribution to the environmental value of the resource.	High	The pillar and associated scheduled area are located within the Order Limits. Operation of the project is likely to be very similar to baseline. A new amenity parking area and footway access for the Countess Pillar will enable better access to the site and contribute to the greater understanding of the architectural and historic interest of the site amongst stakeholders and the general public.	Minor Beneficial	Moderate Beneficial
03-0007	Alms Table Beside Countess's Pillar	The Alms Table has architectural and historic interest deriving from its group value with the neighbouring monument the Countess Pillar, its historic use for the distribution of alms on 2nd April each year since 1656, the importance of the nobility in the earlier post-medieval period and their role in establishing landmarks and commemorative monuments.	The Alms Table is located on the roadside to the south of the A66, enclosed within railings and adjacent to the Countess Pillar, with the location of both specifically chosen to commemorate the place where Lady Anne Clifford and her mother last parted where the A66 met the Brougham Castle drive in the seventeenth century. The placement of the Alms Table makes a positive contribution to the environmental value of the resource.	High	The Alms Table is located within the Order Limits. Operation of the project is likely to be very similar to baseline. A new amenity parking area and footway access for the Countess Pillar will enable better access to the site and contribute to greater understanding of the architectural and historic interest of the site amongst stakeholders and the general public.	Minor Beneficial	Moderate Beneficial
03-0012	Church Of St Ninian	The Church of St Ninian, or Ninekirks, has architectural, archaeological and historic interest deriving from the surviving seventeenth century church at the site, the surviving architectural elements and buried archaeological remains associated with the preceding medieval church at the site, as well as the surrounding buried archaeological remains of the Early Medieval monastic site and the deserted medieval settlement of Brougham village. The Church of St Ninian has the potential to increase understanding of changing architectural forms of church and churchyard construction and use, as well as the Early Medieval monasticism and the spread of Christianity in the North West, the changing pattern of settlement	The Church of St Ninian, or Ninekirks, is located in a rural agricultural and pastureland setting within a bend of the River Eamont that is approached from the south via a footpath that descends towards the Church and the surrounding early medieval monastic and deserted medieval settlement site and the River Earmont. The site's lower elevation by the River Eamont within the surrounding higher landscape and the screening from woodland areas beyond the Church in all directions adds to the sense of tranquillity at the site. The standing building remains of the seventeenth century church are set within an enclosed churchyard setting, ringed with trees and a drystone wall which partially screen the church from exterior view, which makes a positive contribution to the environmental value of the church and churchyard. The faint earthworks and buried archaeological remains of the earlier church,	High	Located outside the ZVI. A new accommodation overbridge will be constructed at the eastern end of this scheme, but at a far distance from the resource. A new priority left-in/left-out junction will enable access to the road leading to the car park and PRoW 311/013 to St Ninian's Church from the A66 eastbound carriageway. The existing car park will be relocated within the site. This will improve accessibility to the site and contribute to the greater understanding of the architectural, archaeological and historic interest of the site amongst stakeholders and the general public. While the completed road will slightly alter the baseline appearance of the road it would not significantly alter the contribution of the	Minor Beneficial	Moderate Beneficial

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		and land use from the Early Medieval to the post medieval period at Brougham, and the potential for earlier human activity at the site visible through earthwork remains, cropmarks and archaeological survey.	monastic site and deserted medieval village of Brougham surround the churchyard and the spatial association between each these elements also makes a positive contribution to the environmental value of these resources.		resource's setting to its value and the existing screening will reduce this impact.		
03-0188	Whinfell	Whinfell farm buildings have architectural and historic interest deriving from their pre-1860 construction and use and provide an example of vernacular farming architecture.	Whinfell farm buildings retain their enclosed farmyard setting within a larger agricultural field landscape which makes a positive contribution to the environmental value of the resource.	Low	Former farm buildings within the ZVI. Works include the realignment of the existing access to the Whinfell Park Cottages and a new underpass will be built to allow farm access from both sides of the carriageway.	Negligible Adverse	Neutral
03-0191	Whinfell House	Whinfell House farm buildings have architectural and historic interest deriving from their pre-1860 construction and use and provide an example of vernacular farming architecture.	Whinfell House farm buildings retain their enclosed farmyard setting within a larger agricultural field landscape which makes a positive contribution to the environmental value of the resource.	Low	Farm buildings within the ZVI. Works include the removal of access to the A66 from the track that leads from Whinfell House, access will instead be via the local road network.	Negligible Adverse	Neutral

Temple Sowerby to Appleby

8.10.5.6 A total of 28 heritage resources located within the study area and ZVI of this scheme would receive an operation effect. Of these, none would be significant.

Table 19: Temple Sowerby to Appleby permanent operation impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0003	Kirkby Thore Roman Fort and Associated Vicus	The Roman fort Bravoniacum and its associated vicus at Kirkby Thore has architectural, archaeological and historic interest deriving from the visible remains of the rampart, the buried archaeological remains of the fort and vicus, and its potential to increase understanding of past Roman occupation and settlement at Kirkby Thore and the later development of Kirkby Thore village.	The Roman fort Bravoniacum and its associated vicus is located in agricultural fields at the southern end of the of the village of Kirkby Thore. The existing A66 following the route of the Roman Road cuts through the southwest part of the scheduled area, while the modern Main Street of the village bisects the scheduled area north to south. Although the archaeological and structural remains of the fort have been denuded by ploughing in the past, the rampart remains visible as a low but distinct terrace. The spatial association between the Roman fort Bravoniacum and its associated vicus, the route of the Roman Road and the later development of Kirkby Thore village makes a positive contribution to the environmental value of the resource.	High	The proposed works include the realignment of the A66 within the setting of the fort and vicus. The realignment of the A66 will see it moved further from the site and divert traffic which currently passes through the site, while still retaining the former route of the A66 following the Roman Road through the scheduled area which has a beneficial spatial association to the scheduled monument, resulting in minor beneficial impacts.	Minor Beneficial	Slight Beneficial
0405-0001	Farmstead 700 yards NNW of Redlands Bank	The cropmark and enclosure has archaeological and historic interest deriving from their nature as buried archaeological remains and relating to the enclosure's past construction, use and abandonment and environmental deposits relating to the use of the surrounding landscape.	The cropmark and enclosure is located in a rural agricultural field setting close to the route of the Roman Road and in proximity to the broadly contemporary Roman temporary camp located 850m to the south-east. Taken together the monuments provide insight into the relationship between native settlement and Roman military fortifications during the Roman occupation of Britain, and this spatial	High	The enclosure is located within the ZVI. The proposed works include the construction of a new offline section of road within the site's vicinity but the existing route of the A66 preserving the former route of the Roman Road will still be preserved, retaining the relationship between the enclosure and the Roman Road towards the Roman Camp at Redlands Bank. As the realignment of the A66	Negligible Beneficial	Slight Beneficial

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			association makes a strong positive contribution to the environmental value of the resource.		will see it moved further from the site and traffic on the older route of the A66 (in closer proximity to the enclosure) reduced, it may result in minor beneficial impacts.		
0405-0004	Roman Camp, 350m east of Redlands Bank	The Roman camp located 350m east of Redlands Bank has architectural, archaeological and historic interest deriving from the earthwork remains of the defensive enclosure and traverses, and the cropmarks indicating buried archaeological remains at the site relating to the construction, use and abandonment of the Roman camp.	The Roman camp, which falls into three areas, has both earthwork and cropmark remains is sited parallel and on the south-west side the Roman road between Kirkby Thore and Brough within agricultural fields, on broadly level ground bisected by a steep sided gully. The monument is one of a number of Roman remains located along the route of the Roman road from Kirkby Thore to Brough, including the Kirkby Thore Roman fort and vicus to the north west and a Roman fortlet to the south east. Taken together these monuments provide insight into the Roman military strategy for the occupation of Britain, and this spatial association makes a positive contribution to the environmental value of the resource.	High	The proposed works include the realignment of the A66, from currently passing through the site and moving to the immediate north of the camp's site. As the realignment of the A66 will divert traffic which currently passes through the site, while still retaining the former route of the A66 following the Roman Road through the scheduled area which has a beneficial spatial association to the scheduled monument, it will result in negligible beneficial impacts.	Negligible Beneficial	Slight Beneficial
0405-0156	Kirkby Thore	The resource holds archaeological and historic interest as due to its potential to illustrate previous iterations of the settlement. Any surviving structural remains may also hold architectural interest.	The rural landscape which surrounds the settlement contributes to its historic interest.	Low	Site of a medieval village and associated field systems partially located within the ZVI and the Order Limits. Works will include the construction of a new offline section of road within the setting of the historic village and associated field systems area as defined by the HER. Given the distance of the site from the road and the presence of the existing road corridor in views, this would result in a moderate adverse impact.	Moderate Adverse	Slight Adverse
0405-0005	Roman Fortlet 200m SSE of Castrigg	The Roman fortlet at Castrigg has architectural, archaeological and historic interest deriving from the earthwork remains, cropmarks indicated buried archaeological remains at the site relating to the construction, use and abandonment of the Roman camp including the potential remains of a Roman signal station.	The Roman fortlet at Castrigg is located within an agricultural field with a footpath following the former route of the Roman Road bordering the site to the south. The monument is one of a number of Roman remains located along the route of the Roman road from Kirkby Thore to Brough, including the Kirkby Thore Roman fort and vicus and Roman camp near Redlands Bank to the north west. Taken together these monuments provide insight into the Roman military strategy for the occupation of Britain, and this spatial association makes a positive contribution to the environmental value of the resource.	High	The proposed works include the construction of a new offline section of road closer to the fortlet than the existent A66. As the realignment of the A66 will divert traffic closer to the fortlet, it will result in a minor adverse impact.	Minor Adverse	Slight Adverse
0405-0009	Kirkby Thore Hall	Kirkby Thore Hall has architectural and historic interest deriving from its historic connection to the Wharton family, fourteenth century construction and use, and later sixteenth and seventeenth additions and alterations.	Kirkby Thore Hall has been converted to farmhouse use and currently has a farmyard setting to the rear set within open agricultural fields, and approached by a tree lined drive leading from the Main Street.	High	The hall is located partially within the ZVI. The proposed construction of a new offline section of road to the north and east of the hall introduces a setting impact. As the realignment of the A66 will divert traffic closer to the hall it will result in minor adverse setting impacts.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0101	Coach house, Barns, Byres and Entrance arch to north of Spital Farmhouse	The resource holds architectural and historical interest as an example of a local agricultural structure from the 19th century.	The setting of the resource comprises its surrounding farm complex and the immediate surrounding rural landscape.	High	Located within the ZVI and in close proximity to the Order Limits. The proposed works include the construction of a new offline section of road and access routes within the buildings' setting. Given the distance of the buildings from the road and the presence of the existing road corridor in views, this would only result in a minor adverse impact.	Minor Adverse	Slight Adverse
0405-0102	Threshing barn and byre to east of Spital Farmhouse	The resource holds architectural and historical interest as an example of a local agricultural structure from the 19th century.	The setting of the resource comprises its surrounding farm complex and the immediate surrounding rural landscape.	High	Located within the ZVI and in close proximity to the Order Limits. The proposed works include the construction of a new offline section of road and access routes within the buildings' setting. Given the distance of the buildings from the road and the presence of the existing road corridor in views, this would only result in a minor adverse impact.	Minor Adverse	Slight Adverse
0405-0103	Spitals Farmhouse with Adjoining Stables, Byre, and Gin Gang	The resource holds architectural and historical interest as an example of a local agricultural structure from the 19th century.	The setting of the resource comprises its surrounding farm complex and the immediate surrounding rural landscape.	High	Located within the ZVI and in close proximity to the Order Limits. The proposed works include the construction of a new offline section of road and access routes within the buildings' setting. Given the distance of the buildings from the road and the presence of the existing road corridor in views, this would only result in a minor adverse impact.	Minor Adverse	Slight Adverse
0405-0472	Sleastonhow	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Site of former farmstead partially within the ZVI. Works include the construction of a new offline section of road within the setting of the former farmstead. However, the current vegetation provides screening.	Minor Adverse	Slight Adverse
0405-0474	Powis House	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Historic farm buildings within the ZVI and adjacent to the Order Limits. Works include the construction of a new offline section of road within the setting of the historic farmstead.	Minor Adverse	Slight Adverse
0405-0006	Church of St Margaret and St James	The Parish Church of St Margaret and St James has architectural, archaeological and historic interest deriving from its Early Medieval construction and use, which was incorporated into the later twelfth, fifteenth and sixteenth century construction and additions and the nineteenth century restoration work. The siting, construction and use of the parish church has potential to increase understanding of the local and regional spread of early Christianity.	The Parish Church of St Margaret and St James is located within a churchyard setting enclosed within stone walls and which is fully tree lined to the east and west but not to the south where there are views southwards across the agricultural landscape and the River Eden valley especially from the twelfth century church tower at the south end of the church. The enclosed churchyard setting and southwards views make a positive contribution to the environmental value of the resource.	High	The proposed works include the construction of a new offline section of road closer to the church than the existent A66. As the realignment of the A66 will divert traffic closer to the church, but still some distance away, it will result in negligible adverse impact.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0008	Church of St Michael	The Parish Church of St Michael has architectural, archaeological and historic interest deriving from its twelfth century construction and use. The siting, construction and use of the parish church has potential to increase understanding of the local and regional Medieval Christian church.	The Parish Church of St Margaret and St James is located within an enclosed churchyard setting, with the churchyard surrounded by stone walls and hedges, and encircled by trees. The enclosed churchyard setting makes a positive contribution to the environmental value of the resource.	High	The church is mainly screened from the project, aside from the west tower which lies within the ZVI. The proposed construction of a new offline section of road to the north of the church introduces a new setting impact. As the realignment of the A66 will divert traffic closer to the church it will result in minor adverse setting impacts.	Negligible Adverse	Slight Adverse
0405-0010	Mount Pleasant Farmhouse, cottage and attached cart shed	Mount Pleasant farmhouse, cottage and attached cart shed has architectural and historic interest deriving from their 1788 construction and use, and provides an example of vernacular farming architecture.	Mount Pleasant farmhouse, cottage and attached cart shed is located within a hedge and tree lined garden within an enclosed village setting, surrounded by a mix of older village buildings and modern housing development, with views southward from the front of the farmhouse across agricultural fields towards Kirkby Thore Hall.	High	The farmhouse is located within the ZVI. proposed works include the construction of a new offline section of road within the farmhouse's ZVI. The distance of the farmhouse from the proposed road alignment, and its location within the village environment will reduce the impacts.	Negligible Adverse	Slight Adverse
0405-0045	Wall to village pound and old fire engine house within; north west of Foresters' hall	The village pound and old fire engine house have architectural and historic interest deriving from their late eighteenth century construction and use, and later alterations and adaptations, and an example of a village pound.	The village pound has a central roadside location within Kirkby Thore village. Its enclosed village setting makes a positive contribution to the environmental value of the resource.	High	Located within the ZVI. The works include the construction of a new offline section of road within the resource's setting. Given the distance of the resource from the proposed works and the visual and aural screening provided by the resource's setting within the village, this would result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0046	Stone Cottage	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. The works include the construction of a new offline section of road within the cottage's setting. Given the distance of the cottage from the road and the presence of the existing road corridor in views, this would result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0048	Clickham Farmhouse	The resource holds architectural and historical interest as an example of a historic farm complex	The immediate farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	High	The farmhouse is located within the ZVI. The works include the construction of a new offline section of road within the farmhouse's setting. Given the distance of the farmhouse from the road and the presence of the existing road corridor, this would only result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0070	Edendale House	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Temple Sowerby and its immediate rural environs.	High	The house is located partially within the ZVI. The village setting and proximity to the current A66 will reduce the impact.	Negligible Adverse	Slight Adverse
0405-0076	Cottage granary to west of Mount Pleasant Farmhouse	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. The proposed works include the construction of a new offline section of road within the cottage's setting. Given the distance of the cottage from the road and its location within the village of Kirkby Thore, this would result in a negligible adverse impact.	Negligible Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
0405-0077	Thornercroft	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. The works include the construction of a new offline section of road within the setting of the house. Given the distance of the house from the scheme and its location within the village of Kirkby Thore, this would result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0078	Foresters' Hall	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. The works include the construction of a new offline section of road within the hall's setting. Given the distance of the hall from the road and its location within the village of Kirkby Thore, this would only result in a negligible adverse impact.	Negligible Adverse	Slight Adverse
0405-0079	Gateposts, walls and railings in front of Oak Tree House, Main Street	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises Main Street and the historic village core of Kirkby Thore.	High	Located within the ZVI. The works include the improvement of the existing cycle route along the existing A66 and the construction of a new offline section of road within the resource's setting. Given the presence of the existing A66 road corridor in views, and the resource's location on the far side of the village of Kirkby Thore from the new offline section of road, this would only result in a negligible adverse impact. Additionally, as there will be an anticipated reduction of traffic along the existing A66 there would be a potential beneficial impact.	Negligible Adverse	Neutral
0405-0080	Oak Tree House	The resource holds architectural and historical interest as an example of the local architectural vernacular.	The setting of the resource comprises the historic village core of Kirkby Thore and its immediate rural setting.	High	Located within the ZVI. The works include the improvement of the existing cycle route along the existing A66 and the construction of a new offline section of road within the resource's setting. Given the presence of the existing A66 road corridor in views, and the resource's location on the far side of the village of Kirkby Thore from the new offline section of road, this would only result in a negligible adverse impact. Additionally, as there will be an anticipated reduction of traffic along the existing A66 there would be a potential beneficial impact.	Negligible Adverse	Neutral
0405-0110	Settle - Carlisle Railway	The resource has architectural, archaeological and historic interest as a protected area demarking the route of a piece of 19th century transport infrastructure.	The setting of the resource is varied as it traverses the terrain of the North Pennine foothills and the Eden valley floor. The nature and topography of its setting dictated the route and style of its construction and therefore contributes to its historic interest.	Medium	A very small area of this long linear Conservation Area is located within the Order Limits where the Conservation Area crosses over the existing A66 alignment on a bridge. However, there will be no changes to the A66 alignment at this location. The proposed works include the construction of a new offline section of road within the railway's setting, but only in certain locations along its full length. Given the low scale of impact upon the railway	Negligible Adverse	Neutral

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					as a whole, its transport form and function, and the presence of the existing road corridor, this would only result in a negligible adverse impact.		
0405-0152	Crackenthorpe Medieval Village	The resource holds archaeological and historic interest as due to its potential to illustrate previous iterations of the Crakenthorpe settlement. Any surviving structural remains may also hold architectural interest.	The rural landscape which surrounds the settlement contributes to its historic interest.	Low	Remains of a shrunken medieval village partially within both the Order Limits and the ZVI. The proposed works include the construction of a new offline section of road within the setting of the shrunken medieval village. Given the distance of the site from the road and the presence of the existing road corridor in views, this will result in a negligible adverse impact.	Negligible Adverse	Neutral
0405-0166	Temple Sowerby Railway Station	The resource holds historic and architectural interest as a surviving example of 19th century transport infrastructure.	The proximity of the resource to the village of Temple Sowerby contributes to its historic value.	Low	Former railway station buildings within the ZVI. Works will include the construction of a pond and access track and an environmental mitigation grassland area within the setting of the former railway station buildings. Given the existent A66 within the present setting and the distance of the site from the road, this would result in a negligible adverse impact.	Negligible Adverse	Neutral
0405-0461	Skygarth	The resource holds historic and architectural interest as a surviving example of agricultural architecture.	The Skygarth farm complex comprises the immediate setting of the resource, with the surrounding rural landscape also contributing to its historic value as part of the resource's setting.	Low	Located within the ZVI. Works include the construction of a pond and associated access track, a WCHR route, and an environmental mitigation grassland area.	Negligible Adverse	Neutral
0405-0481	Brockham (Elephant Inn)	The resource holds architectural and historical interest as an example of a historic public house.	The rural, roadside setting of the resource contributes to its historic value.	Low	Historic buildings within the ZVI and adjacent to the Order Limits. Works include the construction of a new offline section of road within the setting of the historic building. Operation likely to be similar to baseline.	Negligible Adverse	Neutral

Appleby to Brough

8.10.5.7 A total of 12 heritage resources located within the study area and ZVI of this scheme would receive an operation effect. Of these, none would be significant.

Table 20: Appleby to Brough permanent operation impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
06-0003	Warcop Roman Camp And Length Of Roman Road, 285m South West Of Moor House	Warcop Roman Camp has architectural, archaeological and historic interest deriving from its surviving earthworks and buried archaeological remains at the site relating to the construction, use and abandonment of the Roman camp as well as the potential to increase understanding of past Roman occupation and settlement at Warcop.	Warcop Roman Camp, including the buried remains of the camp together with the earthworks and buried remains of a 200m length of Roman road running along the south side of the camp, is located within modern agricultural fields on the gentle south-facing slope of a spur which descends gradually to the south east with the existing route of the A66 bounding the site to the south. The spatial association with the Roman Road makes a positive contribution to the environmental value of the resource.	High	Warcop Roman Camp is located within the ZVI and partially within the Order Limits. The works include the construction of a new offline section of road within the camp's setting. Given the presence of the existing road corridor adjacent to the camp, this would result in a minor adverse impact	Minor Adverse	Slight Adverse
06-0210	Toddygill Hall (formerly)	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The setting of the resource comprises of the other buildings within the surrounding historic farm complex (including 06-0211) and the surrounding agricultural landscape, both contributing to the historic interest of the resource.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road within the setting of the historic building.	Minor Adverse	Slight Adverse
06-0211	Eastfield Yet	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The setting of the resource comprises of the other buildings within the surrounding historic farm complex (including 06-0210) and the surrounding agricultural landscape, both contributing to the historic interest of the resource.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road within the setting of the historic building.	Minor Adverse	Slight Adverse
06-0219	Mains House	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	This resource's setting is a largely rural and actively agricultural landscape, which contributes to its historic interest.	Low	Historic building within the Order Limits. Works include an environmental mitigation grassland area adjacent to Mains House and the construction of a new offline section of road and a new farm accommodation and overbridge for WCHR route within the setting of the resource.	Minor Adverse	Slight Adverse
06-0220	Domestic property adjacent to junction with B6276	The historic building with later alterations has architectural and historic interest derived from its pre-1841 construction and use.	The historic building with later alterations is set within rural agricultural fields adjacent to the A66. The agricultural setting makes a positive contribution to the environmental value of the resource.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road, a new farm accommodation and overbridge for WCHR route, a left-only T-junction with appropriate diverge and merge tapers on the westbound carriageway and an environmental	Minor Adverse	Neutral

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					mitigation grassland area within the setting of the resource.		
06-0092	Walk Mill High Bridge, Warcop	The resource holds architectural and historic interest as historic bridge and potentially archaeological value as the site of previous historic crossing points.	The primary setting of the resource comprises Moor Beck and the present route of the A66; these both contribute to its historic interest. There are views from the bridge over the surrounding, open agricultural farmland which forms its wider setting.	Low	Walk Mill High Bridge carrying the existing A66 over Hayber Gill is located within the Order Limits. The works include the construction of a new offline section of road within the bridge's setting, while the bridge and this section of the existing A66 will remain in situ. Given that the bridge serves the existent A66, which is anticipated to have a reduced traffic flow, this would only result in a negligible adverse impact.	Negligible Adverse	Neutral
06-0094	Warcop Walk Mill, Warcop	The resource holds architectural and historic interest as a surviving example of 18th century industrial architecture.	The setting of the resource comprises the associated surviving mill race channels, Moor Beck and the historic mill grounds surrounding the structure. Both contribute to its historic value.	Low	Walk Mill building located within the ZVI. The proposed works include the construction of a new offline section of road within the mill's setting. Given the presence of the existing road corridor being between the mill and the project, and the anticipated diversion of traffic to a further distance on the new alignment, this would only result in a negligible adverse impact	Negligible Adverse	Neutral
06-0095	Warcop Railway Station	The resource holds architectural and historic interest as an example of mid nineteenth century railway architecture and transport infrastructure.	The setting of the resource comprises the (now) Eden Valley Railway and all surviving associated railway infrastructure, which contributes to its historic value.	Low	Warcop Railway Station is located within the ZVI. The works include the construction of a new offline section of road within the station's setting. This will be slightly closer to the station than the existent road. Given the railway related nature of the resource and the presence of the existing road corridor, this would only result in a negligible adverse impact	Negligible Adverse	Neutral
06-0099	The Gatehouse Toll House, Musgrave	The resource holds architectural and historic interest as an example mid nineteenth century local vernacular architecture.	The resource is closely associated with the former Turnpike Road, now the A66. This forms its primary setting and contributes to its historic value.	Low	Tollhouse located within the ZVI. The works include the construction of a new offline section of road within the toll house's setting. This move the alignment of the road further from the toll house. Given the nature of the resource and the presence of the existing road corridor, this would only result in a negligible adverse impact.	Negligible Adverse	Neutral
06-0100	North Eden Railway / North Eastern Railway, Darlington Section, Eden Valley Branch	The resource holds architectural and historic interest as an example of mid 19th century transport infrastructure.	The current setting of the resource does not contribute to its value. It is not visible within the landscape.	Low	The works for the project fall within the railway line's setting, with stanches of the road moving closer to the line. Given the nature and scale of the resource and the presence of the existing road corridor, this would only result in a negligible adverse impact	Negligible Adverse	Neutral
06-0213	Broomrigg End	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post	The setting of the resource comprises of the other buildings within the surrounding historic farm complex and the surrounding agricultural landscape, both contributing to the historic interest of the resource. The course of the Lowgill Beck to the immediate south-east of the resource contributes to its archaeological interest.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road, several ponds and associated access routes, and an environmental mitigation grassland area within the setting of the historic building.	Negligible Adverse	Neutral

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
		Medieval domestic and agricultural activity as well as possible palaeoenvironmental evidence due to the farmstead's proximity to the Lowgill Beck.					
06-0215	Turk's Head	This property holds architectural and historic interest due to it being a domestic property in existence from at least the nineteenth century through the present day. Archaeological interest can be derived from the potential for evidence relating to Post Medieval domestic and agricultural activity.	The resource's setting comprises a semi-enclosed yard that separates the domestic property from the current route of the A66 immediately to the south and consists of open land to the north. Its location amidst agricultural fields contributes to its historic and archaeological interest and its close association with the A66 also contributes to its historic interest.	Low	Historic building within the ZVI. Works include the construction of a new offline section of road, several ponds and associated access routes, and an environmental mitigation grassland area within the setting of the historic building. The completed Project will move the alignment of the A66 road further from the resource.	Negligible Adverse	Neutral

Bowes Bypass

8.10.5.8 A total of four heritage resources located within the study area and ZVI of this scheme would receive an operation effect. Of these, three would be significant .

Table 21: Bowes Bypass permanent operation impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
07-0015	Stone Bridge Farmhouse	The resource holds architectural and historic interest as surviving example of a 19th century farm complex.	The Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass will be constructed immediately north of the Stone Bridge Farmhouse group (which also includes 07-0016 and 07-0032). The farmhouse group is located immediately south of the former course of the Street, but which is now partially screened from view of the Bowes Bypass, which is further north, by a band of trees. The immediate setting of the resource is formed by the other buildings within the farm complex (including 07-0016 and 07-0032), whilst views across the surrounding farmland to the south, east and west of the group and this agricultural setting make a positive contribution to the value of the historic interest of the group due to the historic link between farm and farmland.	High	Traffic will pass immediately in front of the farmhouse group in addition to that along the main road corridor, increasing the noise and general busyness of its environment.	Moderate Adverse	Moderate Adverse (Moderate Adverse)
07-0016	Loose boxes, 5 metres east of Stone Bridge farmhouse	The resource holds architectural and historic interest as surviving example of a 19th century agricultural infrastructure.	The Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass will be constructed immediately north of the Stone Bridge Farmhouse group (which also includes 07-0015 and 07-0032). The farmhouse group is located immediately south of the former course of the Street, but which is now partially screened from view of the Bowes Bypass, which is further north, by a band of trees. The immediate setting of the resource is formed by the other buildings within the farm complex (including 07-0015 and 07-0032), whilst views across the surrounding farmland to the south, east and west of the group and this agricultural setting make a positive contribution to the value of the historic interest	High	Traffic will pass immediately in front of the farmhouse group in addition to that along the main road corridor, increasing the noise and general busyness of its environment.	Moderate Adverse	Moderate Adverse (Moderate Adverse)

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
			of the group due to the historic link between farm and farmland.				
07-0032	Linked farm buildings and gin-gang, attached to south of Stone Bridge farmhouse	The resource holds architectural and historic interest as surviving example of a 19th century farm complex.	The Mid Low Farm Access and Proposed East Bowes Accommodation Access Overpass will be constructed immediately north of the Stone Bridge Farmhouse group (which also includes 07-0015 and 07-0016). The farmhouse group is located immediately south of the former course of the Street, but which is now partially screened from view of the Bowes Bypass, which is further north, by a band of trees. The immediate setting of the resource is formed by the other buildings within the farm complex (including 07-0015 and 07-0016), whilst views across the surrounding farmland to the south, east and west of the group and this agricultural setting make a positive contribution to the value of the historic interest of the group due to the historic link between farm and farmland.	High	Traffic will pass immediately in front of the farmhouse group in addition to that along the main road corridor, increasing the noise and general busyness of its environment.	Moderate Adverse	Moderate Adverse (Moderate Adverse)
07-0003	Romano- British settlement site to the east and south-east of East Mellwaters Farmhouse	The settlement holds archaeological interest due to the presence of as yet unexplored archaeological remains within the resource. It also holds historical interest deriving both from its ability to enhance our understanding of life within the historic settlement and as a surviving part of an interconnected Roman landscape	This settlement site is located close to the modern farm buildings at East Mellwaters and are in a shallow valley to the south of the Roman road through Stainmore Pass. It is the remains of a small farming settlement, perhaps similar to those that may have once spread across the more fertile land across the Greta and Tees valleys to the east, where later agriculture has removed the more obvious traces of historic settlement. The slight valley would have provided some shelter for the inhabitants, and they would have been well connected to trade via the Roman road. The setting of the site contributes to its historic interest through demonstrating an evolution in land use and defensive focus and through the connections apparent between the settlement, Roman road and wider network of Romano-British sites in the area.	High	Operation likely to be very similar to baseline	Negligible Adverse	Neutral

Cross Lanes to Rokeby

8.10.5.9 A total of ten heritage resources located within the study area and ZVI of this scheme would receive an operation effect. Of these, none would be significant.

Table 22: Cross Lanes to Rokeby permanent operation impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Interests	Setting contribution	Value	Impact	Magnitude	Effect
08-0011	Rokeby Park and attached stables	Rokeby Park (country house) holds architectural interest as an example of a high status, bespoke development dating to the early to mid 18th century. The architects involved included the owner, Sir Thomas Robinson and at least one redecoration by John Carr. The resource holds historic value as reflection of the lives of a small, elite group of the population during this era, with the house itself forming part of the wider Rokeby estate; a single phase development combining numerous functional, historical and aesthetic inter-relationships between resources across its extent. The resource also has artistic value due to it having provided a subject for a wide range of artistic media including poetry, paintings and sketches.	The setting of Rokeby Park, a grand 18th century country house, is a large designed landscape park, which was also laid out by the owner and designer of the house, Sir Thomas Robinson. The parkland combines numerous functional, historical and aesthetic relationships and makes a significant contribution to the house's value through its historic and architectural interest. There are views across the parkland from the house, which are important, but at equally so are the views towards the house from the road, particularly from the gate and railed screen to the south-west of the house. The house has a grand, symmetrical facade, and was designed to be viewed in its best light, facing south, to those passing on the road or approaching on the sweeping coach drives.	High	The increased width of the road would, intermittently, lead to a greater intrusion into views from the house of high-sided vehicles, as there is the potential for greater numbers than baseline to appear in views at any one time. This would compound the baseline situation, where high-sided vehicles travelling along the existing bypass intrude perceptibly into the visual and audible experience of the house.	Minor Adverse	Slight Adverse
08-0012	Church of St Mary	The Church was probably designed by Sir Thomas Robinson and as such has historic value relating to its relationship to the wider Rokeby Estate, as well as historic value derived from its position as a place of worship and focal point for the local community and within the local landscape. It holds architectural value both through its association with Robinson and its function as a place of workshop constructed in the later 18th century.	The church was built by Sir Thomas Robinson, who was the owner and builder of Rokeby Park (08-0011), creating a non physical association between these resources. The church is set apart from the main area of Rokeby's landscaped park, but is connected by a narrow band of trees north of the A66. From the churchyard there are sweeping views over the fields around the church, but the building faces directly onto the road to the south. Despite the lack of obvious designed views between the park and the church, they are connected in the landscape through the routeway between them, and cognitively, through the connections of ownership, design and patronage. A key part of this, is the way in which the church stands, symbolically, at the edge of the estate as it is approached by travellers from the west. The church stands on higher ground, making it particularly visible. Unusually, it faces directly south, referencing the arrangement of classical temples with roads which Robinson drew design inspiration from. The church symbolises a transition between the rural, and perhaps uncivilised, land to the west, with the classical idyll Robinson was attempting to create within Rokeby. The setting is, therefore, very	High	Traffic noise from current road corridor may be reduced, but the beneficial effects of that moderated by new moving traffic across land to the south.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	interests	Setting contribution	Value	Impact	Magnitude	Effect
			significant to the church's value, mostly through shared historic interest with the wider Rokeby Estate. This is not linked to views from the house, but rather the experience of the landscape by those moving through it.				
08-0015	Stable to west of Rokeby Grove	The stable derives historic and architectural interest from its association with the wider Rokeby estate and as an example of a mid 18th century equestrian structure.	The stable's setting has historically included the road, which was present when it was built, and Rokeby Grove, the house which it is ancillary to. It is part of a group of listed buildings/structures including Rokeby Grove (08-0040) and the sundial to the south of Rokeby Grove (08-0038). These aspects of its setting contribute to its historic and architectural interest.	High	The widening of the road and the construction of the new offline section to the west would bring the traffic closer to the stables building, resulting in slight increases in noise and visual intrusion.	Minor Adverse	Slight Adverse
08-0028	Cross Lanes Farmhouse with adjacent outbuildings on west	The resource derives historic and architectural interest as an example of an 18th and 19th century farm complex.	The farmhouse's setting has always included the road (A66) and it faces directly onto it. It's current setting also includes the triangle of pasture to the north and west of the building, and the landscape of agricultural land to the north and south.	High	The introduction of new traffic movement across the overbridge to the west, alongside the widening of the A66 would increase the busyness and modern character of the farmhouse's setting.	Minor Adverse	Slight Adverse
08-0040	Rokeby Grove	The resource derives historic and architectural interest from its association with the nearby Rokeby estate and as an example of the local architectural vernacular during the 19th century.	Rokeby Grove's setting has historically included the road, which was present when it was built and is part of a small group of listed structures including a sundial to the south (08-0038) and a stables to the west (08-0015). The setting of Rokeby Grove also includes the village of Greta Bridge to the south-east and the parkland of Rokeby Park to the north-east, as well as the agricultural land to the west. Its setting positively contributes to its value.	High	The increased width of the road would, intermittently, lead to a greater intrusion into views from the house of high-sided vehicles, as there is the potential for greater numbers than baseline to appear in views at any one time. This would compound the baseline situation, where high-sided vehicles travelling along the existing bypass intrude perceptibly into the visual and audible experience of the house.	Minor Adverse	Slight Adverse
08-0047	Dent House Farmhouse with adjacent outbuilding on the west	The resource derives historic and architectural interest as an example of 18th/ 19th century local domestic architecture.	The farmhouse's setting is comprised by an area of enclosed, regularly shaped, fields with the A66 running approximately 300m to the north of the resource, being visible from the property.	High	The operation of the Project would include the addition of moving vehicles at a higher level than the baseline, as vehicles cross the overbridge. This would be a perceptible change in the experience of the farmhouse's setting.	Minor Adverse	Slight Adverse
08-0048	Rokeby Park	Rokeby Park holds architectural interest as an example of a high status, bespoke designed landscape development stretching across dating to the early to mid 18th century. It was designed, at least in part, by Sir Thomas Robinson. The resource holds historic value as reflection of the lives of a small, elite group of the population during this era as well as documenting fashionable landscape design trends of the period. The wider Rokeby estate represents a single phase development combining numerous	The parkland, which dates from the 18th and 19th century and was largely designed by the owner and occupier of Rokeby Park house (08-0011) is located within the angle formed by the meeting of the River Greta and the River Tees and the rivers have carved a dramatic landscape which have been highly valued for their picturesque qualities. Beyond the pleasure gardens is parkland of open pasture and woodland, set within a wider agricultural landscape. The southern boundary of the park was originally formed by the Street, the historic course of the Roman road which has been in continuous use as a road into the modern period. However, the A66 bypass of Greta Bridge now cuts across the	High	The increased width of the road and the construction of the new offline section to the south of the existing road corridor would, intermittently, lead to greater intrusion of high-sided vehicles into views to and from the park, as the existing impact of such vehicles is restricted by the number of lanes.	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	interests	Setting contribution	Value	Impact	Magnitude	Effect
		functional, historical and aesthetic inter-relationships between resources across its extent. The resource also has artistic value due to it having provided a subject for a wide range of artistic media including poetry, paintings and sketches.	southern part of the parkland, severing an area of the designated park from the main area north of the road.				
08-0053	Rokeby Rectory	The resource derives historic and architectural interest as an an example of 18th/ 19th century local domestic architecture, as well as historic interest derived from its association with the Church of St. Mary (08-0012) and the wider Rokeby Estate.	The Rectory is a non-designated post-medieval building which was associated with the Church of St Mary, which stands to the north of it on the other side of the A66 (08-0012). The Rectory is partially screened from the road and the church beyond by a row of trees.	Medium	The impact of traffic noise from current road corridor north of the building would be reduced following the detrunking of the road. However, this would be offset by the new offline section of road immediately to the south, with traffic movement in an area previously of fields.	Minor Adverse	Slight Adverse
08-0113	Rokeby School	The resource derives historic and architectural interest as an example of 19th century educational infrastructure, with additional historic value derived from its spatial and nominal association with the Rokeby Estate.	The setting of the resource has always comprised of the A66, to the immediate south, with the Rokeby Estate and open agricultural fields to the north. These elements contribute positively to its value.	Low	Traffic noise from current road corridor may be reduced, but the beneficial effects of that moderated by new moving traffic across land to the south.	Minor Adverse	Slight Adverse
08-0115	Rokeby Grange	The resource derives historic and architectural interest as an example of a historic farm complex .	The setting of the resource comprises the other buildings within the farm complex and the agricultural land which surrounds it.	Low	Traffic noise from current road corridor may be reduced, but the beneficial effects of that moderated by new moving traffic across land to the south.	Minor Adverse	Slight Adverse

Stephen Bank to Carkin Moor

8.10.5.10 A total of 12 heritage resources located within the study area and ZVI of this scheme would receive an operation effect. Of these, none would be significant.

Table 23: Stephen Bank to Carkin Moor permanent operation impacts and effects

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
09-0008	Ravensworth Lodge and attached outbuilding	The resource holds historic and architectural interest as an example of the local architectural vernacular of the 19th century.	Ravensworth Lodge has always had a roadside setting. It faces directly onto the A66 and is located within a clearly demarked parcel of land. The A66 contributes to its historic interest.	High	The road in front of Ravensworth Lodge would be detrunked, reducing the volume of traffic. This is likely to have a beneficial effect as vibration from heavy traffic is likely to be reduced, whilst maintaining the roadside setting of the building.	Negligible Beneficial	Slight Beneficial
09-0083	Ravensworth Conservation Area	The resource has architectural, archaeological and historic interest derived from its potential to contain archaeological material relating to the origins of the settlement as an early medieval village and the surviving local, post-medieval architectural vernacular.	The setting of the resource comprises the agricultural landscape which surrounds the settlement comprising open fields and piecemeal enclosure. This contributes to its historic interest.	Medium	Operation would be similar to baseline, with reduced traffic flows along the detrunked A66 route and traffic routed to the new offline section of the Scheme to the north.	Negligible Beneficial	Slight Beneficial

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
09-0132	Monks Rest Farm	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The resource's immediate setting is the farm complex within which it is sited and the wider surrounding rural landscape.	Low	The new junction and offline section to the Scheme will increase the proximity of traffic, and associated noise and business, to the resource.	Moderate Adverse	Slight Adverse
09-0020	Roman Vicus at Carkin Moor Roman Fort	The resource holds archaeological interest due to the presence of as yet unknown archaeological remains within the Roman settlement. It also has historical interest deriving both from its ability to enhance our understanding of the lives of its inhabitants and as part of a series of surviving contemporary elements visible across the surrounding elements.	A probable Roman roadside settlement identified to the west of Carkin Moor Roman fort, lying to the south of remains of the Roman road (09-0020). It is possible that these remains may be of schedulable quality and, as a result, it has been assessed as being of high value. The resource's setting adjacent to the Roman Fort contributes to its value.	High	Operation likely to be similar to baseline with some minor variation in traffic flow due to the changes to the road corridor to the east and west of the resource.	Minor Adverse	Slight Adverse
09-0126	Fox Well	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The setting of the resource is formed by the structures comprising the Fox Well complex, its grounds and the surrounding agricultural landscape, this contributes to its historic interest. There is also a historic connection between the resource and the route of the A66.	Low	The majority of traffic flow will be rerouted from the south of the resource to the new offline section of the Scheme to the north. This will move most traffic further away from the resource, however there will now be roads enclosing the resource to the north and south meaning that operation will result in a minor adverse impact above the current baseline.	Minor Adverse	Slight Adverse
09-0127	Fox Grove	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The setting of the resource is formed by the structures comprising the Fox Grove complex, its grounds and the surrounding agricultural landscape, this contributes to its historic interest. There is also a historic connection between the resource and the route of the A66.	Low	The majority of traffic flow will be rerouted from the south of the resource to the new offline section of the Scheme to the north. This will move most traffic further away from the resource, however there will now be roads enclosing the resource to the north and south meaning that operation will see a minor adverse impact on the current baseline.	Minor Adverse	Slight Adverse
09-0128	Fox Hall Public House	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The resource is situated adjacent to the historic A66 corridor; it derives value from this historic association as a historic public house alongside a busy public highway.	Low	The majority of traffic flow will be rerouted from current carriageway, running in front of the resource, to the new offline section of the Scheme to the north. Current traffic levels do not impact on the value of the resource due to its long standing association with the A66, however there will now be two carriageways in sight of the resource, meaning that operation will see a minor adverse impact on the current baseline.	Minor Adverse	Slight Adverse
09-0129	Fox Hall Farm	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The resource is situated adjacent to the historic A66 corridor; it derives value from this historic association with the surrounding agricultural landscape and has always been sited adjacent to a busy public highway.	Low	The majority of traffic flow will be rerouted from current carriageway, running in front of the resource, to the new offline section of the Scheme to the north. Current traffic levels do not impact on the value of the resource due to its long standing association with the A66, however there will now be two carriageways in	Minor Adverse	Slight Adverse

Heritage Resource		Assessment of environmental value (sensitivity)			Assessment of impact and effect		
ID	Name	Heritage interests	Setting contribution	Value	Impact	Magnitude	Effect
					sight of the resource, meaning that operation will see a minor adverse impact on the current baseline.		
09-0135	Mainsgill Farm	The resource holds historic and architectural interest as an example of the historic local architectural vernacular.	The resource is situated adjacent to the historic A66 corridor which forms part of its setting, alongside the farm complex within which it is sited and the wider surrounding rural landscape	Low	The majority of traffic flow will be rerouted from current carriageway, running in front of the resource, to the new offline section of the Scheme to the north. Current traffic levels do not impact on the value of the resource due to its long standing association with the A66, however there will now be two carriageways in sight of the resource, meaning that operation will result in a minor adverse impact compared to the current baseline.	Minor Adverse	Slight Adverse
09-0001	Roman Fort and Prehistoric enclosed settlement 400m west of Carkin Moor Farm	The resource holds archaeological interest due to the presence of as yet unknown archaeological remains within the fort and adjacent Prehistoric settlement. It also has historical interest deriving both from its ability to enhance our understanding of the lives of its inhabitants and as a surviving part of an interconnected Roman landscape across the extent of the Project.	The fort is located on a slight hill with panoramic views to the east, south and west. Views from and towards the north of the fort are screened by the plantation of woodland. The A66 runs through the centre of the fort, following the line of the Roman road. The fort's location on the road alongside its dominant topographic position and long views are legible parts of its setting which contribute to its historic and archaeological interest.	High	Operation likely to be similar to baseline with some minor variation in traffic flow due to the changes to the road corridor to the east and west of the resource.	Negligible Adverse	Slight Adverse
09-0005	Hay Barn	The resource holds historic and architectural interest as an example of 18th/ 19th century local agricultural architecture.	The Hay Barn's setting is formed by the group of farm buildings it is within, and the settlement of West Layton and its fields beyond. It is a grand building, despite its functional nature, and appears to have been designed to be visually impressive. Its setting within the village and farm complex, therefore, makes a positive contribution to its value, and it has a functional setting relationship to the fields which surround the farm.	High	The new offline section is likely to be visible in views to the south-east which are currently agricultural. The introduction of traffic movement would be a negligible adverse magnitude of change.	Negligible Adverse	Slight Adverse
09-0012	Rectilinear enclosure, adjacent to Carkin Moor Roman fort, East Layton	The resource holds archaeological interest due to the presence of as yet unknown archaeological remains within the Prehistoric settlement. It also has historical interest deriving both from its ability to enhance our understanding of the lives of its inhabitants and as part of a series of surviving contemporary elements visible across the surrounding landscape.	The resource is located on a slight hill with panoramic views to the east, south and west. Views from and towards the north of the site are screened by the plantation of woodland. The A66 runs through the centre of the Carkin Moor fort, following the line of the Roman road. Long views across the landscape which contains surviving contemporary elements are legible parts of its setting and contribute to its historic and archaeological interest.	Medium	The operation phase of the Project will be similar to the baseline, although the carriageway will now pass slightly closer to the resource due as a result of the construction of the new offline section of the Scheme.	Negligible Adverse	Slight Adverse

A1(M) Junction 53 to Scotch Corner

8.10.5.11 None of the heritage resources located within the study area or ZVI for the A1(M) Junction 53 Scotch Corner Scheme would receive permanent operation impacts and effects.

8.10.6 Heritage resources which would not receive an impact or effect

8.10.6.1 The following 867 heritage resources have been scoped out of the assessment because, while they are located within the study area and ZVI, they have no interaction with the Project and would not receive any temporary or permanent impacts or effects from its construction or operation. Further information relating to each of the heritage resources presented in the following tables can be found in Section 1.2 of ES Appendix 8.8 Gazetteer.

Routewide

8.10.6.2 One routewide heritage resource located within the study area and ZVI of this scheme would not receive any impacts or effects because of the Project.

Table 24: Routewide heritage resources which would not receive an impact or effect

Heritage Resource					
ID	Name	ID	Name	ID	Name
00-0002	Penrith to Greta Bridge Turnpike	-	-	-	-

M6 Junction 40 to Kemplay Bank

8.10.6.3 A total of 141 heritage resources located within the study area and ZVI of this scheme would not receive any impacts or effects because of the Project.

Table 25: M6 Junction 40 to Kemplay Bank heritage resources which would not receive an impact or effect

Heritage Resource					
ID	Name	ID	Name	ID	Name
01-0003	King Arthur's Round Table henge	01-0072	36, Great Dockray	01-0158	Milestone, Skirsgill (site of)
01-0004	Little Round Table henge	01-0073	3, 4 And 5, Corn Market	01-0159	Skirsgill Estate - probably yard/stables
01-0006	The Giant's Grave - Two Anglian cross-shafts and four hogback stones in St Andrew's churchyard, Penrith	01-0074	26, Corn Market	01-0160	Cattle Pens (site of)
01-0007	The Giant's Thumb - Anglian high cross in St Andrew's churchyard, Penrith	01-0075	Redhill Limekilns, 120 Metres South East Of Slapstones Roundabout	01-0161	Lone Building (site of)
01-0009	Strickland's Pele Tower and Penrith Castle	01-0076	26, Great Dockray	01-0163	The Vicarage
01-0010	Parish Church Of St Andrew	01-0077	37, 38 And 39, Great Dockray	01-0164	Flour Mill (site of)
01-0012	Dockray Hall	01-0078	Premises Occupied By Office Of Greenholme Construction Company Limited	01-0165	Halfway house (site of)
01-0013	The Gathering	01-0079	25A, Corn Market	01-0167	Milestone, Eamont (site of)
01-0014	Plague Stone in Grounds of Greengarth Old People Home	01-0081	Ash Grove	01-0168	Workhouse (site of)
01-0016	Lowther Gardens	01-0082	11 And 12, West Lane	01-0169	Summer House (site of)
01-0017	No. 1, St Andrews Place	01-0083	No. 3, King Street	01-0174	Clifton Hall tower
01-0018	17 And 18, Devonshire Street	01-0084	41 And 42, King Street	01-0175	Church of St Cuthbert
01-0019	The George Hotel	01-0086	Clock Tower	01-0176	Hutton Hall
01-0020	North Friarage, The Friarage	01-0091	8, Great Dockray	01-0177	Corney House
01-0021	Former Two Lions Public House And Integral Stables	01-0092	Premises Occupied By Harrison Granger And Fairer, Solicitors	01-0178	Cockell House
01-0022	1, 2 And 3, Bishop Yards	01-0093	War Memorial Outside St Andrew's Church,	02-0001	Roman road and enclosures SE of Frenchfield

Heritage Resource					
ID	Name	ID	Name	ID	Name
01-0025	24 And 25, Corn Market	01-0094	Penrith Station	02-0003	Lowther Lodge
01-0026	The Cottage	01-0097	Former Salutation Hotel	02-0004	Churchyard Wall around the Chapel of St Wilfred
01-0029	4, Great Dockray	01-0098	20, Victoria Road	02-0006	Curtain Walls, Gateway Buildings, Stables, And Domestic Ranges Forming Part Of Brougham Hall
01-0030	21, Great Dockray	01-0100	26, 27, 27A, 28 And 28A, King Street	02-0007	Former Masonic Hall; Hutton Hall
01-0031	43 And 44, King Street	01-0101	Waverley Hotel	02-0011	Abbots Bank
01-0032	48-52, King Street	01-0104	Tynefield House	02-0012	Ruins Of Brougham Hall
01-0033	No. 3, Little Dockray	01-0105	The Dog Beck Public House	02-0014	Walls, gate piers and railings adjoining Lowther Lodge
01-0034	Barclay's Bank	01-0106	Conservative Club	02-0015	Barco Lodge
01-0035	Tudor Cottage	01-0107	K6 Telephone Kiosk (Outside Penrith Station)	02-0016	Magistrate's Clerks Office
01-0036	Nos. 1 And 2, St Andrew's Square	01-0110	Penrith Boer War Memorial	02-0017	Former Frenchfield Farmhouse
01-0037	Monument To Railway Contractors In St Andrew's Churchyard On North Side Of Church	01-0112	Skirsgill Lane Enclosure	02-0018	Cross Keys Public House
01-0039	2-4, St Andrew's Churchyard	01-0113	Ormstead Hill Cairn, Skirsgill	02-0019	Carleton Hill
01-0040	Premises Occupied By Thornborrow, Estate Agent	01-0118	Skirsgill Holy Well, Dacre	02-0020	Victoria Cottage
01-0042	9 And 10, King Street	01-0119	L&NWR Cockeremouth & Workington Railway/Cockeremouth, Keswick & Penrith Railway	02-0022	Mostyn Cottage, Mostyn Hall Cottage, And Mostyn Hall
01-0043	12, King Street	01-0122	Bank earthworks	02-0023	Bridge Over Road Between Brougham Hall And Chapel Of St Wilfred
01-0044	19, 20, 20a And 21, King Street	01-0129	Skirsgill Park Weir and Culvert	02-0026	Boer War Memorial, Eamont Bridge
01-0045	No. 32, King Street	01-0131	Yanwath Hall Quarry	02-0027	Former Outbuildings And Cattle Shed At The Rear Of Frenchfield Farm
01-0046	46, King Street	01-0132	Earthworks	02-0029	Axe and Stone Finds
01-0047	The General Wolfe Inn	01-0133	Chapel of St Wilfred or Brougham Chapel	02-0030	Tool Find, Brougham
01-0049	9-11, Market Square	01-0134	Mansion House	02-0035	Former site of West Ward Union Workhouse
01-0052	Dockray Lodge and Salkeld House	01-0135	2 gate piers to the forecourt of the Mansion House	02-0037	Low Mill Weir, River Eamont
01-0053	5, 6 and 7, Great Dockray	01-0136	4, Angel Lane	02-0038	Eamont Fish Ponds
01-0054	The White Horse Public House	01-0137	Screen walls of forecourt to Mansion House	02-0039	Westmorland Holme Weir
01-0055	23, 24 And 25, Great Dockray	01-0139	Crown Hotel	02-0041	Park Holme
01-0056	Gate piers in forecourt of The Gloucester Arms	01-0144	Candia	02-0043	Possible bank and ditch
01-0057	Bishop Yards Cottage	01-0149	Brougham Bridge, Brougham	02-0044	Bank and Ditch
01-0060	6-12, Corn Market	01-0150	River Eamont Buckle Finds, Brougham	02-0050	Field Boundaries and Ridge and Furrow
01-0061	The Board And Elbow Public House	01-0151	Bow Brooch Find, French Field Farm, Penrith	02-0051	Linear Earthworks
01-0062	1 And 2, Crown Square	01-0152	Brougham Toll House	02-0053	Brougham Castle Bridge
01-0065	The Gate Inn	01-0153	Eden Valley Fieldwalking Field 147	-	-

Heritage Resource					
ID	Name	ID	Name	ID	Name
01-0066	Barn north of The Cottage, on east side of courtyard	01-0156	Redhills	-	-
01-0069	30, 30A And 31, King Street	01-0157	Nine Chimneys	-	-

Penrith to Temple Sowerby

8.10.6.4 A total of 112 heritage resources located within the study area and ZVI of this scheme would not receive any impacts or effects because of the Project.

Table 26: Penrith to Temple Sowerby heritage resources which would not receive an impact or effect

Heritage Resource					
ID	Name	ID	Name	ID	Name
03-0002	Settlement 100yds (90m) SE of Sceugh Farm	03-0067	Tombstone Find, Brougham	03-0119	Cropmark
03-0008	Hornby Hall And Barns Adjoining	03-0068	Burial Casket/Coffin Find, Brougham	03-0120	Cropmark
03-0010	Moorhouse Farmhouse	03-0069	Burial and Coin Hoard, Brougham Castle Farm, Brougham	03-0121	Cropmark
03-0011	Winderwath House	03-0070	Beaker Find, Brougham Castle Farm, Brougham	03-0122	Cropmark
03-0016	Hospital Farmhouse	03-0071	Tombstone Find	03-0123	Earthworks - Linear Feature
03-0017	Unidentified Object Find, Brougham	03-0072	Brougham Cemetery, Brougham	03-0124	Earthworks - Enclosure ditch
03-0018	Frenchfield Cropmarks, Penrith	03-0074	Light Water Bridges Field System	03-0125	Cropmark
03-0020	Eden Valley Fieldwalking Field 138	03-0075	Brougham Field System	03-0127	Cropmark
03-0021	Lightwater Enclosure Cropmark, Brougham	03-0077	Altar Find, Countess Pillar, Brougham	03-0128	Earthworks - bedrock platforms
03-0022	Eden Valley Fieldwalking Field 170	03-0078	Samian Find	03-0131	Cropmark - barrow
03-0023	Eden Valley Fieldwalking Field 133	03-0079	Countess Pillar tombstone find, Brougham	03-0133	Cropmark - possible ladder settlement
03-0024	Eden Valley Fieldwalking Field 21	03-0080	Coin Find, Brougham Castle	03-0134	Cropmark - Enclosure
03-0025	Eden Valley Fieldwalking Field 46	03-0081	Fremington Settlement Site	03-0139	Earthworks - cultivation
03-0026	Eden Valley Fieldwalking Field 24	03-0082	Woodside Deserted Medieval Village	03-0147	Earthworks - mill race or support bridge
03-0027	Eden Valley Fieldwalking Field 61	03-0083	Vessel Find, Brougham	03-0148	Earthworks - field boundary
03-0028	Eden Valley Fieldwalking Field 7	03-0084	Vessel Find, Brougham	03-0149	Cropmarks - field boundary
03-0029	Eden Valley Fieldwalking Field 48	03-0085	Vessel Find, Brougham	03-0168	Linear Feature
03-0030	Eden Valley Fieldwalking Field 17	03-0086	Vessel Find, Brougham	03-0169	Enclosure
03-0031	Eden Valley Fieldwalking Field 139	03-0087	Vessel Find, Brougham	03-0170	Linear Earthworks
03-0032	Eden Valley Fieldwalking Field 134	03-0090	Brougham Rifle Range	03-0171	Field Boundary
03-0033	Eden Valley Fieldwalking Field 15	03-0092	Brougham Ironworks	03-0172	Structure
03-0034	Eden Valley Fieldwalking Field 161	03-0095	Vessel Find, Brougham	03-0173	Linear Earthworks
03-0035	Eden Valley Fieldwalking Field 162	03-0096	Vessel Find, Brougham	03-0177	Water Meadow
03-0039	Eden Valley Fieldwalking Fields 14 / 111	03-0097	Vessel Find, Brougham	03-0179	Whinfell Park Farm Enclosure

Heritage Resource					
ID	Name	ID	Name	ID	Name
03-0040	Eden Valley Fieldwalking Field 18	03-0098	Mauds Pool	03-0182	Guide Post (site of)
03-0043	Eden Valley Fieldwalking Field 171	03-0100	Earthwork/ track possibly connected to swine gill	03-0183	Guide Post (site of)
03-0044	Eden Valley Fieldwalking Field 16	03-0101	Earthworks - Possible quarry or pond barrow	03-0185	Milestone, Lightwater (site of)
03-0045	Eden Valley Fieldwalking Field 49	03-0102	Cropmark - ditch	03-0190	Milestone, Whinfell (site of)
03-0046	Eden Valley Fieldwalking Field 45	03-0103	Cropmark - natural feature	03-0192	Lower Woodside
03-0047	Eden Valley Fieldwalking Field 107	03-0105	Earthworks - platform	03-0193	Ash Hill Cottages
03-0048	Eden Valley Fieldwalking Field 44	03-0108	Earthworks - Linear Feature	03-0194	Guide post (site of)
03-0049	Eden Valley Fieldwalking Field 15	03-0109	Earthworks - Linear Feature	03-0195	Sheep Fold, now field entrance
03-0052	Whinfell Holme Circular Enclosure	03-0110	Cropmarks	03-0196	Milestone, Temple Sowerby (site of)
03-0053	Eden Valley Fieldwalking Field 172	03-0111	Cropmarks - tracks / former boundaries	03-0199	Palaeochannel
03-0055	Brougham Beaker Burial, Brougham	03-0112	Cropmarks - tracks / former boundaries	-	-
03-0061	Brougham Settlement, Road	03-0113	Cropmarks - water meadows or field drains	-	-
03-0064	Coin Find, Brougham	03-0114	Cropmarks - tracks / former boundaries	-	-
03-0065	Bracelet Find, Brougham Roman Cemetery, Brougham	03-0116	Cropmark or path	-	-
03-0066	Brooch Find, Brougham	03-0117	Earthworks - possible track	-	-

Temple Sowerby to Appleby

8.10.6.5 A total of 303 heritage resources located within the study area and ZVI of this scheme would not receive any impacts or effects because of the Project.

Table 27: Temple Sowerby to Appleby heritage resources which would not receive an impact or effect

Heritage Resource					
ID	Name	ID	Name	ID	Name
0405-0007	Parish Church of St Lawrence	0405-0131	Trout Beck Natural Feature, Kirkby Thore	0405-0340	Bank House
0405-0012	The Cloister	0405-0163	Long Rigg Quarries and Gravel Pits, Kirkby Thore	0405-0341	41,43 and 45, Boroughgate
0405-0013	33 Chapel Street	0405-0171	aerial photography and LiDAR Evidence - Earthworks	0405-0342	28, Boroughgate
0405-0014	Low Cross	0405-0173	aerial photography and LiDAR Evidence - Earthworks	0405-0344	5, Doomgate
0405-0016	Front and return walls, and gate piers, to east of Temple Sowerby House	0405-0176	aerial photography and LiDAR Evidence - Earthworks	0405-0345	13,14 and 15, Doomgate
0405-0017	Maypole to south of the Cedars	0405-0178	aerial photography and LiDAR Evidence - Earthworks	0405-0346	Long Marton Hall
0405-0018	Front and return walls, gate piers, railings and central gate to Park House	0405-0179	Field System	0405-0347	The Cottage
0405-0019	Low walls, piers and forecourt railings to front of The Cedars	0405-0181	aerial photography and LiDAR Evidence - Earthworks	0405-0349	Freestanding Barn to the North-East of West View Farmhouse
0405-0020	Front and return walls, central gate and forecourt railings to Woodbine House	0405-0182	aerial photography and LiDAR Evidence - Earthworks	0405-0351	Beech House
0405-0021	Walls, gate piers and gates to the east of The Grange	0405-0183	aerial photography and LiDAR Evidence - Earthworks	0405-0352	Ivy Cottage, Adjoining Penerima

Heritage Resource					
ID	Name	ID	Name	ID	Name
0405-0023	Length of wall incorporating the Bainbrigg Stones	0405-0185	aerial photography and LiDAR Evidence - Earthworks	0405-0353	Forecourt Walls, Piers, and Railings to Front of Saunders
0405-0024	Swan House and Swan Cottage	0405-0187	aerial photography and LiDAR Evidence - Earthworks	0405-0354	Hall's Warehouse
0405-0025	Antique shop to north of village hall	0405-0192	Road	0405-0355	49-55, Boroughgate
0405-0026	11, Battlebarrow	0405-0193	aerial photography and LiDAR Evidence - Earthworks	0405-0356	32, Boroughgate
0405-0027	3 and 4A, Battlebarrow	0405-0194	aerial photography and LiDAR Evidence - Earthworks	0405-0358	Garden wall, gateway and summerhouse to north-east and south-east of the White House
0405-0028	11, Boroughgate	0405-0195	aerial photography and LiDAR Evidence - Earthworks	0405-0359	Tannery's Dovecote at North End of Village
0405-0029	1, 2 and 3 The Sands	0405-0196	aerial photography and LiDAR Evidence - Earthworks	0405-0361	Old Brewery
0405-0030	The Cedars	0405-0197	aerial photography and LiDAR Evidence - Earthworks	0405-0362	The Golden Ball Hotel
0405-0033	Countess Farmhouse and adjoining barn	0405-0198	aerial photography and LiDAR Evidence - Earthworks	0405-0363	Red House
0405-0034	Kings Arms Hotel	0405-0204	aerial photography and LiDAR Evidence - Earthworks	0405-0364	Saunders
0405-0035	Rose Cottage	0405-0205	aerial photography and LiDAR Evidence - Earthworks	0405-0365	Penerin, Adjoining Ivy Cottage
0405-0036	Sheriff House	0405-0206	aerial photography and LiDAR Evidence	0405-0366	Hen House and Pig Sites to West of Town Head Farmhouse
0405-0037	Low walls, gate piers, gats and railings to front of Beech House, Beech Cottage and Sheriff House	0405-0207	aerial photography and LiDAR Evidence	0405-0368	Methodist Chapel
0405-0038	Beach Cottage	0405-0208	aerial photography and LiDAR Evidence	0405-0369	Forecourt Walls, Gates, End Piers, and Railings to House and Cottage Opposite Ivy Cottage
0405-0039	Beech House and adjoining stables	0405-0209	Aerial photography and LiDAR Evidence	0405-0370	Barn and Byres to North of Town Head Farmhouse
0405-0040	Mountain View	0405-0210	aerial photography and LiDAR Evidence	0405-0372	Bardon House
0405-0041	Low walls and railings to west of The Grange	0405-0211	Spoil Heap	0405-0373	Kingdom Hall
0405-0042	Threshing barn and byre to south of tannery's dovecote	0405-0212	aerial photography and LiDAR Evidence	0405-0374	31, Boroughgate
0405-0049	Barn adjoining Friary Cottage	0405-0213	aerial photography and LiDAR Evidence	0405-0375	42 and 44, Boroughgate
0405-0050	4, Battlebarrow	0405-0214	aerial photography and LiDAR Evidence	0405-0376	56 and 58, Boroughgate
0405-0051	5-10 Battlebarrow	0405-0215	aerial photography and LiDAR Evidence	0405-0379	54, Boroughgate
0405-0052	2, Battlebarrow	0405-0216	aerial photography and LiDAR Evidence	0405-0381	West View Farmhouse with Adjoining Cottage and Byre Range
0405-0053	1, Battlebarrow	0405-0217	Natural Feature	0405-0382	The Grange, House and Adjoining Domestic Wing
0405-0054	The Grapes Hotel	0405-0218	Natural Feature	0405-0383	48, Boroughgate
0405-0055	5- 7 Chapel Street	0405-0222	aerial photography and LiDAR Evidence	0405-0385	1, High Wiend
0405-0056	8 - 10 Chapel Street	0405-0227	aerial photography and LiDAR Evidence	0405-0386	Town Foot and Lyndhurst, Opposite Rose Cottage
0405-0057	16- 19 Chapel Street	0405-0229	aerial photography and LiDAR Evidence	0405-0387	Front and East Return Walls, Railings, Gate and Piers to Town End Farmhouse
0405-0058	20- 26 Chapel Street	0405-0230	aerial photography and LiDAR Evidence	0405-0389	Town Head Farmhouse
0405-0059	27, 28 and 29 Chapel Street	0405-0231	aerial photography and LiDAR Evidence	0405-0390	Long Marton goods shed with office and detached weighbridge office
0405-0060	30, 31 and 32 Chapel Street	0405-0232	Crackenthorpe Ring Ditch	0405-0391	K6 Telephone Kiosk
0405-0061	The Clock House	0405-0235	Troutbeck Earthworks, Long Marton	0405-0392	Appleby Castle

Heritage Resource					
ID	Name	ID	Name	ID	Name
0405-0062	Crown and Cushion Hotel	0405-0237	Sleastonhow Barn, Sleastonhow Lane, Kirkby Thore	0405-0399	Coin Find, Kirkby Thore
0405-0063	7 9, Boroughgate	0405-0238	Linden House	0405-0400	Copper Alloy Coin Find, Kirkby Thore
0405-0064	11, Bridge Street	0405-0239	Tufton Arms Hotel and Shop	0405-0401	Silver Coin Find, Kirkby Thore
0405-0065	3 and 5 Boroughgate	0405-0240	16, Boroughgate	0405-0402	Kirkby Thore, Long Marton
0405-0066	10, Bridge Street	0405-0241	14, Boroughgate	0405-0403	Kirkby Thore, Long Marton
0405-0067	6 and 8 Bridge Street	0405-0242	Moot Hall	0405-0404	Roman road Maiden Way (Margary 84)
0405-0068	The Police Station	0405-0243	Midland Bank	0405-0405	Roman road Low Borrowbridge to Kirby Thore (RR7d)
0405-0069	Shire Hall	0405-0244	Barclay's Bank	0405-0406	Roman Burial, A66, Kirkby Thore
0405-0071	Park House	0405-0245	15 and 17, Boroughgate	0405-0407	Kirkby Thore Hoard, Kirkby Thore Bridge, Kirkby Thore
0405-0072	Woodbine House and warehouse to rear	0405-0246	Hare and Hounds	0405-0408	Altar Find, Crackenthorpe Hall, Crackenthorpe
0405-0073	Low Wall and Piers to front of Edendale House	0405-0247	aerial photography and LiDAR Evidence	0405-0409	Silver Coin Find, Kirkby Thore
0405-0081	Fountain head in garden to south west of Crackenthorpe Hall	0405-0248	aerial photography and LiDAR Evidence	0405-0410	Vessel Find, Kirkby Thore
0405-0082	Coach house to north west of Crakenthorpe Hall	0405-0256	Unclassified Cropmarks at Temple Sowerby	0405-0413	Crackenthorpe Temporary Camp Cropmarks
0405-0083	Summer house to west of Crackenthorpe Hall	0405-0263	Decorative Mount Find, Kirkby Thore	0405-0416	Whelp Castle, High Burwens, Kirkby Thore
0405-0084	Bampton Tower	0405-0268	Flint Finds, Temple Sowerby	0405-0422	Lynchet
0405-0086	Kingston House with outbuildings adjoining the south	0405-0269	Temple Sowerby Pit	0405-0425	Inscribed Stone Find, Appleby Grammar School
0405-0087	Footbridge at Appleby Station	0405-0270	Temple Sowerby Field System	0405-0426	Field House, Temple Sowerby
0405-0088	Appleby Station, Main building	0405-0274	Field System	0405-0427	Bolton Mill
0405-0089	Appleby Station, east platform building	0405-0280	Field Boundary	0405-0434	Field System
0405-0090	The Friary	0405-0281	Field Boundary	0405-0435	Boundary
0405-0091	Entrance Gate Piers, Gates and Railings to the Friary	0405-0283	Field Boundary	0405-0436	Boundary
0405-0092	Former British School	0405-0286	Bank	0405-0440	BANK (EARTHWORK)
0405-0093	33A Chapel Street	0405-0288	Crackenthorpe Corn Mill, Crackenthorpe	0405-0443	BUILDING PLATFORM
0405-0094	Westmorland House	0405-0289	Kirkby Thore Circular Cropmark	0405-0444	Boundary
0405-0095	9, Bridge Street	0405-0290	Kirkby Thore Cropmark	0405-0445	Natural Feature
0405-0096	5 and 7 Bridge Street	0405-0292	Appleby Castle, uninhabited portions	0405-0448	Bolton Unclassified Cropmarks
0405-0097	4, Bridge Street	0405-0293	Church of All Saints	0405-0451	Bank (earthwork)
0405-0098	1 and 3 Bridge Street	0405-0296	St Anne's Hospital	0405-0452	Kirkby Thore Industrial Spoil Heap
0405-0099	St Lawrence's Bridge	0405-0297	The Red House	0405-0453	Long Marton Tithe Barn
0405-0100	Eden Bridge café shop attached to Eden Bridge café	0405-0300	Front And Return Walls, Railings And Gates To West View Farmhouse	0405-0454	Long Marton Rectilinear Cropmark
0405-0104	K6 Telephone Kiosk	0405-0301	Forecourt Walls, Piers, Central Gate and Railings to Methodist Chapel	0405-0455	The White House
0405-0105	Front and return walls, and gate piers, to Mountain View	0405-0302	Forecourt Walls, Railings and Gates to Rose Cottage and the Cottage	0405-0456	Chapel Dub Hengiform Enclosure
0405-0106	Turbine House to south of Crackenthorpe Hall	0405-0303	36 Boroughgate	0405-0457	Garth House Medieval Property Boundaries
0405-0107	War Memorial in St Lawrence's Churchyard, Appleby	0405-0305	Howgate Foot	0405-0458	Mill Race

Heritage Resource					
ID	Name	ID	Name	ID	Name
0405-0111	Crackenthorpe Cropmarks	0405-0306	2, High Wiend	0405-0459	Bank
0405-0112	Unclassified cropmark at Temple Sowerby	0405-0307	11, Doomgate	0405-0460	Bank
0405-0113	Kirkby Thore Settlement	0405-0309	Midtown Farmhouse	0405-0462	Guide post (site of)
0405-0118	Keld Sike Enclosure, Kirkby Thore	0405-0310	House, Cottage and Barn Opposite Ivy Cottage	0405-0463	Milestone, Spitals (site of)
0405-0121	Long Marton Mound	0405-0311	House and fern cottage converted outbuildings adjoining. Now used as Memorial Hall.	0405-0464	Halefield
0405-0122	Crakenthorpe Enclosure	0405-0312	White House	0405-0469	Guide post (site of)
0405-0123	Castrigg Linear Features, Long Marton	0405-0313	Farmhouse and Attached Barn on West Side of Road at North End of Village	0405-0473	Milestone, Nr Powis House (site of)
0405-0124	Roger Head Rectangular Enclosure	0405-0315	23 AND 25, Boroughgate	0405-0475	Guide Post (site of)
0405-0125	Castrigg Rectangular Enclosure	0405-0316	Bowness Table Tomb in Churchyard to South of Chancel	0405-0477	Milestone, Acres Common (site of)
0405-0126	Hangingshaw Enclosure, Long Marton	0405-0317	Rose Cottage	0405-0478	Lone building (site of) west of Meadow Ing Farm
0405-0130	Colby Laithes Ford, Appleby	0405-0318	Integral Barn Adjoining Number 1	0405-0479	Meadows Ing
0405-0132	Cooper Allot Unassigned Find, Kirkby Thore, Eden	0405-0319	2, 3 and 4, Doomgate	0405-0480	Lone building (site of) east of Meadow Ing Farm
0405-0133	Lead Strap Fitting Find, Kirkby Thore, Eden	0405-0320	The Old Hall	0405-0482	Milestone, Crackenthorpe Hall (site of)
0405-0135	Find spot	0405-0321	Number 18 with Barn Adjoining	0405-0483	Roger Head
0405-0136	Carved Stone Find, Appleby	0405-0322	Howgate Foot	0405-0484	Colby Laithes (site of)
0405-0137	Temple Sowerby Bronze Age Site	0405-0324	White Rails	0405-0485	Milestone, St Nicholas' Hill (site of)
0405-0139	Silver Coin Find, Kirkby Thore	0405-0325	37 AND 39, Boroughgate	0405-0486	Guide Post (site of)
0405-0141	Silver Coin Find, Kirkby Thore	0405-0326	Former White Hart and Stable To The Rear, 34 Boroughgate	0405-0487	Proposed Turnpike deviation at Crackenthorpe
0405-0142	Trumpet Brooch Find, Kirkby Thore	0405-0327	50, Boroughgate	0405-0504	Bewley Castle, Crackenthorpe
0405-0146	Steelyard Weight Find, Kirkby Thore, Eden	0405-0328	52, Boroughgate	0405-0505	Acorn Bank House
0405-0147	Cooper Alloy Brooch, Kirkby Thore, Eden	0405-0332	Former outbuilding stable and coach house to the White House	0405-0507	Caesar's Tower at Appleby Castle
0405-0148	Cooper Alloy Brooch, Kirkby Thore, Eden	0405-0333	A'board Inn	0405-0508	Main Building of Appleby Castle
0405-0153	Chapel Garth, Crackenthorpe	0405-0334	Barn to Rear of Number 34 (Glen Hotel)	0405-0509	Lady Anne's Bee House in copse to north east of former stable block at Appleby Castle
0405-0157	Crackenthorpe Pound, Crackenthorpe	0405-0335	40, Boroughgate	0405-0510	Castle moat cottage
0405-0159	St Nicholas's Hill, Appleby-in-Westmorland	0405-0337	12 and 14, High Wiend	0405-0511	Millrigg and dwelling adjoining to the north-west
0405-0162	Copper Alloy Spoon Find, Kirkby Thore, Eden	0405-0338	The Armoury	0405-0512	Howgate Foot

Appleby to Brough

8.10.6.6 A total of 123 heritage resources located within the study area and ZVI of this scheme would not receive any impacts or effects because of the Project.

Table 28: Appleby to Brough heritage resources which would not receive an impact or effect

Heritage Resource					
ID	Name	ID	Name	ID	Name
06-0001	Three Round Barrows On Brackenber Moor, 190m, 220m And 500m South East Of Appleby Golf Club	06-0060	Glaslyn House	06-0156	Earthwork
06-0002	Druidical Judgement Seat	06-0061	House Adjoining South End Of Hazel Bank Cottage	06-0157	Earthwork
06-0005	Earthwork 600ft (180m) NW Of Coupland Beck Farmhouse	06-0062	Hazel Bank Cottage	06-0158	Pottery Find, Warcop Hall, Appleby
06-0007	Parish Church Of St Columba	06-0063	Wiend House And Adjoining Store	06-0159	Pottery Find, Warcop Hall, Appleby
06-0008	Warcop Hall & Courtyard Complex	06-0064	Walton Tomb And Railed Enclosure To South Of St Michael's Church Chancel	06-0160	Warcop School
06-0009	Church Of St Michael	06-0065	Maypole On Former Cross Base	06-0161	Warcop Medieval Village
06-0011	Cross To South Of St Columba's Parish Church	06-0066	Boundary Stone To North-West Of Low Mill	06-0162	Warcop Eden Gate Village
06-0012	Entrance To Vicarage From St Columba's Churchyard	06-0067	Warcop War Memorial	06-0163	Warcop Reading Room, Warcop
06-0013	Milestone To South East Of Sandford Thorn	06-0068	Maypole To South Of The Fox/Warcop Cross	06-0166	Field Boundary
06-0015	House And Area Railings Adjoining West End Of Heather Cottage	06-0069	Castleber Castle	06-0167	Warcop Old Bridge
06-0018	Bridge House, Opposite Ford Bridge	06-0070	Espland Farm Stack Strand, Warcop	06-0169	Brough Hill Enclosure, Warcop
06-0019	Cross Base To South Of St Michael's Church	06-0071	Mire Sike Unclassified Cropmarks	06-0170	Toddy Gill Earthworks, Warcop
06-0020	Forecourt Walls And Railings To Bridge End House	06-0072	Ketland Earthworks, Warcop	06-0171	Brough Hill Unclassified Earthworks, Warcop
06-0021	Warcop House	06-0073	Sandford Camp, Warcop	06-0176	Milepost on A66 at Warcop Range entrance
06-0022	Forecourt Walls And Railings To House To North-East Of Warcop House	06-0074	Hayber Gill Mill Leat	06-0180	Low Burtergill Farm, Warcop
06-0023	Gardener's Cottage And 2 Properties Adjoining South End	06-0076	Warcop Axe Find	06-0183	Swanson House
06-0024	House To North-East Of Warcop House	06-0077	Bullistone Bridge Lynchets	06-0184	Clock tower on traffic island at junction with market street
06-0025	Courtyard Group With Stables, Coach-Houses And Dog-Run To North-West Of Warcop Hall	06-0082	Townend Dykes, Brough Sowerby	06-0185	Demesne Quarry, Helbeck
06-0026	Entrance Gate Piers And Adjoining Wall To South-East Of Warcop House	06-0085	Flitholme Settlement	06-0186	Enclosure
06-0027	Chamley Arms	06-0086	Flitholme Earthworks	06-0187	Warcop Dyke and Lynchets
06-0028	The Fox, With Barn And Garage Adjoining	06-0091	Warcop Moat	06-0188	Field Boundary
06-0039	Coach House To North West Of Helbeck Hall	06-0093	Sandford Mire Gravel Pit, Warcop	06-0191	Guide Post (site of)
06-0040	House Adjoining South End Of Former Shop	06-0101	Warcop Corn Mill, Warcop	06-0194	Small regular enclosure (site of)
06-0041	Former Market Cross To North Of Cross leigh	06-0105	Earthwork - Documentary Evidence	06-0196	Milestone, Wild Boar Hill (site of)
06-0042	Milestone To South-East Of Swindale Cottages	06-0106	Earthwork	06-0203	Milestone, Warcop (site of)
06-0043	House To West Of Hill View	06-0107	Earthwork	06-0204	Wesleyan Methodist Chapel
06-0044	Burneside House	06-0109	Earthwork	06-0206	Row End

Heritage Resource					
ID	Name	ID	Name	ID	Name
06-0045	Highfields	06-0110	Earthwork	06-0207	Cattle Pens (site of)
06-0046	Castle Hotel And Inn	06-0113	Earthwork	06-0208	Coal Depot (site of)
06-0047	Grove Cottages	06-0117	Earthwork	06-0216	Small regular enclosure (site of)
06-0048	House Left Of Rose Cottages With Adjoining Barn And Byre	06-0119	Earthwork	06-0218	Milestone, Lowergill (site of)
06-0049	House To East Of Hill View	06-0120	Earthwork	06-0221	Agricultural Building, Row End
06-0050	Grove House	06-0121	Earthwork	06-0222	Roadside Building (site of)
06-0051	Harglade	06-0122	Earthwork	06-0224	Proposed Turnpike deviation at Low Broomrigg
06-0052	Bridge Over Swindale Beck To South Of Mill House	06-0124	Earthwork	06-0225	Proposed Turnpike deviation at Warcop
06-0053	House Adjoining North End Of Castle Hotel	06-0125	Earthwork	06-0230	Trackway
06-0054	Building Between One-Stop Shop And Post Office	06-0128	Earthwork - Documentary Evidence - ordnance survey - Defended Enclosure	06-0233	Burton Medieval village, associated open field system, fishpond and moated fishpond complex, and early post-medieval village and associated field system
06-0055	Oddfellows Hall	06-0129	Earthwork - Cropmark - Strip Field	06-0234	Romano-British farmstead and associated trackway 620m south west of Bell Nook
06-0056	One-Stop Shop	06-0132	Earthworks indicating field boundaries	06-0235	Great Musgrave shrunken Medieval village
06-0057	Grove Cottages	06-0142	Earthwork	06-0236	Church of St James
06-0059	Bank House	06-0149	Cropmark	06-0237	Ormside Hall and adjoining barns

Bowes Bypass

8.10.6.7 A total of 56 heritage resources located within the study area and ZVI of this scheme would not receive any impacts or effects because of the Project.

Table 29: Bowes Bypass heritage resources which would not receive an impact or effect

Heritage Resource					
ID	Name	ID	Name	ID	Name
07-0017	Milestone, 35 metres west of Milestone House (shown on ordnance survey map as New House)	07-0062	Clints Quarries, NW of Bowes Village, Teesdale	07-0093	Bowes Mill
07-0025	Gilmonby Bridge	07-0067	Flavian Annex, Bowes Roman Fort	07-0094	Axe at Bowes
07-0030	The Grove, Gilmonby	07-0068	Palaeochannels	07-0095	Jewellery finds, Bowes
07-0035	Cist at Priory Farm, Bowes	07-0069	Bowes Shrunken Village	07-0097	Gilmonby Hall
07-0040	Bowes, Unicorn Inn	07-0071	Sheep fold, approximately 380m north of East Lowfields Farm	07-0098	Axe Hammer, Bowes
07-0042	Roman structures, Holme Lea, Bowes	07-0072	Sheep fold, approximately 450m north of East Lowfields Farm	07-0099	Arrowhead at Bowes
07-0043	Remains at 4a Unicorn View, Bowes	07-0073	Linear feature	07-0100	Holloway
07-0045	Roman remains behind Church View, Bowes	07-0074	Hulands Quarry	07-0105	Lime Kiln (site of)
07-0047	Bowes village	07-0076	Possible road or trackway, north and east of West Low Fields Farm	07-0106	High Broats

Heritage Resource					
ID	Name	ID	Name	ID	Name
07-0048	Roman and Medieval remains at The Ancient Unicorn, Bowes	07-0079	Possible minor Roman Road or trackway	07-0107	Disused Well (site of)
07-0049	Possible Long House, Bowes	07-0082	Probable Roman Road from Bainbridge, RR732(x)	07-0108	Myre Keld Farm
07-0050	Multi-period remains at Bowes Manor, Bowes, County Durham	07-0083	Late Prehistoric ditched, scarp-edge settlement 400m south-south-west of East Mellwaters farmhouse	07-0109	Unnamed building (site of)
07-0051	West of High Broats	07-0085	Stone Outhouse, Land at Hulands Quarry	07-0110	Well (site of)
07-0053	Bowes West	07-0086	Cow Close Roman Camp, Bowes	07-0111	East Low Fields Farm
07-0054	Quarry and Limekiln, SW of village of Bowes towards Swinholme	07-0087	Earthwork remains, south side, Bowes	07-0112	Milestone (site of)
07-0055	Quarry & Lime Kiln, Barf Hill, Bowes	07-0088	Site of farmhouse, Hulands Quarry land	07-0113	Building (site of)
07-0056	Site of Farm building at Hulands Cottage (off A66), Bowes	07-0089	Well, land at Hulands Quarry	07-0114	Guide Post (site of)
07-0059	Sandstone Quarry, Clint Bowes Moor	07-0091	Battle Axe at Bowes	07-0116	Swinholme (Now Swinholme Farm)
07-0060	West of High Broats	07-0092	Spearhead at Bowes	-	-

Cross Lanes to Rokeby

8.10.6.8 A total of 55 heritage resources located within the study area and ZVI of this scheme would not receive any impacts or effects because of the Project.

Table 30: Cross Lanes to Rokeby heritage resources which would not receive an impact or effect

Heritage Resource					
ID	Name	ID	Name	ID	Name
08-0003	Remains of St Michael's Church, 50m north-west of Dairy Bridge, Rokeby Park	08-0037	Farm buildings to east of Mortham Tower and attached walls	08-0073	Eastwood Hall
08-0004	Egglestone Abbey Premonstratensian Monastery: Inner Precinct Monastic Enclosures and Post- Medieval house	08-0038	Sundial on lawn 10 metres south of Rokeby Grove	08-0074	Old Bridge Over Thorsgill Beck
08-0006	Roman Milestone against west wall of Rokeby Park	08-0042	Terrace wall to south of Mortham Tower	08-0075	Boldron Farmhouse and Attached Barn to the East
08-0007	Platform with Roman altars on lawn west of Rokeby Hall	08-0043	Footbridge 220 metres south east of Mortham Tower	08-0076	Green Cottage
08-0008	Cross base circa 50 metres north-west of Dairy Bridge	08-0044	Sundial on lawn west of Rokeby Park	08-0079	Archaeological features west of The Morritt Arms, Greta Bridge
08-0009	Mortham Tower	08-0046	West Lodge and Entrance Screen	08-0085	Barnard Castle and Ringwork, Shell, Keep Castle, Chapel and Dovecote
08-0010	Group of tombstones circa 50 metres north-west of Dairy Bridge	08-0050	Roman Camp, Rokeby Park, Greta Bridge	08-0100	Bronze Age penannular gold bracelet findspot, Greta Bridge
08-0016	The square range of farm buildings to rear of Number 5	08-0052	Aircraft Crash Site, Spitfire VB BL500, Dent House Farm	08-0101	Farm Buildings to West of Thorpe Grange Farmhouse
08-0017	East Lodge to Rokeby Park	08-0058	Marl Pit, 200m north-west of Dent House Farm	08-0102	Stone Features west of Street Side Farm, on the A66
08-0018	Herm of Ceres 40 metres west of Mortham Tower	08-0059	Marl Pit, 180m north-west of Dent House Farm	08-0105	Boundary Ditch
08-0019	8 urns on lawn to south of Rokeby Park	08-0060	Former field boundary	08-0106	Boundary Ditch
08-0020	Gunroom on north of Rokeby Park rear court	08-0061	Rectangular Enclosure, approximately 125m south of Tutta Beck Farm	08-0108	Proposed Turnpike deviation at Poundergill

Heritage Resource					
ID	Name	ID	Name	ID	Name
08-0022	Dairy Bridge Cottage	08-0062	Rectangular Enclosure, approximately 200m south-west of Tutta Beck Farm	08-0111	Guide Post (site of)
08-0023	The Morrith Arms hotel	08-0063	Possible shrunken village to the east of Rokeby Grange	08-0112	Ewebank Water Place
08-0030	The Square (Numbers 3 to 6 consecutive) with farm building range to left of Number 6	08-0065	Holloway, running east from Rokeby Grange	08-0114	Rokeby Rectory Summer House (site of)
08-0031	East Entrance Screen to Rokeby Park, with attached walls and railings	08-0066	Field System, 130m east of Rokeby Grange	08-0116	Birk House
08-0032	Icehouse 40 metres east of Rokeby Park	08-0069	Abbey Bridge	08-0117	Street Side
08-0034	Dairy Bridge over the River Greta	08-0071	North and West Walls of Garden to the West of Eastwood Hall	-	-
08-0036	Sir Walter Scott's Grotto, in bank of River Greta south-west of Mortham Tower	08-0072	Farm Buildings to the West of Eastwood Hall	-	-

Stephen Bank to Carkin Moor

8.10.6.9 A total of 50 heritage resources located within the study area and ZVI of this scheme would not receive any impacts or effects because of the Project.

Table 31: Stephen Bank to Carkin Moor heritage which would not receive an impact or effect

Heritage Resource					
ID	Name	ID	Name	ID	Name
09-0004	Medieval Settlement remains south east of Hutton Hall	09-0043	Mound, 115m north of Carkin Moor Roman Fort and Prehistoric Settlement	09-0089	Bridge over Holme Back approximately 120m north-west of Mill Farmhouse
09-0006	Pigeon cote approximately 15 metres east of former house at Old Duns Bank Farm	09-0046	Small banked enclosure at West Layton	09-0104	Guide Post opposite Smallways Inn
09-0007	Dunsa Manor	09-0048	Possible Medieval Lynchets and possible enclosure of Unknown origin	09-0112	East Layton Old Hall and attached garden gateway
09-0009	Holme Bridge Over Holme Beck	09-0049	Former Field boundary, 220m north-east of Browson Bank	09-0113	The Ford
09-0010	Enclosure	09-0050	Limestone quarry (site of), 355m north-east of Dunsa Manor	09-0117	Enclosure
09-0011	Bronze item from Greencroft Farm, West Layton	09-0051	Limestone quarry (site of), 390m north of Dunsa Manor	09-0118	Mound
09-0014	Lime Kiln east of Browson Bank	09-0053	Sandstone quarry (site of), 290m south-east of Carkin Moor Farm	09-0120	Bleak Hill Bridge (site of)
09-0015	Former limestone quarry south of A66 new road junction, nr. Lanehead quarry	09-0056	Former Field boundary, 375m north-east of Dunsa Manor	09-0121	Warreners Trough (site of)
09-0016	Site of former Post Medieval road bridge on the A66, Mainsgill Bridge, Mainsgill, East Layton	09-0063	Former Field boundary at West Ash House	09-0122	Clover Hill Bridge (site of)
09-0019	Site of a Post Medieval barn, on the A66 north-west of Mainsgill Farm, East Layton	09-0064	Area of former field boundaries, approximately 340m east of East Browson	09-0123	Milestone, West Layton (site of)
09-0023	Rectilinear Enclosure, 585m south of Tefit Hall	09-0065	Holloway	09-0124	Guide Post (site of)
09-0026	Bank, south-west of West Layton Farm	09-0072	Whashton Bridge over Hartforth Beck	09-0125	Milestone (site of)
09-0030	Mound, 550m north-west of Blackhill Farm	09-0074	Old School Room	09-0130	Kings Arms Public House (site of)

Heritage Resource					
ID	Name	ID	Name	ID	Name
09-0033	Possible circular enclosure, 375m south-east of Carkin Moor Farm	09-0076	East Layton Hall	09-0131	Milestone, Rokeby Close (site of)
09-0034	Possible Pillow Mound, 65m west of Warreners Lane	09-0079	Brooms Field Barn	09-0133	East Layton Moor Farm (site of)
09-0037	Possible Ring Ditch, 230m north-west of Mains Gill	09-0081	Blackhill Folly	09-0140	Newsham House
09-0040	Possible quarry, north-west of the terminus of New Road	09-0088	Dalton Hall	-	-

A1(M) Junction 53 Scotch Corner

8.10.6.10 A total of 26 heritage resources located within the study area and ZVI of this scheme would not receive any impacts or effects because of the Project.

Table 32: A1(M) Junction 53 Scotch Corner heritage which would not receive an impact or effect

Heritage Resource					
ID	Name	ID	Name	ID	Name
11-0008	Appletree Cottage, Arch Cottage, Archway Cottage, The Neuk	11-0018	Village Farmhouse	11-0030	Sub-rectangular enclosure
11-0009	Sundial Cottage and Rose Cottage	11-0020	Violet Grange	11-0031	Possible earthworks within Crookacre Plantation
11-0010	Orchard House	11-0021	Middleton Tyas Conservation Area	11-0032	Sub-rectangular enclosures (possible 2 of 2)
11-0011	Galsworthy House and attached outbuilding	11-0023	Roman Road	11-0033	Crown and Anchor Public House (site of)
11-0012	Middleton House and Cottage adjoining	11-0024	Late Iron Age to early Romano-British settlement	11-0034	Three Tuns Public House (site of)
11-0013	The Hill	11-0025	Large scale Settlement of Iron Age/Romano-British date, North of the Scotch Corner Hotel.	11-0035	Middleton Grange (site of)
11-0014	Inglenook House and the Cottage	11-0026	Sub-rectangular enclosure (possible 1 of 2)	-	-
11-0015	Galsworthy Cottage	11-0027	The Lodge and front railings	-	-
11-0016	Longfield Farmhouse	11-0028	Bank	-	-
11-0017	Forge Cottage	11-0029	Possible Earthwork	-	-

8.10.7 References

English Heritage (2008) Conservation Principles, Policies and Guidance for the Sustainable Management of the Historic Environment, available at: <https://historicengland.org.uk/images-books/publications/conservation-principles-sustainable-management-historic-environment/> [accessed 9 September 2021]

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