

**A66 Northern Trans-Pennine project
TR010062**

**Application for a Non-Material Change
to The A66 Northern Trans-Pennine
Development Consent Order 2024**

Environmental Report

Planning Act 2008

**The Infrastructure Planning (Changes to, and
Revocation of, Development Consent Orders) Regulations 2011**

10 December 2025

Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Changes to, and Revocation
of, Development Consent Orders) Regulations 2011
(as amended)

Non-Material Change Application to
The A66 Northern Trans-Pennine
Development Consent Order 2024

ENVIRONMENTAL REPORT

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Version	Date	Status of Version
Rev 1	10 December 2025	Environmental Report

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1. Introduction

1.1. Overview

- 1.1.1. National Highways (“the Applicant”) has the benefit of the A66 Northern Trans-Pennine Development Consent Order (DCO) 2024 (SI.2024 No.360), hereafter referred to as ‘the Order’ which was made by the Secretary of State for Transport on 7th March 2024, and came into force on 28th March 2024.
- 1.1.2. The Order authorises the construction, operation and maintenance of the A66 Northern Trans-Pennine Project (‘the Project’), which comprises the dualling of all remaining single lengths of carriageway of the A66 to create a continuous 70mph dual carriageway (with the exception of a short length of 50mph dualling between M6 Junction 40 and east of Kemplay Bank) across the North Pennines between M6 junction 40 at Penrith and A1(M) at Scotch Corner, including improvement of these two junctions (‘the Authorised Development’).
- 1.1.3. The existing route is 80km in length and intermittently dualled with approximately 30km of single carriageway, within six separate sections. The Authorised Development comprises eight schemes (known as Scheme 0102, Scheme 03, Scheme 0405, Scheme 06, Scheme 07, Scheme 08, Scheme 09 and Scheme 11 respectively) with the following main features:
1. Upgrades to the existing single carriageway sections of the road to dual carriageway
 2. Junction improvements
 3. Minor improvements to the existing dual carriageway sections
- 1.1.4. This Environmental Report has been prepared to accompany an application for a non-material change to the Order (‘the Change Application’). The application is made pursuant to section 153 and paragraph 2 of Schedule 6 to the Planning Act 2008, and in accordance with the Infrastructure Planning (Changes to, and Revocation of, Development Consent Orders) Regulations 2011, as amended (‘the Regulations’).
- 1.1.5. Consent is sought for the following eight ‘Proposed Changes’ to the Order (‘the Proposed Changes’):
- **Proposed Change 1 - Cross Street:** amendments to the horizontal alignment of Cross Street
 - **Proposed Change 2 - Green Lane:** amendment to the horizontal alignment of Green Lane
 - **Proposed Change 3 - Long Marton:** amendment to the alignment of Moorland Road to reduce bridge span and amendment to the alignment and cross section of Long Marton bridge

- **Proposed Change 4 - Access track at Kirkby Thore:** removal of a Private Means of Access (PMA) track through farmland
- **Proposed Change 5 - B6542 and Spitals Farm Access:** amendment to the alignment of the B6542 and reduction in length of the Private Means of Access (PMA) underpass
- **Proposed Change 6 - Kemplay Bank:** amendment to DCO centreline of part of Work number 0102-1E
- **Proposed Change 7 - B6262 Combined Public Rights of Way and Private Means of Access:** realignment of various lengths of combined Public Rights of Way (PRoW) and Private Means of Access (PMA):
 - on the south side of the A66, running between the B6262 and the site of the former Llama Karma Kafe, and providing access to the Countess Pillar which is located between them (comprising part of Work No. 3-7A, and both Work Nos. 03-9A and 03-9B; and
 - crossing over the A66, then running along the north side of the A66 in an easterly direction (comprising part of Work No. 03-7A and part of Work No. 03-7B)
- **Proposed Change 8 - Powis House Private Means of Access:** realignment of footpath and Private Means of Access (PMA).

1.2. This document

- 1.2.1. There is not a specific legal definition of “non-material” in respect of changes, but paragraphs 9 to 16 of the Department for Communities and Local Government Guidance highlight that there are certain characteristics that can be used to determine whether a change is more likely to be considered non-material or material. This includes a consideration as to whether a change requires an updated Environmental Statement (ES)¹ to take account of new, or materially different, likely significant effects.
- 1.2.2. This report provides an overview of the potential impacts and potential likely significant effects of the Proposed Changes and compares these to the conclusions reached in the ES supporting the Order.
- 1.2.3. This report also considers the potential impacts and potential likely significant effects of the Proposed Changes against the baseline conditions as set out in the ES. It demonstrates that the Proposed Changes do not give rise to any new, or materially different, likely significant effects on the environment compared to those reported in the ES supporting the Order, and that the Proposed Changes can therefore be described as non-material.
- 1.2.4. For the purposes of the Change Application and this report, there have been no other amendments to the Order and thus we can confirm that the

¹ [Documents | A66 Northern Trans-Pennine Project](#)

following assessment is made considering the consented Project and the Project as would be amended by the Proposed Changes.

1.3. The context for the Proposed Changes

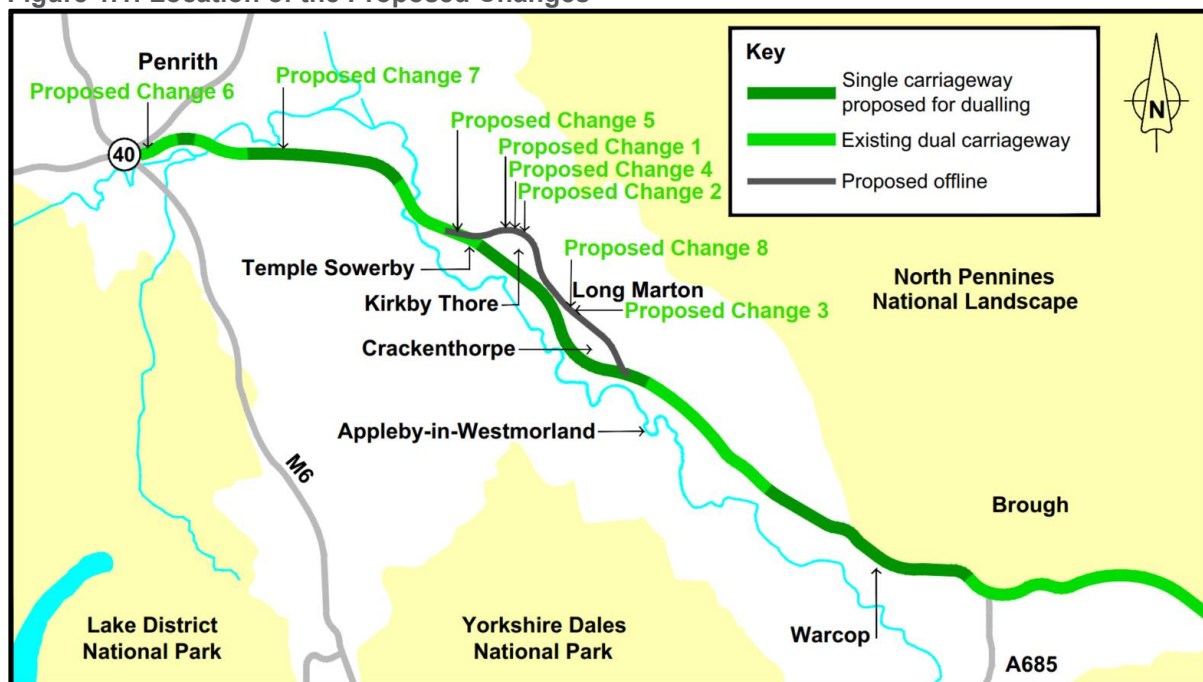
- 1.3.1. Since the Order was made by the Secretary of State for Transport in March 2024, the Applicant has continued to engage and negotiate with parties with an interest in land affected by the Project (including those with an interest in land which is subject to powers of compulsory acquisition, affected persons, and with other interested parties including Westmorland and Furness Council (formerly Cumbria County Council, and Eden District Council) in their capacity as Local Highway Authority and Local Planning Authority.
- 1.3.2. The Proposed Changes have arisen as a result of the process of detailed design, discussions with affected persons and interested parties, where opportunities have been identified to reduce the environmental impacts of the Project, the amount of land required and the complexity of construction, as well as incorporate further safety benefits, building on the assessment work carried out to date.
- 1.3.3. Most of the Proposed Changes take the Authorised Development outside of the Limits of Deviation (LoD) as defined in article 7 of the Order and accompanying Works Plans.
- 1.3.4. LoD are defined boundaries within which the Authorised Development as consented must be designed and constructed. They are commonly incorporated into DCO to allow large complex projects the flexibility to design around previously unidentified obstacles. The LoD set a limit within which specific parts of the Authorised Development can move laterally or vertically without requiring reassessment or an amendment to the Order.
- 1.3.5. Separate to the Proposed Changes sought within this Change Application, National Highways has implemented some minor changes to the Project which fall within the LoD. These minor changes are not shown on the drawings accompanying this Change Application. However, the Proposed Changes are designed alongside the minor changes and as a result there may be occasions where the Proposed Changes may appear disconnected on the drawings.
- 1.3.6. This approach follows advice received during the pre-application advice meetings with representatives of the Transport Infrastructure Planning Unit (TIPU) of Department for Transport.

1.4. Overview of the Proposed Changes

- 1.4.1. The Applicant is proposing eight changes to the Project in this Change Application. The locations of the Proposed Changes, situated within the western part of the Order Limits in Schemes 01 - 05, are shown in Figure 1.1.

- 1.4.2. Proposed Changes 1 to 5 and Proposed Change 8 are located within Scheme 0405 – Temple Sowerby to Appleby; Proposed Change 6 is located within Scheme 0102 – M6 J40 to Kemplay Bank; and Proposed Change 7 is located within Scheme 03 – Penrith to Temple Sowerby as shown on Figure 1.1.

Figure 1.1: Location of the Proposed Changes



- 1.4.3. A high-level summary of each of the Proposed Changes is set out in Table 1.1 below. A description of the Proposed Changes is set out in Section 2 of the accompanying Application Statement.

Table 1.1: Summary of Proposed Changes

Proposed Change			Summary of Proposed Change
Scheme	Ref	Name	
0405	Proposed Change 1	Cross Street	Amendments to the horizontal alignment of Cross Street
0405	Proposed Change 2	Green Lane	Amendment to the horizontal alignment of Green Lane
0405	Proposed Change 3	Long Marton	Amendment to the alignment of Morland Road to reduce bridge span and amendment to the alignment and cross section of Long Marton bridge
0405	Proposed Change 4	Access Track at Kirkby Thore	Removal of a PMA track through farmland
0405	Proposed Change 5	B6542 and Spitals Farm Access	Amendment to the alignment of the B6542 and reduction in length of the PMA underpass

Proposed Change			Summary of Proposed Change
Scheme	Ref	Name	
0102	Proposed Change 6	Kemplay Bank	Amendment to DCO centreline of part of Work Number 0102-1E
03	Proposed Change 7	B6262 Combined Public Rights of Way and Private Means of Access	<p>Realignment of various lengths of combined Public Rights of Way (PRoW) and Private Means of Access (PMA):</p> <ul style="list-style-type: none"> on the south side of the A66, running between the B6262 and the site of the former Llama Karma Kafe, and providing access to the Countess Pillar which is located between them (comprising part of Work No. 3-7A, and both Work Nos. 03-9A and 03-9B) crossing over the A66, then running along the north side of the A66 in an easterly direction (comprising part of Work No. 03-7A and part of Work No. 03-7B)
0405	Proposed Change 8	Powis House Private Means of Access	Realignment of footpath and PMA.

2. Methodology

2.1.1. This report has taken into account the methodology used in the ES (ref. APP-047) so that there is a consistency of approach to the assessment of likely significant effects between the consented Project and the Project as would be amended by the Proposed Changes. Reference has been had to the findings set out in the ES.

2.1.2. The following steps have been undertaken:

- All topics and potential impacts within these topic areas as set out in the ES were screened against the parameters of each Proposed Change. This involved a consideration of the environmental impacts of each of the Proposed Changes and whether these impacts could result in a different conclusion in respect of the likely significance of effects to those identified in the ES.
- Where there was a clear case that the magnitude of the impact would be unchanged, negligible or minor (e.g. due to a decrease in spoil or material management of the Project), the effect/topic was screened out from further assessment for that Proposed Change.
- Where further analysis was required to determine whether the magnitude of the impact would be unchanged, negligible or minor, scoping assessments have been provided. These assessments are presented in the tables in Section 3.
- Where the magnitude of the impact of an individual Proposed Change would be unchanged, negligible or minor, it is considered that the significance of any likely cumulative effects would also be unchanged, negligible or minor.
- Where the outcome of the scoping assessment confirmed that the magnitude of the impact would be unchanged, negligible or minor, the likely significance of the effects of the associated Proposed Changes are considered to be unchanged and be non-material changes.

3. Assessment of Proposed Changes

3.1. Proposed Change 1 Cross Street

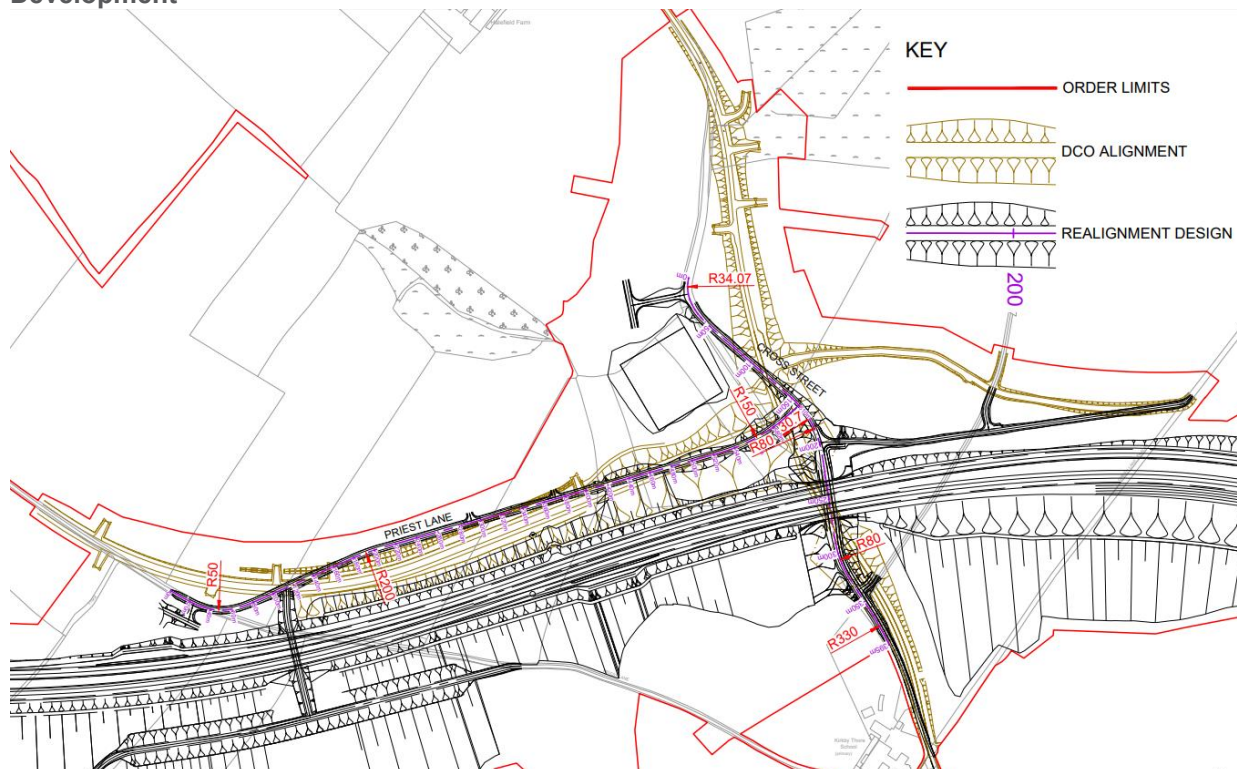
Design authorised by DCO

- 3.1.1. Cross Street is a local road (C3030) in Kirkby Thore, passing Kirkby Thore Primary School, then heading northwards towards Newbiggin. As the alignment of the new A66 will cut across Cross Street, the Order authorises the realignment of Cross Street and the provision a new overbridge crossing the new A66.

Description of the Proposed Change

- 3.1.2. The Proposed Change comprises the realignment of the Cross Street overbridge, approaches and the connecting junctions and PMA. The lateral alignment of Cross Street would be adjusted by up to 30.7 metres beyond the current lateral LoD for the consented Work No. 0405-7. The LoD are currently 3 metres to the east of the centre of Cross Street and to the extent of the corresponding fine dashed green line as shown on the consented Works Plans to the west.
- 3.1.3. The Priest Lane junction with Cross Street would be relocated beyond the current lateral LoD for consented Work No.0405-6C which is 3 metres to the south of the centre of Priest Lane and to the extent of the corresponding fine dashed green line as shown on the consented Works Plans to the north.
- 3.1.4. The new Bridleway between the realigned Cross Street and Bridleway 336/018 would be relocated beyond the current LoD for the consented Work No. 0405-8 which is 3 metres to the north of the centre of Priest Lane and to the extent of the corresponding fine dashed green line as shown on the consented Works Plans to the south.
- 3.1.5. Proposed Change 1 (Cross Street) therefore comprises the realignment of the centreline for each of the consented Work Nos. 0405-7, 0405-6C and 0405-8. The current LoD (as stated above) would then apply to the realigned centrelines for those numbered works.

Figure 3.1: Comparison showing the Proposed Change overlaid on the Authorised Development



The reason for the Proposed Change

- 3.1.6. The Proposed Change is driven by engagement with Westmorland and Furness Council (WaFC), as both the Local Highway Authority (LHA) and Local Planning Authority (LPA), to improve road safety. Cross Street has been re-designed to agreed standards following consultations with WaFC.
- 3.1.7. The curve of Cross Street on the northern approach to the overbridge is proposed to be tighter to encourage lower vehicle speeds on the approach to Kirkby Thore School.
- 3.1.8. The realignment also enables a reduction in the amount of third party land needed for the Project at this location as the realigned road would tie in earlier to the existing road.

Appraisal of the environmental impact of the Proposed Change

- 3.1.9. As described in Section 2, following a screening exercise on a topic by topic basis, environmental topics have been screened out from further assessment where it is clear that there would continue to be no impacts due to the nature of the works, or the nature of the site.
- 3.1.10. Following the screening, the scope of the environmental assessment has been established for those environmental topics not screened out.
- 3.1.11. Where environmental topics have not been screened out, scoping assessments are presented in Table 3.1 below. These assessments have been undertaken against the baseline set out in the ES.

Table 3.1: Environmental Impact Assessment Scoping – Proposed Change 1 Cross Street

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 1 Cross Street				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Air Quality (ES Chapter 5) (ref. APP-048)	Not applicable as change has no impact upon air quality.	No sensitive receptors adjacent to horizontal realignment. Therefore, no significant effects considered likely and no update to the ES required as a result of the Proposed Change. The assessment conclusions of ES Chapter 5 (Air Quality) would not change as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 5 (Air Quality) not required.
Biodiversity (ES Chapter 6) (ref. APP-049)	Not applicable as change has no impact upon biodiversity.	The Proposed Change is negligible in terms of biodiversity and is unlikely to significantly change any impacts upon protected/priority species or significantly influence the BNG score. Overall, the Proposed Change would not change the significance levels as concluded within the ES Chapter 6 (Biodiversity). No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is negligible and would not change the assessment conclusions presented in Chapter 6 (Biodiversity).
Climate (ES Chapter 7) (ref. APP-050)	Not applicable as change has no impact upon climate.	<p>The Project has been designed to account for future projected climate change. The Proposed Change has no impact of the Project's ability to account for future projected climate change due to the small nature of the Proposed Change compared to the Project.</p> <p>The Proposed Change would not have a significant impact on carbon emissions for the following reasons:</p> <ul style="list-style-type: none"> The types and quantities of construction materials required for the adjusted design remain the same as those originally planned. As the material composition and volumes do not change, there would be no substantial difference in embodied carbon emissions 	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 7 (Climate) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 1 Cross Street				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		<p>associated with the procurement and use of these materials.</p> <ul style="list-style-type: none"> The adjustment in alignment is relatively minor and does not necessitate substantial additional construction activities. The Proposed Change primarily involve earthworks, which would be performed by machinery already accounted for in the initial carbon assessment. Any variations in fuel consumption and machinery use due to the adjusted earthworks are expected to be minimal and fall within the operational margin of error for construction activities. The differences in carbon emissions resulting from the adjusted geometry are well within the margin of error of the overall carbon assessment. This margin accounts for variations in construction practices, weather conditions, and machinery efficiency that are typical in construction projects of this scale. 		
Cultural Heritage (ES Chapter 8) (ref. APP-051)	Not applicable as change has no impact upon heritage and archaeology features.	<p>No change to baseline and identified impacts outlined in the ES Chapter 8 (Cultural Heritage).</p> <p>No significant effects considered likely and no update to the ES required as a result of the Proposed Change.</p>	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 8 (Cultural Heritage) not required.
Geology and Soils (ES Chapter 9) (ref. APP-052)	Not applicable as change has no impact upon geology and soils.	No sensitive receptors or potential contamination sources are present within or adjacent to the realignment. The geology and soils underlying the realignment are similar to the ground conditions for the original route, as assessed	No change in magnitude of impact, therefore no change in	No change in effects therefore updated assessment of the conclusions presented

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 1 Cross Street				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		within the ES Chapter 9 (Geology and Soils). The Proposed Change is considered negligible and would not change the assessment conclusions presented within the ES Chapter 9 (Geology and Soils). Therefore, no updates to the conclusions of the ES Chapter 9 (Geology and Soils) are required.	significance of effects.	in Chapter 9 (Geology and Soils) not required.
Landscape and Visual (ES Chapter 10) (ref. APP-053)	The Proposed Change would enhance connectivity with the existing road network at Kirkby Thore. It involves a localised reconfiguration and remains consistent with the overall Project mitigation measures outlined in ES Chapter 10 (Landscape and Visual).	The Proposed Change would not result in any increase in tree loss and would enable the retention of additional trees. It would not affect the conclusions reported in the ES Chapter 10 (Landscape and Visual). The refinement improves connectivity with the existing road network at Kirkby Thore, providing greater access through localised adjustments. Landscape and visual effects remain unchanged, as the proposals are similar in nature to those assessed in the ES Chapter 10 (Landscape and Visual). While minor refinements are present, they are expected to result in only very limited changes for local receptors as identified in the ES. Overall, the Proposed Change is negligible and does not alter the assessment conclusions presented in ES Chapter 10 (Landscape and Visual). No significant effects are anticipated, and no update to the ES Chapter 10 (Landscape and Visual) is required.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is negligible and would not change the assessment conclusions presented in Chapter 10 (Landscape and Visual).
Material Assets and Waste (ES Chapter 11) (ref. APP-054)	The Proposed Change should reduce the material assets required. There would not be any impact upon waste.	The Proposed Change should reduce the material assets required for the Scheme; however, ES Chapter 11 (Material Assets and Waste) assessment conclusions would not change as the Proposed Change is negligible to the overall quantity of material assets used as a result of the Project. No significant effects are considered likely	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is negligible and would not change the assessment conclusions presented in Chapter 11 (Material Assets and Waste).

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 1 Cross Street				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		and no update to the ES is required as a result of the Proposed Change.		
Noise and Vibration (ES Chapter 12) (ref. APP-055)	Not applicable as change has no impact upon noise and vibration due to the distance from noise sensitive receptors (NSRs).	There are no NSRs adjacent to the horizontal realignment. Therefore, no significant effects are considered likely and no update to the ES is required as a result of the Proposed Change. The assessment conclusions of the ES Chapter 12 (Noise and Vibration) would not change as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 12 (Noise and Vibration).
Population and Human Health (ES Chapter 13) (ref. APP-056)	The Proposed Change is likely to have a negligible impact upon population and human health.	The Proposed Change improves connectivity with the existing road network at Kirkby Thore, providing greater access through localised adjustments. The Proposed Change is expected to result in a negligible impact to residents, community facilities, businesses and recreational users. With no sensitive air quality and noise receptors adjacent to the horizontal realignment there would be no significant effects considered likely and no update to the ES required as a result of the Proposed Change. The assessment conclusions of the ES Chapter 13 (Population and Human Health) would not change as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 13 (Population and Human Health).
Road Drainage and the Water Environment (ES Chapter 14) (ref. APP-057)	Not applicable as change has no impact upon road drainage and the water environment.	No watercourses are impacted by the Proposed Change. Updated Highways England (National Highways) Water Risk Assessment Tool (HEWRAT) assessment in relation to overall drainage design updates for the detailed design of Scheme 0405 has not found any adverse water quality changes.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 14 (Road

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 1 Cross Street				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		<p>No significant effects are considered likely and no update to the ES is required as a result of the Proposed Change. Cross Street is located in a cutting where design levels were identified in the ES Chapter 14 to be below groundwater levels within superficial Glacial Till deposits. The Proposed Change would not impact receptors or the identified mitigation for groundwater. The Proposed Change is considered negligible and would not change the assessment conclusions presented within the ES Chapter 14 (Road Drainage and the Water Environment).</p>		Drainage and the Water Environment).

3.1.12. We can therefore conclude that Proposed Change 1 (Cross Street) would not result in any new, or materially different, likely significant environmental effects to those identified in the ES.

3.2. Proposed Change 2 Green Lane

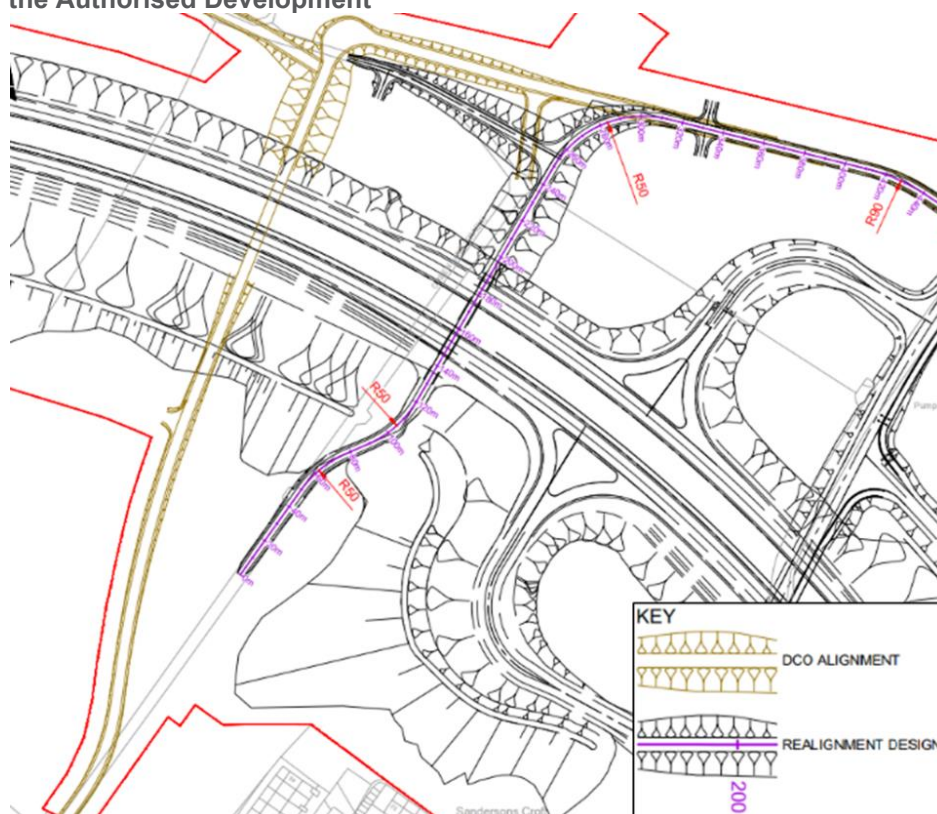
Design authorised by DCO

- 3.2.1. Green Lane comprises part of Footpath 336/017 and is also a private means of access to land north of Kirkby Thore. The Authorised Development involves the realignment of Green Lane to the west of its existing alignment and provision of a new overbridge crossing the new A66 and a reconnection to the existing alignment of Green Lane to the south. The realignment of Green Lane as consented also provides for a replacement private means of access and a diversion of the existing public footpath.

Description of the Proposed Change

- 3.2.2. The Proposed Change comprises keeping the current alignment of Green Lane and constructing the new Green Lane overbridge on the existing alignment of Green Lane. The realignment compared to the work currently authorised by the Order would be beyond the current lateral LoD of the authorised Work No. 0405-9 which are 3 metres either side of the centreline.
- 3.2.3. Proposed Change 2 (Green Lane) therefore comprises the realignment of the centreline of the authorised Work No. 0405-9. The current LoD (as stated above) would then apply to the realigned centreline for this numbered work.

Figure 3.2: Comparison showing the Proposed Change to the alignment of Green Lane overlaid on the Authorised Development



The reason for the Proposed Change

- 3.2.4. The Proposed Change was led by the Applicant but was developed following engagement with the landowner.
- 3.2.5. Reverting the alignment to the existing alignment of Green Lane would reduce the amount of third party land required and avoid severing the agricultural field west of the current Green Lane alignment. The bridge would also span a shorter distance, thus requiring less earthworks.

Appraisal of the environmental impact of the Proposed Change

- 3.2.6. As described in Section 2, following a screening exercise on a topic by topic basis, environmental topics have been screened out from further assessment where it is clear that there would continue to be no impacts due to the nature of the works, or the nature of the site.
- 3.2.7. Following the screening, the scope of the environmental assessment has been established for those environmental topics not screened out.
- 3.2.8. Where environmental topics have not been screened out, scoping assessments are presented in Table 3.2 below. These assessments have been undertaken against the baseline set out in the ES.

Table 3.2: Environmental Impact Assessment Scoping – Proposed Change 2 Green Lane

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 2 Green Lane				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Air Quality (ES Chapter 5) (ref. APP-048)	Works further away from sensitive receptors as identified in the ES would likely have a beneficial impact.	The horizontal alignment change acts to move traffic on Green Lane away from sensitive receptors located to the east of Green Lane, which would have a minor beneficial impact. However, the Proposed Change would not change the assessment conclusions presented within the ES Chapter 5 (Air Quality). No significant effects are therefore considered likely and no update to the ES is required.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 5 (Air Quality) not required.
Biodiversity (ES Chapter 6) (ref. APP-049)	Not applicable as change has negligible impact upon biodiversity.	The Proposed Change is negligible in terms of biodiversity and would not significantly change any impacts upon protected/priority species or significantly influence the BNG score. Overall, the Proposed Change would not change the significance levels as concluded within the ES Chapter 6 (Biodiversity). No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is negligible and would not change the assessment conclusions presented in Chapter 6 (Biodiversity).
Climate (ES Chapter 7) (ref. APP-050)	Change has no significant impact upon climate but may provide reduced carbon footprint and a marginal reduction in operational carbon emissions due to reduced construction materials, reduced earthworks and smoother traffic flow.	The Project has been designed to account for future projected climate change. The Proposed Change has no impact of the Project's ability to account for future projected climate change due to the small nature of the Proposed Change compared to the Project. By straightening the alignment and allowing for a shorter bridge, the volume of earthworks required would be reduced. This decrease in earthworks translates to lower fuel consumption by construction machinery and reduced embodied carbon from the materials used.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 7 (Climate) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 2 Green Lane				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		<p>A shorter bridge requires fewer construction materials such as steel and concrete. This reduction in material usage leads to lower embodied carbon emissions associated with the production, transportation, and installation of these materials.</p> <p>The improved alignment of Green Lane enhances the operational efficiency of the road network, potentially leading to reduced vehicle idling and smoother traffic flow. Over the long term, this can contribute to marginal reductions in operational carbon emissions.</p> <p>The overall carbon footprint and the conclusions of the ES Chapter 7 (Climate) are likely to decrease by the Proposed Change.</p>		
Cultural Heritage (ES Chapter 8) (ref. APP-051)	Not applicable as change has no impact upon heritage and archaeology features.	<p>No change to baseline and identified impacts outlined in the ES Chapter 8 (Cultural Heritage).</p> <p>No significant effects considered likely and no update to the ES required as a result of the Proposed Change.</p>	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 8 (Cultural Heritage) not required.
Geology and Soils (ES Chapter 9) (ref. APP-052)	Reduced potential of contamination and soil impacts due to fewer earthworks and reduced area of permanent agricultural land take.	Fewer earthworks would reduce potential contamination and soils impacts and the alignment changes would reduce the area of permanent agricultural land take, which would have a beneficial impact. However, the Proposed Change is considered minor and would not change the assessment conclusions presented within the ES Chapter 9 (Geology and Soils). Therefore, no updates to the conclusions of the	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 9 (Geology and Soils) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 2 Green Lane				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		ES Chapter 9 (Geology and Soils) are required as a result of the Proposed Change.		
Landscape and Visual (ES Chapter 10) (ref. APP-053)	Change to horizontal parameters along the existing Green Lane. Changed to straighten the alignment of the side road across the mainline A66 allowing a shorter bridge with less earthworks. Also avoids splitting field to south of A66.	The Proposed Change would not cause any increase in tree loss and is likely to enable the retention of more trees and therefore is of minor impact. Reducing the scale of the structure would result in a reduction in the visual impact of the bridge. However, the Proposed Change is minor and would not change the ES Chapter 10 (Landscape and Visual) assessment conclusions. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is minor and would not change the assessment conclusions presented in Chapter 10 (Landscape and Visual).
Material Assets and Waste (ES Chapter 11) (ref. APP-054)	A shorter bridge and reduced earthworks would reduce the material assets needed and waste generated.	By straightening the alignment and allowing for a shorter bridge, the volume of earthworks required is reduced, which in turn would reduce material assets needed and waste generated. A shorter bridge also requires fewer construction materials such as steel and concrete. However, ES Chapter 11 (Material Assets and Waste) assessment conclusions would not change due to the scale of the Proposed Change compared to the Project. No significant effects are considered likely and no update to the ES is required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is minor and would not change the assessment conclusions presented in Chapter 11 (Material Assets and Waste).
Noise and Vibration (ES Chapter 12) (ref. APP-055)	Reduced earthworks and further away from the nearest NSRs likely to	Fewer days of earthworks resulting from the Proposed Change would have a negligible beneficial impact on NSRs in the locale. The works required for the latest design are also located further away from the nearest NSRs, which	No change in magnitude of impact, therefore no change in	No change in effects therefore no requirement to update the assessment

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 2 Green Lane				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
	provide reduced noise impacts.	would also contribute to a negligible beneficial impact on NSRs. Therefore, no significant effects are considered likely and no update to the ES required as a result of the Proposed Change. The assessment conclusions of ES Chapter 12 (Noise and Vibration) would not change as a result of the Proposed Change.	significance of effects.	conclusions presented in Chapter 12 (Noise and Vibration).
Population and Human Health (ES Chapter 13) (ref. APP-056)	The Proposed Change is likely to have a negligible impact upon population and human health.	A reduced bridge structure would result in a reduced visual impact to residents, community facilities, businesses and recreational users. Works are located further away from sensitive receptors providing benefits to the population and human health. The Proposed Change is considered negligible and therefore no update to the ES is required. The assessment conclusions of ES Chapter 13 (Population and Human Health) would not change due to the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 13 (Population and Human Health).
Road Drainage and the Water Environment (ES Chapter 14) (ref. APP-057)	Not applicable as change has no impact upon road drainage and the water environment.	No watercourses are impacted by the Proposed Change. Updated Highways England (National Highways) Water Risk Assessment Tool (HEWRAT) in relation to the detailed design drainage design updates has not found any adverse water quality changes. No significant effects are considered likely and no update to the ES is required as a result of the Proposed Change. No additional impacts have been identified to groundwater level and flow, abstraction points, or groundwater quality. The Proposed Change would not affect the assessment or	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 14 (Road Drainage and the Water Environment) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 2 Green Lane				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		conclusions presented within the ES Chapter 14 (Road Drainage and the Water Environment).		

- 3.2.9. We can therefore conclude that Proposed Change 2 (Green Lane) would not result in any new, or materially different, likely significant environmental effects to those identified in the ES.

3.3. Proposed Change 3 Long Marton

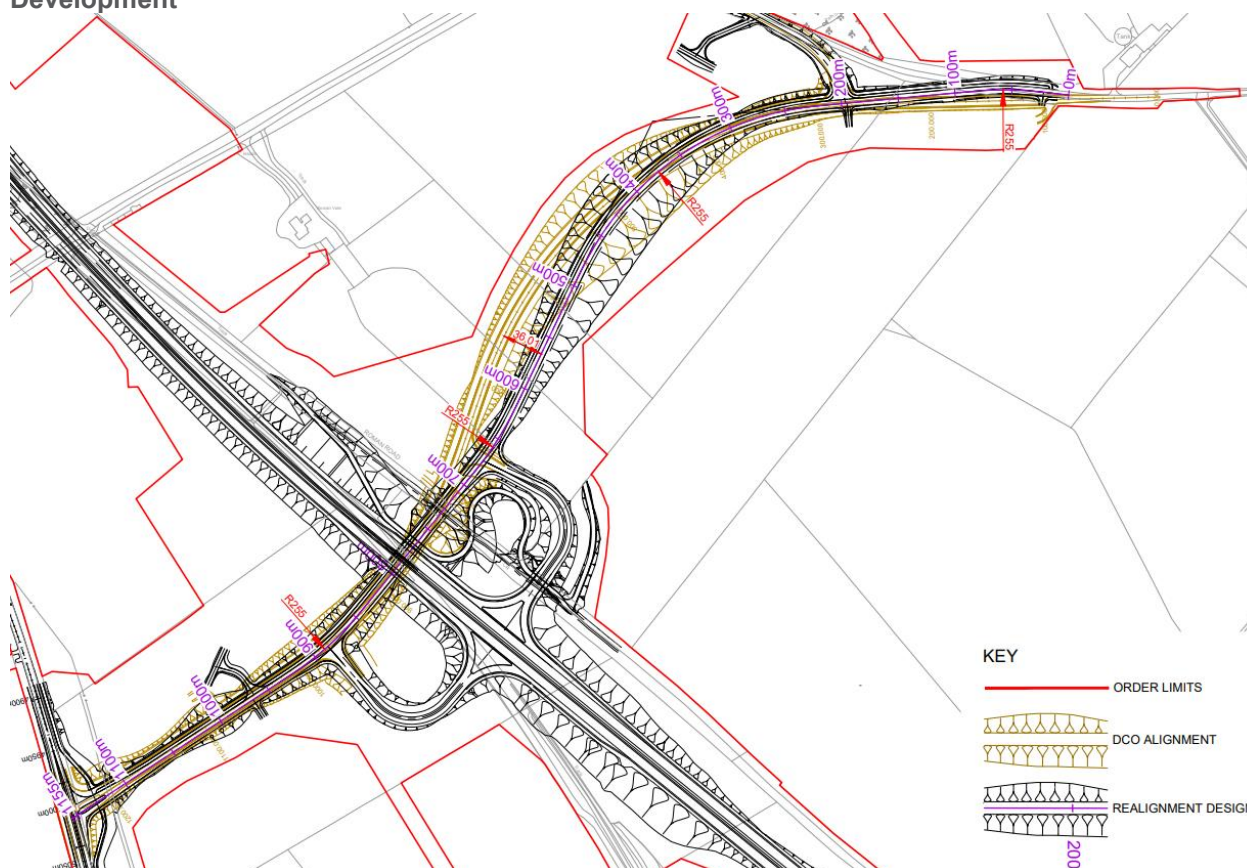
Design authorised by DCO

- 3.3.1. Long Marton is a local road (C3004), south-west of Long Marton village. It connects the village with the existing A66. The Authorised Development involves the realignment of Long Marton to the south of its existing alignment with a new underpass beneath the new A66.

Description of the Proposed Change

- 3.3.2. The Proposed Change comprises the realignment of Long Marton to reduce the span of the bridge, which would also reduce the amount of third party land required for its delivery. This realignment would also necessitate a reduction in the design speed to 85kph (50mph) which would be undertaken through a Traffic Regulation Order (TRO) in accordance with article 42 of the Order, separate to this Change Application.
- 3.3.3. The realigned design falls beyond the current lateral LoD of the authorised Work No. 0405-16 which are 3 metres either side of the centreline, the centre of the approved DCO road alignment.
- 3.3.4. Proposed Change 3 (Long Marton) therefore comprises the realignment of the centreline of Work No. 0405-16. The current LoD (as stated above) would then apply to the realigned centreline for this numbered work.

Figure 3.3: Comparison showing the Proposed Change overlaid on the Authorised Development



The reason for the Proposed Change

- 3.3.5. The Proposed Change is driven by engagement with Westmorland and Furness Council (WaFC), as both the LHA and LPA, to improve road safety. Long Marton Road has been re-designed to agreed standards following consultations with WaFC. The realignment of the bridge and approaches would provide a geometry that would encourage lower vehicle speeds.
- 3.3.6. The realignment would also reduce the length of the underpass, resulting in a minor reduction in carbon emissions through reducing the amount of materials required.

Appraisal of the environmental impact of the Proposed Change

- 3.3.7. As described in Section 2, following a screening exercise on a topic by topic basis, environmental topics have been screened out from further assessment where it is clear that there would continue to be no impacts due to the nature of the works, or the nature of the site.
- 3.3.8. Following the screening, the scope of the environmental assessment has been established for those environmental topics not screened out.
- 3.3.9. Where environmental topics have not been screened out, scoping assessments are presented in Table 3.3 below. These assessments have been undertaken against the baseline set out in the ES.

Table 3.3: Environmental Impact Assessment Scoping – Proposed Change 3 Long Marton

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 3 Long Marton				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Air Quality (ES Chapter 5) (ref. APP-048)	Not applicable as change has no impact upon air quality.	Minor alignment change (<5m) adjacent to sensitive receptor locations. Therefore, no significant effects considered likely and no update to the ES required as a result of the Proposed Change. The assessment conclusions of ES Chapter 5 (Air Quality) would not change as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 5 (Air Quality) not required.
Biodiversity (ES Chapter 6) (ref. APP-049)	Not applicable as change has limited impact upon biodiversity.	The Proposed Change may reduce impacts to the biodiversity baseline due to the retention of existing mature vegetation. However, overall, the Proposed Change is considered negligible and would not change the ES assessment conclusions of Chapter 6 (Biodiversity). No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is negligible and would not change the assessment conclusions presented in Chapter 6 (Biodiversity).
Climate (ES Chapter 7) (ref. APP-050)	Change has no significant impact upon climate but may provide reduced carbon emissions due to reduction in construction materials and construction activities.	<p>The Project has been designed to account for future projected climate change. The Proposed Change has no impact of the Project's ability to account for future projected climate change due to the small nature of the Proposed Change compared to the Project.</p> <p>Realigning the roads to reduce the span of the bridge would result in a minor reduction in carbon emissions. A shorter bridge span requires less construction material, such as concrete and steel, which in turn reduces the embodied carbon associated with these materials.</p> <p>The reduction in construction volume also translates to slightly lower fuel consumption by construction machinery, as less material needs to be transported and installed.</p>	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 7 (Climate) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 3 Long Marton				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Cultural Heritage (ES Chapter 8) (ref. APP-051)	Not applicable as change has no impact upon heritage and archaeology features.	No change to baseline and identified impacts outlined in the ES Chapter 8 (Cultural Heritage). No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 8 (Cultural Heritage) not required.
Geology and Soils (ES Chapter 9) (ref. APP-052)	Not applicable as change has no significant impact upon geology and soils.	Minor alignment change. No significant effects are considered likely as the geology and soils underlying the realignment are similar to the ground conditions for the original route, as assessed within the ES Chapter 9 (Geology and Soils). The assessment conclusions presented within the ES Chapter 9 (Geology and Soils) would therefore not change as a result of the Proposed Change and no updates to the conclusions are required.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 9 (Geology and Soils) not required.
Landscape and Visual (ES Chapter 10) (ref. APP-053)	Minor positive effect likely.	The Proposed Change would not cause an increase in tree loss and would enable the retention of more trees. The Proposed Change would likely have a minor positive effect due to the reduced bridge span and reduction in third party land required; however, this would not change the assessment conclusions of the ES Chapter 10 (Landscape and Visual). No significant effects are considered likely, and no update to the ES is required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is minor and would not change the assessment conclusions presented in Chapter 10 (Landscape and Visual).
Material Assets and Waste (ES Chapter 11) (ref. APP-054)	A shorter bridge span and reduced width of Long Marton underbridge would reduce the material assets	Reduced span of bridge may beneficially reduce materials assets needed. However, ES Chapter 11 (Material Assets and Waste) assessment conclusions would not change. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in	The Proposed Change is minor and would not change the assessment conclusions presented

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 3 Long Marton				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
	needed and waste generated.		significance of effects.	in Chapter 11 (Material Assets and Waste).
Noise and Vibration (ES Chapter 12) (ref. APP-055)	Not applicable as change has no impact upon noise and vibration.	NSRs are not close enough to this location to experience a perceptible difference from the 3m alignment change. Therefore, no significant effects considered likely and no update to the ES required as a result of the Proposed Change. The assessment conclusions of ES Chapter 12 (Noise and Vibration) would not change as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 12 (Noise and Vibration).
Population and Human Health (ES Chapter 13) (ref. APP-056)	The Proposed Change is likely to have a negligible impact upon population and human health.	Reducing the amount of third party land required is likely to have a negligible impact to residents, community facilities, businesses and recreational users. No update to the ES required as a result of the Proposed Change. The assessment conclusions of ES Chapter 13 (Population and Human Health) would not change due to the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 13 (Population and Human Health).
Road Drainage and the Water Environment (ES Chapter 14) (ref. APP-057)	Not applicable as change has limited impact upon road drainage and the water environment.	No watercourses are impacted by the Proposed Change. Updated HEWRAT assessment in relation to overall drainage design updates has not found any adverse water quality changes. No significant effects considered likely and no update to the ES required as a result of the Proposed Change. No additional impacts have been identified to groundwater level and flow, abstraction points, or groundwater quality as a result of the Proposed Change. The Proposed Change would not change the assessment or conclusions	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 14 (Road Drainage and the Water Environment) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 3 Long Marton				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		presented within the ES Chapter 14 (Road Drainage and the Water Environment).		

- 3.3.10. We can therefore conclude that Proposed Change 3 (Long Marton) would not result in any new, or materially different, likely significant environmental effects to those identified in the ES.

3.4. Proposed Change 4 Access track at Kirkby Thore

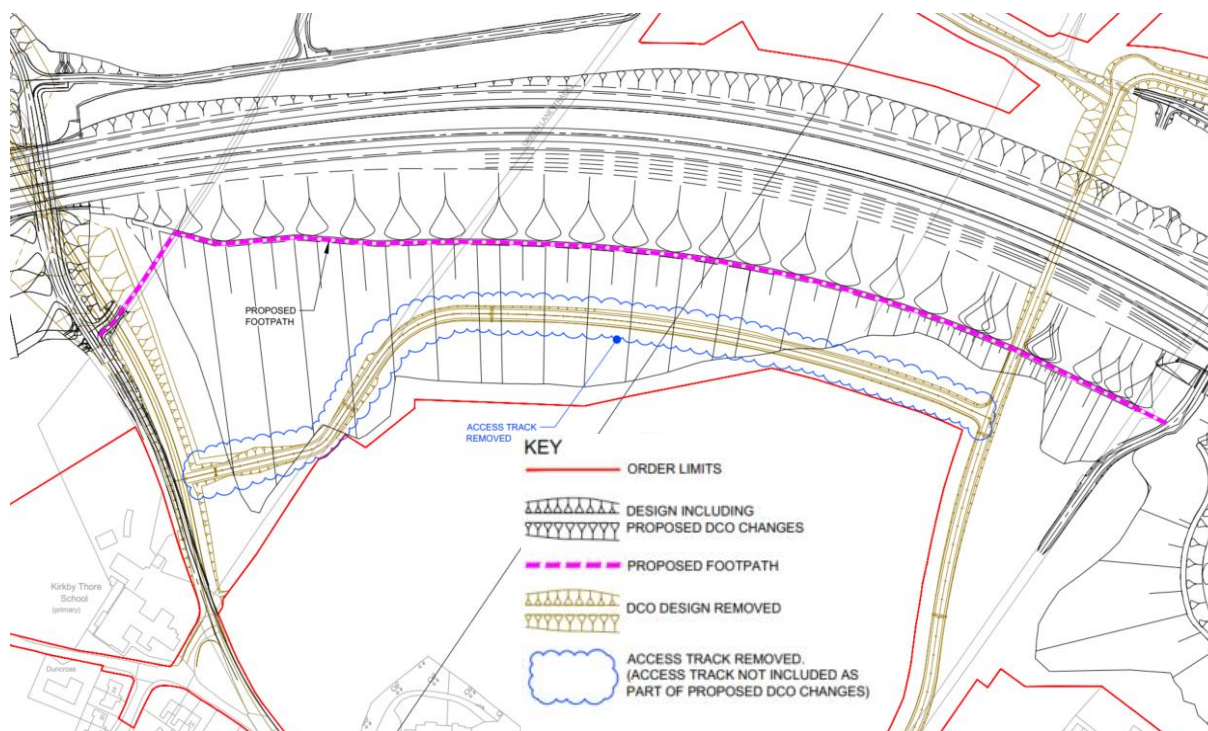
Design authorised by DCO

- 3.4.1. The Order authorises the formation of a new access track providing a private means of access and a footpath connecting the realigned Cross Street with the realigned Green Lane on an alignment located to the north of Kirkby Thore and to the south of the new A66.

Description of the Proposed Change

- 3.4.2. The Proposed Change comprises the removal (i.e. not constructing) of the approved access track between the realigned Cross Street and realigned Green Lane, and instead creating a new section of PRoW (as shown by the pink dashed line in Figure 5 below) along the bottom of the southern embankment of the new A66 between the realigned Cross Street and Green Lane.
- 3.4.3. Proposed Change 4 (Access Track at Kirkby Thore) therefore requires the change of a provision for a public right of way and private means of access between Green Lane and Cross Street to a PRoW to be shown on an updated version of Sheet 2 of the Rights of Way and Access Plans.

Figure 3.4: Comparison showing the Proposed Change overlaid on the Authorised Development



The reason for the Proposed Change

- 3.4.4. During consultation with the landowner, they expressed that existing field access is sufficient without the need for the section of access track authorised by the DCO. The removal of the access track would reduce the severance of the farmland and reduce the amount of third party land required. The proposed new PRoW along the bottom of the embankment ensures there is still a right of way between Cross Street and Green Lane following the proposed removal of the approved access track.

Appraisal of the environmental impact of the Proposed Change

- 3.4.5. As described in Section 2, following a screening exercise on a topic by topic basis, environmental topics have been screened out from further assessment where it is clear that there would continue to be no impacts due to the nature of the works, or the nature of the site.
- 3.4.6. Following the screening, the scope of the environmental assessment has been established for those environmental topics not screened out.
- 3.4.7. Where environmental topics have not been screened out, scoping assessments are presented in Table 3.4 below. These assessments have been undertaken against the baseline set out in the ES.

Table 3.4: Environmental Impact Assessment Scoping – Proposed Change 4 Access track at Kirkby Thore

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 4 Access track at Kirkby Thore				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Air Quality (ES Chapter 5) (ref. APP-048)	Not applicable as change has no impact upon air quality.	The Proposed Change is not considered to have an impact on air quality with no sensitive receptors adjacent to the Proposed Change. No significant effects are therefore considered likely and no update to the ES Chapter 5 (Air Quality) is required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 5 (Air Quality) not required.
Biodiversity (ES Chapter 6) (ref. APP-049)	Slight improvement in BNG score due to reduction of hardstanding and replacement with planting.	Slight improvement to the BNG score due to reduction of hardstanding and replacement with planting. However, the Proposed Change is negligible and would not change the ES Chapter 6 (Biodiversity) assessment conclusions. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is negligible and would not change the assessment conclusions presented in Chapter 6 (Biodiversity).
Climate (ES Chapter 7) (ref. APP-050)	Not applicable as change has no significant impact upon climate.	<p>The Project has been designed to account for future projected climate change. The Proposed Change has no impact of the Project's ability to account for future projected climate change due to the small nature of the Proposed Change compared to the Project.</p> <p>The relocation of the PRow with grass and fingerpost signs does not require additional construction machinery or extensive construction activities beyond what was initially planned. Therefore, there would be no significant change in the fuel consumption of construction activities.</p> <p>The materials required for the PRow, such as fencing and signage, have minimal embodied carbon. The overall material requirements remain similar in scope and do not</p>	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 7 (Climate) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 4 Access track at Kirkby Thore				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		introduce significant additional embodied carbon emissions.		
Cultural Heritage (ES Chapter 8) (ref. APP-051)	Not applicable as change has no impact upon heritage and archaeology features.	No change to baseline and identified impacts outlined in the ES Chapter 8 (Cultural Heritage). No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 8 (Cultural Heritage) not required.
Geology and Soils (ES Chapter 9) (ref. APP-052)	Reduced potential of contamination and soil impacts due to fewer earthworks and reduced area of permanent agricultural land take.	Fewer earthworks would reduce potential contamination and soils impacts and the removal of the access track would reduce the area of permanent agricultural land take, which would have a beneficial impact. However, the Proposed Change is negligible and would not change the ES Chapter 9 (Geology and Soils) assessment conclusions. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 9 (Geology and Soils) not required.
Landscape and Visual (ES Chapter 10) (ref. APP-053)	Not applicable as change has a negligible impact on landscape and visual receptors as per those in the ES.	The Proposed Change would not cause an increase in tree loss and would enable the retention of more trees. The Proposed Change would likely have a reduction in impact to the baseline conditions. However, the Proposed Change is negligible and would not change the ES Chapter 10 (Landscape and Visual) assessment conclusions. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is negligible and would not change the assessment conclusions presented in Chapter 10 (Landscape and Visual).

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 4 Access track at Kirkby Thore				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Material Assets and Waste (ES Chapter 11) (ref. APP-054)	Reduced material assets needed due to removing the need to build the access track authorised by the DCO. There would not be any impact upon waste.	The relocation of the PRoW and removing the need to build the access track authorised by the DCO should reduce the material assets needed. The Proposed Change would not change ES Chapter 11 (Material Assets and Waste) assessment conclusions. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 11 (Material Assets and Waste).
Noise and Vibration (ES Chapter 12) (ref. APP-055)	Not applicable as change has no impact upon noise and vibration.	There are no NSRs adjacent to the Proposed Change. Therefore, no significant effects considered likely and no update to the ES required as a result of the Proposed Change. The assessment conclusions of the ES Chapter 12 (Noise and Vibration) would not change as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 12 (Noise and Vibration).
Population and Human Health (ES Chapter 13) (ref. APP-056)	Change is likely to have a minor benefit in impact upon population and human health.	The Proposed Change would have a negligible impact to residents and recreational users by providing a PRoW adjacent to the new A66 between the realigned Cross Street and Green Lane. Removing the need to build the access track would provide a minor beneficial impact to businesses by reducing the amount of third party land required and not severing the farmland. No update to the ES required as a result of the Proposed Change. The assessment conclusions of ES Chapter 13 (Population and Human Health) would not change due to the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 13 (Population and Human Health).
Road Drainage and the Water Environment (ES	Not applicable as change has limited impact upon	No impacts to watercourses have been identified as a result of the Proposed Change.	No change in magnitude of impact, therefore	No change in effects therefore updated assessment of the

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 4 Access track at Kirkby Thore				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Chapter 14) (ref. APP-057)	road drainage and the water environment.	<p>Potential for slight improvement in surface water quality with a reduction in hardstanding.</p> <p>No additional impacts have been identified to groundwater level and flow, abstraction points, or groundwater quality. The Proposed Change would not change the assessment or conclusions presented within the ES Chapter 14 (Road Drainage and the Water Environment).</p>	no change in significance of effects.	conclusions presented in Chapter 14 (Road Drainage and the Water Environment) not required.

3.4.8. We can therefore conclude that Proposed Change 4 (Access track at Kirkby Thore) would not result in any new, or materially different, likely significant environmental effects to those identified in the ES.

3.5. Proposed Change 5 B6542 and Spitals Farm Access

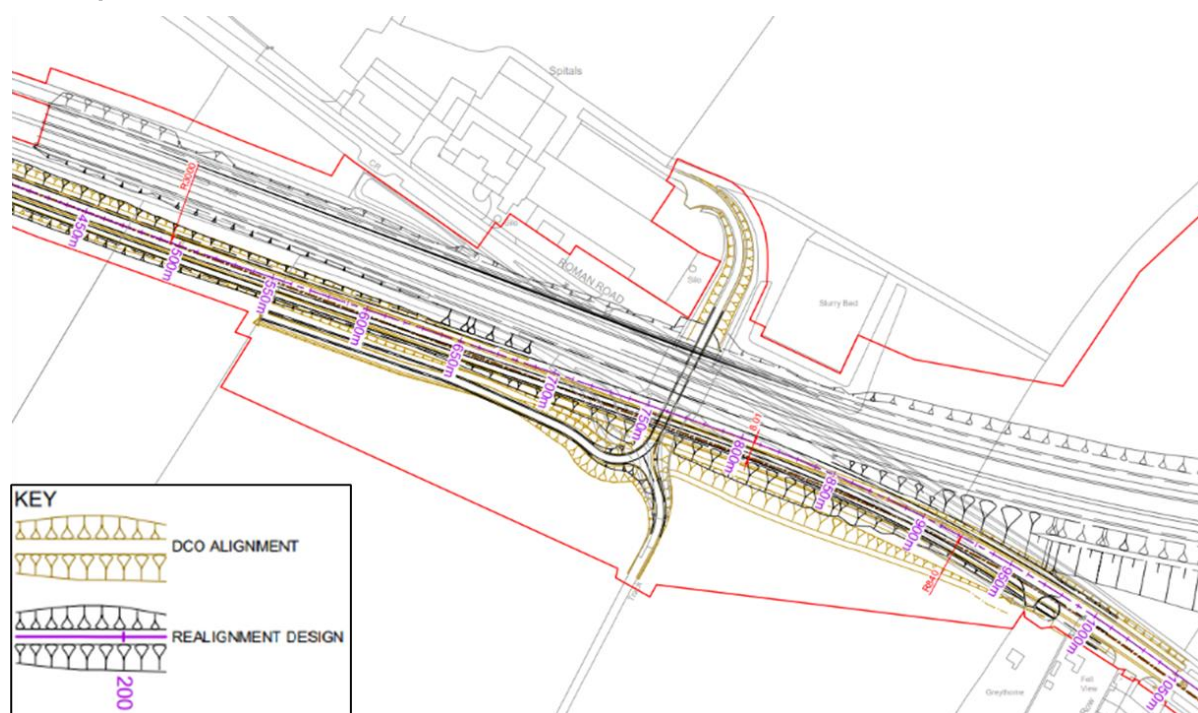
Design authorised by DCO

- 3.5.1. To the south-east of Spitals Farm, the existing A66 will be de-trunked and re-classified as the new B6542, which, in addition, will comprise a length of new highway (also to be classified as the B6542), running largely adjacent to the new A66. The Order authorises the stopping up and replacement of a private means of access to Spitals Farm, via an underpass beneath the new A66 and the re-classified as the B6542.

Description of the Proposed Change

- 3.5.2. The Proposed Change is to the alignment of the new B6542, moving up to 8 metres closer to the new A66. This exceeds the lateral LoD for the authorised Work No. 0405-4A which is 3 metres either side of the centreline of the road approved in the DCO.
- 3.5.3. Proposed Change 5 (B6542 and Spitals Farm access) therefore comprises the realignment of the centreline for the authorised Work No. 0405-4A. The current LoD (as stated above) would then apply to the realigned centreline for that numbered work. This change would also involve a change to the replacement private means of access to Spitals Farm, insofar as the width of the underpass (beneath the de-trunked A66 / new B6542 and the new A66) would be reduced.

Figure 3.5: Comparison showing the Proposed Change overlaid on the Authorised Development



The reason for the Proposed Change

- 3.5.4. The Proposed Change has arisen during design optimisation where an opportunity to reduce the length of the underpass has been identified. This would reduce the amount of associated earthworks and third party land required. It would also reduce the duration of construction of the side road and underpass and therefore reduce disruption to the public during the construction.

Appraisal of the environmental impact of the Proposed Change

- 3.5.5. As described in Section 2, following a screening exercise on a topic by topic basis, environmental topics have been screened out from further assessment where it is clear that there would continue to be no impacts due to the nature of the works, or the nature of the site.
- 3.5.6. Following the screening, the scope of the environmental assessment has been established for those environmental topics not screened out.
- 3.5.7. Where environmental topics have not been screened out, scoping assessments are presented in Table 3.5 below. These assessments have been undertaken against the baseline set out in the ES.

Table 3.5: Environmental Impact Assessment Scoping – Proposed Change 5 B6542 and Spitals Farm Side Road

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 5 B6542 and Spitals Farm Side Road				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Air Quality (ES Chapter 5) (ref. APP-048)	Not applicable as change has negligible impact upon air quality.	Minor alignment changes only (<5m). The reduction in earthworks and the duration of activities would provide some negligible benefit to receptors during construction. Therefore, no significant effects considered likely and no update to the ES required as a result of the Proposed Change. The assessment conclusions of ES Chapter 5 (Air Quality) would not change as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 5 (Air Quality) not required.
Biodiversity (ES Chapter 6) (ref. APP-049)	Not applicable as change has negligible impact upon biodiversity.	The Proposed Change is negligible in terms of biodiversity and would not significantly change any impacts upon protected/priority species. Due to the reduction of required earthworks, this may provide a slight positive increase in the BNG score. Overall, the Proposed Change would not change the significance levels as concluded within the ES Chapter 6 (Biodiversity). No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is negligible and would not change the assessment conclusions presented in Chapter 6 (Biodiversity).
Climate (ES Chapter 7) (ref. APP-050)	Change has no significant impact upon climate but may provide reduced carbon emissions due to reduced earthworks, fewer construction materials and shorter construction duration.	The Project has been designed to account for future projected climate change. The Proposed Change has no impact of the Project's ability to account for future projected climate change due to the small nature of the Proposed Change compared to the Project. By shortening the length of the underpass and pulling the side road closer to the mainline A66, the volume of earthworks required is reduced. This reduction in	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 7 (Climate) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 5 B6542 and Spitals Farm Side Road				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		<p>earthworks means less excavation, hauling, and grading, which directly lowers the fuel consumption of construction machinery and equipment. Consequently, this leads to a decrease in carbon emissions associated with these activities.</p> <p>A shorter underpass requires fewer construction materials such as concrete and steel. The production, transportation, and installation of these materials are major sources of embodied carbon emissions. By reducing the quantity of materials needed, the Project would see a reduction in embodied carbon emissions.</p> <p>Reducing the length of the underpass and the associated earthworks would shorten the overall construction duration. A shorter construction period means less time for construction machinery to be in operation, further reducing fuel consumption and associated carbon emissions.</p> <p>The combined effects of reduced earthworks, fewer construction materials, and shorter construction durations all contribute to a potential reduction in carbon emissions.</p> <p>The Proposed Change, when taken in the context of the Project would not have a significant impact upon climate and carbon emissions and would not change the assessment or conclusions presented within the ES Chapter 7 (Climate).</p>		
Cultural Heritage (ES Chapter 8) (ref. APP-051)	Not applicable as change has no impact upon heritage and archaeology features.	<p>No change to baseline and identified impacts outlined in the ES Chapter 8 (Cultural Heritage).</p> <p>No significant effects considered likely and no update to the ES required as a result of the Proposed Change.</p>	No change in magnitude of impact, therefore no change in	No change in effects therefore updated assessment of the conclusions presented

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 5 B6542 and Spitals Farm Side Road				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
			significance of effects.	in Chapter 8 (Cultural Heritage) not required.
Geology and Soils (ES Chapter 9) (ref. APP-052)	Reduced potential of contamination and soil impacts due to fewer earthworks and reduced area of permanent agricultural land take.	Fewer earthworks would reduce potential contamination and soils impacts and the alignment changes would reduce the area of permanent agricultural land take, which would have a beneficial impact. However, the Proposed Change is considered to be minor and would not change the assessment conclusions presented within the ES Chapter 9 (Geology and Soils). Therefore, no updates to the conclusions of the ES Chapter 9 (Geology and Soils) are required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 9 (Geology and Soils) not required.
Landscape and Visual (ES Chapter 10) (ref. APP-053)	Reduction in visual impact of structure likely.	The Proposed Change is not predicted to increase tree loss. The proposed new centreline will have no change to the visual impact of the project. Therefore, the Proposed Change is negligible and would not change the ES Chapter 10 (Landscape and Visual) assessment conclusions. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is negligible and would not change the assessment conclusions presented in Chapter 10 (Landscape and Visual).
Material Assets and Waste (ES Chapter 11) (ref. APP-054)	A shorter underpass resulting in reduced earthworks would reduce the material asset needed and waste generated.	By shortening the length of the underpass and pulling the side road closer to the mainline A66, the volume of earthworks required is reduced. This reduction in earthworks means less excavation and waste generation. A shorter underpass also requires fewer material assets to construct. Reducing the length of the underpass and the associated earthworks would shorten the overall construction	No change in magnitude of impact, therefore no change in significance of effects.	The Proposed Change is minor and would not change the assessment conclusions presented in Chapter 11 (Material Assets and Waste).

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 5 B6542 and Spitals Farm Side Road				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		duration. A shorter construction period means less construction waste generated which is also beneficial. Although there are minor changes, it would not change the ES Chapter 11 (Material Assets and Waste) assessment conclusions. No significant effects are considered likely and no update to the ES is required as a result of the Proposed Change.		
Noise and Vibration (ES Chapter 12) (ref. APP-055)	Not applicable as change has no impact upon noise and vibration.	The reduction in earthworks movements and the duration of activities inherent to the task would provide a negligible benefit to NSRs in the locale. Therefore, no significant effects considered likely and no update to the ES required as a result of the Proposed Change. The assessment conclusions of ES Chapter 12 (Noise and Vibration) would not change as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 12 (Noise and Vibration).
Population and Human Health (ES Chapter 13) (ref. APP-056)	Change is likely to have a minor benefit in impact upon population and human health.	Reducing the scale of the underpass would result in a reduction in the visual impact of the structure which would provide a benefit to residents and businesses. No update to the ES is required as a result of the Proposed Change. The assessment conclusions of ES Chapter 13 (Population and Human Health) would not change due to the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 13 (Population and Human Health).
Road Drainage and the Water Environment (ES Chapter 14) (ref. APP-057)	Not applicable as change has no significant impact upon road drainage and the water environment.	No impact to watercourses as a result of the Proposed Change has been identified. There is the potential for slight improvement in surface water quality with the retention of existing vegetation. Minor alignment changes would not result in changes to HEWRAT assessment, however updated HEWRAT	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 14 (Road Drainage and the

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 5 B6542 and Spitals Farm Side Road				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		<p>assessment in relation to overall drainage design updates has not found any adverse water quality changes.</p> <p>No additional impacts have been identified to groundwater level and flow, abstraction points, or groundwater quality.</p> <p>The Proposed Change would not change the assessment or conclusions presented within the ES Chapter 14 (Road Drainage and the Water Environment).</p>		Water Environment) not required.

3.5.8. We can therefore conclude that Proposed Change 5 (B6542 and Spitals Farm access) would not result in any new, or materially different, likely significant environmental effects to those identified in the ES.

3.6. Proposed Change 6 Kemplay Bank

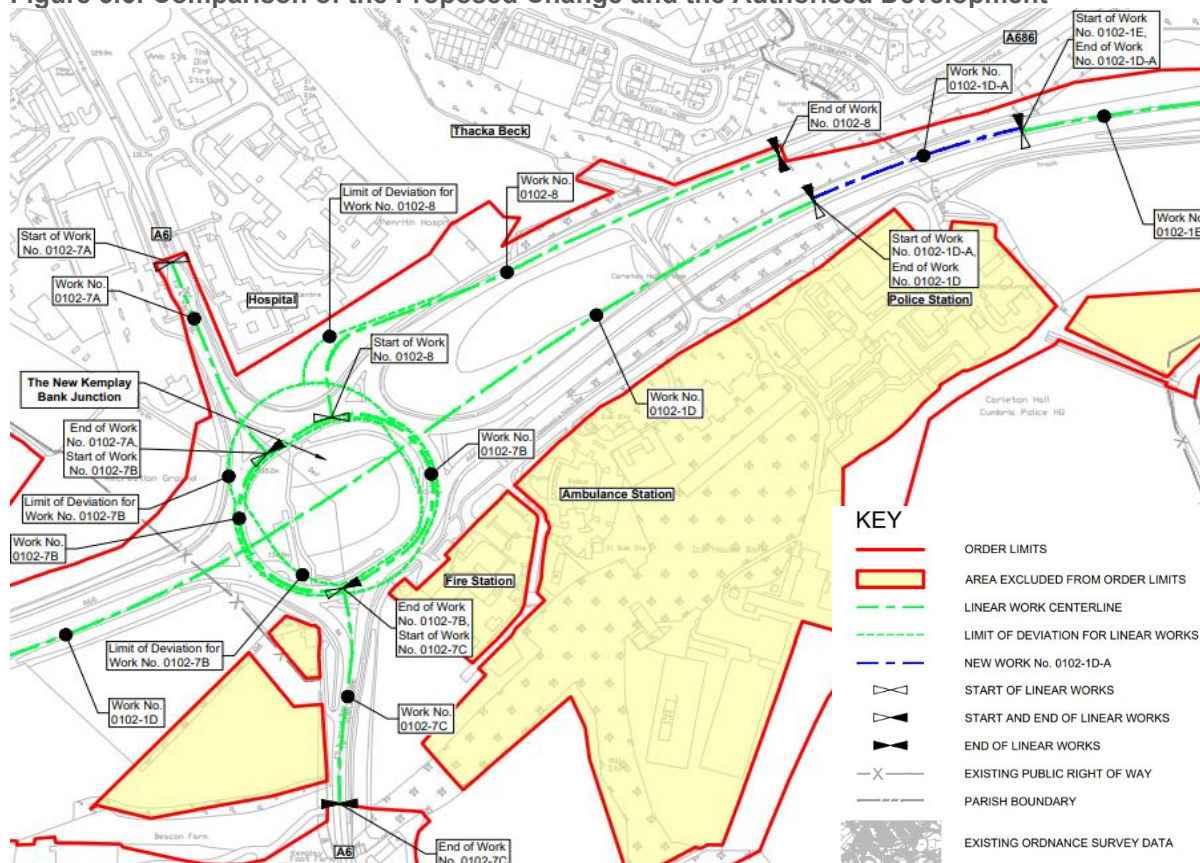
Design authorised by DCO

- 3.6.1. The Authorised Development provides a new section of A66 to be constructed to pass beneath the new Kemplay Bank junction arrangement. The new section will then tie into the existing A66 alignment.

Description of the Proposed Change

- 3.6.2. The Proposed Change is an amendment to a section of the centreline of Work No. 0102-1E. At the start of Work No 0102-1E to Chainage 11+400, the centreline will be re-located 2.5 metres to the north of its current location. The new section will be given a new Work Number and Work Number description under 0102-1D-A. The standard LoD for linear works (as set out in article 7 of the Order) will apply to the new Work No. 0102-1D-A.

Figure 3.6: Comparison of the Proposed Change and the Authorised Development



The reason for the Proposed Change

- 3.6.3. A change to the centreline in Work no. 0102-1E is required to ensure the design is compliant with highway standards associated with the realignment of Kemplay Bank roundabout and the tie-in to the existing A66. As a consequence, the alignment of the road needs to move further north than is currently possible under the DCO as made.

Appraisal of the environmental impact of the Proposed Change

- 3.6.4. As described in Section 2, following a screening exercise on a topic by topic basis, environmental topics have been screened out from further assessment where it is clear that there would continue to be no impacts due to the nature of the works, or the nature of the site.
- 3.6.5. Following the screening, the scope of the environmental assessment has been established for those environmental topics not screened out.
- 3.6.6. Where environmental topics have not been screened out, scoping assessments are presented in Table 3.6 below. These assessments have been undertaken against the baseline set out in the ES.

Table 3.6: Environmental Impact Assessment Scoping – Proposed Change 6 Kemplay Bank

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 6 Kemplay Bank				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Air Quality (ES Chapter 5) (ref. APP-048)	Not applicable as change has no impact upon air quality.	There are no additional impacts identified as a result of the Proposed Change to air quality. According to the Design Manual for Roads and Bridges (DMRB), any area with an alignment change of >5m would require an assessment and remodelling. At the start of Work No. 0102-1E the change in alignment is of 2.5m to the north (the only point of a maximum of 2.5m movement from the DCO centreline) reducing as the centreline moves further East up to chainage 11+400.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 5 (Air Quality).
Biodiversity (ES Chapter 6) (ref. APP-049)	Not applicable as change has no impact upon biodiversity.	There are no known ecological constraints to the north of the new centreline and there is not a minimum corridor width for red squirrel movement stated. The position of the new centreline has not changed the tree removal and mitigation required for the Red Squirrel population.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 6 (Biodiversity) not required.
Climate (ES Chapter 7) (ref. APP-050)	Not applicable as change has no impact upon climate.	The Project has been designed to account for future projected climate change. The Proposed Change has no impact on the Project's ability to account for future projected climate change due to the small nature of the Proposed Change compared to the Project. The Proposed Change, when taken in the context of the Project would not have a significant impact upon climate and carbon emissions and would not change the assessment or conclusions presented within the ES Chapter 7 (Climate).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 7 (Climate) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 6 Kemplay Bank				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Cultural Heritage (ES Chapter 8) (ref. APP-051)	Not applicable as change has no impact upon heritage and archaeology features.	No additional impacts have been identified to archaeological or heritage assets. The Proposed Change is considered not to change the assessment or conclusions presented within the ES Chapter 8 (Cultural Heritage).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 8 (Cultural Heritage) not required.
Geology and Soils (ES Chapter 9) (ref. APP-052)	Not applicable as change has no impact upon geology and soils.	No additional impacts have been identified to geology and soils. The Proposed Change is considered not to change the assessment or conclusions presented within the ES Chapter 9 (Geology and Soils).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 9 (Geology and Soils) not required.
Landscape and Visual (ES Chapter 10) (ref. APP-053)	Moving the current Kemplay DCO centreline position, by 2.5m to the north has no impact upon landscape and visual assessment.	The Proposed Change is not predicted to increase tree loss and planting mitigation will still be required for visual impact and biodiversity. The Proposed Change and new centreline will likely have no change to the visual impact of the project. Therefore, the Proposed Change is negligible and would not change the ES Chapter 10 (Landscape and Visual) assessment conclusions. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 10 (Landscape and Visual) not required.
Material Assets and Waste (ES Chapter 11) (ref. APP-054)	Not applicable as change has no impact upon material assets and waste. There is no additional materials, they are only being moved.	No additional impacts have been identified to material assets and waste as a result of the Proposed Change. The Proposed Change is considered not to change the assessment or conclusions presented within the ES Chapter 11 (Material Assets and Waste).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 11 (Material Assets and Waste) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 6 Kemplay Bank				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Noise and Vibration (ES Chapter 12) (ref. APP-055)	Moving the current Kemplay DCO centreline position, by 2.5m to the north has no impact upon noise and vibration.	There are no additional impacts identified for noise and vibration. The nearest receptors to the north are approximately 70m distant from the DCO centreline. Based on the DCO noise predictions an increase of 0.5dB is expected at the nearest receptors, i.e. a negligible impact on the nearest NSR.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore no requirement to update the assessment conclusions presented in Chapter 12 (Noise and Vibration).
Population and Human Health (ES Chapter 13) (ref. APP-056)	Not applicable as change has no impact upon population and human health.	No additional impacts have been identified to population and human health. The Proposed Change would not alter the conclusions presented within the ES Chapter 13 (Population and Human Health).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 13 (Population and Human Health) not required.
Road Drainage and the Water Environment (ES Chapter 14) (ref. APP-057)	Not applicable as change has no impact upon road drainage and the water environment.	No additional impacts have been identified to groundwater level and flow, abstraction points, or groundwater quality as a result of the Proposed Change. The Proposed Change would not change the assessment or conclusions presented within the ES Chapter 14 (Road Drainage and the Water Environment).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 14 (Road Drainage and the Water Environment) not required.

3.6.7. We can therefore conclude that Proposed Change 6 (Kemplay Bank) would not result in any new, or materially different, likely significant environmental effects to those identified in the ES.

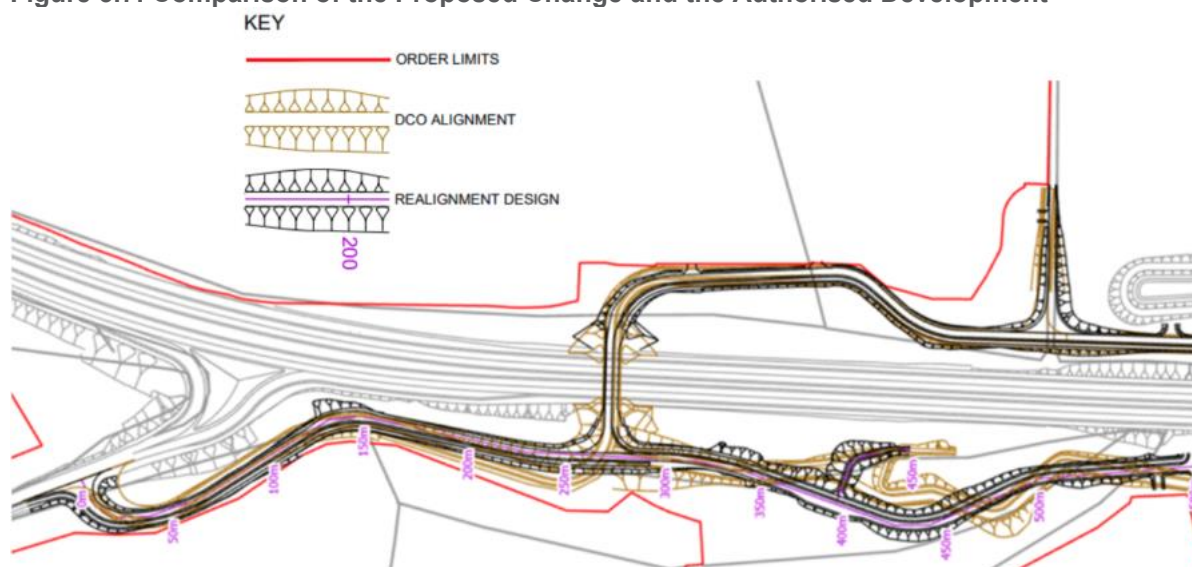
3.7. Proposed Change 7 B6262 Combined Public Rights of Way and Private Means of Access

Design authorised by DCO

- 3.7.1. The Authorised Development provides for new public rights of way and private means of access between the junction of the improved A66 with the B6262 and the Lightwater Watercourse.

Description of the Proposed Change

- 3.7.2. The Proposed Change involves the realignment of various lengths of combined PRow and PMA:
- on the south side of the A66, running between the B6262 and the site of the former Llama Karma Kafe, and providing access to the Countess Pillar which is located between them (comprising part of Work No. 03-7A, and both Work Nos. 03-9A and 03-9B); and
 - crossing over the A66, then running along the north side of the A66 in an easterly direction (comprising part of Work No. 03-7A and part of Work No. 03-7B).
- 3.7.3. Additionally, the Proposed Change on the south side of the A66 comprises the re-designation of a section of footpath to cycle track to form a continuous cycle track along the entirety of the route between the site of the former Llama Karma Kafe, the Countess Pillar and the B6262, amending the previously consented proposals which comprised mainly cycle track, but which also included a short length of footpath on the approach to the Countess Pillar.
- 3.7.4. Part of the realignment of Work No. 03-7A involves its commencement point, which is proposed to be relocated 8 metres to the south of the junction of the B6262 with the A66, in comparison with the commencement point in the previously consented proposal. This will be relocated beyond the current lateral LoD for Work No.03-07A, which are 3 metres to the north and to the south of the centre of the PMA.
- 3.7.5. Beyond that, Proposed Change 7 includes further changes to the alignment of Work No. 07-3A, which at some points exceed the lateral LoD for Work No. 03-7A, which is 3 metres either side of the centreline. Proposed Change 7 therefore includes a partial realignment of the centreline for Work No. 03-7A, to which the standard 3 metre lateral LoD (as set out in article 7 of the Order) would subsequently apply.
- 3.7.6. Amendments of the same nature are also proposed to the alignment of the centreline of Work Nos. 03-7B, 03-9A and 03-9B. The proposed re-alignments of these combined PMAs and cycle tracks extend beyond the LoD for each of the relevant numbered works. The LoD for these linear works (as set out in article 7 of the Order) will continue to apply to their realigned centrelines.

Figure 3.7: Comparison of the Proposed Change and the Authorised Development


Rationale for the Proposed Change

- 3.7.7. The proposed changes to the combined PMA and cycle tracks would reduce the need for third party land, reduce work in the vicinity of a Scheduled Monument and around watercourses and avoid the need to construct a retaining wall.
- 3.7.8. Additionally, the proposed changes to Works No. 03-07A would result in a safer junction arrangement between the B6262 and the combined PMA and cycle track by moving the junction further away from the B6262/A66 junction, whilst the realigned combined PMA and cycle track would encourage reduced vehicle speeds across the Brougham Overbridge.
- 3.7.9. The proposed changes to Works Nos. 03-09A and 03-09B would provide a more direct route between the site of the former Llama Karma Kafe, the Countess Pillar and the B6262 whilst providing a continuous cycle track, removing the need for cyclist to dismount.

Appraisal of the environmental impact of the Proposed Change

- 3.7.10. As described in Section 2, following a screening exercise on a topic by topic basis, environmental topics have been screened out from further assessment where it is clear that there would continue to be no impacts due to the nature of the works, or the nature of the site.
- 3.7.11. Following the screening, the scope of the environmental assessment has been established for those environmental topics not screened out.
- 3.7.12. Where environmental topics have not been screened out, scoping assessments are presented in Table 3.7 below. These assessments have been undertaken against the baseline set out in the ES.

Table 3.7: Environmental Impact Assessment Scoping – Proposed Change 7 B6262 Combined Public Rights of Way and Private Means of Access

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 7 B6262 Combined Public Rights of Way and Private Means of Access				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Air Quality (ES Chapter 5) (ref. APP-048)	Not applicable as change has no impact on air quality.	No change to air quality baseline or to the identified impacts as outlined in the ES Chapter 5 (Air quality).	No change in magnitude of impact, therefore no change in significance of effects.	No change in the effects, therefore updated assessment of the conclusions presented in Chapter 5 (Air Quality) is not required.
Biodiversity (ES Chapter 6) (ref. APP-049)	The revised PMA deviates from the centreline between 0.25m and 9m.	<p>The Proposed Change would result in the realignment of some mammal fencing, however the required mitigation is still able to be provided.</p> <p>The Proposed Change is considered negligible and would not change the ES Chapter 6 (Biodiversity) assessment conclusions. No significant effects are considered likely and no update to the ES required as a result of the Proposed Change.</p>	No change in magnitude of impact, therefore no change in significance of effects.	No change in the effects, therefore updated assessment of the conclusions presented in Chapter 6 (Biodiversity) is not required.
Climate (ES Chapter 7) (ref. APP-050)	Not applicable as change has no impact upon climate.	<p>The Project has been designed to account for future projected climate change. The Proposed Change has no impact on the Project's ability to account for future projected climate change due to the small nature of the Proposed Change compared to the Project.</p> <p>The Proposed Change would not have a significant impact on carbon emissions due to:</p> <ul style="list-style-type: none"> The materials to be used and the types and quantities required remain the same as those originally planned, therefore there would be no effect on the embodied carbon emissions. 	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects, therefore updated assessment of the conclusions presented in Chapter 7 (Climate) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 7 B6262 Combined Public Rights of Way and Private Means of Access				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		<ul style="list-style-type: none"> The construction activities required for the Proposed Change are in line with those already covered in the ES. No new activities are planned. <p>Therefore, any variations would be negligible and would not have a significant effect on the assessment.</p>		
Cultural Heritage (ES Chapter 8) (ref. APP-051)	The revised PMA deviates from the centreline between 0.25m and 9m.	The Proposed Change results in amendments to the earthworks and alignment of the PMA both north and south of the A66. This does not result in any more encroachment into the Scheduled Monument than previously reported and it does provide the benefit of access to the Countess Pillar. The conclusion of the effect reported in Chapter 8 (Cultural Heritage) would be unchanged and no update to the ES would be required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects, therefore updated assessment of the conclusions presented in Chapter 8 (Cultural Heritage) not required.
Geology and Soils (ES Chapter 9) (ref. APP-052)	Not applicable as change has no impact upon geology and soils.	No additional impacts have been identified to geology and soils. The Proposed Change is considered not to change the assessment or conclusions presented within the ES Chapter 9 (Geology and Soils).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects, therefore updated assessment of the conclusions presented in Chapter 9 (Geology and Soils) not required.
Landscape and Visual (ES Chapter 10) (ref. APP-053)	The revised PMA deviates from the centreline between 0.25m and 9m.	<p>The Proposed Change would not cause an increase in tree loss.</p> <p>There would be some changes to the landscape design to be adjusted to fit the new alignment, but the overall vegetation retained and replanted therefore would not change the ES Chapter 10 (Landscape and Visual) assessment conclusions. No significant effects</p>	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects, therefore updated assessment of the conclusions presented in Chapter 10 (Landscape and Visual) is not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 7 B6262 Combined Public Rights of Way and Private Means of Access				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		considered likely as there is no net loss of replacement vegetation and no update to the ES required as a result of the Proposed Change. There would be no change to any design principles and no change to design that would affect the visual amenity of the existing receptors, nor would any new receptors be affected.		
Material Assets and Waste (ES Chapter 11) (ref. APP-054)	Not applicable as change has no impact upon material assets and waste.	No additional impacts have been identified to material assets and waste as a result of the Proposed Change. The Proposed Change is considered to not change the assessment or conclusions presented within the ES Chapter 11 (Material Assets and Waste).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects, therefore updated assessment of the conclusions presented in Chapter 11 (Material Assets and Waste) not required.
Noise and Vibration (ES Chapter 12) (ref. APP-055)	Not applicable as change has no impact on noise and vibration.	The Proposed Change does not result in any new sensitive receptors being affected nor does it move works any closer to existing sensitive receptors. The Proposed Change would not change the assessment or conclusions presented within the ES Chapter 12 (Noise and Vibration).	No change in magnitude of impact, therefore no change in significance of effects.	No change in the effects, therefore updated assessment of the conclusions presented in Chapter 12 (Noise and Vibration) is not required.
Population and Human Health (ES Chapter 13) (ref. APP-056)	Not applicable as change has no impact on population and human health.	No additional impacts have been identified to population and human health. The Proposed Change would not alter the conclusions presented within the ES Chapter 13 (Population and Human Health).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects, therefore updated assessment of the conclusions presented in the ES Chapter 13 (Population and Human Health) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 7 B6262 Combined Public Rights of Way and Private Means of Access				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Road Drainage and the Water Environment (ES Chapter 14) (ref. APP-057)	Not applicable as change has no impact upon road drainage and the water environment.	No additional impacts have been identified to groundwater level and flow, abstraction points, or groundwater quality as a result of the Proposed Change. The Proposed Change would not change the assessment or conclusions presented within the ES Chapter 14 (Road Drainage and the Water Environment).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects, therefore updated assessment of the conclusions presented in Chapter 14 (Road Drainage and the Water Environment) not required.

3.7.13. We can therefore conclude that Proposed Change 7 (B6262 Combined Public Rights of Way and Private Means of Access) would not result in any new, or materially different, likely significant environmental effects to those identified in the ES.

3.8. Proposed Change 8 Powis House Private Means of Access

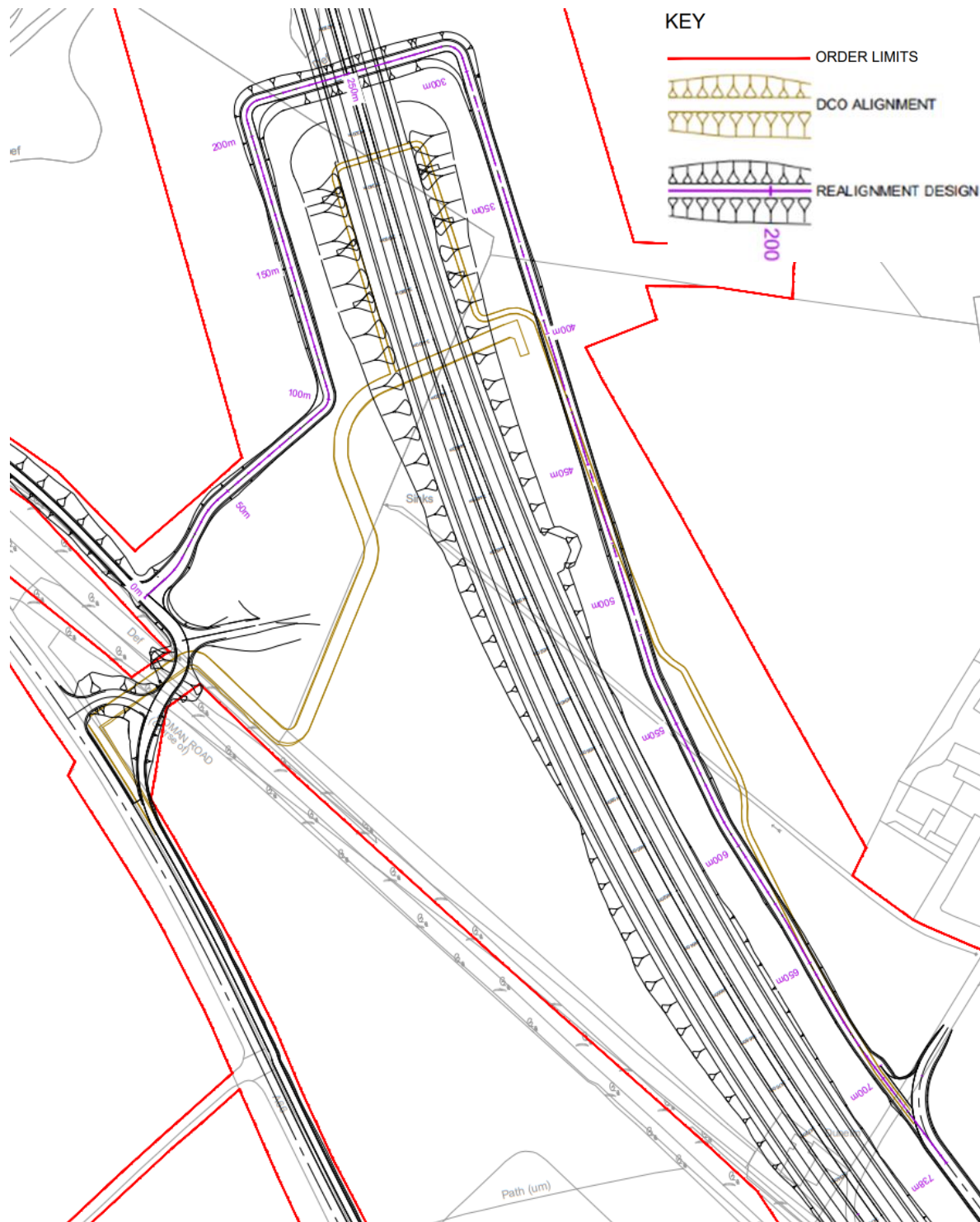
Design authorised by DCO

- 3.8.1. The Order authorises the provision of new footpaths and private means of accesses (the Trout Beck Bridge south shore maintenance track) between the existing A66 and the proposed A66. This includes the construction of a new private means of access and footpath passing beneath the Trout Beck viaduct and connecting to the existing Footpath 341/017.

Description of the Proposed Change

- 3.8.2. The Proposed Change comprises realigning the new footpath and private means of access approximately 20 metres to the northwest of its current authorised location. Such realignment is required in consequence of the shortening of the Trout Beck viaduct, which is pursuant to a detailed design change. The proposed re-alignment of the footpath and private means of access would exceed the current lateral LoD for Work No.0405-14, which is 3 metres to the north and south of the centreline of this numbered work.

Figure 3.8: Comparison of the Proposed Change and the Authorised Development



The reason for the Proposed Change

- 3.8.3. The need for the realignment of the new footpath and PMA, approximately 20 metres to the northwest of its current authorised location, is a consequence of the shortening of the Trout Beck viaduct through detailed design. Neither the footpath nor the PMA, as currently authorised, can accommodate the detailed design change; hence the proposed non-material change.

Appraisal of the environmental impact of the Proposed Change

- 3.8.4. As described in Section 2, following a screening exercise on a topic by topic basis, environmental topics have been screened out from further assessment where it is clear that there would continue to be no impacts due to the nature of the works, or the nature of the site.
- 3.8.5. Following the screening, the scope of the environmental assessment has been established for those environmental topics not screened out.
- 3.8.6. Where environmental topics have not been screened out, scoping assessments are presented in Table 3.8 below. These assessments have been undertaken against the baseline set out in the ES.

Table 3.8: Environmental Impact Assessment Scoping – Proposed Change 8 Powis House Private Means of Access

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 8 Powis House Private Means of Access				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Air Quality (ES Chapter 5) (ref. APP-048)	Not applicable as change has no impact on air quality.	There are no changes to air quality baseline or identified impacts as there are no sensitive receptors adjacent to the Proposed Change, as outlined in the ES Chapter 5 (Air quality) as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in the effects therefore updated assessment of the conclusions presented in Chapter 5 (Air Quality) is not required.
Biodiversity (ES Chapter 6) (ref. APP-049)	Not applicable as change has no impact upon biodiversity.	The Proposed Change is considered to have a negligible impact upon biodiversity and would not significantly change any impacts upon protected/priority species or significantly influence the BNG score. The Proposed Change would not change the ES Chapter 6 (Biodiversity) assessment conclusions. No significant effects are considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact, therefore no change in significance of effects.	No change in the effects therefore updated assessment of the conclusions presented in Chapter 6 (Biodiversity) is not required.
Climate (ES Chapter 7) (ref. APP-050)	Not applicable as change has no impact upon climate.	<p>The Project has been designed to account for future projected climate change. The Proposed Change has no impact of the Project's ability to account for future projected climate change due to the small nature of the Proposed Change compared to the Project.</p> <p>The Proposed Change would not have a significant impact on carbon emissions due to:</p> <ul style="list-style-type: none"> The materials to be used and the types and quantities required remain the same as those originally planned therefore there would be no effect on the embodied carbon emissions. 	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 7 (Climate) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 8 Powis House Private Means of Access				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		<ul style="list-style-type: none"> The construction activities required for the Proposed Change are in line with those already covered in the ES. No new activities are planned. <p>Therefore, any variations would be negligible and would not have a significant effect on the assessment.</p>		
Cultural Heritage (ES Chapter 8) (ref. APP-051)	Not applicable as change has no impact upon cultural heritage.	<p>No change to baseline and identified impacts outlined in the ES Chapter 8 (Cultural Heritage).</p> <p>No significant effects considered likely and no update to the ES required as a result of the Proposed Change.</p>	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 8 (Cultural Heritage) not required.
Geology and Soils (ES Chapter 9) (ref. APP-052)	Not applicable as change has no impact upon geology and soils.	No significant effects have been identified in relation to geology and soils. The geology and soils underlying the Proposed Change are similar to the ground conditions for the original PMA route, as assessed within the ES Chapter 9 (Geology and Soils). The Proposed Change is considered negligible and would not change the assessment conclusions presented within the ES Chapter 9 (Geology and Soils).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 9 (Geology and Soils) not required.
Landscape and Visual (ES Chapter 10) (ref. APP-053)	The revised PMA deviates from the centreline by approximately 20m.	There would be some changes to the landscape design to incorporate the Proposed Change, with the vegetation removed as a result of the Proposed Change being replanted, therefore the Proposed Change would not cause an increase in tree loss. There would be no change to any design principles and no new or different visual receptors would be affected due to the PMA deviating approximately 20m.	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 10 (Landscape and Visual) is not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 8 Powis House Private Means of Access				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
		The Proposed Change would not alter the ES Chapter 10 (Landscape and Visual) assessment conclusions. No significant effects are considered likely and no update to the ES required as a result of the Proposed Change.		
Material Assets and Waste (ES Chapter 11) (ref. APP-054)	Not applicable as change has no significant impact upon material assets and waste.	No additional impacts have been identified to material assets and waste as a result of the Proposed Change as no additional or different materials are required and no additional waste would be produced. The Proposed Change would not change the assessment or conclusions presented within the ES Chapter 11 (Material Assets and Waste).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 11 (Material Assets and Waste) not required.
Noise and Vibration (ES Chapter 12) (ref. APP-055)	Not applicable as change has no impact on noise and vibration.	The Proposed Change does not result in any new sensitive receptors being affected nor does it move works any closer to existing sensitive receptors. The Proposed Change would not change the assessment or conclusions presented within the ES Chapter 12 (Noise and Vibration).	No change in magnitude of impact, therefore no change in significance of effects.	No change in the effects therefore updated assessment of the conclusions presented in Chapter 12 (Noise and Vibration) is not required.
Population and Human Health (ES Chapter 13) (ref. APP-056)	Not applicable as change has no impact on population and human health.	No additional impacts have been identified to population and human health as there are no residents, community facilities and businesses impacted by the Proposed Change. The Proposed Change would not change the assessment or conclusions presented within the ES Chapter 13 (Population and Human Health).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in the ES Chapter 13 (Population and Human Health) not required.

Environmental Impact Assessment Scoping (construction and operation) – Proposed Change 8 Powis House Private Means of Access				
Environmental Assessment Topic	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment?
Road Drainage and the Water Environment (ES Chapter 14) (ref. APP-057)	Not applicable as change has no impact upon road drainage and the water environment.	No additional impacts have been identified to groundwater level and flow, abstraction points, groundwater quality and flood risk as a result of the Proposed Change. The Proposed Change would not change the assessment or conclusions presented within the ES Chapter 14 (Road Drainage and the Water Environment).	No change in magnitude of impact, therefore no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in Chapter 14 (Road Drainage and the Water Environment) not required.

3.8.7. We can therefore conclude that Proposed Change 8 (Powis House Private Means of Access) would not result in any new, or materially different, likely significant environmental effects to those identified in the ES.

4. Cumulative Assessment

- 4.1.1. A cumulative assessment has been undertaken at this stage for all of the Proposed Changes against the baseline set out in the ES.
- 4.1.2. The DMRB LA 104 Environmental assessment and monitoring (DMRB LA 104)² (Highways England, 2020) provides the standard for assessment of cumulative effects for highways schemes. Cumulative impacts can arise as the result of:
- the combined impact of a number of different environmental factors - specific impacts from a single project on a single receptor/resource; and/or
 - the combined impact of a number of different projects within the vicinity on a single receptor/resource.
- 4.1.3. The approach taken for this cumulative assessment of the Proposed Changes is based upon the approach taken for the cumulative assessment within the ES (ref. APP-058). Table 4.1 below has been taken from Chapter 15 Cumulative Effects.
- 4.1.4. The following standards and guidance have been employed for this cumulative assessment:
- DMRB LA 104 (section 3.19 – 3.22), which sets out a high-level methodology for assessing cumulative effects on highways projects; and
 - Planning Inspectorate Guidance National Significant Infrastructure Projects: Advice on Cumulative Effects Assessment (Planning Inspectorate, 2024)³.

Table 4.1: Stages of Cumulative Effects Assessment

Stage	Activity
Stage 1: Establishing the long list of 'other existing development and/or approved development'	<ul style="list-style-type: none"> identify the Zone of Influence (Zoi) for each of the environmental topics. identify a long list of 'other existing developments and/or approved developments' in the vicinity of the project which may have cumulative effects. undertake a desktop review of available environmental information for identified 'other existing development and/or approved development'. assign certainty to 'other existing development and/or approved development' using the tier system.
Stage 2: Identify short list of 'other existing development and/or approved development'	<ul style="list-style-type: none"> establish which of the identified 'other existing developments and/or approved developments' from Stage 1 have the potential to give rise to significant cumulative effects by virtue of overlaps in temporal scope, the scale and nature of the 'other existing developments and/or

² [Highways England \(2020\) Design Manual for Roads and Bridges LA 104 Environmental assessment and monitoring](#)

³ [Nationally Significant Infrastructure Projects - Advice on Cumulative Effects Assessment - GOV.UK](#)

Stage	Activity
	<p>approved developments' and receiving environment and any other relevant factors.</p> <ul style="list-style-type: none"> as noted in Planning Inspectorate Guidance National Significant Infrastructure Projects: Advice on Cumulative Effects Assessment's Establishing a shortlist of 'other existing development and/or approved development' - Professional judgement may also be used to supplement the threshold criteria and in order to avoid excluding 'other existing development and/or approved development' that is: <ul style="list-style-type: none"> Below the threshold criteria limits but has characteristics likely to give rise to a significant effect; or Below the threshold criteria limits but could give rise to a cumulative effect by virtue of its proximity to the proposed nationally significant infrastructure project.
Stage 3: Information gathering	<ul style="list-style-type: none"> information related to the shortlisted cumulative developments is gathered and reviewed.
Stage 4: Assessment	<ul style="list-style-type: none"> cumulative effects assessment of shortlisted 'other existing development and/or approved development' is undertaken. Each individual 'other existing development and/or approved development' is reviewed in turn to identify whether there is potential for significant cumulative effects. mitigation measures are identified where required.

4.2. Stage 1

- 4.2.1. The Zol for this cumulative assessment of the Proposed Changes for each environmental topic is that which was identified in the ES Figure 15.1: Cumulative zones of influence (ref. APP-144) and the ES Table 15-3 Cumulative assessment zone of influence by topic (ref. APP-058).
- 4.2.2. The study area for the longlist of 'other existing developments and/or approved developments' and Development Plan allocations includes those that are within 2km from the Order Limits and up to 5km from the Order Limits for developments requiring an Environmental Impact Assessment.
- 4.2.3. The tiers assigned to each of the 'other existing developments and/or approved developments' identified for this cumulative assessment of the Proposed Changes is as per the ES Table 15-4 Project tiering to assign certainty for the purpose of Cumulative Effects Assessment (as provided in Table 2 within Advice note 17) (ref. APP-058).
- 4.2.4. Identification of the 'other existing developments and/or approved developments' has been obtained by reviewing planning applications, Nationally Significant Infrastructure Projects (NSIP) applications, Transport and Work Act Orders and local plan allocations from the following authorities:
- The Planning Inspectorate (for NSIP applications) Register of Applications

- The Department for Transport (for Transport and Works Act Order applications)
 - Cumberland Council, register of applications and adopted local plans
 - Westmorland and Furness Council, register of applications and adopted local plans.
- 4.2.5. The planning application data was screened through a filtering process to remove the following:
- Any planning applications older than five years (i.e. dating from prior to 31st October 2020)
 - Small scale applications that would not be expected to give rise to significant effects, or contribute to significant cumulative effects, for example:
 - Construction of small-scale agricultural buildings
 - House extensions or cosmetic changes to buildings
 - Micro-generation wind turbines
 - Roof mounted solar PV panels
 - Renewal of planning permission for retention of existing operational use
 - Tree works
 - Listed building applications
 - Withdrawn applications
 - Dismissed appeals
 - Refused applications where the opportunity for appeal has passed (six months)
 - Prior notification (Notice of Intention) applications
 - Non-material amendments
 - Discharge or variation of conditions.
- 4.2.6. The longlist of '*other existing developments and/or approved developments*' for cumulative assessment of the Proposed Changes for planning allocations was obtained via a search of the planning websites for Cumberland Council and Westmorland and Furness Council which met the above criteria are listed in Table 4.2 below.
- 4.2.7. The longlist of '*County Development Plan allocations*' is for the cumulative assessment of the Proposed Changes for the employment and housing allocations from the Eden District Council Local Development Plan which met the above criteria are listed in Table 4.3 below as of 31st October 2025.

4.3. Stage 2

- 4.3.1. The long list of *'other existing developments and/or approved developments'* identified in Stage 1 has been subject to further threshold criteria to identify a short list of developments for this cumulative assessment of the Proposed Changes.
- 4.3.2. The threshold criteria considered in shortlisting a development is outlined in the ES Table 15-15-5 Criteria for shortlist of 'other existing development and/or approved development' (ref. APP-058). The criteria have come from Planning Inspectorate guidance and the Environmental Impact Assessment (EIA) Regulations 2017⁴.
- 4.3.3. Professional judgement has been applied to 'other existing developments and/or approved developments' that exceed the thresholds but do not give rise to discernible effects. Where relevant, the reasons for excluding any 'other existing development and/or approved development' from further consideration are outlined in Tables 4.2 and 4.3.
- 4.3.4. Generally, only 'other existing developments and/or approved developments' where an EIA is required are considered appropriate for inclusion in this cumulative assessment of the Proposed Changes but topics have considered all of the factors listed in the ES Table 15-15-5 Criteria for shortlist of 'other existing development and/or approved development' (ref. APP-058).
- 4.3.5. The long list of developments provided in Tables 4.2 and 4.3 above has been condensed from Stage 1 to Stage 2 using the criteria listed in the ES Table 15-15-5 Criteria for shortlist of 'other existing development and/or approved development' (ref. APP-058).
- 4.3.6. The shortlist of 'other existing developments and/or approved developments' for cumulative assessment of the Proposed Changes are listed in Table 4.4 below.

⁴ [The Town and Country Planning \(Environmental Impact Assessment\) Regulations 2017](#)

Table 4.2: Stages 1 and 2 - Longlist of 'other existing developments and/or approved developments' for cumulative assessment of the Proposed Changes

Local Authority	Application Reference	Applicant for 'other development' and brief description	Distance from Order Limits (m)	Decision	Date of Decision	Tier	Within Zol?	Progress to Stage 3?
Cumbria County Council	20/0642	<u>Applicant</u> : Cumbria Quarrying Services Limited <u>Proposal</u> : Change of use to compound/parking/storage area and the installation of services and infrastructure including the erection of a perimeter fence to plot five Eden Business Park and the erection of No.11 aggregate bays along the western boundary of plots three and four (part retrospective).	1508.0	Full Approval	16/11/2020	1	Yes	No - less than 5ha.
Cumbria County Council	20/0226	<u>Applicant</u> : [REDACTED] <u>Proposal</u> : Extension to Memorial Hall, change of use of annexe to domestic dwelling and change of use of part playing field to car park.	626.6	Full Approval	16/11/2020	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	20/0234	<u>Applicant</u> : Exors of C E Kilvington <u>Proposal</u> : Erection of five dwellings including associated operations.	65.9	Full Approval	20/11/2020	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	20/0596	<u>Applicant</u> : [REDACTED] <u>Proposal</u> : Siting of lodge for use as residential accommodation.	1718.0	Full Approval	21/12/2020	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	20/0663	<u>Applicant</u> : Omega Proteins Ltd <u>Proposal</u> : Formation of helicopter landing pad and footpath connecting to Omega Proteins plant.	1024.7	Full Approval	22/12/2020	1	Yes	No - less than 5ha.
Cumbria County Council	20/0360	<u>Applicant</u> : Wykes <u>Proposal</u> : Erection of one dwelling.	1327.9	Full Approval	24/12/2020	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	20/0744	<u>Applicant</u> : [REDACTED] <u>Proposal</u> : Erection of concrete batching plant with aggregate bays; retention of existing storage and welfare buildings; and installation of interceptor.	441.3	Full Approval	22/02/2021	1	Yes	No - less than 5ha.
Cumbria County Council	20/0743	<u>Applicant</u> : Willan Trading Ltd <u>Proposal</u> : Erection of a commercial building.	537.6	Full Approval	24/02/2021	1	Yes	No - less than 5ha.
Cumbria County Council	20/0444	<u>Applicant</u> : [REDACTED] <u>Proposal</u> : Use of land for siting of caravan for holiday accommodation and private artist studio.	1674.7	Full Approval	25/02/2021	1	Yes	No - less than 5ha.
Cumbria County Council	20/0312	<u>Applicant</u> : Heyford Developments Ltd <u>Proposal</u> : Outline planning application for up to 100 dwellings with approval sought for access.	2.5	Outline Approval	11/03/2021	1	Yes	Yes - more than 5ha.
Cumbria County Council	20/0458	<u>Applicant</u> : Southwaite Green Mill - [REDACTED] <u>Proposal</u> : Occupational dwelling to serve Southwaite Green Mill, part retrospective. Revised scheme of approval 18/0861.	212.4	Full Approval	15/03/2021	1	Yes	No - less than 150 dwellings and less than 5ha.

Local Authority	Application Reference	Applicant for 'other development' and brief description	Distance from Order Limits (m)	Decision	Date of Decision	Tier	Within Zol?	Progress to Stage 3?
Cumbria County Council	21/0070	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Proposed off street car parking and associated works (as per previous consent 15/0735).	1461.3	Full Approval	22/03/2021	1	Yes	No - less than 5ha.
Cumbria County Council	21/0075	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Continued use of yard and part shed as HGV depot, and erection of concrete batching plant.	0.0	Full Approval	10/05/2021	1	Yes	No - less than 5ha.
Cumbria County Council	21/0109	<u>Applicant:</u> Landmarc Support Services - [REDACTED] <u>Proposal:</u> Construction of six single storey accommodation blocks and associated external works and the demolition of existing buildings.	6.5	Full Approval	18/05/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	20/0627	<u>Applicant:</u> Everbright Hotels Limited - [REDACTED] <u>Proposal:</u> Change of use from retail unit to form larger bar/reception area, installation of new frontages, insertion of windows, change of use of retail unit to provide 4 No. additional visitor accommodation bedrooms and change of use from garages/storage to 1 No. accessible en-suite visitor accommodation bedroom.	935.0	Full Approval	02/06/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	20/0383	<u>Applicant:</u> Omega Proteins <u>Proposal:</u> Retention of engineering works to form landscape planting bund.	990.4	Full Approval	10/06/2021	1	Yes	No - less than 5ha.
Cumbria County Council	20/0242	<u>Applicant:</u> Atkinson Building Contractors <u>Proposal:</u> New build office.	1574.2	Full Approval	14/06/2021	1	Yes	No - less than 5ha.
Cumbria County Council	21/0231	<u>Applicant:</u> Catlin Estates Ltd <u>Proposal:</u> Change of use and extension of agricultural buildings for leisure purposes to include the provision of 7 serviced residential units and associated communal facilities.	1623.3	Full Approval	25/06/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	20/0404	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Proposed residential dwelling.	850.5	Full Approval	19/08/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	21/0295	<u>Applicant:</u> c/o agent - Addis Town Planning Ltd - [REDACTED] <u>Proposal:</u> Outline application for use class B2, B8 and E(g) development, with all matters reserved.	1817.8	Outline Approval	22/09/2021	1	Yes	No - less than 5ha.
Cumbria County Council	21/0356	<u>Applicant:</u> Edwin Thompson Ltd - [REDACTED] <u>Proposal:</u> Construction of E(a), E(g), B2 and B8 use industrial units.	1639.7	Full Approval	23/09/2021	1	Yes	No - less than 5ha.
Cumbria County Council	21/0647	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Extension of static holiday caravan park.	23.3	Full Approval	25/10/2021	1	Yes	No - less than 5ha.
Cumbria County Council	21/0833	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Extension to provide dedicated teaching bay, physiotherapy treatment room, café, new entrance and store.	644.5	Full Approval	05/11/2021	1	Yes	No - less than 5ha.

Local Authority	Application Reference	Applicant for 'other development' and brief description	Distance from Order Limits (m)	Decision	Date of Decision	Tier	Within Zol?	Progress to Stage 3?
Cumbria County Council	21/0596	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Development of two detached dwellings.	343.4	Full Approval	11/11/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	21/0687	<u>Applicant:</u> Lowther Estate Trust <u>Proposal:</u> Proposed change of use including partial demolition of agricultural building to create 4 No.	215.6	Not Determined	15/11/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	21/0271	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Extension of existing caravan and camp site from 10 pitches to 20 pitches and addition of a camping pod.	675.2	Full Approval	16/11/2021	1	Yes	No - less than 5ha.
Cumbria County Council	21/0580	<u>Applicant:</u> Atkinson Building Contractors - [REDACTED] <u>Proposal:</u> Proposed building for E(d) indoor sport, recreation or fitness, B2 general industrial and B8 storage or distribution.	1690.7	Full Approval	08/12/2021	1	Yes	No - less than 5ha.
Cumbria County Council	21/0431	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> The provision of a new centralised dining facility comprising a single kitchen with food preparation areas, storage and staff welfare facilities, dining facility, service yard, new access road and new access bridge from existing car park.	45.2	Full Approval	16/12/2021	1	Yes	No - application details unavailable.
Cumbria County Council	20/0134	<u>Applicant:</u> Atric Ltd - [REDACTED] <u>Proposal:</u> Outline application for residential development with approval sought for access.	1933.2	Outline Approval	17/12/2020	1	Yes	No - less than 5ha.
Cumbria County Council	19/0272	<u>Applicant:</u> Northern Trading Cumbria Ltd - [REDACTED] <u>Proposal:</u> Proposed residential development of land for 26 no. Units.	0.0	Full Approval	05/01/2022	1	Yes	Yes - due to immediate proximity to project.
Cumbria County Council	21/1050	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Outline application for residential development, with approval sought for access.	1425.0	Outline Approval	24/01/2022	1	Yes	No - less than 150 dwellings and less than 5ha.
Cumbria County Council	21/0869	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Development associated with the Appleby Flood Risk Management Scheme, consisting of a new pumping station control building within Broad Close Car Park, a new outfall structure in the River Eden and reconfiguration of Broad Close Car Park.	743.3	Full Approval	26/01/2022	1	Yes	No - less than 5ha.
Westmorland and Furness Council	23/0744	<u>Applicant:</u> Story Homes <u>Proposal:</u> Residential development of 117 dwellings with associated landscaping and infrastructure.	1670	Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	23/0786	<u>Applicant:</u> Individual <u>Proposal:</u> Erection of four dwellings including associated operations.	1030	Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/1083/FPA	<u>Applicant:</u> Individual	971	Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.

Local Authority	Application Reference	Applicant for 'other development' and brief description	Distance from Order Limits (m)	Decision	Date of Decision	Tier	Within Zol?	Progress to Stage 3?
		<u>Proposal</u> : Change of use of redundant agricultural buildings to form 4 No. dwellings for holiday letting.						
Westmorland and Furness Council	23/0606	<u>Applicant</u> : Catlin Estates Ltd <u>Proposal</u> : Replacement of existing agricultural buildings with 10no serviced residential accommodation units for leisure purposes and associated communal facilities. Part retrospective.	1550	Approved with Conditions	23/08/2024	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/1001/RMA	<u>Applicant</u> : Catlin Estates Ltd <u>Proposal</u> : Reserved Matters for access, appearance, landscaping, layout and scale, attached to approval 21/0233.	1550	Approved with Conditions	04/09/2024	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2023/1208/FPA	<u>Applicant</u> : RBTL Ltd <u>Proposal</u> : Residential development of 4 No. dwellings.	874	Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/1378/FPA	<u>Applicant</u> : Morgan Sindall and the Department for Education <u>Proposal</u> : Proposed construction of a new standalone three storey school building, refurbishment and connection of the original 1887 school building and 1927 science building with a new linked walkway, retention of the sports hall and demolition of the remaining existing buildings on site, and associated access, landscaping and outdoor sports facilities.	48	Approved with Conditions	28/02/2025	1	Yes	Yes - due to close proximity to Project.
Westmorland and Furness Council	22/0285	<u>Applicant</u> : Center Parcs Ltd <u>Proposal</u> : Proposed 8no patio extensions for hot tubs with plant room buildings and associated works to existing lodges.	1150	Approved with Conditions	17/06/2022	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/0355/FPA	<u>Applicant</u> : Individual <u>Proposal</u> : Installation of slurry tank and associated agricultural building.	10	Approved with Conditions	21/05/2024	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	23/0565	<u>Applicant</u> : Individual <u>Proposal</u> : Change of use of dog day care area to provide 15 additional dog boarding kennels.	10	Approved with Conditions	30/10/2023	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	21/0306	<u>Applicant</u> : Individual <u>Proposal</u> : Change of use of agricultural land east of existing dwelling to residential use (C3 Use Class) involving the erection of a single storey garden studio.	14	Approved with Conditions	20/07/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	22/0416	<u>Applicant</u> : Story Holmes <u>Proposal</u> : Screening Opinion for a residential development.	1580	Approved	03/02/2023	3	Yes	No - tier 3, not enough detail available for assessment.
Westmorland and Furness Council	20/0312	<u>Applicant</u> : Heyford Developments Ltd <u>Proposal</u> : Outline planning application for up to 100 dwellings with approval sought for access.	973	Approved with Conditions	11/03/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	21/1029	<u>Applicant</u> : Barratt Homes	973	Decision Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.

Local Authority	Application Reference	Applicant for 'other development' and brief description	Distance from Order Limits (m)	Decision	Date of Decision	Tier	Within Zol?	Progress to Stage 3?
		<u>Proposal</u> : Reserved Matters application for appearance, landscaping, layout and scale, attached to outline approval 20/0312.						
Westmorland and Furness Council	23/0417	<u>Applicant</u> : Langton Field Caravan Park <u>Proposal</u> : Proposed extension to existing caravan park. Revised scheme, including revised access.	1860	Approved with Conditions	17/09/2024	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	21/0233	<u>Applicant</u> : Catlin Estates Ltd <u>Proposal</u> : Outline application for the demolition of existing dwelling and erection of replacement dwelling, with all matters reserved.	1640	Approved with Conditions	25/06/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	22/0027	<u>Applicant</u> : <u>Proposal</u> : Increase number of caravans from 25 to 30 in total, for the duration of Appleby Horse Fair. Previous approval 11/0611.	309	Approved with Conditions	21/03/2022	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	21/0081	<u>Applicant</u> : Saint Gobain Construction Products UK Ltd <u>Proposal</u> : Retrospective application for the erection of two site cabins.	320	Approved with Conditions	19/03/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	23/0438	<u>Applicant</u> : Individual <u>Proposal</u> : Change of use of a former methodist chapel to dwellinghouse. Re-submission of 22/0158.	248	Approved with Conditions	30/09/2024	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	22/0871	<u>Applicant</u> : Eden Animal Rescue <u>Proposal</u> : Erection of a new kennel building, minor external alterations to allow the repurposing of the existing kennel building and the installation of a package treatment plant.	1260	Approved with Conditions	09/08/2023	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	22/0415	<u>Applicant</u> : Wearmouth Plant Hire Ltd <u>Proposal</u> : Change of use of C3 residential dwelling to Class E (offices).	15	Approved with Conditions	28/10/2022	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	21/0034	<u>Applicant</u> : Individual <u>Proposal</u> : Erection of dwelling.	142	Approved with Conditions	09/06/2021	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2025/1199/FPA	<u>Applicant</u> : [REDACTED] <u>Proposal</u> : Proposed residential development of 2no dwellings.	490	Decision Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2025/0913/FPA	<u>Applicant</u> : [REDACTED] , PFK PLC <u>Proposal</u> : Replacement of existing dwelling with a two storey office building.	299	Decision Pending	N/A	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2025/1131/HOU	<u>Applicant</u> : [REDACTED] <u>Proposal</u> : Proposed detached storage building.	820	Decision Pending	N/A	1	Yes	No - less than 5ha.

Local Authority	Application Reference	Applicant for 'other development' and brief description	Distance from Order Limits (m)	Decision	Date of Decision	Tier	Within Zol?	Progress to Stage 3?
Westmorland and Furness Council	2025/0717/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Change of use of dwelling (class C3) to offices (class E).	6	Approved with Conditions	30/05/2025	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2025/0425/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Erection of 4 No. detached dwellings.	1900	Decision Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/1907/RMA	<u>Applicant:</u> Willan and Lund Holdings Limited <u>Proposal:</u> Reserved Matters application for appearance, landscaping, layout and scale, attached to approval 19/0636.	53	Approved with Conditions	05/06/2025	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2025/0472/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Temporary change of use of agricultural land to storage (use class B8) with associated offices and w.c. facilities for 3 years.	938	Decision Pending	N/A	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2025/0233/FPA	<u>Applicant:</u> [REDACTED], British Gypsum <u>Proposal:</u> Retrospective application for an EV car park.	149	Approved with Conditions	01/05/2025	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2024/2292/FPA	<u>Applicant:</u> K G Dudson Ltd <u>Proposal:</u> Change of use of former United Reform Church into 6no residential flats and the erection of a single linked dwelling in the car park. Part retrospective.	1450	Decision Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2025/0116/FPA	<u>Applicant:</u> [REDACTED], North East Property Investment Ltd <u>Proposal:</u> Change of use of hostel (Sui Generis) to a residential children's home (class C2).	1130	Approved with Conditions	25/04/2025	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/1905/FPA	<u>Applicant:</u> Kiddlywinks Nursery <u>Proposal:</u> Erection of a nursery classroom building.	490	Approved with Conditions	25/03/2025	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2025/0139/FPA	<u>Applicant:</u> [REDACTED] Optician <u>Proposal:</u> Change of use of flat (class C3) to form part of optometrist practice (class E).	794	Approved with Conditions	15/05/2025	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2024/2275/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Single storey extension to the front elevation to provide an additional 14no bedrooms with associated communal accommodation, and creation of new parking and retaining wall.	1670	Decision Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/2391/SCREEN	<u>Applicant:</u> Network Rail <u>Proposal:</u> Screening Opinion for the reconstruction of the railway bridge and associated temporary compounds.	2120	Permitted Development	13/02/2025	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2024/2170/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Proposed solar array.	102	Approved with Conditions	06/03/2025	1	Yes	No - less than 5ha.

Local Authority	Application Reference	Applicant for 'other development' and brief description	Distance from Order Limits (m)	Decision	Date of Decision	Tier	Within Zol?	Progress to Stage 3?
Westmorland and Furness Council	2024/2276/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Change of use of agricultural building to a dwellinghouse and associated operations.	1880	Decision Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/1053/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Erection of an agricultural field shelter and storage building.	554	Approved with Conditions	13/02/2025	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2024/2122/REG77	<u>Applicant:</u> [REDACTED], DG and E Ltd <u>Proposal:</u> Regulation 77 application for change of use of offices (class E) to 4no residential units (class C3).	1090	Decision Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/2085/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Proposed change of use of barns to form 2no dwellings and alterations and extension to the existing annexe.	472	Decision Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/2057/FPA	<u>Applicant:</u> [REDACTED], Penrith Mountain Rescue <u>Proposal:</u> Erection of new base building for Penrith Mountain Rescue and Cumbria Ore and Mines Rescue Unit, and associated works.	1740	Approved with Conditions	06/03/2025	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2024/1592/FPA	<u>Applicant:</u> Brayshaw Doble <u>Proposal:</u> Demolition of existing dwelling and erection of a single storey dwelling, detached hydrotherapy pool with associated parking and landscaping.	216	Approved with Conditions	14/11/2024	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/1648/FPA	<u>Applicant:</u> Motor Fuel Group <u>Proposal:</u> Extension to the existing sales building, installation of an EV charging zone, substation, LV electrical enclosures, 3no jet wash bays and associated works.	799	Approved with Conditions	13/11/2024	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2024/1255/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Replacement of existing 2no 1 bed single storey cluster accommodation units with 2no 2 bed single storey cluster accommodation units. Re-submission of 23/0477.	814	Decision Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/1384/FPA	<u>Applicant:</u> [REDACTED], Westmorland Family <u>Proposal:</u> Proposed replacement of existing cold stores with a single story extension to provide pie production space with cold storage, and delivery and dispatch area.	944	Approved with Conditions	26/09/2024	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/1190/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Retrospective change of use of dwelling (class C3) to holiday let/dwelling (Sui Generis).	423	Decision Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/0896/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Proposed erection of buildings over existing silage pits.	1550	Approved with Conditions	29/08/2024	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2024/0620/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Erection of a slurry store.	329	Approved with Conditions	23/08/2024	1	Yes	No - less than 150 dwellings and less than 5ha.

Local Authority	Application Reference	Applicant for 'other development' and brief description	Distance from Order Limits (m)	Decision	Date of Decision	Tier	Within Zol?	Progress to Stage 3?
Westmorland and Furness Council	2025/1867/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Installation of ground mounted solar PV.	1820	Pending	N/A	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2025/1819/FPA	<u>Applicant:</u> Moose and Mouse Ltd <u>Proposal:</u> Change of use and refurbishment of former stable block and blacksmith block to form additional hotel accommodation, creation of new access route from main hotel, creation of enclosed courtyard between blacksmith block and stable block and associated works.	506	Pending	N/A	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2025/0854/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Change of use of former dairy barn to form ancillary annexe accommodation to main dwelling. Demolish dilapidated former dwelling and erection of new garden room and workshop in lieu, and erection of new car garage.	1560	Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.
Westmorland and Furness Council	2025/1805/FPA	<u>Applicant:</u> [REDACTED], Vantage SPV 1 LLP <u>Proposal:</u> Demolition of two storage buildings and construction of a new B8 storage building.	1220	Pending	N/A	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2025/1372/FPA	<u>Applicant:</u> SM Roofing and Cladding Ltd <u>Proposal:</u> Change of use of place of worship (use class F1) to class E use.	1230	Pending	N/A	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2025/1166/FPA	<u>Applicant:</u> [REDACTED], T J Ewbank Ltd <u>Proposal:</u> Change of use of agricultural land for the siting of 2 glamping pods with associated works.	1770	Pending	N/A	1	Yes	No - less than 5ha.
Westmorland and Furness Council	2025/1315/FPA	<u>Applicant:</u> [REDACTED] <u>Proposal:</u> Proposed replacement dwelling.	206	Pending	N/A	1	Yes	No - less than 150 dwellings and less than 5ha.

Table 4.3: Stage 1 and 2 - Longlist of Development Plan allocations for cumulative assessment of the Proposed Changes - Eden District Council Local Development Plan

Local Authority	Application Reference	Applicant for 'other development' and brief description	Distance from Order Limits (m)	Status	Tier	Within Zol?	Progress to Stage 3?
Employment Allocations							
Eden District Council	Eden Business Park Phase 1	Eden County Council LDP Employment Allocation Eden Business Park Phase 1 Purpose built industrial/business estate, partly developed but majority are just infrastructure. Offices to be developed, predominantly undeveloped but site infrastructure in place. 7.8ha	1503	Allocated EM2, 1996 Local Plan, 1.3ha. Allocated Eden Local Plan 2014- 32.	3	Yes	No - tier 3, appears to have been completed. Forms the Baseline.
Eden District Council	Eden Business Park Phase 2	Eden County Council LDP Employment Allocation Eden Business Park Phase 2 Additional Buffer. 4.1ha	1601	Allocated Eden Local Plan 2014- 32.	3	Yes	No - tier 3, not enough detail available for assessment.
Housing Allocations							
Eden District Council	E4	Eden County Council LDP Housing Allocation E4 Land at Carleton Hall Farm 4.7ha and 86 housing units <u>Associated application:</u> 19/0840 <u>Applicant:</u> BDW Trading Ltd (t/a Barratt Homes Manchester) Mr J Stewart-Milne <u>Proposal:</u> Residential development of 105 dwellings and associated infrastructure.	0	Allocated	3	Yes	Yes - tier 3, application 19/0840 currently "live" for 105 dwellings and associated infrastructure.
Eden District Council	AP16	Eden County Council LDP Housing Allocation AP16 Land behind Cross Croft 5.1ha and 115 housing units.	1206	Allocated	3	Yes	No - tier 3, not enough detail available for assessment.
Eden District Council	AP24	Eden County Council LDP Housing Allocation AP24 Land at Westmorland Road 0.5ha and 214 housing units.	171	Allocated	3	Yes	No - tier 3, not enough detail available for assessment.
Eden District Council	N1a	Eden County Council LDP Housing Allocation N1a Salkeld Road, Penrith 9.6ha 250 housing units.	2081	Allocated	3	Yes	No - tier 3, not enough detail available for assessment.

4.4. Stage 3

- 4.4.1. In line with Planning Inspectorate guidance on cumulative assessments, the following information on the 'other existing developments and/or approved developments' shortlisted has been compiled from publicly available information including:
- proposed design and location information
 - proposed programme of construction, operation and decommissioning
 - environmental assessments that set out baseline data and effects arising from the 'other existing development and/or approved development'.
- 4.4.2. The following information on 'other existing developments and/or approved developments' has also been compiled:
- name of the applicant (either termed as 'Individual' for a private person, or a company name)
 - distance from the Order Limits of the Project in metres
 - status of the application.
- 4.4.3. This information is set out in Table 4.4 below.

Table 4.4: Stage 3 - Shortlist of 'other existing developments and/or approved developments' for cumulative assessment of the Proposed Changes

Local Authority	Application Reference	Applicant for 'other development' and brief description	Distance from Order Limits (m)	Status	Overlap in temporal scope?	Scale and nature of development likely to have a significant effect?
Cumbria County Council	19/0272	<u>Applicant</u> : Individual <u>Location</u> : Land north of Newbiggin Road, Kirkby Thore, Penrith, CA10 1UT <u>Proposal</u> : Proposed residential development of land for 26 no. Units.	0	Full Approval	Permission granted January 2022. Development has not yet commenced. Potential overlap in construction and operational temporal scope.	Yes - potential overlap in construction and operation programmes and proximity to the Project and Proposed Changes 1 and 2 may give rise to cumulative effects related to all disciplines.
Cumbria County Council	20/0312	<u>Applicant</u> : Heyford Developments Ltd <u>Location</u> : Land at Station Road, Appleby <u>Proposal</u> : Outline planning application for up to 100 dwellings with approval sought for access.	2.5	Outline Approval	Permission granted March 2021. Development has not yet commenced. Potential overlap in construction and operational temporal scope.	No - although there is potential overlap in construction and operation programmes which may give rise to cumulative (construction and operation) effects to population and human health; cumulative construction traffic, noise and air quality effects the proposed development is located outside the Zol of the Proposed Changes (approx. 4km southeast of the nearest Proposed Change).
Westmorland and Furness Council	2024/1378/FPA	<u>Applicant</u> : [REDACTED] and the Department for Education <u>Location</u> : Appleby Grammar School Battlebarrow Appleby-in-Westmorland CA16 6XU <u>Proposal</u> : Proposed construction of a new standalone three storey school building, refurbishment and connection of the original 1887 school building and 1927 science building with a new linked walkway, retention of the sports hall and demolition of the remaining existing buildings on site, and associated access, landscaping and outdoor sports facilities.	48	Approved with Conditions	Permission granted February 2025. Potential overlap in construction and operational temporal scope.	No - although there is potential overlap in construction and operation programmes which may give rise to cumulative (construction and operation) effects to population and human health; cumulative construction traffic, noise and air quality effects the proposed development is located outside the Zol of the Proposed Changes (approx. 4km southeast of the nearest Proposed Change).
Eden District Council	E4	Eden County Council LDP Housing Allocation E4 <u>Location</u> : Land at Carleton Hall Farm 4.7ha and 86 housing units <u>Associated application</u> : 19/0840 <u>Applicant</u> : BDW Trading Ltd (t/a Barratt Homes Manchester) [REDACTED] <u>Proposal</u> : Residential development of 105 dwellings and associated infrastructure.	0	Approved with Conditions	Permission granted April 2025 Potential overlap in construction and operational temporal scope.	Yes - potential overlap in construction and operation programmes and proximity to the Project and Proposed Changes 6 and 7 may give rise to cumulative effects related to all disciplines.

4.5. Stage 4

- 4.5.1. The assessment of significance of the cumulative effects of the Proposed Changes is determined in accordance with the significance assessment as detailed within the ES Chapter 4: Environmental Impact Assessment Methodology (ref. APP-047). The significance criteria for cumulative effects has been derived from guidance set out within the DMRB LA 104.
- 4.5.2. Where significant cumulative effects are identified as a result of the Proposed Changes, an assessment of the need for additional mitigation (further to that already set out within the ES Chapters 5 to 14) (ref. APP-048 to APP-057) is undertaken.

4.6. Assessment of cumulative effects

- 4.6.1. For each identified 'other existing development and/or approved development', consideration has been made as to the likelihood that any impacts from the other development could occur at the same time as the Proposed Changes or affect similar receptors or resources. The long list of developments provided in Table 4.2 and 4.3 above has been condensed from Stage 1 to Stage 2 using the criteria listed in the ES Table 15-15-5 Criteria for shortlist of 'other existing development and/or approved development' (ref. APP-058).
- 4.6.2. Table 4.4 above provides the shortlist of 'other development and/or approved development' used for this cumulative assessment of the Proposed Changes.
- 4.6.3. Cumulative effects have been identified by considering whether:
- there would be any change in magnitude of the significant effects from the Project, as identified within the ES, as a result of the Proposed Changes, taking into consideration any impacts from the other developments. For example, a moderate adverse significant effect becoming a large adverse significant effect; or
 - the impacts of the Project on key receptors in combination with impacts potentially associated with the Proposed Changes and with 'other existing developments and/or approved developments', which would trigger a significant effect where the impacts of a project in isolation would not, i.e. a non-significant effect becoming a significant effect.
- 4.6.4. Where available, the relevant environmental information submitted for each development have been reviewed to inform the cumulative assessment.
- 4.6.5. Table 4.5 below assesses the cumulative effects of the shortlisted 'other existing developments and/or approved developments' with the Proposed Changes located within the Zol only.

Table 4.5: Stage 4 - Cumulative Assessment of Shortlist of 'other existing developments and/or approved developments' with the Proposed Changes

Local Authority	Application Reference	Distance from Order Limits (m)/Distance from Proposed Changes (m)	Assessment of Cumulative Effect	Proposed mitigation including any apportionment	Residual cumulative effect
Eden District Council (now Westmorland and Furness Council)	E4 19/0840	300/300	<p>Air Quality: Proposed Change 6 is located within the Air Quality Zol to the proposed development. As assessed in Table 3.6, Proposed Change 6 would not result in any additional significant effects on air quality to those significant and cumulative effects reported in the ES Chapter 5 Air Quality and Chapter 15 Cumulative Effects (ref. APP-048, APP-058).</p> <p>Air Quality: Proposed Change 7 is not located within the Air Quality Zol to the proposed development. As assessed in Table 3.7, Proposed Change 7 would not result in any additional significant effects on air quality to those significant and cumulative effects reported in the ES Chapter 5 Air Quality and Chapter 15 Cumulative Effects (ref. APP-048, APP-058).</p> <p>Biodiversity: the proposed development of 4.7 ha is not located within the Project footprint, although Proposed Change 6 is adjacent to the proposed development (approx. 300m distance). The development planning application has identified opportunities for biodiversity enhancements in the eastern part of the site, where the detention basin is proposed, having a beneficial impact on biodiversity, not affected by Proposed Change 6.</p> <p>Potential adverse impacts on the River Eden Special Area of Conservation (SAC) as a result of the proposed development should also be considered negligible as outlined in the developments planning documents. Consequently, it is considered cumulative effects on biodiversity as a result of the proposed development, the Project and Proposed Change 6 are not anticipated and there would be no change to the significant and cumulative effects reported in the ES Chapter 6 Biodiversity and Chapter 15 Cumulative Effects (ref. APP-049, APP-058).</p> <p>Biodiversity: Proposed Change 7 is located within the Zol to the proposed development. As assessed in Table 3.7, Proposed Change 7 will result in realignment of a small section of mammal fencing which will not create any additional or new adverse impacts. Proposed Change 7 will not affect the opportunities for biodiversity enhancements described in the proposed development planning application. Consequently, it is considered cumulative effects on biodiversity, as a result of the proposed development and Proposed Change 7, are not anticipated and there would be no change to the significant and cumulative effects reported in the ES Chapter 6 Biodiversity and Chapter 15 Cumulative Effects (ref. APP-049, APP-058).</p> <p>Cultural Heritage: the proposed development is in the vicinity of designated heritage assets, such as Carleton Hall Farm (located to the west) being physically separated from the proposed development and given this separation, it was not considered that would harm the setting of Carleton Hall Farmhouse. Similar assessments have been made in relation to the other heritage assets, concluding that the proposed development would not cause harm to the setting of any of the heritage assets listed.</p> <p>Proposed Change 6 would not introduce any new or different significant and cumulative effects to those reported in the ES Chapter 8 Cultural Heritage and Chapter 15 Cumulative Effects (ref. APP-051, APP-058).</p> <p>Cultural Heritage: the proposed development is within the Zol of cultural heritage, relative to Proposed Change 7, as it is within 2000m of the Countess Pillar Scheduled Monument (approximately 1750m distance).</p> <p>The proposed development will not encroach on the Scheduled Monument. Therefore the proposed development and Proposed Change 7, as assessed in Table 3.7, would not introduce</p>	<p>Construction phase effects can be mitigated through the implementation of industry 'best practice' measures for the proposed development and for Proposed Change 6 and Proposed Change 7 of the Project.</p> <p>Communication between the construction contractors for the proposed development and the Project would be required to ensure on-site activities are coordinated and potential cumulative effects of Proposed Change 6 and Proposed Change 7 avoided.</p> <p>With the implementation of best practice construction mitigation measures, cumulative effects upon air quality, biodiversity, cultural heritage, geology and soils, landscape and visual, noise and vibration, population and human health and road drainage and water environment are not anticipated as a result of Proposed Change 6 and Proposed Change 7.</p> <p>No further mitigation measures required.</p>	There are no residual effects for construction and operation.

Local Authority	Application Reference	Distance from Order Limits (m)/Distance from Proposed Changes (m)	Assessment of Cumulative Effect	Proposed mitigation including any apportionment	Residual cumulative effect
			<p>any new or different cumulative effects to those reported in Chapter 8 (Cultural Heritage) and Chapter 15 Cumulative Effects (ref. APP-051, APP-058).</p> <p>Geology and Soils: Proposed Change 6 is located within the Geology and Soils Zol to the proposed development. Supporting material to the proposed development concluded that the intrusive ground investigation works and contamination assessment found the proposed development site to have a very low to low risk of contamination to ground, groundwater. The geology and soils of Proposed Change 6 are similar to the ground conditions assessed in the ES Chapter 9 Geology and Soils (ref. APP-052) and therefore there would be no additional significant and cumulative effects as a result of Proposed Change 6 to those reported in the ES Chapter 9 Geology and Soils and Chapter 15 Cumulative Effects (ref. APP-052, APP-058).</p> <p>Geology and Soils: Proposed Change 7 is not located within Geology and Soils Zol to the proposed development. As assessed in Table 3.7, Proposed Change 7 would not result in any additional significant effects on geology and soils. Consequently, Proposed Change 7 and the proposed development would not introduce any new or different cumulative effects to those reported in the ES Chapter 9 Geology and Soils and Chapter 15 Cumulative Effects (ref. APP-052, APP-058).</p> <p>Materials and Waste: no assessment because ES Chapter 11 Material Assets and Waste is inherently cumulative. The effects on materials and waste from Proposed Change 6 and Proposed Change 7 is negligible in relation to the Project.</p> <p>Landscape and Visual Effects: Proposed Change 6 is located within the Landscape and Visual Zol to the proposed development. Proposed Change 6 would not result in a change of visual impact from that of the existing ES. There is a commitment to retain woodland and planting large trees to provide a wider woodland strip, to aid with biodiversity and reduce the visual impact.</p> <p>The proposed development site is allocated within the Local Plan for housing and as such there would be no significantly detrimental impact as a result of the proposed development and no additional significant and cumulative effects with the Proposed Change 6 to those reported in the ES Chapter 10 Landscape and Visual and Chapter 15 Cumulative Effects (ref. APP-053, APP-058).</p> <p>Landscape and Visual Effects: Proposed Change 7 is located within the Landscape and Visual Zol to the proposed development. As assessed in Table 3.7, Proposed Change 7 would not result in a change of visual impact. The vegetation detailed in the landscape design will be retained with a minor realignment. Proposed Change 7 would not change the ES Chapter 10 (Landscape and Visual) assessment conclusions. The proposed development is allocated for housing. There is no line of sight from the proposed development to Proposed Change 7 and because of this, and as the realignment is minor with no reduction in planned vegetation planting, there would be no different or additional significant and cumulative effects reported in the ES Chapter 10 Landscape and Visual and Chapter 15 Cumulative Effects (ref. APP-053, APP-058).</p> <p>Noise and Vibration: Proposed Change 6 together with the construction of the proposed development have the potential to increase noise impacts at nearby receptors. With the implementation of an appropriate Noise and Vibration Management Plan and an Environmental Management Plan, it is expected that noise impacts arising from construction of Proposed</p>		

Local Authority	Application Reference	Distance from Order Limits (m)/Distance from Proposed Changes (m)	Assessment of Cumulative Effect	Proposed mitigation including any apportionment	Residual cumulative effect
			<p>Change 6 would be minimised and would not give rise to any new or different significant and cumulative effect to those assessed in the ES Chapter 12 Noise and Vibration and Chapter 15 Cumulative Effects (ref. APP-055, APP-058). The operational noise of the Project as result of Proposed Change 6 would be negligible (based on the DCO noise predictions an increase of 0.5dB at the nearest receptors would not be significant).</p> <p>The development of E4, by utilising the existing physical features of the site and surrounding area, the cumulative effect of Proposed Change 6 would not result in any new or different significant effects to those assessed in the ES Chapter 12 Noise and Vibration and Chapter 15 Cumulative Effects (ref. APP-055, APP-058).</p> <p>Noise and Vibration: Proposed Change 7 is not located within the Noise and Vibration Zol to the proposed development. As assessed in Table 3.7 it does not result in any new sensitive receptors being affected or move works closer to existing sensitive receptors. Consequently, the proposed development and Proposed Change 7 would not result in any new or different significant effects to those assessed in the ES Chapter 12 Noise and Vibration and Chapter 15 Cumulative Effects (ref. APP-055, APP-058).</p> <p>Population and Human Health: Proposed Change 6 lies within the Population and Human Health Zol for the proposed development. Proposed Change 6 does not alter the assessment of significant and cumulative effects within the ES Chapter 13 Population and Human Health and Chapter 15 Cumulative Effects (ref. APP-056, APP-058). Proposed Change 6 does not alter any impact upon the population receptors surrounding the proposed development.</p> <p>Population and Human Health: Proposed Change 7 is not located within the Population and Human Health Zol for the proposed development. As assessed in Table 3.7, Proposed Change 7 does not alter any impact upon the population receptors surrounding the proposed development. Consequently, Proposed Change 7 would not result in any new or different significant effects to those assessed in the ES Chapter 13 Population and Human Health and Chapter 15 Cumulative Effects (ref. APP-056, APP-058).</p> <p>Road Drainage and Water Environment: the proposed development is within the Zol for Road Drainage and Water Environment for Proposed Change 6. Proposed Change 6 does not alter the construction drainage mitigation proposed as part of the Project and best practice construction mitigation implemented and maintained by both developments (sustainable urban drainage systems integrated for the proposed development). No adverse impacts would be anticipated for water environment receptors (surface water and groundwater) as a result of the proposed development. There would be no change to the significance of effects and cumulative effects as a result of Proposed Change 6 reported in the ES Chapter 14 Road Drainage and Water Environment and Chapter 15 Cumulative Effects (ref. APP-057, APP-058).</p> <p>Road Drainage and Water Environment: Proposed Change 7 is not within the Zol for Road Drainage and Water Environment to the proposed development. As assessed in Table 3.7, Proposed Change would not change the assessment or conclusions presented within the ES Chapter 14 (Road Drainage and the Water Environment). Consequently, Proposed Change 7 would not result in any new or different significant effects to those assessed in the ES Chapter 14 Road Drainage and Water Environment and Chapter 15 Cumulative Effects (ref. APP-057, APP-058).</p> <p>There would be no change to the significance of effects and cumulative effects reported in the ES Chapters 5: Air quality to 14: Road Drainage and the Water Environment and Chapter 15:</p>		

Local Authority	Application Reference	Distance from Order Limits (m)/Distance from Proposed Changes (m)	Assessment of Cumulative Effect	Proposed mitigation including any apportionment	Residual cumulative effect
			Cumulative Effects (ref. APP-048 – APP-058) as a result of Proposed Change 6 and Proposed Change 7.		
Cumbria County Council (now Westmorland and Furness Council)	19/0272	0/232	<p>Air Quality: Proposed Change 1 is located within the Air Quality Zol of the proposed development. As assessed in Table 3.1, Proposed Change would not result in any additional significant effects on air quality to those significant and cumulative effects reported in the ES Chapter 5 Air Quality and Chapter 15 Cumulative Effects (ref. APP-048, APP-058).</p> <p>Biodiversity: the proposed development site is relatively small in extent, located adjacent to the Project boundary and near Proposed Changes 1 and 2. Supporting material to the proposed development concluded that the mitigation measures set out would ensure any significant ecological impacts would be avoided or mitigated and that there would be no cumulation of non-significant effects that would result in a significant effect. Potential adverse impacts on the River Eden SAC as a result of the proposed development were also considered to be negligible. Consequently, it is considered cumulative effects on biodiversity as a result of the proposed development, the Project and the Proposed Changes are not anticipated and there would be no change to the significant and cumulative effects reported in the ES Chapter 6 Biodiversity and Chapter 15 Cumulative Effects (ref. APP-049, APP-058).</p> <p>Cultural Heritage: Proposed Changes 1 and 2 together with the Project and the proposed development have the potential for cumulative impacts on the setting of the Church of St Michael Grade II* listed building which is located approx. 70m east of the proposed development. Supporting material to the proposed development concluded that due to mature planting on the boundary of the proposed development site, there would be no significant or demonstrable impacts. A geophysical survey conducted on the proposed development site recommended a scheme of archaeological works should occur where any significant buried remains of a late prehistoric/Romano-British settlement and field system are revealed during construction works. The Proposed Changes would not introduce any new or different significant and cumulative effects to those reported in the ES Chapter 8 Cultural Heritage and Chapter 15 Cumulative Effects (ref. APP-051, APP-058).</p> <p>Geology and Soils: Proposed Change 1 is located within the Geology and Soils Zol of the proposed development. Supporting material to the proposed development concluded that the Phase 1 ground contamination assessment found the proposed development site to have a very low to low risk of ground contamination and ground gas. The geology and soils of the Proposed Change are similar to the ground conditions assessed in the ES Chapter 9 Geology and Soils (ref. APP-052) and therefore there would be no additional significant and cumulative effects as a result of the Proposed Change to those reported in the ES Chapter 9 Geology and Soils and Chapter 15 Cumulative Effects (ref. APP-052, APP-058).</p> <p>Materials and Waste: no assessment because ES Chapter 11 Material Assets and Waste is inherently cumulative. The effects on materials and waste from Proposed Changes 1 and 2 are negligible in relation to the Project.</p> <p>Landscape and Visual Effects: Proposed Changes 1 and 2 are located within the Landscape and Visual Zol of the proposed development. Proposed Change 1 has the potential to provide a</p>	<p>Construction phase effects can be mitigated through the implementation of industry 'best practice' measures for the proposed development and for the Proposed Changes of the Project.</p> <p>Communication between the construction contractors for the proposed development and the Project would be required to ensure on-site activities are coordinated and potential cumulative effects of the Proposed Changes avoided.</p> <p>With the implementation of best practice construction mitigation measures, cumulative effects upon air quality, biodiversity, cultural heritage, geology and soils, landscape and visual, noise and vibration, population and human health and road drainage and water environment are not anticipated as a result of the Proposed Changes.</p> <p>No further mitigation measures required.</p>	There are no residual effects for construction and operation.

Local Authority	Application Reference	Distance from Order Limits (m)/Distance from Proposed Changes (m)	Assessment of Cumulative Effect	Proposed mitigation including any apportionment	Residual cumulative effect
			<p>greater connectivity to the existing road network at Kirkby Thore, providing greater access through localised adjustments, but would have no impact on landscape and visual receptors. Proposed Change 2 would result in a reduced visual impact on residents and recreational users by reducing the scale of the Green Lane bridge. The proposed development site is allocated within the Local Plan for housing and as such there would be no significantly detrimental impact as a result of the proposed development and no additional significant cumulative effects as a result of the Proposed Changes to those reported in the ES Chapter 10 Landscape and Visual and Chapter 15 Cumulative Effects (ref. APP-053, APP-058) for the Project.</p> <p>Noise and Vibration: Proposed Changes 1 and 2 together with the construction of the Project have the potential to give rise to potential noise impacts at the proposed development site and nearby receptors. With the implementation of an appropriate Noise and Vibration Management Plan and an Environmental Management Plan, it is expected that noise impacts arising from construction of the Proposed Changes would be minimised and would not give rise to any new or different significant or cumulative effects to those assessed in the ES Chapter 12 Noise and Vibration and Chapter 15 Cumulative Effects (ref. APP-055, APP-058). The operation of the Project with the Proposed Changes is predicted to give rise to an overall beneficial impact at the NSRs near the proposed development site (alongside Priest Lane and Cross Street) as Proposed Change 2 is located further away from the nearest NSRs. The northernmost area of the proposed development site may be subject to minor impacts in the short and long-term, both during construction and operation of the Project, however the noise levels are well below the significant observed adverse effect level (SOAEL) and therefore effects are assessed as not significant. As such, the cumulative effect of the Proposed Changes would not result in any new or different significant effect to those assessed in the ES Chapter 12 Noise and Vibration and Chapter 15 Cumulative Effects (ref. APP-055, APP-058).</p> <p>Population and Human Health: Proposed Changes 1 and 2 lie within the Population and Human Health Zol of the proposed development. The Proposed Changes do not alter the land take of the proposed development, nor do they alter any impact upon the population and human health receptors surrounding the proposed development. The Proposed Changes do not alter the assessment of significant and cumulative effects within the ES Chapter 13 Population and Human Health and Chapter 15 Cumulative Effects (ref. APP-056, APP-058).</p> <p>Road Drainage and Water Environment: the proposed development is within the Zol for Road Drainage and Water Environment for the Proposed Changes. The Proposed Changes do not alter the construction drainage mitigation proposed as part of the Project and best practice construction mitigation implemented and maintained by both developments (including sustainable urban drainage systems integrated for the proposed development). No adverse impacts are anticipated for water environment receptors (surface water and groundwater) as a result of the proposed development. There would be no change to the significance of effects and cumulative effects as a result of the Proposed Changes reported in the ES Chapter 14 Road Drainage and Water Environment and Chapter 15 Cumulative Effects (ref. APP-057, APP-058).</p> <p>There would be no change to the significance of effects and cumulative effects reported in the ES Chapters 5: Air quality to 14: Road Drainage and the Water Environment and Chapter 15: Cumulative Effects (ref. APP-048 – APP-058) as a result of the Proposed Changes.</p>		

4.7. Assessment of combined effects

- 4.7.1. The group of six sensitive receptors identified in section 15.4 of the ES Chapter 15 Cumulative Effects (ref. APP-058) which may be affected by multiple factors also apply to the cumulative assessment for the Proposed Changes. There are no new sensitive receptors as a result of the Proposed Changes as those identified in section 15.4 of the ES Chapter 15 Cumulative Effects are located within the ZoI. Table 4.6 below sets out the assessment of the in-combination effects of the Proposed Changes upon these sensitive receptors between the environmental topics.

Table 4.6: In-combination Effects of Proposed Changes

Sensitive Receptors	Air Quality	Biodiversity	Cultural Heritage	Geology and Soils	Materials and Waste	Landscape and Visual Effects	Noise and Vibration	Population and Human Health	Road Drainage and Water Environment	Combined Effects and Mitigation Proposed
Human receptors in proximity to the works - Construction	No change to the in-combination effects on human health and use of amenity features in the area as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon biodiversity as a result of the Proposed Changes. No change to the in-combination effects on human health and use of amenity features in the area identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon cultural heritage as a result of the Proposed Changes. No change to the in-combination effects on human health and use of amenity features in the area identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon geology and soils as a result of the Proposed Changes. No change to the in-combination effects on human health and use of amenity features in the area identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon human health and use of amenity features in the area from materials and waste as a result of the Proposed Changes.	No change to the in-combination effects on human health and use of amenity features in the area as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on human health and use of amenity features in the area as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on human health and use of amenity features in the area as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on human health and use of amenity features in the area as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	The potential for combined effects to human health and impact to walkers, cyclists and horse riders as a result of the Proposed Changes during construction and operation would be similar to the combined effects identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).
Human receptors in proximity to the works – Operation									No interactions or combined effects identified road drainage and water environment as a result of the Proposed Changes. No change to the in-combination effects on human health and use of amenity features in the area identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No additional mitigation necessary for the Proposed Changes over and above what has been detailed in the ES Chapter 13: Population and Human Health, Section 13.9 and Section 13.10 (ref. APP-056).
Ecological Designated Sites – SACs, SPAs, SSSI and county level designations and priority habitats - Construction	No change to the in-combination effects on ecological designated sites identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon biodiversity as a result of the Proposed Changes. No change to the in-combination effects on ecological designated sites identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon cultural heritage as a result of the Proposed Changes. No change to the in-combination effects on ecological designated sites identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon geology and soils as a result of the Proposed Changes. No change to the in-combination effects on ecological designated sites identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon ecological designated sites from materials and waste as a result of the Proposed Changes.	No change to the in-combination effects on ecological designated sites identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on ecological designated sites identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon population and human health as a result of the Proposed Changes. No change to the in-combination effects on ecological designated sites identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on ecological designated sites identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	The potential for combined effects on ecological designated sites as a result of the Proposed Changes during construction and operation would be similar to the combined effects identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).
Ecological Designated Sites – SACs, SPAs, SSSI and county level designations and priority						No interactions or combined effects identified upon landscape and visual effects as a result of the Proposed Changes. No change to the in-combination effects on ecological				No additional mitigation necessary for the Proposed Changes over and above what has been detailed in the ES Chapter 6: Biodiversity, Section 6.9 and Section 6.10 (ref. APP-049) and the ES Habitats Regulation

Sensitive Receptors	Air Quality	Biodiversity	Cultural Heritage	Geology and Soils	Materials and Waste	Landscape and Visual Effects	Noise and Vibration	Population and Human Health	Road Drainage and Water Environment	Combined Effects and Mitigation Proposed
habitats – Operation						designated sites identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).				Assessment (HRA) (ref. APP-234).
North Pennines Area of Outstanding Natural Beauty (AONB) - Construction	No interactions or combined effects identified upon air quality as a result of the Proposed Changes. No change to the in-combination effects on the North Pennines AONB identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on the North Pennines AONB as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon cultural heritage as a result of the Proposed Changes. No change to the in-combination effects on the North Pennines AONB identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon geology and soils as a result of the Proposed Changes. No change to the in-combination effects on the North Pennines AONB identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon the North Pennines AONB from materials and waste as a result of the Proposed Changes.	No change to the in-combination effects on the North Pennines AONB as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon noise and vibration as a result of the Proposed Changes. No change to the in-combination effects on the North Pennines AONB identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon population and human health as a result of the Proposed Changes. No change to the in-combination effects on the North Pennines AONB identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon road drainage and water environment as a result of the Proposed Changes. No change to the in-combination effects on the North Pennines AONB identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	The potential for combined effects on the North Pennines AONB as a result of the Proposed Changes during construction and operation would be similar to the combined effects identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233). No additional mitigation necessary for the Proposed Changes over and above what has been detailed in the ES Chapter 10: Landscape and Visual, Section 10.9 and Section 10.10 (ref. APP-053).
North Pennines AONB - Operation										
Agricultural Land – Construction	No change to the in-combination effects on agricultural land as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on agricultural land as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon cultural heritage as a result of the Proposed Changes. No change to the in-combination effects on agricultural land identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on agricultural land as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon agricultural land from materials and waste as a result of the Proposed Changes.	No interactions or combined effects identified upon landscape and visual effects as a result of the Proposed Changes. No change to the in-combination effects on agricultural land identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon noise and vibration as a result of the Proposed Changes. No change to the in-combination effects on agricultural land identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on agricultural land as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on agricultural land as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	The potential for combined effects on agricultural land as a result of the Proposed Changes during construction and operation would be similar to the combined effects identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233). No additional mitigation necessary for the Proposed Changes over and above what has been detailed in the ES Chapter 13: Population and Human Health, Section 13.9 and Section 13.10 (ref. APP-056).
Agricultural Land - Operation				No interactions or combined effects identified upon geology and soils as a result of the Proposed Changes. No change to the in-			No change to the in-combination effects on agricultural land as a result of the Proposed Changes, as identified in the ES			

Sensitive Receptors	Air Quality	Biodiversity	Cultural Heritage	Geology and Soils	Materials and Waste	Landscape and Visual Effects	Noise and Vibration	Population and Human Health	Road Drainage and Water Environment	Combined Effects and Mitigation Proposed
				combination effects on agricultural land identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).			Appendix 15.3 In-Combination Effects Table (ref. APP-233).			
Designated Heritage Features - Construction	No interactions or combined effects identified upon air quality as a result of the Proposed Changes. No change to the in-combination effects on designated heritage features identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon biodiversity as a result of the Proposed Changes. No change to the in-combination effects on designated heritage features identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on designated heritage features as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on designated heritage features as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon designated heritage features from materials and waste as a result of the Proposed Changes.	No change to the in-combination effects on designated heritage features as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No change to the in-combination effects on designated heritage features as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon population and human health as a result of the Proposed Changes. No change to the in-combination effects on designated heritage features identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	No interactions or combined effects identified upon road drainage and water environment as a result of the Proposed Changes. No change to the in-combination effects on designated heritage features identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	The potential for combined effects on designated heritage features as a result of the Proposed Changes during construction and operation would be similar to the combined effects identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233). No additional mitigation necessary for the Proposed Changes over and above what has been detailed in the ES Chapter 8: Cultural Heritage, Section 8.8 and Section 8.9 (ref. APP-051).
Designated Heritage Features – Operation				No interactions or combined effects identified upon geology and soils as a result of the Proposed Changes. No change to the in-combination effects on designated heritage features identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).						
Protected Species - Construction	No change to the in-combination effects on affected habitats and protected species as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination	No change to the in-combination effects on affected habitats and protected species as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination	No interactions or combined effects identified upon cultural heritage as a result of the Proposed Changes. No change to the in-combination effects on affected habitats and protected	No change to the in-combination effects on affected habitats and protected species as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination	No interactions or combined effects identified upon habitats and protected species from materials and waste as a result of the Proposed Changes.	No interactions or combined effects identified upon landscape and visual effects as a result of the Proposed Changes. No change to the in-combination effects on affected habitats and protected	No change to the in-combination effects on affected habitats and protected species as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination	No interactions or combined effects identified upon population and human health as a result of the Proposed Changes. No change to the in-combination effects on affected habitats and protected	No change to the in-combination effects on affected habitats and protected species as a result of the Proposed Changes, as identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	The potential for combined effects on ecological designated sites as a result of the Proposed Changes during construction and operation would be similar to the combined effects identified in the ES Appendix 15.3 In-

Sensitive Receptors	Air Quality	Biodiversity	Cultural Heritage	Geology and Soils	Materials and Waste	Landscape and Visual Effects	Noise and Vibration	Population and Human Health	Road Drainage and Water Environment	Combined Effects and Mitigation Proposed
Protected Species - Operation	Effects Table (ref. APP-233).	Effects Table (ref. APP-233).	species identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	Effects Table (ref. APP-233). No interactions or combined effects identified upon geology and soils as a result of the Proposed Changes. No change to the in-combination effects on affected habitats and protected species identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).		species identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).	Effects Table (ref. APP-233).	species identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).		Combination Effects Table (ref. APP-233). No additional mitigation necessary for the Proposed Changes over and above what has been detailed in the ES Chapter 6: Biodiversity, Section 6.9 and Section 6.10 (ref. APP-049) and the ES HRA (ref. APP-234).

4.8. Summary of Cumulative Assessment

- 4.8.1. In line with the DMRB LA 104, combined and cumulative effects have been assessed for the Proposed Changes based on the conclusions of individual environmental factor assessments presented in Section 3.
- 4.8.2. Combined effects of the Proposed Changes have been assessed in Section 4.7 and Table 4.6. There are no new or materially different combined effects as a result of the Proposed Changes compared to those combined effects identified in the ES Appendix 15.3 In-Combination Effects Table (ref. APP-233).
- 4.8.3. There are no significant cumulative effects anticipated as a result of the Proposed Changes which would result in any new or materially different significant effects to those identified in the ES Chapter 5: Air Quality to Chapter 14: Road Drainage and the Water Environment (ref. APP-048 – APP-057). The Proposed Changes also result in no new or materially different significant cumulative effects to those assessed in the ES Chapter 15: Cumulative Effects (ref. APP-058). No further mitigation measures are required to those set out in the ES Chapters 5 to 14 and the relevant Environmental Management Plans.

5. Habitats Regulations Assessment

- 5.1.1. The Guidance on Changes to Development Consent Orders (December 2015) states: *‘A change to a Development Consent Order is likely to be material if it would invoke a need for a Habitats Regulations Assessment. Similarly, the need for a new or additional licence in respect of European Protected Species is also likely to be indicative of a material change. Applicants should consider discussing the need for a Habitats Regulations Assessment or a protected species licence with the appropriate statutory nature conservation body before any application for a change is prepared.’*
- 5.1.2. Since the DCO design, updated information has been received during the Detailed Design in relation to the Proposed Changes and how they may or may not impact the River Eden SAC which forms part of the HRA Stage 1 Likely Significant Effects Report (ref. APP-234) and the Stage 2 SIAA (ref. APP-235) submitted as part of the DCO Application. The DMRB LA 115 Habitats Regulations Assessment states that:
- Where changes are made to a proposed project, the conclusions of the HRA shall be reviewed and any changes in the conclusions reported (i.e. the implications for assessment conclusions and subsequent mitigation and monitoring requirements).
- 5.1.3. A number of the Proposed Changes have the potential to impact on the River Eden SAC during both construction and operation, as they are located in close proximity to the SAC and functionally linked habitats or are hydrologically connected to the SAC. The Proposed Changes are assessed in relation to the outcome of the HRA Stage 1 Likely Significant Effects Report (ref. APP-234) and the Stage 2 SIAA (ref. APP-235) submitted as part of the DCO Application.
- 5.1.4. Table 5.1 below summarises the outcome of the scoping assessment of the Proposed Changes.

Table 5.1: Design Changes assessed in relation to the Habitat Regulations Assessment

Design Change	Scoped in (✓) or out (x)	Rationale for scoping outcome
Proposed Change 1 - Cross Street	x	<p>The Proposed Change is not located in proximity to the River Eden SAC and any functionally linked habitats or hydrologically connected to the SAC.</p> <p>Consequently, Proposed Change 1 is not considered to alter the results of the assessment presented in either the HRA Stage 1 Likely Significant Effects Report (APP-234) or the Stage 2 SIAA (APP 235).</p>
Proposed Change 2 - Green Lane	x	<p>The Proposed Change is not located in proximity to the River Eden SAC and any functionally linked habitats or hydrologically connected to the SAC.</p> <p>Consequently, Proposed Change 2 is not considered to alter the results of the assessment presented in either the HRA Stage 1</p>

Design Change	Scoped in (✓) or out (x)	Rationale for scoping outcome
		Likely Significant Effects Report (APP-234) or the Stage 2 SIAA (APP 235).
Proposed Change 3 - Long Marton	✓	Due to the proximity of the Proposed Change to the River Eden SAC a HRA Comparative Assessment has been undertaken for Proposed Change 3. See Table 5.2 below for a summary of the outcome of the HRA Comparative Assessment.
Proposed Change 4 - Access track at Kirkby Thore	x	<p>The Proposed Change is not located in proximity to the River Eden SAC and any functionally linked habitats or hydrologically connected to the SAC.</p> <p>Consequently, Proposed Change 4 is not considered to alter the results of the assessment presented in either the HRA Stage 1 Likely Significant Effects Report (APP-234) or the Stage 2 SIAA (APP 235).</p>
Proposed Change 5 - B6542 and Spitals Farm Access	x	<p>The Proposed Change is not located in proximity to the River Eden SAC and any functionally linked habitats or hydrologically connected to the SAC.</p> <p>Consequently, Proposed Change 5 is not considered to alter the results of the assessment presented in either the HRA Stage 1 Likely Significant Effects Report (APP-234) or the Stage 2 SIAA (APP 235).</p>
Proposed Change 6 - Kemplay Bank	x	<p>The Proposed Change is not located in proximity to the River Eden SAC and any functionally linked habitats or hydrologically connected to the SAC.</p> <p>Consequently, Proposed Change 6 is not considered to alter the results of the assessment presented in either the HRA Stage 1 Likely Significant Effects Report (APP-234) or the Stage 2 SIAA (APP 235).</p>
Proposed Change 7 - B6262 Combined PRow and Private Means of Access	x	<p>The Proposed Change relates to realignment of various lengths of combined PRow and PMA. Although Lightwater was identified to be functionally linked to the River Eden SAC, as it was shown to support Atlantic Salmon (eDNA data only) a qualifying feature of the SAC, none of the changes would impact on Lightwater or the Unnamed Tributaries of the River Eamont.</p> <p>Consequently, Proposed Change 7 is not considered to alter the results of the assessment presented in either the HRA Stage 1 Likely Significant Effects Report (APP-234) or the Stage 2 SIAA (APP 235).</p>
Proposed Change 8 - Powis House Private Means of Access	✓	Due to the proximity of the Proposed Change to the River Eden SAC a HRA Comparative Assessment has been undertaken for Proposed Change 8. See Table 5.2 below for a summary of the outcome of the HRA Comparative Assessment.

- 5.1.5. In view of the available guidance, a scoping assessment (Table 5.1 above) was made to consider the HRA conclusions of the DCO design in view of the Proposed Changes. Table 5.1 identified that Proposed Changes 1, 2, 4, 5, 6 and 7 did not require further assessment and would not result in changes in the conclusion of the HRA for the DCO Application.
- 5.1.6. The Proposed Changes 3 and 8 were identified to require a HRA Comparative Assessment due to their proximity to the River Eden SAC. A summary of the results of the HRA Comparative Assessment for the Proposed Changes 3 and 8 are presented in Table 5.2 below.

Table 5.2: HRA Comparative Assessment Summary for Proposed Changes 3 and 8

Design Change	HRA Comparative Assessment Summary
Proposed Change 3 - Long Marton	<p>The Proposed Changes would not cause any habitat loss/reduction of the River Eden SAC and would not change the extent of shading or cause any riparian alteration.</p> <p>The Proposed Changes would not result in habitat fragmentation for designated fish species and there would be no disturbance from construction activities on the River Eden SAC from noise, vibration, dust, vehicle emissions and lighting.</p>
Proposed Change 8 - Powis House Private Means of Access	<p>The Proposed Changes would not result in the introduction or spread of invasive non-native species into the River Eden SAC.</p> <p>The Proposed Changes would not result in changes in surface and groundwater quality, quantity, hydrogeology, and fluvial geomorphological processes.</p> <p>The HRA Comparative Assessment concluded there are no additional mitigation measures or monitoring requirements necessary as a result of the Proposed Changes and as such, the Proposed Changes are considered to be non-material and do not trigger the need for a new or updated HRA.</p>

6. Conclusions

- 6.1.1. This report has considered the potential environmental impacts of the Proposed Changes and compared them to the conclusions reached in the ES.
- 6.1.2. An environmental scoping exercise and updated assessments have been undertaken of the Proposed Changes. The results of the updated assessments are summarised in Table 6.1 below.

Table 6.1: Proposed Changes - Environmental Impact Assessment Summary

Environmental Impact Assessment				
Proposed Change Ref	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment
Proposed Change 1	Horizontal geometry of Cross Street adjusted to improve road safety. Changed horizontally by up to 30.7m beyond the current lateral LoD for the consented Work No 0405-7 has no predicted impact on the environmental topics.	The lateral realignment of Cross Street overbridge, approaches and connecting junctions and private means of access have the potential to provide greater connectivity with the existing road network at Kirkby Thore by providing greater access through localised adjustments and reduce the material assets required. However these changes would not change the assessment conclusions presented in the ES as they are negligible when compared to the Project impacts. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.	No change in magnitude of impact and no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in the ES topic chapters not required.
Proposed Change 2	Change to keep Green Lane on its existing alignment rather than realigning Green Lane in accordance with the Order. Also avoids splitting field to south of A66.	The horizontal alignment change moves traffic on Green Lane away from sensitive receptors providing a beneficial impact on air quality and noise and vibration. The shorter bridge reduces the volume of earthworks and materials used providing reduced embodied carbon and benefits to materials and waste. The reduced scale of the bridge reduces the visual impact. However these changes would not change the assessment conclusions presented in the ES as they would provide a minimal benefit when compared to the Project impacts. No	No change in magnitude of impact and no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in the ES topic chapters not required.

Environmental Impact Assessment				
Proposed Change Ref	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment
		significant effects considered likely and no update to the ES required as a result of the Proposed Change.		
Proposed Change 3	Vertical and horizontal geometry to improve road safety and to better match the existing highway. Change is beyond the current lateral LoD of the authorised Work No. 0405-16.	<p>The retention of existing mature vegetation provides beneficial impacts to biodiversity. The shorter bridge reduces the volume of earthworks and materials used providing reduced embodied carbon and benefits to materials and waste and a reduction in third party land required.</p> <p>The Proposed Change is considered minor beneficial and would not change the assessment conclusions presented in the ES as they would provide a minimal benefit when compared to the Project impacts. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.</p>	No change in magnitude of impact and no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in the ES topic chapters not required.
Proposed Change 4	Removal of a new access track authorised by the Order and the provision of an alternative footpath.	Slight improvement to the BNG score due to reduction of hardstanding and replacement with planting. Fewer earthworks would reduce potential contamination and soils impacts. This would remove the need to build the access track authorised by the DCO and would reduce the area of permanent agricultural land take, having a minimal reduction in material assets needed.	No change in magnitude of impact and no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in the ES topic chapters not required.

Environmental Impact Assessment				
Proposed Change Ref	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment
		The Proposed Change is considered minor beneficial and would not change the assessment conclusions presented in the ES as they would provide a minimal benefit when compared to the Project impacts. No significant effects considered likely and no update to the ES required as a result of the Proposed Change.		
Proposed Change 5	The B6542 to be brought closer to the A66 by approximately 8m which is outside the LoD in the DCO as consented. This would reduce the length of the underpass, reduce the overall earthworks and reduce construction durations.	<p>By shortening the length of the underpass and pulling the side road closer to the mainline A66, the volume of earthworks required is reduced. This results in a decrease in carbon emissions and waste generated. A shorter underpass would result in a reduction of embodied carbon emissions due to a reduction in construction materials needed. Fewer earthworks would reduce potential contamination and soils impacts. The alignment changes would reduce the area of permanent agricultural land take, which would have a beneficial impact. Reducing the scale of the underpass would result in a reduction in the visual impact of the structure. Potential for slight improvement in surface water quality with retention of existing vegetation.</p> <p>The Proposed Change, when taken in the context of the Project, would have a minor impact and would not change the</p>	No change in magnitude of impact and no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in the ES topic chapters not required.

Environmental Impact Assessment				
Proposed Change Ref	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment
		assessment conclusions presented within the ES. Therefore, no updates to the conclusions of the ES are required as a result of the Proposed Change.		
Proposed Change 6	Moving the current DCO centreline position by 2.5m to the north.	The Proposed Change, an amendment to a section of the centerline which would be located 2.5 metres to the north, would not change the impact upon air quality, ecology and cultural heritage and the type and quantity of materials required would remain the same, thus having no impact upon embodied carbon emissions, and materials and waste; the geology and soils underlying the Proposed Change are similar to the ground conditions for the original route. The Proposed Change is not predicted to increase tree loss and is likely to enable the retention of more trees and moving the current centreline would have no affect on the visual impact. There are no changes to the biodiversity and water and groundwater assessment presented in the ES. There are no additional impacts identified for noise and vibration. The nearest receptors to the north are approximately 70m distant from the DCO centreline. Based on the DCO noise predictions an increase of 0.5dB is expected at the nearest receptors, i.e. a negligible impact on the nearest NSR.	No change in magnitude of impact and no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in the ES topic chapters not required.

Environmental Impact Assessment				
Proposed Change Ref	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment
		The Proposed Change would not change the assessment or conclusions presented within the ES and therefore, no updates to the conclusions of the ES are required as a result of the Proposed Change.		
Proposed Change 7	The revised PMA deviates from the centreline between 0.25m and 9m.	<p>The Proposed Change involves minor realignment of various lengths of combined PRow and PMA outside of the LoD. The Proposed Change will bring the benefit of a cycle track. No changes to the baseline or identified impacts will result for air quality, climate, geology and soils, materials and waste, noise and vibration, population and human health, or road drainage and water environment.</p> <p>A minor realignment of mammal fencing will result in no changes or update to the conclusions presented within the ES. Amendments to the earthworks and alignment of the PMA does not result in more encroachment into the Scheduled Monument than previously reported but does bring the benefit of improved access to the Countess Pillar.</p> <p>There would be some changes to the landscape design to fit the new alignment, but overall vegetation retained and replanted</p>	No change in magnitude of impact and no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in the ES topic chapters not required.

Environmental Impact Assessment				
Proposed Change Ref	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment
		<p>would not change and there would be no effect to visual amenity.</p> <p>The Proposed Change would not change the assessment or conclusions presented within the ES and therefore, no updates to the conclusions of the ES are required as a result of the Proposed Change.</p>		
Proposed Change 8	The realigned new footpath and PMA approximately 20m to the northwest of its current authorised location changes the landscape design, but overall vegetation is proposed to be replanted.	<p>The extended length of the footpath and PMA beyond the LoD would not change the impact upon air quality, noise and vibration and cultural heritage as there are no sensitive receptors and cultural heritage assets adjacent to the Proposed Change. The type and quantity of materials required would remain the same, thus having no impact upon embodied carbon emissions or materials and waste. The geology and soils underlying the Proposed Change are similar to the ground conditions for the original PMA route. The proposed landscape mitigation planting would offset the vegetation removed as a result of the Proposed Change and would provide visual screening benefits. There are no changes to the biodiversity and water and groundwater assessment presented in the ES.</p> <p>The Proposed Change would not change the assessment or conclusions presented within the ES and therefore, no updates to the</p>	No change in magnitude of impact and no change in significance of effects.	No change in effects therefore updated assessment of the conclusions presented in the ES topic chapters not required.

Environmental Impact Assessment				
Proposed Change Ref	Change in project parameters (as applicable to each topic)	Key change in effect/s	Assessment of effects	Updated assessment
		conclusions of the ES are required as a result of the Proposed Change.		

- 6.1.3. Taken together, the above demonstrates that the potential magnitude of impacts associated with the Proposed Changes are no greater than those previously assessed for the consented scheme, with no resulting change in significance of effects, and no new or materially different significant effects.