

A428 Black Cat to Caxton Gibbet improvements

TR010044

Volume 8

8.6 Draft Statement of Common Ground with Cambridgeshire
County Council, South Cambridgeshire District Council and
Huntingdonshire District Council

Planning Act 2008

Rule 8(1)(e)

Infrastructure Planning (Examination Procedure) Rules 2010

November 2021

Infrastructure Planning

Planning Act 2008

The Infrastructure Planning
(Examination Procedure) Rules 2010

**A428 Black Cat to Caxton Gibbet
improvements**
Development Consent Order 202[]

**8.6 Draft Statement of Common Ground with Cambridgeshire County
Council, South Cambridgeshire District Council and Huntingdonshire
District Council**

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STATEMENT OF COMMON GROUND

This Statement of Common Ground has been prepared and agreed by (1) National Highways Company Limited and (2) Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council.

Signed.....

Anne-Marie Rogers
Senior Project Manager
on behalf of National Highways
Date: 4 November 2021

This joint statement has been approved by the Officers of Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council.

[The final SOCGs for submission at Deadline 9 will include signatures from Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council.]

Signed.....

[NAME]
[POSITION]
on behalf of Cambridgeshire County Council
Date: [DATE]

Signed.....

[NAME]
[POSITION]
on behalf of Huntingdonshire District Council
Date: [DATE]

Signed.....

[NAME]
[POSITION]
on behalf of South Cambridgeshire District Council
Date: [DATE]

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1 Introduction

1.1 Purpose of this document

- 1.1.1 This Statement of Common Ground (SoCG) has been prepared in respect of the A428 Black Cat to Caxton Gibbet improvements (the Scheme) made by National Highways Company Limited (National Highways) to the Secretary of State for Transport (Secretary of State) for a Development Consent Order (the Order) under section 37 of the Planning Act 2008 (PA 2008).
- 1.1.2 The order, if granted, would authorise National Highways to construct a new 10 mile (16km) dual 2-lane carriageway from the Black Cat roundabout to Caxton Gibbet roundabout and in addition approximately 1.8 miles (3km) of tie-in works. The Scheme includes the following components:
- a. A new three-level grade separated junction at Black Cat roundabout, with the A1 at the lower level, the new dual carriageway on the upper level and a roundabout between the two at approximately existing ground level. In addition to slip roads, a new free flowing link between the A421 eastbound carriageway and the A1 northbound carriageway will also be provided.
 - b. A new grade separated all movements junction will be constructed to the east of the existing Cambridge Road roundabout to provide access to the new dual carriageway and maintain access to the existing A428.
 - c. At the Caxton Gibbet roundabout, a new grade separated all movements junction will be constructed, incorporating the existing roundabout on the south side of the new dual carriageway and a new roundabout on the north side. The new dual carriageway will then tie-in to the existing A428 dual carriageway to the east of the new Caxton Gibbet junction.
 - d. In the vicinity of the new Black Cat junction, direct access onto the A1 from some local side roads and private premises will be closed for safety reasons. A new local road will provide an alternative route. The existing Roxton Road bridge will be demolished and replaced with a new structure to the west to accommodate the realigned A421.
 - e. New crossings will be constructed to enable the new dual carriageway to cross the River Great Ouse, East Coast Main Line railway, Barford Road, the B1046/Potton Road, Toseland Road and the existing A428 at Eltisley.
 - f. The existing A428 between St Neots and Caxton Gibbet will be de-trunked and retained for local traffic and public transport with maintenance responsibility transferred to the local highway authorities.

- g. An alternative access will be provided to side roads at Chawston, Wyboston and Eltisley.
 - h. There will be safer routes for walkers, cyclists, and horse riders.
- 1.1.3 This SoCG has been produced to confirm to the Examining Authority (ExA) where agreement has been reached between the parties to it, and where agreement has not (yet) been reached. SoCGs are an established means in the planning process of allowing all parties to identify and so focus on specific issues that may need to be addressed during the Examination.

1.2 Parties to this Statement of Common Ground

This SoCG has been prepared by (1) National Highways as National Highways and (2) Cambridgeshire County Council (CCC), South Cambridgeshire District Council (SCDC) and Huntingdonshire District Council (HDC).

National Highways (formerly known as Highways England) became the Government-owned Strategic Highways Company on 1 April 2015. It is the highway authority in England for the strategic road network and has the necessary powers and duties to operate, manage, maintain and enhance the network. Regulatory powers remain with the Secretary of State. The legislation establishing National Highways made provision for all legal rights and obligations of National Highways, including in respect of the Application, to be conferred upon or assumed by National Highways.

CCC, SCDC and HDC are prescribed consultees for this application under Sections 42(1)(a) and 56(2)(a) of the PA 2008.

Collectively National Highways and CCC, SCDC and HDC are referred to as ‘the parties’.

1.3 Roles and Responsibilities

The below sets out the roles and responsibilities for each of the local authorities in relation to the issues raised as set out in Section 3:

Table 1-1 – Role and Responsibilities

Local Authority	Statutory Duty	Responsibility
Cambridgeshire County Council	Highways Authority	Protection and maintenance of all public roads and Public Rights of Way (PRoWs).
	Lead Local Flood Authority	Lead in managing local flood risks (i.e. risks of flooding from surface water, ground water and ordinary (smaller) watercourses)

Local Authority	Statutory Duty	Responsibility
	Minerals and Waste Planning Authority	Duty to plan for waste management and mineral provision.
South Cambridgeshire District Council and Huntingdonshire District Council	Local Planning Authority	All planning matters other than those projects which fall under the Planning Act 2008 (excluding or other “County” responsibilities); Tree Preservation Orders (TPO); Conservation Area Designations; declaration of Air Quality Management Areas (AQMAs); application of Local Landscape designations.
	Waste Collection Authority	Duty to arrange for the collection of household waste and, if requested, of commercial and industrial waste.

1.4 Terminology

In Section 3 of this SoCG:

- a. “Agreed” indicates where the issue has been resolved.
- b. “Not Agreed” indicates a final position, and
- c. “Under discussion” where these points will be the subject of on-going discussion wherever possible to resolve, or refine, the extent of disagreement between the parties.

It can be taken that any matters not specifically referred to in the Issues chapter of this SoCG are not of material interest or relevance to CCC, SCDC and HDC’s representation and therefore have not been considered in this document. It is recognised, however, that engagement between both parties will need to continue due to their joint vested interest in the area of the Scheme.

2 Record of Engagement

2.1.1 The parties have been engaged in consultation since the pre-application period for the proposed development. A summary of the meetings and correspondence that has taken place between National Highways and CCC, HDC and SCDC in relation to the Application are outlined in **Table 2-1**, **Table 3-7**, and **Table 3-8**, which are set out in Appendix A.

2.1.2 It is agreed that this is an accurate record of the key engagement and consultation undertaken between (1) National Highways and (2) CCC, HDC and SCDC in relation to the issues addressed in this SoCG.

2.1.3 The issues and matters highlighted in Section 3 of this SoCG summarise the key issues that have been identified in relation to a number of key areas of the DCO application.

3 Issues Raised

Table 3-1 – DCO and Legal Matters

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
1.1	Draft DCO Definitions	Draft Development Consent Order [APP-025]	The draft DCO (dDCO) definitions are appropriate for the Scheme.	CCC, HDC and SCDC's position is set out at REP3-039.	The discussions on the definitions are ongoing.	
1.2	Draft DCO Articles/powers sought	Draft Development Consent Order [APP-025]	The articles and schedules in the dDCO contain those powers required by National Highways to deliver the Scheme. The powers sought are appropriate for the Scheme.	CCC, HDC and SCDC's position is set out at REP3-039.	The discussions on the articles/powers are ongoing.	
1.3	Draft DCO Requirements	Draft Development Consent Order [APP-025]	The requirements set out in Part 1 of Schedule 2 of the dDCO are appropriate and provide a suitable framework for securing the necessary and relevant environmental mitigation measures and other environmental control measures.	CCC, HDC and SCDC's position is set out at REP3-039.	The discussions on the requirements are ongoing.	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			The procedures for discharge requirements as set out in Part 2 of Schedule 2 of the dDCO are appropriate and satisfactorily involve Cambridgeshire County Council (CCC), Huntingdonshire District Council (HDC) and South Cambridgeshire District Council (SCDC).			
1.4	Draft DCO Protective Provisions	Draft Development Consent Order [APP-025]	The protective provisions, as set out in Part 3 of Schedule 9 of the dDCO, that are relevant to CCC relate to its role as the Lead Local Flood Authority (LLFA). The protective provisions are appropriate for the protection of ordinary watercourses.	CCC, HDC and SCDC's position is set out at REP3-039.	The discussions on the protective provisions are ongoing.	
1.5	Draft DCO Associated consents / licenses / permits	Draft Development Consent Order [APP-025] Consents and Agreements Position	The Consents and Agreements Position Statement identifies the consents, licences or permits that National Highways will need to obtain outside of the dDCO in order to deliver the Scheme. This document contemplates the disapplication of specific legislation	CCC, HDC and SCDC are considering the terms of the draft DCO and the Consents and Agreements Position Statement with their legal advisors and therefore reserve their position.	The disapplication is subject to the consent of CCC as LLFA and those	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Statement [APP-029]	on the basis that those powers are contained within the dDCO. This approach is appropriate for the Scheme.		discussions are ongoing.	
1.6	Legal agreement with CCC – Detrunking and the design of local roads		<p>The legal agreement between CCC and National Highways provides a framework for the process of detrunking the existing A428 part of which will become a local road to be maintained by CCC.</p> <p>The legal agreement also provides a mechanism for handing over the local roads constructed as part of the Scheme that are to be maintained by CCC as local highway authority. The measures contained in this agreement are appropriate for the Scheme.</p> <p>The legal agreement provides sufficient control and protection to CCC as local highway authority and as such protective provisions for highway matters are not necessary to be included in the dDCO.</p>	<p>The legal agreement is currently under negotiation and CCC therefore reserves its position.</p> <p>This is not agreed.</p>	The discussions on the legal agreement are ongoing.	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
1.7	SOC Approach to updating the SOCG		Any further issues will be captured in a future iteration of this SoCG to be submitted at Deadline 6 and final SOCG to be submitted at Deadline 9.	It can be taken that any matters not specifically referred to in the Issues chapter of this SoCG are not of material interest or relevance to CCC, SCDC and HDC's representation on the basis of the information known to them at this time and therefore have not been considered in this document. It is recognised, however, that engagement between both parties will need to continue due to their joint vested interest in the area of the Scheme and that further issues may arise as more information is provided by National Highways. Any further issues will be captured in a future iteration of this SoCG.		

Table 3-2 – Compulsory Acquisition Matters

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
2.1	Compulsory Acquisition and Temporary Possession	Book of Reference [APP-032] Statement of Reasons [APP-030].	In order to deliver the Scheme, should the Development Consent Order be made, it would be necessary to temporarily possess and/or acquire land and/or rights owned by Cambridgeshire County Council (CCC) (as highways authority). Land Plots in which CCC has an interest, that would be subject to the compulsory acquisition (CA) of land and/or rights are identified in the Book of Reference [APP-032] and Schedule 2 of the Statement of Reasons (SoR) [APP-030]. The extent of the land take identified is required for the Scheme or is required to facilitate or is incidental to the Scheme. National Highways is happy to continue discussions to acquire the land and rights affected through negotiation, outside the CA process.	Cambridgeshire County Council (as highways authority) have a number of land plots identified in the Book of Reference [APP-032] and Statement of Reasons [APP-030] (Annex 2), that would be subject to compulsory possession and/or temporary possession, should the Secretary of State make the Order and grant National Highways the powers of compulsory acquisition and temporary possession that are being sought. Huntingdonshire District Council and South Cambridgeshire District Council do not own any land or rights, identified in the Book of Reference or Annex 2 of the Statement of Reasons, that would be subject to compulsory acquisition, or temporary possession.	Under discussion	

Table 3-3 – Transport Matters

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
3.1	Base Year Strategic Traffic Model - Data	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	<p>The Base Year model is underpinned by good quality data that provides a sound basis for model calibration and validation.</p> <p>National Highways has provided a response at Deadline 3 and supporting information that address the detailed issues raised by CCC and considers that this should enable CCC to fully agree the strategic model.</p> <p>National Highways requests that matters agreed and outstanding concerns are stated within the next revision of this document.</p>	CCC is broadly satisfied with the strategic modelling.	Agreed	<p>Meeting with CCC on 11/08/2020</p> <p>Meeting with CCC 19/10/21</p>
3.2	Base Year Strategic Traffic Model – Fit for Purpose	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	The Base Year has been developed in accordance with Department for Transport (DfT) TAG procedures and meets the required TAG standards for validation. It gives a reliable representation of base year conditions within the study area. It therefore provides a sound foundation for the	CCC is broadly satisfied with the strategic modelling.	Agreed	<p>Meeting with CCC on 11/08/2020</p> <p>Meeting with</p>

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<p>development of future traffic flows for assessment of the Scheme.</p> <p>National Highways has provided a response at Deadline 3 and supporting information that address the detailed issues raised by CCC and considers that this should enable CCC to fully agree the strategic model.</p> <p>National Highways requests that matters agreed and outstanding concerns are stated within the next revision of this document.</p>			CCC 19/10/21
3.3	Future Year Strategic Traffic Models – Fit for purpose	<p>Transport Assessment Report – Part 1 [APP-241]</p> <p>Transport Assessment – Part 2 [APP-242]</p>	<p>The future year models fully comply with DfT TAG methods. They provide a reliable forecast of future traffic flows and the impact of the Scheme as reported in the Transport Assessment and Transport Assessment Annex.</p> <p>National Highways has provided a response at Deadline 3 and supporting information that address the detailed issues raised by CCC and considers that this should enable CCC to fully agree the strategic model.</p>	CCC is broadly satisfied with the overall approach to strategic modelling. CCC is happy for the future year model to be used in the assessment of the strategic impact of the scheme.	Agreed	<p>Meeting with CCC on 11/08/2020</p> <p>Meeting with CCC 19/10/21</p>

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			National Highways requests that matters agreed and outstanding concerns are stated within the next revision of this document.			
3.4	Routing through Coton in the Strategic Model	REP1-048 para 2.3.1	<p>National Highways has provided a response to Rep1-048c at Deadline 3. A full explanation and supporting analysis was provided in 'Traffic Routeing Impacts at Coton' (REP1-028).</p> <p>National Highways notes that the A428 strategic traffic model was developed to assess the strategic impacts of the A428 Scheme. As such, it would be unreasonable to expect the model to be able to capture all local routeing details particularly where route choice is finely balanced.</p> <p>National Highways considers that the information provided should enable this issue to be closed out.</p>	<p>The model forecasts no vehicles travelling eastbound between the A428 and M11 southbound is using M11 junction 13 in the morning peak.</p> <p>CCC welcome and acknowledge the technical note and will require monitoring of Coton to ensure that vehicle movements predicted by the model are not happening</p>	Under discussion	Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
3.5	Impact of the scheme on Dry Drayton in the Strategic Model	REP1-048 para 2.4.6	National Highways has provided a response to Rep1-048k at Deadline 3. National Highways does not propose to implement mitigation measures at Dry Drayton given the relatively modest increase forecast as a result of the Scheme.	Dry Drayton – the scheme is forecast to increase traffic by 70 vehicles through Dry Drayton during both morning and evening peak hours. Given the modelling uncertainties, CCC will require monitoring to assess the impact of the scheme on Dry Drayton.	Under discussion	Meeting with CCC 19/10/21
3.6	Impact of the Scheme on Madingley in the Strategic Model	REP1-048 para 2.4.7	National Highways has provided a response to Rep1-048l at Deadline 3. National Highways does not propose to implement mitigation measures at Madingley given the relatively modest increase forecast as a result of the Scheme.	Madingley – the scheme increases traffic travelling through Madingley during the morning and evening peak hours by 170 vehicles/hour. Given the modelling uncertainties, CCC requires monitoring to assess the impact of the scheme through Madingley.	Under discussion	Meeting with CCC 19/10/21
3.7	Routing along B1040 in the Strategic Model	REP1-048 para 2.3.2	National Highways has provided a response to Rep1-048d at Deadline 3. A select link analysis for the B1040 in the northbound direction at Eltisley using the full model for the 2040 AM	In the model, vehicles are using the B1040 throughout the full extent of the cordoned model and impacting on Eltisley.	Under discussion	Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<p>(Without Scheme) scenario was undertaken to identify the origins and destinations of traffic using this road.</p> <p>This analysis showed a high proportion of trips originating within the vicinity of Biggleswade and extending south along the A1 to Baldock and beyond. This is a realistic route for traffic, given the levels of congestion predicted at the Black Cat junction and on the existing A428 without the Scheme.</p> <p>National Highways considers that the information provided should enable this issue to be closed out.</p>	<p>CCC welcome and acknowledge the technical note submitted at Deadline 3.</p> <p>CCC require monitoring of traffic through Eltisley to ensure that the benefits of the scheme are realised.</p>		
3.8	Turning movements at Caxton Gibbet in the Strategic Model	REP1-048 para 2.3.3	<p>National Highways has provided a response to Rep1-048e at Deadline 3.</p> <p>At the Caxton Gibbet junction, traffic turning from the A1198 northern arm to the A428 western arm would be expected to be relatively low, unless it is using the petrol station and café just</p>	<p>In the model there are no vehicles forecast to turn right at the Caxton Gibbet roundabout from the A1198 northern arm to the A428 western arm.</p> <p>CCC requires further evidence to understand where this traffic is travelling and the impacts that</p>	Under discussion	Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<p>west of Caxton Gibbet or it is local traffic. The B1040 from the junction of the B1040 and A1198 at Papworth to the junction of the B1040 and A428 at Eltisley provides an attractive route notwithstanding the right turn at Eltisley. In the reverse direction, the B1040 provides an even more attractive route for traffic from the A428 heading towards the A1198 for Papworth and destinations further north making a left turn at Eltisley from the A428.</p> <p>National Highways considers that the information provided should enable this issue to be closed out.</p>	<p>would occur at this location and elsewhere once corrected and any mitigation (if required) to be identified.</p> <p>CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.</p>		
3.9	Impact of the Scheme on Great North Road, St Neots in the Strategic Model	REP1-048 para 2.4.1	<p>National Highways has provided a response to Rep1-048f at Deadline 3.</p> <p>National Highways acknowledges that the strategic model predicts an increase in flows along Great North Road north of the Wyboston junction. This is an effect of traffic re-routing within St Neots to access the wider</p>	<p>The scheme is forecast to add approximately 24% to AADT traffic volumes and approximately 200 PCU/hour in the peak periods along the Great North Road in St Neots in the southbound direction.</p> <p>CCC requires an assessment of the adjacent junctions on Great</p>	Under Discussion	Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<p>road network via the Wyboston junction and that it is linked with a predicted significant reduction in traffic using the B1428 Town Bridge and other roads in the town centre.</p> <p>National Highways is not intending to carry out further modelling on a number of individual junctions within the urban road network of a town, where the overall impact of the Scheme on the town is beneficial.</p>	North Road up to and including the junction with Nelson Road and any mitigation (if required) to be identified.		
3.10	Future Year Strategic Traffic Model – Uncertainty Log Sensitivity Test	<p>Transport Assessment Report – Part 1 [APP-241]</p> <p>Transport Assessment – Part 2 [APP-242]</p>	The sensitivity test carried out using the updated 2020 Uncertainty Log does not result in any significant differences in forecast flows when compared to the results using the 2018 Uncertainty Log data. This demonstrates that the assessments for the Scheme using the 2018 Uncertainty Log data as submitted are robust and it is appropriate for the Scheme to continue to rely on the 2018 Uncertainty Log Data forecasts.	CCC, HDC and SCDC are content that it is appropriate for the Scheme to continue to rely on the 2018 Uncertainty Log Data forecasts.	Agreed	<p>Presentation meeting held on 5 February 2021</p>

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
3.11	Transport Assessment Data collection methods	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	Sufficient data has been collected in order to inform the Transport Assessment and the Transport Assessment Annex in relation to the Scheme. Detailed responses have been provided to address these issues in National Highways' Deadline 3 submission. This issue is covered in the proposed sensitivity tests scoping note (9.44 Scope of Junction Model Sensitivity Test).	CCC is satisfied with the data collected given the constraints (i.e. A14 construction and Covid-19).	Agreed	Meeting with CCC on 11/08/2020 Meeting with CCC 19/10/21
3.12	Transport Assessment Methodology	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	The Transport Assessment scope adopted follows best practice. Detailed responses have been provided to address these issues in National Highways' Deadline 3 submission.	The junction models reported in the TA were undertaken using a variety of software packages which are agreed as being appropriate for the assessment of the junctions tested. CCC has concerns about the use of traffic flows directly from the strategic model in the individual	Under discussion National Highways	Meeting with CCC on 11/08/2020 Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<p>Following ISH2, a Joint Position Statement between National Highways and the LHA's has been submitted to PINS. A scoping note for further sensitivity tests to allay the local highway authority's concerns has also been submitted at Deadline 3. It is expected that undertaking the sensitivity tests will satisfy the concerns of the local highway authority.</p>	<p>junction models due to the fact that the strategic model is validated to link flows not Turning Movements in line with TAG. There are a number of specific points on the modelling of individual junctions which are set out below</p> <p>CCC requires that either National Highways' position is modified or CCC's requirements outlined in the rows below are addressed before the current position is agreed.</p> <p>CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.</p>		
3.13	<p>Transport Assessment Baseline Data – Junctions</p>	<p>Transport Assessment Report – Part 1 [APP-241]</p>	<p>The Base Year junction models are underpinned by good quality data that provides a sound basis for model calibration and validation.</p>	<p>It is CCC's opinion that there has been limited use of observed data to develop the Base or future year junction models. Instead, flows have been taken directly from the strategic model and have not been</p>	<p>Under discussion National Highways</p>	<p>Meeting with CCC on 11/08/2020</p>

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Transport Assessment – Part 2 [APP-242]	<p>(Where baseline data is not utilised the assessment is based on outputs from the strategic model)</p> <p>Detailed responses have been provided to address these issues in National Highways' Deadline 3 submission.</p> <p>This issue is covered in the proposed sensitivity tests scoping as mentioned above in point 3.6.</p> <p>This issue requires review following sensitivity tests scoping as mentioned above in point 3.6.</p>	<p>validated at a turning movement level.</p> <p>CCC have made National Highways aware of additional observed data that could be used to help validate the base year junction models.</p> <p>CCC requires that either National Highways' position is modified or CCC's requirements outlined in the rows below are addressed before the current position is agreed.</p> <p>CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.</p>		Meeting with CCC 19/10/21
3.14	Transport Assessment Approach to modelling	Transport Assessment Report – Part 1 [APP-241]	The Transport Assessment approach to modelling follows an acceptable methodology and provides a reliable	CCC has concerns about the use of traffic flows directly from the strategic model in the individual junction models due to the fact that the strategic model is validated to	Under discussion (subject to agreement)	Meeting with CCC on

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Transport Assessment – Part 2 [APP-242]	indication of the outcomes arising from the Scheme.	link flows not Turning Movements in line with TAG. CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.	t on the scoping note submitted by National Highways as part of D3 deliverable)	11/08/2020 Meeting with CCC 19/10/21
3.15	Transport Assessment Assumptions	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	The assumptions adopted within the Transport Assessment follows an acceptable methodology and provides a reliable indication of the impacts arising from the Scheme. Detailed response provided in Deadline 3 submission. This issue is covered in the proposed sensitivity tests scoping as mentioned above in point 3.6. This issue requires review following sensitivity tests scoping as mentioned above in point 3.6.	CCC have concerns over a number of assumptions that have been applied to the model as outlined below. CCC requires that either National Highways' position is modified or CCC's requirements outlined in the rows below are addressed before the current position is agreed. CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will	Under discussion National Highways	Meeting with CCC on 11/08/2020 Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				review the outputs of the sensitivity testing once available.		
3.16	Transport Assessment Presentation of results	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	The Transport Assessment reflects the results obtained from the modelling undertaken.	The focus of the assessment in the TA is the Journey time and there is a lack of queue lengths and turning movements reported in the Transport Assessment. CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.	Under discussion	Meeting with CCC on 11/08/2020 Meeting with CCC 19/10/21
3.17	Transport Assessment Operational Junction Modeling: Wyboston Junction	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	Detailed response provided in Deadline 3 submission. This issue is covered in the proposed sensitivity tests scoping note as mentioned above in point 3.6.	This junction was modelled in ARCADY which is agreed as the appropriate software to test this junction. CCC have the following concerns at the Wyboston junction model that would result in under-reporting of impacts that may require mitigation:	Under discussion National Highways	Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<ul style="list-style-type: none"> • Some observed u-turning traffic has been removed from the model. • The morning peak hour model has been built for the hour 07:00-08:00 but examination of the count suggests the busiest hour is 08:00-09:00. • Some of the geometric measurements used in building the model are over-estimated, for example approach road widths, while some flare lengths have been underestimated • The flows used in the base and future year models are taken directly from the strategic transport model rather than being informed by observed traffic data. <p>CCC require that these issues are addressed, and should mitigation be required to reduce the impact of the scheme at this location, the</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>mitigation should be agreed with CCC.</p> <p>CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.</p>		
3.18	<p>Transport Assessment Operational Junction Modeling: Barford Road Junction</p>	<p>Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]</p>		<p>This junction was modelled in ARCADY which is agreed as the appropriate software to test this junction.</p> <p>CCC have the following concerns at the Wyboston junction model that would result in under-reporting of impacts that may require mitigation:</p> <ul style="list-style-type: none"> • This junction does not have a validated base model • Some of the geometric measurements used in building the model are over-estimated, for example approach road 		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>widths, while some flare lengths have been underestimated.</p> <ul style="list-style-type: none"> The flows used in the base and future year models are taken directly from the strategic transport model rather than being informed by observed traffic data. <p>CCC require that these issues are addressed, and should mitigation be required to reduce the impact of the scheme at this location, the mitigation should be agreed with CCC and the Parish Council.</p> <p>CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
3.19	Transport Assessment Operational Junction Modeling: Cambourne Junction		Detailed response provided in Deadline 3 submission. This issue is covered in the proposed sensitivity tests scoping note as mentioned above in point 3.6.	<p>This model was assessed using LinSig which is agreed as the appropriate software,</p> <p>CCC have concerns with some of the geometric assumptions used in the Cambourne junction model that would result in an over-reporting of capacity at the junctions and thus under-reporting of concerns that may require mitigation.</p> <p>CCC require that these assumptions are reviewed and should mitigation be required to reduce the impact of the scheme at this location, the mitigation should be agreed with CCC.</p> <p>CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.</p>	Under discussion National Highways	Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
3.20	Transport Assessment Operational Junction Modeling: Madingley Mulch Junction		Detailed response provided in Deadline 3 submission. This issue is covered in the proposed sensitivity tests scoping note [REP3-029]..	<p>This junction was modelled using Arcady which given the issues with exit blocking due to downstream congestion is not agreed.</p> <p>CCC have concerns that the Madingley Mulch junction model does not accurately represent local observations (pre-Covid) of exit arm capacity restraint on A1303 Madingley Road towards Cambridge during AM peak due to signals at M11 junction 13 and queuing traffic beyond the junction into Cambridge city centre. As such, the true impact of the scheme at this location cannot be identified and possible mitigation may be required. CCC require that the base year model is validated using observed data and that the forecast flows are obtain using best practice. Should mitigation be required to reduce the impact of the scheme at this location, the</p>	Under discussion National Highways	Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>mitigation should be agreed with CCC.</p> <p>National Highways has confirmed that this junction has been included in the M11 J13 VISSIM model and the results of the junction assessment will be taken from the VISSIM Model.</p> <p>CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.</p>		
3.21	<p>Transport Assessment Junction Operational Assessments at: Black Cat</p>	<p>Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]</p>	<p>The operational assessment modelling presented within Transport Assessment with regard to new or modified junctions highlights the predicted operation of individual junctions with the Scheme.</p> <p>This issue is covered in the proposed sensitivity tests scoping note [REP3-029].</p>	<p>The modelling of the local roads and junctions to be adopted by the County Council has used a non-standard method and remains not agreed at this point. As a consequence, the local road design cannot be approved as the Council hasn't been able to agree the relevant traffic flows, and therefore confirm whether the local</p>	Under discussion	<p>Meeting with CCC on 11/08/2020 Meeting with CCC 19/10/21</p>

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>roads have been designed with the right size and capacity.</p> <p>CCC have the following specific concerns with the modelling of this junction:</p> <ul style="list-style-type: none"> • There is no base year modelling to demonstrate how the junction currently operates and to calibrate the junction to observed base year demand • Headway standstill distance of 1.2m used in all VISSIM models. This is consistent with TfL's Traffic Modelling guidelines in a congested urban environment. Previously published HE guidance on use of micro-simulation models on the HE road network recommended standstill headway distances of between 1.5 and 2.0m which is more appropriate for highspeed roads. 		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<ul style="list-style-type: none"> • Model results reported based on 5 random seeds. Justification required or additional runs required. • HGV vehicle class has not been split into OGV1 (rigid) and OGV2 (articulated) vehicles. All HGVs are modelled as 10.2m rigid goods vehicles with no longer (16.5m) articulated vehicles modelled. This is of concern because articulated vehicles occupy more road space (increasing queue lengths) and have different acceleration/deceleration characteristics resulting in different junction capacity. • The same gap times are used in VISSIM models for light and heavy vehicles, thereby under-estimating heavy vehicle gap times. 		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<ul style="list-style-type: none"> "All vehicle" and "Heavy" vehicle priority rules are applied in VISSIM models, thereby penalising heavy vehicles as they have to adhere to two sets of headway/gap time conditions. <p>CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.</p>		
3.22	Transport Assessment Junction Operational Assessments at: Cambridge Road /A428 junction	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	The operational assessment modelling presented within Transport Assessment with regard to new or modified junctions highlights the predicted operation of individual junctions with the Scheme. This issue is covered in the proposed sensitivity tests scoping note [REP3-029].	The modelling of the local roads and junctions to be adopted by the County Council has used a non-standard method and remains not agreed at this point. As a consequence, the local road design cannot be approved as the Council hasn't been able to agree the relevant traffic flows, and therefore confirm whether the local	Under discussion	Meeting with CCC on 11/08/2020 Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>roads have been designed with the right size and capacity.</p> <p>CCC have the following specific concerns with the modelling of this junction:</p> <ul style="list-style-type: none"> (i) There is no base year modelling to demonstrate how the junction currently operates and to calibrate the junction to observed base year demand (ii) Headway standstill distance of 1.2m used in all VISSIM models. This is consistent with TfL's Traffic Modelling guidelines in a congested urban environment. Previously published HE guidance on use of micro-simulation models on the HE road network recommended standstill headway distances of between 1.5 and 2.0m which is more appropriate for highspeed roads. 		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>(iii) Model results reported based on 5 random seeds. Justification required or additional runs required.</p> <p>(iv) HGV vehicle class has not been split into OGV1 (rigid) and OGV2 (articulated) vehicles. All HGVs are modelled as 10.2m rigid goods vehicles with no longer (16.5m) articulated vehicles modelled. This is of concern because articulated vehicles occupy more road space (increasing queue lengths) and have different acceleration/deceleration characteristics resulting in different junction capacity.</p> <p>(v) The same gap times are used in VISSIM models for light and heavy vehicles, thereby under-estimating heavy vehicle gap times.</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>(vi) "All vehicle" and "Heavy" vehicle priority rules are applied in VISSIM models, thereby penalising heavy vehicles as they have to adhere to two sets of headway/gap time conditions.</p> <p>CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.</p>		
3.23	<p>Transport Assessment Junction Operational Assessments at: A428/ Toseland Road/</p>	<p>Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]</p>	<p>The operational assessment modeling presented within the Transport Assessment with regard to new or modified junctions highlights the predicted operation of individual junctions with the Scheme.</p>	<p>The modelling of the local roads and junctions to be adopted by the County Council has used a non-standard method and remains not agreed at this point. As a consequence, the local road design cannot be approved as the Council hasn't been able to agree the relevant traffic flows, and therefore confirm whether the local</p>	<p>Under discussion</p>	<p>Meeting with CCC on 11/08/2020 Meeting with CCC 19/10/21</p>

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
	Abbotsley Road			roads have been designed with the right size and capacity. CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.		
3.24	Transport Assessment Junction Operational Assessments at: Eltisley Link	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	The operational assessment modelling presented within Transport Assessment with regard to new or modified junctions highlights the predicted operation of individual junctions with the Scheme. This issue is covered in the proposed sensitivity tests scoping note [REP3-029].	The modelling of the local roads and junctions to be adopted by the County Council has used a non-standard method and remains not agreed at this point. As a consequence, the local road design cannot be approved as the Council hasn't been able to agree the relevant traffic flows, and therefore confirm whether the local roads have been designed with the right size and capacity. CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to	Under discussion	Meeting with CCC on 11/08/2020 Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.		
3.25	Transport Assessment Junction Operational Assessments at: Caxton Gibbet	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	The operational assessment modelling presented within the Transport Assessment with regard to new or modified junctions highlights the predicted operation of individual junctions with the Scheme. This issue is covered in the proposed sensitivity tests scoping note [REP3-029].	The modelling of the local roads and junctions to be adopted by the County Council has used a non-standard method and remains not agreed at this point. As a consequence, the local road design cannot be approved as the Council hasn't been able to agree the relevant traffic flows, and therefore confirm whether the local roads have been designed with the right size and capacity. CCC have the following specific concerns with the modelling of this junction: <ul style="list-style-type: none"> There is no base year modelling to demonstrate how the junction currently operates and to calibrate the junction to observed base year demand 	Under discussion	Meeting with CCC on 11/08/2020 Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<ul style="list-style-type: none"> • VISSIM model is not in correct geographical position in relation to background mapping • Headway standstill distance of 1.2m used in all VISSIM models. This is consistent with TfL's Traffic Modelling guidelines in a congested urban environment. Previously published HE guidance on use of micro-simulation models on the HE road network recommended standstill headway distances of between 1.5 and 2.0m which is more appropriate for high-speed roads. • Model results reported based on 5 random seeds. Justification required or additional runs required. • HGV vehicle class has not been split into OGV1 (rigid) and OGV2 (articulated) 		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>vehicles. All HGVs are modelled as 10.2m rigid goods vehicles with no longer (16.5m) articulated vehicles modelled. This is of concern because articulated vehicles occupy more road space (increasing queue lengths) and have different acceleration/deceleration characteristics resulting in different junction capacity.</p> <ul style="list-style-type: none"> • The same gap times are used in VISSIM models for light and heavy vehicles, thereby underestimating heavy vehicle gap times. • "All vehicle" and "Heavy" vehicle priority rules are applied in VISSIM models, thereby penalising heavy vehicles as they have to adhere to two sets of headway/gap time conditions. 		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.		
3.26	Transport Assessment Wider impacts Quantification of impacts: A1 Buckden	Transport Assessment Annex [APP-243]	The quantification of impacts presented within the Transport Assessment Annex highlights the predicted impacts arising from the Scheme.	<p>CCC is concerned that the junction modelling in the TA is based on traffic flows taken directly from the strategic model with no account taken of the observed turning movements at the junction.</p> <p>The junction modelling needs to be informed by Observed count data to ensure that the turn proportions are representative of the observed base year data.</p> <p>CCC have the following specific concerns with the modelling of this junction:</p> <p>(i) Headway standstill distance of 1.2m used in all VISSIM models. This is consistent with</p>	Under discussion	Meeting with CCC on 11/08/2020

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>TfL's Traffic Modelling guidelines in a congested urban environment. Previously published HE guidance on use of micro-simulation models on the HE road network recommended standstill headway distances of between 1.5 and 2.0m which is more appropriate for high-speed roads.</p> <p>(ii) HGV vehicle class has not been split into OGV1 (rigid) and OGV2 (articulated) vehicles. All HGVs are modelled as 10.2m rigid goods vehicles with no longer (16.5m) articulated vehicles modelled. This is of concern because articulated vehicles occupy more road space (increasing queue lengths) and have different acceleration/deceleration characteristics resulting in different junction capacity.</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				(iii) All cars are modelled as LGVs. (iv) "The same gap times are used in VISSIM models for light and heavy vehicles, thereby under-estimating heavy vehicle gap times. (v) "All vehicle" and "Heavy" vehicle priority rules are applied in VISSIM models, thereby penalising heavy vehicles as they have to adhere to two sets of headway/gap time conditions. CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.		
3.27	Transport Assessment	Transport Assessment Annex [APP-243]	The quantification of impacts presented within the Transport Assessment	Cambridgeshire County Council are concerned that the junction modelling in the TA is based on	Under discussion	Meeting with CCC on

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
	<p>Wider impacts</p> <p>Quantification of impacts:</p> <p>M11 J13</p>		<p>Annex highlights the predicted impacts arising from the Scheme.</p>	<p>traffic flows taken directly from the strategic model with no account taken of the observed turning movements at the junction.</p> <p>The junction modelling needs to be informed by Observed count data to ensure that the turn proportions are representative of the observed base year data.</p> <p>CCC have the following specific concerns with the modelling of this junction:</p> <ul style="list-style-type: none"> • Headway standstill distance of 1.2m used in all VISSIM models. This is consistent with TfL's Traffic Modelling guidelines in a congested urban environment. Previously published HE guidance on use of micro-simulation models on the HE road network recommended standstill headway distances of between 1.5 and 2.0m which is more 		<p>11/08/2020</p>

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>appropriate for high speed roads.</p> <ul style="list-style-type: none"> • HGV vehicle class has not been split into OGV1 (rigid) and OGV2 (articulated) vehicles. All HGVs are modelled as 10.2m rigid goods vehicles with no longer (16.5m) articulated vehicles modelled. This is of concern because articulated vehicles occupy more road space (increasing queue lengths) and have different acceleration/deceleration characteristics resulting in different junction capacity. • A428/A1303 junction. Vehicles approaching from Church Ln are permitted to use both lanes for all movements. This is incorrect. • The same gap times are used in VISSIM models for light and heavy vehicles, thereby under- 		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>estimating heavy vehicle gap times.</p> <ul style="list-style-type: none"> • "All vehicle" and "Heavy" vehicle priority rules are applied in VISSIM models, thereby penalising heavy vehicles as they have to adhere to two sets of headway/gap time conditions. • Vehicles overlapping at the A1303/Cambridge Rd junction, overstating junction capacity, particularly for traffic exiting Cambridge Rd in the AM peak. • NW Cambridge development traffic has been assigned to zone 13 which represents a construction traffic access. This road will not be used once the site is operational. • A coding anomaly has created unrealistic driving behaviour which influences the traffic throughput under a free flowing conditions. This is due to link 		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>10037 having emergency braking distance set to 5m and lane change position set to 150m.</p> <ul style="list-style-type: none"> There is a lack of priority markers at key locations where the junction exit blocking is predicted to occur in the future year scenarios, which creates an unrealistic network blockage situation and provides unreliable journey time results. Affected junctions are A1303 Eb approach to M11 Jn 13, A1303/M11 Jn 13, A1303/Eddington Ave. <p>CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
3.28	Transport Assessment Wider impacts Quantification of impacts: M11 J14 Girton	Transport Assessment Annex [APP-243]	The quantification of impacts presented within the Transport Assessment Annex highlights the predicted impacts arising from the Scheme.	Cambridgeshire County Council are concerned that the junction modelling in the TA is based on traffic flows taken directly from the strategic model with no account taken of the observed turning movements at the junction. The junction modelling needs to be informed by Observed count data to ensure that the turn proportions are representative of the observed base year data. CCC expect this to be considered further by the junction model sensitivity testing proposed by National Highways in response to ISH2 [REP3-029] and CCC will review the outputs of the sensitivity testing once available.	Under discussion	Meeting with CCC on 11/08/2020
3.29	Transport Assessment Quantification of impacts on Great	Transport Assessment Report – Part 1 [APP-241]	The quantification of impacts presented within the Transport Assessment is a reliable indication of the impacts arising from the Scheme.	CCC is concerned that the analysis undertaken to date does not cover all junctions that the scheme may have an impact upon.	Not agreed.	Meeting with CCC on 11/08/2020

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
	North Road St Neots	Transport Assessment – Part 2 [APP-242]	<p>National Highways has provided a response to Rep1-048f at Deadline 3.</p> <p>National Highways acknowledges that the strategic model predicts an increase in flows along Great North Road north arm of the Wyboston junction. This is an effect of traffic re-routing within St Neots to access the wider road network via the Wyboston junction and that it is linked with a predicted significant reduction in traffic using the B1428 Town Bridge and other roads in the town centre.</p> <p>The Scheme would remove through traffic from St. Neots thereby providing net relief to local traffic. Local traffic would re-route and benefit through a net reduction of traffic within the town centre.</p> <p>National Highways considers that it would not be reasonable or proportionate to carry out further modelling to assess a potential deterioration in traffic conditions on selective approach arms of a number of</p>	<p>The Strategic modelling indicated significant increases in traffic using Great North Road St Neots to access the detrunked A428 via the Wyboston Junction.</p> <p>CCC require modelling and analysis of the impacts of the scheme at the following junctions:</p> <ul style="list-style-type: none"> Great North Road/Alpha Drive/Marlborough Road Great North Road/Howard Road Great North Road/Little End Road Great North Road/Nelson Road <p>The assessment of these additional junction is needed to ensure that the local road network can accommodate the additional level of traffic suggested by the strategic on Great North Road St Neots as traffic reroutes to access the revised SRN network.</p>		Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			specific individual junctions within the urban road network of a town, where the overall impact of the Scheme on the town is beneficial, and where the increase in traffic flows concerned is acknowledged to be the effect of local reassignment of traffic away from less suitable routes within the town centre.			
3.30	Transport Assessment Quantification of impacts on Cambridge Road St Neots	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	The quantification of impacts presented within the Transport Assessment is a reliable indication of the impacts arising from the Scheme. National Highways has provided a response to Rep1-048f at Deadline 3. National Highways acknowledges that the strategic model predicts an increase in flows along Cambridge Road arm of the Cambridge Road junction. This is an effect of traffic re-routing within St Neots to access the wider road network via the Cambridge Road junction and that it is linked with a predicted significant reduction in traffic	CCC is concerned that the analysis undertaken to date does not cover all junctions that the scheme may have an impact upon. The Strategic modelling indicated significant increases in traffic using Cambridge Road St Neots to access both the detrunked A428 and the new road via the new Cambridge Road Junction. CCC require modelling and analysis of the impacts of the scheme at the following junctions:	Not agreed.	Meeting with CCC on 11/08/2020 Meeting with CCC 19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<p>using the B1428 Town Bridge and other roads in the town centre.</p> <p>The Scheme would remove through traffic from St. Neots thereby providing net relief to local traffic. Local traffic would re-route and benefit through a net reduction of traffic within the town centre.</p> <p>National Highways considers that it would not be reasonable or proportionate to carry out further modelling to assess a potential deterioration in traffic conditions on selective approach arms of a number of specific individual junctions within the urban road network of a town, where the overall impact of the Scheme on the town is beneficial, and where the increase in traffic flows concerned is acknowledged to be the effect of local reassignment of traffic away from less suitable routes within the town centre.</p>	<p>Cambridge Road/Stone Hill/Wintringham park access</p> <p>Cambridge Street/Cromwell Road/Station Road/Cambridge Road</p> <p>Cambridge Road/Dramsell Rise</p> <p>Cambridge Road/Stone Hill/Wintringham Park access.</p> <p>The assessment of these additional junctions is needed to ensure that the local road network can accommodate the additional level of traffic suggested by the strategic model on Cambridge Road St Neots as traffic reroutes to access the revised SRN network.</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
3.31	Transport Assessment Construction impacts general	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	<p>The Transport Assessment methodology adopted with regard to impacts predicted to arise during the construction phases highlights the potential impacts arising from the construction of the Scheme.</p> <p>National Highways has provided a detailed response to this issue in the submission at Deadline 3.</p> <p>The modelling carried out to assess the impacts during the construction phase took account of the restrictions that would be imposed upon construction traffic. However, diversionary traffic routes for non construction traffic were not subject to any coding adjustments within the SATURN traffic model.</p> <p>This is a perfectly valid approach due to the difficulty in influencing general traffic to use the designated diversion routes.</p> <p>Furthermore, the modelling was carried out in order to identify locations that</p>	<p>CCC has some concerns regarding the assessment of impacts arising during the construction phase.</p> <p>CCC understands that no limits or restrictions have been introduced to the model to restrict rerouting traffic during construction of the scheme and as a result traffic is allowed to use any route available in the model. This means that the impact is both widespread and diluted throughout the model. As a result, the model suggest that there will be significant increases in traffic on unsuitable routes, such as the road through Yelling and Toseland.</p> <p>CCC would not wish to see increased traffic flows through Yelling and Toseland due to the nature of the road and require HE to provide control measures/mitigation.</p> <p>CCC also require further revised modelling with restrictions in place</p>	Under discussion.	<p>Meeting with CCC on 11/08/2020</p> <p>Meeting with CCC 19/10/21</p>

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			could be expected to experience increases in traffic flows as a result of temporary measures.	in Yelling and Toseland to determine the impact of more controlled routing on its network. Further mitigation during construction may be required.		
3.32	Transport Assessment Construction impacts approach to modelling	Transport Assessment Report – Part 1 [APP-241] Transport Assessment – Part 2 [APP-242]	<p>The modelling presented in the Transport Assessment with regard to impacts during the construction phases highlights the potential impacts predicted to arise from the construction of the Scheme.</p> <p>National Highways has provided a detailed response to this issue in the submission at Deadline 3.</p> <p>The modelling carried out to assess the impacts during the construction phase took account of the restrictions that would be imposed upon construction traffic. However, diversionary traffic routes for non construction traffic were not subject to any coding adjustments within the SATURN traffic model.</p>	CCC would like a commitment that the design of the construction phases will be done in such a way that the volume of traffic that would be expected to use the A428 is accommodated rather than allowing traffic free rein on the routes to be used for the duration of the scheme construction (September 2021 to May 2025).	Under discussion	<p>Meeting with CCC on 11/08/2020</p> <p>Meeting with CCC 19/10/21</p>

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<p>This is a perfectly valid approach due to the difficulty in influencing general traffic to use the designated diversion routes.</p> <p>Furthermore, the modelling was carried out in order to identify locations that could be expected to experience increases in traffic flows as a result of temporary measures.</p>			
3.33	<p>Outline Construction Traffic Management Plan</p> <p>Construction traffic in St Neots</p>	<p>Outline Construction Traffic Management Plan [TR010044/APP/7.4]</p>		<p>Drawing no HE551495 Rev P02, Sheet 1</p> <p>The HGV construction traffic restriction on the Barford Road route is welcomed given the proximity to the Ernulf academy. [TR010044/EXAM/9.32, Appendix A, 1.1.7] [REP3-019]</p> <p>The Councils seek an explanation from National Highways as to why there is a need for HGV traffic to use Cromwell Road and Cambridge Road in St Neots, given National Highways' compound is at Wintringham Park and there is a</p>		

A428 Black Cat to Caxton Gibbet improvements
 Draft Statement of Common Ground with Cambridgeshire County Council,
 South Cambridgeshire District Council and Huntingdonshire District Council

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				construction access on the A428 / Cambridge Road roundabout.		

Table 3-4 – Environment Matters

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
4.1	General Description of the Scheme	Chapter 2, The Scheme [APP-071]	<p>An Environmental Impact Assessment (EIA) has been undertaken to identify the likely significant effects of the Scheme on the environment.</p> <p>The central and eastern part of the Scheme is located within CCC. A description of the Scheme and its location are reported in Chapter 2, The Scheme [APP-071].</p> <p>This is considered an appropriate description of the Scheme.</p>	CCC, HDC and SCDC are content that the Scheme is adequately described in the ES.	Agreed	Sept 2021
4.2	General National legislation and policy	<p>Chapter 5, Air quality [APP-074]</p> <p>Chapter 6, Cultural heritage [APP-075]</p> <p>Chapter 7, Landscape and visual effects [APP-076]</p>	<p>National Highways considers that the ES has identified and appropriately considered all applicable legislation and national policy pertaining to the following assessments undertaken as part of the EIA of the Scheme:</p> <ul style="list-style-type: none"> • Air quality. • Cultural heritage. 	Under discussion	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Chapter 8, Biodiversity [APP-077] Chapter 9, Geology and soils [APP-078] Chapter 10, Material assets and waste [APP-079] Chapter 11, Noise and vibration [APP-080] Chapter 12, Population and human health [APP-081] Chapter 13, Road drainage and the water environment [APP-082]	<ul style="list-style-type: none"> • Landscape and visual effects. • Biodiversity. • Geology and soils. • Material assets and waste. • Noise and vibration. • Population and human health. • Road drainage and the water environment. • Climate. • Assessment of cumulative effects. 			

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Chapter 14, Climate [APP-083] Chapter 15, Assessment of cumulative effects [APP-084]				
4.3	Local policy	Applicant Response to Examining Authority First Round of Written Questions [REP1-022] Applicant Response to Written Representations - [REP3-008] Update to Archaeological Mitigation Strategy - [REP3-010]	An assessment of GHG emissions from the Scheme in the context of the 6 th carbon budget has been undertaken and is presented in [REP1-022] - Applicant's Response to Examining Authority First Round of Written Questions, question 1.4.1.1d. Refer to National Highways' response to Written Representation REP1-048az in relation to Policy LP 16 of Huntingdonshire's Local Plan to 2036 presented in [REP3-008]. The Archaeological Mitigation Strategy has been updated by National Highways to include the Archaeological Brief presented in [REP3-010].	There are still a number of areas where CCC, HDC and SCDC are not content with the approach taken in the ES, and include (but not limited to): <ul style="list-style-type: none"> Consideration of the Sixth Carbon Budget. The Committee on Climate Change published their recommendations for the Sixth Carbon Budget on the 9 December 2020 but it did not form part of the significance testing for the climate change section of the ES. As the sixth carbon budget is now enshrined in law, and the Scheme will be in operation during the period covered by that budget, the impacts of the Scheme do need to be considered against it. 	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Applicant's comments on Local Impact Reports - [REP3-009]	Refer to National Highways' response to REP2-003am presented in [REP3-009] – Applicant's comments on Local Impact Reports, in relation to the CPICC recommendation.	<ul style="list-style-type: none"> • Policy LP 16 of Huntingdonshire's Local Plan to 2036 sets out the expected approach for new development in the District in relation to Sustainable Travel. It is considered that there are a number of instances within Huntingdonshire where the proposed development may not meet policy LP16. Whilst it is acknowledged the policy is geared towards planned development it does state 'all new development' and therefore is pertinent in assessing the A428 development proposal. • We advise that the archaeological approach should be adjusted in the Archaeological Mitigation Strategy to ensure compliance with that proposed in the Joint Authorities' Archaeological Brief (JAAB). <p>The CPICC recommends a reduction in car miles driven by 15% to 2030 and call for "<i>alternatives to road investment to be prioritised for appraisal and investment – from active travel and</i></p>		

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p><i>public transport options, to opportunities for light rail and bus rapid transit or options to enhance rail connections". This recommendation has been accepted by the Greater Cambridge and Peterborough Combined Authority</i></p>		
4.4	<p>General Study area definition and extents</p>	<p>Chapter 5, Air quality [APP-074] Chapter 6, Cultural heritage [APP-075] Chapter 7, Landscape and visual effects [APP-076] Chapter 8, Biodiversity [APP-077] Chapter 9, Geology and soils [APP-078]</p>	<p>The study areas adopted by National Highways within the following assessments are considered to reflect current best practice and standards:</p> <ul style="list-style-type: none"> • Air quality. • Cultural heritage. • Landscape and visual effects. • Biodiversity. • Geology and soils. • Material assets and waste. • Noise and vibration. • Population and human health. 	<p>CCC, HDC and SCDC are content that the geographical extents of the adopted study areas cover the area over which direct and indirect effects of the Scheme are likely to occur.</p>	Agreed	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Chapter 10, Material assets and waste [APP-079] Chapter 11, Noise and vibration [APP-080] Chapter 12, Population and human health [APP-081] Chapter 13, Road drainage and the water environment [APP-082] Chapter 14, Climate [APP-083] Chapter 15, Assessment of cumulative effects [APP-084]	<ul style="list-style-type: none"> • Road drainage and the water environment. • Climate. • Assessment of cumulative effects. <p>National Highways considers that the geographical extents of the adopted study areas are appropriate to identify the likely direct and indirect effects of the Scheme on sensitive features and receptors.</p>			

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
4.5	General Application of expert / professional judgements	Chapter 5, Air quality [APP-074] Chapter 6, Cultural heritage [APP-075] Chapter 7, Landscape and visual effects [APP-076] Chapter 8, Biodiversity [APP-077] Chapter 9, Geology and soils [APP-078] Chapter 10, Material assets and waste [APP-079] Chapter 11, Noise and vibration [APP-080]	<p>The identification of likely significant effects on sensitive features and receptors has been informed by professional judgement and the views of relevant technical specialists, where necessary.</p> <p>National Highways considers the application of professional judgement by its specialists within the following assessments to be appropriate and robust:</p> <ul style="list-style-type: none"> • Air quality. • Cultural heritage. • Landscape and visual effects. • Biodiversity. • Geology and soils. • Material assets and waste. • Noise and vibration. • Population and human health. 	<p>CCC, HDC and SCDC are content with how National Highways has applied professional judgement in the assessments of effects on sensitive features and receptors undertaken and reported.</p>	Agreed	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Chapter 12, Population and human health [APP-081] Chapter 13, Road drainage and the water environment [APP-082] Chapter 14, Climate [APP-083] Chapter 15, Assessment of cumulative effects [APP-084]	<ul style="list-style-type: none"> Road drainage and the water environment. Climate. Assessment of cumulative effects. 			
4.6	General Assessment assumptions and limitations	Chapter 5, Air quality [APP-074] Chapter 6, Cultural heritage [APP-075] Chapter 7, Landscape and	The following assessments record the assumptions applied and the approaches taken by National Highways to reduce any uncertainty resulting from any limitations encountered: <ul style="list-style-type: none"> Air quality. 	CCC, HDC and SCDC are relatively content that the assumptions recorded within these assessments are reasonable but are still awaiting discussions regarding a number of points.	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		visual effects [APP-076] Chapter 8, Biodiversity [APP-077] Chapter 9, Geology and soils [APP-078] Chapter 10, Material assets and waste [APP-079] Chapter 11, Noise and vibration [APP-080] Chapter 12, Population and human health [APP-081] Chapter 13, Road drainage and the water	<ul style="list-style-type: none"> • Cultural heritage. • Landscape and visual effects. • Biodiversity. • Geology and soils. • Material assets and waste. • Noise and vibration. • Population and human health. • Road drainage and the water environment. • Climate. • Assessment of cumulative effects. <p>National Highways considers the assumptions adopted in these assessments to be reasonable and appropriate.</p>			

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		environment [APP-082] Chapter 14, Climate [APP-083] Chapter 15, Assessment of cumulative effects [APP-084]				
4.7	General Worst-case scenario: limits of deviation	Works Plans [APP-009] [APP-010] Engineering Sections [APP-017 to APP-022] Chapter 5, Air quality [APP-074] Chapter 6, Cultural heritage [APP-075] Chapter 7, Landscape and	The following assessments have taken into account the lateral limits of deviation forming part of the Scheme design, as defined on the Works Plans [APP-009] [APP-010] , and the vertical limits of deviation defined on the Engineering Sections [APP-017 to APP 022] : <ul style="list-style-type: none"> • Air quality. • Cultural heritage. • Landscape and visual effects. • Biodiversity. • Geology and soils. 	CCC, HDC and SCDC are relatively content that these assessments have appropriately considered the worst-case scenario in relation to the potential for the Scheme design and/or its construction to deviate within the lateral and vertical extents defined on the Works Plans and Engineering Sections. However, CCC has concerns in relation to the wording of article 9 regarding the alignment of PROW in particular but also other highways shown on the Streets, Rights of Way and Access Plans [APP-013] .	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		visual effects [APP-076] Chapter 8, Biodiversity [APP-077] Chapter 9, Geology and soils [APP-078] Chapter 10, Material assets and waste [APP-079] Chapter 11, Noise and vibration [APP-080] Chapter 12, Population and human health [APP-081] Chapter 13, Road drainage and the water	<ul style="list-style-type: none"> • Material assets and waste. • Noise and vibration. • Population and human health. • Road drainage and the water environment. • Climate. • Assessment of cumulative effects. <p>National Highways considers that the maximum extents of possible deviation accounted for in these assessments represent the realistic worst-case assessment scenario.</p> <p>Refer to National Highways' response to Written Representation REP1-48aa presented in [REP3-008] in relation to Article 9.</p>	<p>CCC objects to article 9 as currently drafted.</p> <p>CCC notes that in document TR010044/EXAM/9.21 [REP3-008] at row REP1-048aa the Applicant proposes making changes to the wording of Article 9 of the dDCO to give the LHA a consultative role if the Limits of Deviation in the DCO are exceeded. National Highways also indicates it will amend the associated plans showing Limits of Deviation and make it clear that the Limit of Deviation will apply to PROW and NMU routes, and will consider the effect of making such changes on articles 14(7) and 18(2)(a). Furthermore National Highways commits to providing the LHA with as-built plans to assist with accurate statutory recording of new or diverted PROW.</p> <p>These are positive steps, however CCC has the following reservations and therefore at this time cannot agree on this matter.</p>		

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		environment [APP-082] Chapter 14, Climate [APP-083] Chapter 15, Assessment of cumulative effects [APP-084]		<p>(1) Broad Limits of Deviation may permit the construction of PROW in unsuitable locations that do not provide optimum connectivity for users. It is not appropriate therefore to apply a scheme-wide limit to PROW, and a more appropriate corridor should be provided for each individual PROW.</p> <p>(2)CCC cannot comment on the appropriateness of National Highways' proposal to provide as-built plans until it has reviewed the nature of what is to be shown on those plans. The statutory recording of PROW must meet certain criteria which would need to be displayed on such a plan.</p> <p>While it is positive that National Highways commits to consulting the LHA if new highways are to be constructed beyond the Limit of Deviation, the dDCO should also be amended so that the LHA's approval is required for highways to be constructed outside the limits of deviation, which it will adopt. CCC needs to have the</p>		

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				<p>ability to assess the impact of the location of the highways it will adopt.</p> <p>(3) Although National Highways indicates it is considering changes to articles 14(7) and 18(2)(a), CCC cannot agree to these changes until it has been able to review them after deadline 4.</p>		
4.8	General Presentation of results	Chapter 5, Air quality [APP-074] Chapter 6, Cultural heritage [APP-075] Chapter 7, Landscape and visual effects [APP-076] Chapter 8, Biodiversity [APP-077] Chapter 9, Geology and soils [APP-078]	<p>The following application documents present the approaches to, and outcomes of, assessments undertaken to identify the likely significant effects of the construction, operational and (where relevant) the maintenance phases of the Scheme:</p> <ul style="list-style-type: none"> • Air quality. • Cultural heritage. • Landscape and visual effects. • Biodiversity. • Geology and soils. • Material assets and waste. 	<p>CCC, HDC and SCDC are relatively content with the formats and styles adopted by National Highways in presenting the details of the assessments undertaken.</p>	Agreed	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Chapter 10, Material assets and waste [APP-079] Chapter 11, Noise and vibration [APP-080] Chapter 12, Population and human health [APP-081] Chapter 13, Road drainage and the water environment [APP-082] Chapter 14, Climate [APP-083] Chapter 15, Assessment of cumulative effects [APP-084]	<ul style="list-style-type: none"> • Noise and vibration. • Population and human health. • Road drainage and the water environment. • Climate. • Assessment of cumulative effects. <p>National Highways considers that the format and methods used to present the assessments undertaken are clear and unambiguous.</p>			

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
4.9	General Route / junction design selection	Chapter 2, The Scheme [APP-071] Chapter 3, Assessment of Alternatives [APP-072]	National Highways has undertaken thorough and comprehensive route studies, junction appraisals and optioneering studies during the design-development of the Scheme, in pursuit of establishing its preferred design solution, as described in Chapter 2 [APP-071] and Chapter 3 [APP-072]. In considering, evaluating and balancing constraints and opportunities, National Highways considers that the preliminary design of the new dual carriageway represents the optimum solution to meet the Scheme objectives.	National Highways CCC, HDC and SCDC are content that the studies and optioneering exercises undertaken by National Highways are appropriate from a design perspective. However, CCC, HDC and SCDC are not content that all of the appraisals have been undertaken properly and cannot conclude that the preliminary design (which includes the Scheme and its mitigation) represents the optimum solution until more information (particularly regarding traffic) is provided.	Under discussion	
4.10	General Approach to modelling	Chapter 5, Air quality [APP-074] Chapter 11, Noise and vibration [APP-080] Chapter 13, Road drainage and the water	Modelling of existing and future conditions and changes, and the effects and risks of the Scheme, has been undertaken as part of the Air quality, Noise and vibration and Road drainage and the water environment assessment.	CCC, HDC and SCDC wish to flag that if there are any alterations to the transport modelling then the air quality and noise assessments will also have to be remodelled. Furthermore, whilst CCC is broadly satisfied with the overall approach to strategic modelling there are some	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		environment [APP-082]	National Highways considers that the approaches to modelling are appropriate.	issues described above that the councils seek further clarification on, including confirmation of potential impacts and possible mitigation.		
4.11	Air Quality Data collection methods, baseline data and the identification and sensitivity of relevant features and receptors	Chapter 5, Air quality [APP-074]	The baseline conditions have been collated using desk-based and field-based techniques, and through consultation with stakeholders. National Highways considers the scope, coverage and timing of surveys undertaken to establish the baseline conditions and sensitive features and receptors are in line with best practice and appropriate to inform the assessment of direct and indirect effects reported in the Air quality assessment [APP-074].	HDC and SCDC are content that the scope and coverage of surveys undertaken to inform the assessment of air quality effects are sufficiently comprehensive.	Agreed	03.08 .2021
4.12	Air Quality Construction and operational effects	Chapter 5, Air quality [APP-074]	The assessment has concluded that no significant effects associated with air pollution would occur through construction activities or as a consequence of traffic movements (emissions) on the road network.	HDC and SCDC are content with the conclusions of the assessment and the significance of the reported effects, provided that there are no changes to the Transport Assessment.	Agreed	June 2021

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
4.13	Air Quality Embedded and essential mitigation	Chapter 2, The Scheme [APP-071] Chapter 5, Air quality [APP-074] Environmental Masterplan [APP-091] First Iteration EMP [APP-234] Schedule of mitigation [APP-235]	National Highways considers that: <ul style="list-style-type: none"> The embedded mitigation measures mentioned in Chapter 2, The Scheme [APP-071]; and The essential mitigation measures set out in the First Iteration EMP [APP-234] are appropriate to avoid, prevent, reduce, manage, control and (where necessary) monitor the adverse effects of the Scheme. Prior to the commencement of construction the local authorities will have an opportunity to review and comment on the mitigation and control measures contained in the Second Iteration Environmental Management Plan.	An appropriate and agreed second iteration of the EMP is required, with input from CCC, HDC and SCDC. Further measures such as liaison meetings to ensure input from the relevant authority and control during construction is required.	Not Agreed	
4.14	Cultural Heritage Data collection methods, baseline data	Chapter 6, Cultural heritage [APP-075]	The baseline conditions have been collated using desk-based and field-based techniques, and through consultation with stakeholders.	CCC confirm that the approach adopted is one that is typically been followed.	Agreed	Sept 2021

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
	and the identification and sensitivity of relevant features and receptors		National Highways considers the scope, coverage and timing of surveys undertaken to establish the baseline conditions and sensitive features and receptors are in line with best practice and appropriate to inform the assessment of direct and indirect effects reported in the cultural heritage assessment [APP-075].			
4.15	Cultural Heritage Construction and operational effects	Chapter 6, Cultural heritage [APP-075]	<p>The cultural heritage assessment has concluded that construction of the Scheme would result in significant adverse effects of moderate significance on the assets listed in Table 6-6 of Chapter 6, Cultural Heritage [APP-075].</p> <p>All other assets identified and assessed would experience either:</p> <ul style="list-style-type: none"> • Slight adverse effects (not significant); or • Neutral effects (not significant). 	CCC has raised a number of issues around the rating of significance of effects and the potential for major adverse construction effects – e.g. it is not possible to argue that deletion of archaeological remains is a neutral or slight adverse effect.	Not agreed	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<ul style="list-style-type: none"> Slight beneficial effects (not significant). <p>The cultural heritage assessment has concluded that construction of the Scheme would result in less than substantial harm on all assets within CCC listed in Table 6-6 of Chapter 6, Cultural Heritage [APP-075].</p> <p>The operation assessment would not result in any significant adverse effects on the assets identified within Chapter 6, Cultural Heritage [APP-075].</p>			
4.16	Cultural Heritage Embedded and essential mitigation	Chapter 2, The Scheme [APP-071] Chapter 6, Cultural heritage [APP-075] Archaeological Mitigation Strategy [APP-238]	National Highways considers that: <ul style="list-style-type: none"> The embedded mitigation measures within Chapter 2 [APP-075]; The essential mitigation measures set out in the First Iteration EMP [APP-234] and the Archaeological Mitigation Strategy [APP-238] 	CCC has substantial disagreement with section 1.3 Mitigation Strategy as CCC has raised a number of issues with the Archaeological Mitigation Strategy as deposited in the DCO submission in February 2021. Consideration within the application of archaeology at affected watercourses required (key areas likely to be Hen Brook and Wintringham Brook).	Not agreed	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		<p>First Iteration EMP [APP-234]</p> <p>Schedule of mitigation [APP-235]</p> <p><u>Update to Archaeological Mitigation Strategy [REP3-010]</u></p>	<p>are appropriate to avoid, prevent, reduce, manage, control and (where necessary) monitor the adverse effects of the Scheme during its construction and operation.</p> <p>National Highways' Archaeological Mitigation Strategy [APP-238] (to be updated at Deadline 3 of the Examination) sets out the mitigation measures that would be implemented to reduce the adverse effects of the Scheme on archaeological and built heritage resources.</p> <p>Section 10 of the Archaeological Mitigation Strategy [APP-238] details the requirements of geoarchaeological and palaeoenvironmental assessment. This includes work focused on Hen Brook at Site 19 (Field 58-62, either side of Hen Brook), colluvium identified at Site 10 (Field 53) and adjacent to the unnamed</p>	<p>A commitment to skills development and training in the area of cultural heritage is required.</p> <p>The inconsistency of approach within the proposed Scheme at specific areas e.g. land adjacent to Wintringham Scheduled Ancient Monument needs adjustment for clarification.</p> <p>Engagement with CCC Museums Liaison Officer is required for the Public Archaeology and Community Engagement Strategy.</p> <p>The Updated AMS [REP3-010] is aligned with requirements of the local authorities' investigation brief but continues to require amendments to remove 'Sampling' as a method as we do not agree with the low level of investigation that will emerge from the selection of individual features for excavation and deselection of others before sufficient understanding of a site has been gained. This approach is best used to reduce excavation needs on</p>		

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<p>watercourse between Fields 69 and 70 (Site 35).</p> <p>There is no evidence of any deposits with geoarchaeological potential at Wintringham Brook. Evidence of colluvium/alluvium was not found during the evaluation. The mitigation design for geoarchaeological work has been devised taking all evidence into account. Section 7.5 of Appendix 6.8 of the ES included a review by MOLA's Senior Geoarchaeologist. This indicated that only deposits in Field 44 and 53 warranted further investigation. This is covered by work in Sites 7 and 10. In addition, further geoarchaeological work is proposed at Sites 19 and 35.</p> <p>No works are proposed on land adjacent to the Wintringham Scheduled Monument (this site is located approximately 275m from the Scheme).</p>	<p>sites that have higher prescribed levels of investigation.</p> <p>Areas for excavation remain to be agreed for some Sites.</p>		

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<p>Appendix E of the Archaeological Mitigation Strategy [APP-238] details the requirements for the development of the public archaeology and community engagement (PACE) strategy. Paragraph E.1.1.6 states that the Archaeological Contractor will prepare a Scheme specific Public Archaeology and Community Engagement (PACE) Strategy, detailing the results of audience mapping, the targeted audiences and the activities to be undertaken. There is no reason why this would not include engagement with the CCC Museums Liaison Officer. Full details will be contained within the PACE.</p> <p>This approach is considered acceptable in order to provide the appropriate mitigation for the archaeological and built heritage resources.</p> <p>The Archaeological Mitigation Strategy has been updated by</p>			

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			National Highways presented in [REP3-010] and is to be further updated for submission at Deadline 4 of the Examination.			
4.17	Cultural Heritage Mitigation – Listed Milestones	Chapter 6, Cultural heritage [APP-075] Archaeological Mitigation Strategy [APP-238] First Iteration EMP [APP-234] Draft DCO [APP-025] Schedule of mitigation [APP-235] Update to Archaeological Mitigation Strategy [REP3-010]	The listed milestones impacted by the Scheme would be stored and reinstated as close as possible to their original location, with all works undertaken in accordance with a Method Statement to be prepared by the Archaeological Contractor and agreed with the relevant local authorities. This is secured through the Archaeological Mitigation Strategy [APP-238] and Requirement 15 (Safeguarding of milestones) of the dDCO [APP-025]. These measures are appropriate for this Scheme. The Archaeological Mitigation Strategy has been updated by National Highways presented in [REP3-010] and is to be further	CCC requested that discussion take place with Eltisley local history society regarding resiting of milestones within the village. CCC has updated the Archaeological Brief as follows: " <i>Local parishes may have history or archaeology societies that are keen to locate 'their' milestones, restore and place them in more suitable positions. Eltisley parish are one such group that have come forward with this intention and wish to work with the archaeological contractor and relevant authorities to undertake this work to move two markers at a new junction that will be created to the north of the village.</i> " This information regarding milestones was shown at 5.4.1 of the original investigation brief issued on 11/12/20 and again in the updated brief issued	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			updated for submission at Deadline 4 of the Examination.	on 23/08/21. The Updated AMS [REF3-010] should specify this at 12.2.3. We will expect the PACE (Public Archaeology and Community Engagement) developed by the Archaeological Contractor to show that engagement with the local society will occur.		
4.18	Landscape and Visual Effects Data collection methods, baseline data and the identification and sensitivity of relevant features and receptors	Chapter 7, Landscape and visual effects [APP-076]	The baseline conditions have been collated using desk-based and field-based techniques, and through consultation with stakeholders. National Highways considers the scope, coverage and timing of surveys undertaken to establish the baseline conditions and sensitive features and receptors are in line with best practice and appropriate to inform the assessment of direct and indirect effects reported in the Landscape and visual effects assessment [APP-076].	HDC and SCDC are relatively content that the scope and coverage of surveys undertaken as part of the assessment are sufficiently comprehensive to identify the likely effects of the Scheme on landscape character and visual amenity.	Agreed	
4.19	Landscape and Visual Effects	Chapter 7, Landscape and	The assessment has concluded that the Scheme would result in	HDC and SCDC are in agreement with this statement.	Agreed	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
	Construction and operational effects	visual effects [APP-076]	<p>significant adverse effects on areas of local landscape character, and on visual receptors afforded views of the landscape from locations including residential properties, local roads and PRow.</p> <p>The assessment has concluded that the Scheme would not result in significant adverse effects on sites designated for the landscape value or importance.</p> <p>Impacts on existing hedgerows and related mitigation measures are considered within Chapter 7, Landscape and visual effects of the ES [APP-076].</p>			
4.20	Landscape and Visual Effects Embedded and essential mitigation	Chapter 2, The Scheme [APP-071] Chapter 7, Landscape and visual effects [APP-076]	National Highways considers that: <ul style="list-style-type: none"> The embedded mitigation measures illustrated on the Environmental Masterplan [APP-091] 	National Highways' National Highways' commitment to timing of planting, and maintenance regime needs to be clarified. Changes to some planting mixes and species are considered necessary to improve climate change resilience and visual amenity:	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Environmental Masterplan [APP-091] First Iteration EMP [APP-234] Schedule of Mitigation [APP-235]	<ul style="list-style-type: none"> The essential mitigation measures set out in the First Iteration EMP [APP-234], are appropriate to avoid, prevent, reduce, manage, control and (where necessary) monitor the adverse effects of the Scheme during its construction and operation. <p>The planned maintenance regime is presented in outline within the Landscape and Ecology Management Plan (LEMP), included in Annex L of the First Iteration Environmental Management Plan [APP-234]. This planting will take place in the first available planting season and at a time of the year appropriate to the species being planted.</p> <p>Regarding changes to some planting mixes and species, National Highways refers the local authorities to its responses to RR-013c, RR-048c and RR-100c which includes a signpost to the LEMP in Annex L of</p>	<ul style="list-style-type: none"> LE1.6 Open Grassland – the Councils request that this is a more diverse mix of perennial wildflowers and grasses such as WFG4 (Germinal seeds) as this will have a greater benefit to pollinators etc. LE2.1 Woodland Mix – The Councils request that Lime – <i>Tilia x europaea</i> and Hornbeam – <i>Carpinus betulus</i> are added to the mix and that Birch and Aspen are reduced to 2.5% each as they are not really representative of the woodland diversity of the area. LE2.4 Linear belt of Trees and Shrubs mix – The Councils request that Lime – <i>Tilia x europaea</i> and Hornbeam – <i>Carpinus betulus</i> are added to the mix. The Councils request that Birch and Aspen are reduced to 2.5% each, they are not really representative of the woodland diversity of the area. LE2.5 Shrubs with Intermittent Trees – All species are the same 		

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			<p>the First Iteration Environmental Management Plan [APP-234] and includes a correction to the percentages within the indicative woodland species mix.</p> <p>Regarding landscape mitigation proposals, National Highways considers these to be appropriate and refers the local authorities to its responses to RR-013k, RR-048k and RR-100k. The landscape design of the Scheme responds to the character of the existing landscape, balanced against the need to avoid, prevent, reduce or offset adverse effects, for example on people's views and visual amenity. The amenity of the road user has also been a consideration.</p> <p>Regarding an agricultural mitigation strategy, National Highways refers the local authorities to its responses to RR-013o, RR-048o and RR-100o which highlights relevant controls in</p>	<p>size within the Table L-7. The Councils request clarification as to whether there will be additional Individual Trees LE5.1 added to the mix whether the intention is to allow for size variation within the mix itself (for example: vary 40-60 transplants with feathers or Standard sized trees.)</p> <ul style="list-style-type: none"> The Councils request that LE4.3 and LE4.4 are combined into a single Hedgerow with Trees and that Crataegus laevigata (not typical of the area) and Quercus rober are removed from the hedge mix. The Councils request that more Individual Trees LE 5.1 are added to all hedges throughout the scheme. The Councils request that National Highways considers adding Viburnum lantana to the hedge mix to increase the diversity. Some areas (St Neots, Caxton-Toseland) are likely to need more landscape mitigation proposals. These areas contain large 		

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			<p>relation to soils within the First Iteration EMP [APP-234].</p> <p>Regarding hedgerows, National Highways does not agree that these have not been considered as they form part of the landscape and visual effects and biodiversity assessments within the Environmental Statement [APP-076] [APP-077]. National Highways refers the local authorities to its responses to RR-013m, RR-048m and RR-100m [REP1-021].</p>	<p>stretches of hedgerow and open grassland which is in contrast with the aspirations for the Landscape Character Area set out in the National Landscape Character Assessment Environmental Opportunities (NCA88, Statement of Environmental Opportunities 1), and The Huntingdonshire Landscape and Townscape Assessment LCA5 Southeast Claylands, which notes the following opportunity: 'Planting of tree and woodland belts along major roads to screen visually intrusive development particularly to the edges of the main settlements.' (Setting of St. Neots)</p> <ul style="list-style-type: none"> • An agricultural mitigation strategy should be provided to clarify the removal and reinstatement of agricultural grade land. • Hedgerows are not considered in this application and this is potentially a significant issue. We question the lack of tree planting in 		

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				<p>long stretches of hedgerow, as commented above, and question whether due consideration has been given to the Protected Hedgerow Regulation specifications.</p>		
4.21	<p>Biodiversity Data collection methods, baseline data and the identification and sensitivity of relevant features and receptors</p>	<p>Chapter 8, Biodiversity [APP-077] Applicant's Response to Relevant Representations [REP1-021] Deadline 1 Submission – Responses to ExA's First Written Questions (WQ1) [REP1-051]</p>	<p>The baseline conditions have been collated from a combination of sources obtained using desk-based and field-based techniques, and through consultation with stakeholders.</p> <p>National Highways considers the scope, coverage and timing of surveys undertaken to establish the baseline conditions and sensitive features and receptors are in line with best practice and appropriate to inform the assessment of direct and indirect effects reported in the Biodiversity assessment [APP-077].</p> <p>As certain surveys undertaken within the assessment were constrained or limited by factors including land access restrictions, National</p>	<p>CCC, HDC and SCDC have concerns about the robustness of the baseline survey data. In particular, the results of the species and habitat surveys undertaken in 2021 are not yet available. These results were not incorporated into the revised BNG calculations. Until these results become available, it will not be possible for the Councils to assess the baseline data.</p>	Under discussion	

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			<p>Highways has shared information with CCC, HDC and SCDC regarding the scope, timing and coverage of surveys it plans to undertake during 2021, and prior to the commencement of construction of the Scheme.</p> <p>Regarding the robustness of the survey data, National Highways notes the Cambridgeshire authorities' concerns and refers to its responses to RR-013b, RR-048b and RR-100b [REP1-021].</p> <p>Further biodiversity surveys have been undertaken in 2021 since submission of the DCO application and will continue to be undertaken as described in National Highways' response to Q1.13.3.1 [REP1-051] to increase the robustness of the baseline data and fill any remaining gaps where appropriate. Additional biodiversity survey reports will be submitted at Deadline 5 of the Examination.</p>			

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4.22	Biodiversity Construction and operational effects	Chapter 8, Biodiversity [APP-077] Applicant's Response to Relevant Representations [REP1-021] Deadline 1 Submission – Responses to ExA's First Written Questions (WQ1) [REP1-051]	<p>The biodiversity assessment [APP-077] has identified that adverse and beneficial effects on habitats, species and designated sites would result from construction and operation of the Scheme; however, none of these effects would be significant.</p> <p>National Highways considers that the assessment findings accurately reflect the likely effects of the Scheme.</p> <p>Regarding arable field margins, a re-survey of arable field margins within the Scheme are being undertaken currently. The results of these surveys are being used to provide any updates to those data collected in 2018-19 and will be communicated to CCC, SCDC and HDC.</p> <p>Consultation on biodiversity matters will continue throughout the detailed design stage.</p>	<p><u>Matters raised within Cambridgeshire authorities Relevant Representation</u></p> <ul style="list-style-type: none"> • Arable field margins are not well reflected in the assessment. • Further consideration of the impact on Hen Brook and Wintringham Brook is required in terms of biodiversity. • Some of the assessments of ecological impact do not present robust evidence to justify the predicted impact. <p>The Councils acknowledge that arable field margins have been re-surveyed but note that the results of the surveys have not yet been made available.</p> <p>In relation to Hen Brook and Wintringham Brook, National Highways confirmed during a meeting on 14 September [2021] that 3 of the water courses were surveyed and the Water Framework Directive</p>	Under discussion	

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			<p>National Highways can confirm that the scope of the baseline data gathered used a combination of desk-based and site-based surveys and investigations which are comprehensive in their coverage, and provides a robust basis upon which the assessment of likely significant effects has been undertaken. The local authorities are referred to its responses to RR-013h, RR-048h and RR-100h. [REP1-021].</p>	<p>information will be incorporated at a more detailed stage.</p> <p>CCC/SCDC/HDC require consultation on the matter at the detailed design stage, however, we are concerned there is no mechanism to ensure we are meaningfully consulted.</p> <p>The results of the species and habitat surveys undertaken in 2021 are not yet available. These results were not incorporated into the revised BNG calculations. Until these results become available, it will not be possible for the Councils to assess the baseline data.</p>		
4.23	<p>Biodiversity</p> <p>Embedded and essential mitigation</p>	<p>Chapter 2, The Scheme [APP-071]</p> <p>Chapter 8, Biodiversity [APP-077]</p> <p>First Iteration EMP [APP-234]</p>	<p>National Highways considers that:</p> <ul style="list-style-type: none"> The embedded mitigation measures illustrated on the Environmental Masterplan [APP-091] The essential mitigation measures set out in the First Iteration EMP [APP-234] and 	<p><u>Matters raised within Cambridgeshire authorities Relevant Representation</u></p> <ul style="list-style-type: none"> Changes to the proposed species mix and habitats in some areas may be required. Mitigation for impact to other habitats such as arable field margins needs to be discussed and agreed. 	Under discussion	

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		Environmental Masterplan [APP-091] Biodiversity Pre-commencement Plan [APP-239] Schedule of Mitigation [APP-235] Applicant's Response to Relevant Representations [REP1-021] Deadline 1 Submission – Responses to ExA's First Written Questions (WQ1) [REP1-051]	Biodiversity Pre-commencement Plan [APP-239], are appropriate to avoid, prevent, reduce, manage, control and (where necessary) monitor the adverse effects of the Scheme on habitats, species and designated sites during its construction and operation. The illustrative Environmental Masterplan presents the embedded biodiversity mitigation measures incorporated into the Scheme which are of an appropriate level of detail for the preliminary design phase. The design information illustrated is consistent with that shown on the General Arrangement Plans [APP-011]. The design-development and EIA processes have taken account of inter-relationships and overlaps between environmental topics, mitigation measures and design features.	<ul style="list-style-type: none"> The Environmental Masterplan needs to be updated - it is currently incomplete, doesn't reflect general works arrangement and doesn't maximise biodiversity opportunities. Requirements from other disciplines (e.g. requirement for underpasses / works to the local roads) will need to be incorporated into the ecological assessment. <p>The local authorities accept that changes to the proposed species mixes have been discussed and are largely acceptable on ecological grounds.</p> <p>However, we are still concerned that National Highways is only considering using elm. The local authorities require confirmation that elm species will be included in the hedgerow /tree /woodland planting mix.</p> <p>Mitigation for arable field margins cannot be agreed until the results of the 2021 surveys become available.</p>		

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			<p>Regarding the proposed species mix and mitigation for impact to other habitats such as arable field margins, National Highways refers the local authorities to its responses to RR-013c, RR-048c and RR-100c which includes a signpost to the LEMP in Annex L of the First Iteration Environmental Management Plan [APP-234] and includes a correction to the percentages within the indicative woodland species mix.</p> <p>National Highways considers that the Environmental Masterplan is not incomplete, and the illustrative measures presented therein are of an appropriate level of detail for the preliminary design phase. Refer to National Highways' responses to RR-013d, RR-048d and RR-100d [REP1-021].</p> <p>Regarding the point on requirements from other disciplines, National Highways requests that further clarification is provided on what is</p>	<p>The First Iteration EMP, including the Environmental Masterplan, should be updated with details subsequently agreed i.e. Drainage pond/Ditch design details set at Annex A of Rep3-026.</p>		

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			meant by CCC's requirements from 'other disciplines will need to be incorporated into the ecological assessment', as National Highways can confirm that the design-development and EIA processes have taken account of inter-relationships and overlaps between environmental topics, mitigation measures and design features.			
4.24	Biodiversity Biodiversity net gain	Appendix 8.19 [APP-206] Applicant's Response to Relevant Representations [REP1-021] Deadline 1 Submission – Responses to ExA's First Written Questions (WQ1) [REP1-051]	Although the achievement of a net gain in biodiversity is not a requirement for nationally significant infrastructure projects, National Highways has sought to achieve an increase in biodiversity through the environmental measures incorporated into the design of the Scheme, as set out in Natural England's advice appended to the Scoping Opinion [APP-231] . Using National Highways' Biodiversity Net Gain metric, a net gain of 20.5% across the Scheme has been calculated, when	The local authorities accept that the BNG has been recalculated using the Defra 2.0 metric. However, the recalculations do not appear to include the results of the re-surveys done in 2021. The Councils request that this is done once the results of the survey work are available.	Under discussion	

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			<p>compared to the baseline conditions, as reported in Appendix 8.19 [APP-206].</p> <p>The calculation of biodiversity net gain also took account of Breedon Quarry being fully restored by the time of Scheme construction commencing.</p> <p>National Highways considers that the methods used to calculate biodiversity net gain are appropriate for the Scheme.</p> <p>National Highways confirmed in its response to the ExA's Q1.3.2.1 [REP1-022] submitted at Deadline 1 its intention to recalculate the performance of the Scheme using the Defra Metric 2.0 metric. Accordingly, this updated calculation has been prepared and submitted into the Examination at Deadline 3 [REP3-012 and REP3-013]. If the outcomes of the surveys undertaken in 2021 show any significant</p>			

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
4.25	<p>Geology and Soils</p> <p>Data collection methods, baseline data and the identification and sensitivity of relevant features and receptors</p>	Chapter 9, Geology and soils [APP-078]	<p>The baseline conditions relating to geology and soils have been collated using desk-based information sources, and through consultation with stakeholders.</p> <p>National Highways considers the scope, coverage and timing of surveys undertaken to establish the baseline conditions and sensitive features and receptors are in line with best practice, and are appropriate to inform the assessment of direct and indirect effects reported in the Geology and Soils assessment [APP-078].</p> <p>Due to Covid-19 restrictions in 2020/2021, it was not possible for National Highways to undertake sampling in the field to verify existing soil grades and profiles. Accordingly, the assessment has relied upon published information regarding soil grades and their distribution at a regional scale.</p>	CCC, HDC and SCDC acknowledge the Covid-19 limitations placed on undertaking soil sampling, and are content that it was appropriate for National Highways to base its assessment of the effects of the Scheme on best and most versatile agricultural land on published data.	Agreed	

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4.26	Geology and Soils Construction and operational effects	Chapter 9, Geology and soils [APP-078]	The assessment has concluded that the Scheme would not result in any significant adverse effects on locally or regionally important geological sites. Construction of the Scheme would result in significant adverse effects on areas of land mapped as best and most versatile at a regional scale, these being associated with the permanent loss of agricultural land.	CCC, HDC and SCDC are content with the conclusions of the assessment and the significance of the reported effects.	Agreed	
4.27	Geology and Soils Embedded and essential mitigation	Chapter 2, The Scheme [APP-071] Chapter 9, Geology and soils [APP-078] Environmental Masterplan [APP-091] First Iteration EMP [APP-234]	National Highways considers that: <ul style="list-style-type: none"> The embedded mitigation measures illustrated on the Environmental Masterplan [APP-091] and in Chapter 2, The Scheme [APP-071] The essential mitigation measures set out in the First Iteration EMP [APP-234], are appropriate to avoid, prevent, reduce, manage, control and (where	CCC, HDC and SCDC are content with the form and nature of the embedded and essential mitigation measures as it relates to geology and soils that would be implemented during construction of the Scheme.	Agreed	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Schedule of mitigation [APP-235]	necessary) monitor the adverse effects of the Scheme during its construction and operation.			
4.28	Material Assets and Waste Data collection methods, baseline data and the identification and sensitivity of relevant features and receptors	Chapter 10, Material assets and waste [APP-079]	The baseline conditions have been collated from a variety of sources including desk-based and input from consultees, and are reported in Chapter 10, Material Assets and Waste [APP-079]. The baseline information collected is appropriate for this Scheme.	CCC is broadly content that the scope of the assessment is sufficiently comprehensive to identify the likely effects of the Scheme on material assets and waste.	Agreed	
4.29	Material Assets and Waste Construction and operational effects	Chapter 10, Material assets and waste [APP-079]	The material assets and waste assessment concluded no significant effects in the construction and operation of the Scheme.	CCC is broadly content with the conclusions of the assessment and the significance of the reported effects.	Agreed	
4.30	Material Assets and Waste	Chapter 2, The Scheme [APP-071]	National Highways considers that: <ul style="list-style-type: none"> The embedded mitigation measures illustrated on the 	<u>Matters raised within Cambridgeshire authorities Relevant Representation</u>	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
	Embedded and essential mitigation	Chapter 10, Material assets and waste [APP-079] Environmental Masterplan [APP-091] First Iteration EMP [APP-234] Schedule of mitigation [APP-235] Applicant's Response to Relevant Representations [REP1-021]	Environmental Masterplan [APP-091] and in Chapter 2, The Scheme [APP-071] <ul style="list-style-type: none"> The essential mitigation measures set out in the First Iteration EMP [APP-234], are appropriate to avoid, prevent, reduce, manage, control and (where necessary) monitor the adverse effects of the Scheme during its construction and operation. <p>Regarding the point raised in the Cambridgeshire authorities Relevant Representation, the formation, operation and management of the borrow pits and haul routes will be included and detailed in the management plans as listed within the First Iteration Environmental Management Plan [APP-234]. The addition of this construction related information will form the subsequent iterations of the Environmental Management Plan as it is developed. Refer the local</p>	<ul style="list-style-type: none"> CCC note that the works and associated haul routes etc. need to be controlled properly from the outset. 		

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			authorities to its responses to RR-013ag, RR-048ag and RR-100ag [REP1-021].			
4.31	Material Assets and Waste Borrow Pits	Volume 9 9.24 Borrow Pits Excavation and Restoration Report [REP3-011] Applicant's Comments on Written Representations [REP3-008]	There is no requirement within the National Policy Statement for National Networks (NPSNN) for transport-related nationally significant infrastructure projects to deliver Biodiversity Net Gain. While the NPSNN requires applicants to show how the project has taken advantage of opportunities to conserve and enhance biodiversity (in paragraph 5.23), there is no policy requirement for individual components of a nationally significant infrastructure project to each provide biodiversity gains. Through discussions with landowners, it has been concluded that the preferred method of borrow pit restoration is to agricultural uses [REP3-008].	<u>Matters raised within Cambridgeshire authorities Relevant Representation (with reference to borrow pit restoration)</u> -- CCC believes that inadequate policy assessment has resulted in missed opportunities to maximise biodiversity gain.	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
4.32	Noise and Vibration Data collection methods, baseline data and the identification and sensitivity of relevant features and receptors	Chapter 11, Noise and vibration [APP-080]	<p>The baseline conditions have been collated using desk-based and field-based techniques, and through consultation with stakeholders.</p> <p>National Highways considers the scope, coverage and timing of surveys undertaken to establish the baseline conditions and sensitive features and receptors are in line with best practice and appropriate to inform the assessment of direct and indirect effects reported in the Noise and vibration assessment [APP-080].</p> <p>The results of the baseline noise survey have been used to support a validation exercise for the traffic noise prediction modelling.</p>	HDC and SCDC is in agreement that the data collected is appropriate for the noise and vibration assessment subject to re assessment / validation if significant changes to input data occurs (i.e. new Traffic Assessments).	Agreed	Sept 2021
4.33	Noise and Vibration Construction and operational effects	Chapter 11, Noise and vibration [APP-080] Applicant Response to Written	A thorough noise and vibration assessment has been undertaken for the construction and operation of the Scheme. The noise and vibration assessment concluded several significant effects in the construction	SCDC now agrees the approach taken following a discussion with the Cambridgeshire authorities on 21/10/2021. HDC is in agreement with the construction and operational effects	Agreed	Meeting with SCDC and

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		Representations - [REP3-008]	and operational periods of the Scheme as described in Chapter 11, Noise and vibration [APP-080] . The Cambourne West development has not been included in the detailed impact assessment tables within the assessment, as the properties would not be occupied prior to construction. However, there is discussion in the assessment of what the noise climate would be like for the Cambourne West receptors when the development is occupied. Refer to National Highways' responses to Written Representations REP1-048bw and REP1-048bx . [REP3-008] .	described within the Environmental Statement for the Huntingdonshire area.		HDC 21/10 /21
4.34	Noise and Vibration Embedded and essential mitigation	Chapter 2, The Scheme [APP-071] Chapter 11, Noise and vibration [APP-080]	National Highways considers that: <ul style="list-style-type: none"> The embedded mitigation measures illustrated on the Environmental Masterplan [APP-091] and in Chapter 2, The Scheme [APP-071] 	Commitment to hours of operation of works: <ul style="list-style-type: none"> Construction working hours, "07:00 – 18:00 Monday - Friday and 07:00 – 13:00 Saturday, with no working on Sundays and Bank Holidays, provided that this includes start-up. If start-up is not included, for 	Under discussion	

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		<p>Appendix 11.6 of the ES [APP-215]</p> <p>Environmental Masterplan [APP-091]</p> <p>First Iteration EMP [APP-234]</p> <p>Schedule of Mitigation [APP-235]</p> <p>dDCO [APP-025]</p> <p>Applicant's Comments on Written Representations [REP3-008]</p>	<ul style="list-style-type: none"> The essential mitigation measures set out in the First Iteration EMP [APP-234], are appropriate to avoid, prevent, reduce, manage, control and (where necessary) monitor the adverse effects of the Scheme relating to noise and vibration during its construction and operation. <p>The First Iteration EMP contains the individual management plans for the Scheme. The outline measures will be refined and updated as part of the Second Iteration EMP, and where necessary will detail control measures to be implemented that are location or area specific. Prior to the commencement of construction the local authorities will have an opportunity to review and approve the noise mitigation and control measures contained in the Second Iteration EMP through the provisions of Requirement 3 of the dDCO [APP-025].</p>	<p>consistency across the districts, it would be more appropriate for the operating times to be 08:00 – 18:00 Monday - Friday and 08:00 – 13:00 Saturday, with no working on Sundays and Bank Holidays which will allow for a reasonable start-up time. Reference is made to Chapter 2, The Scheme of the Environmental Statement [TR010044/APP/6.1] [APP-080] and as outlined in para 1.2.4. (ES 6.3 Appx 11.6) [APP-215].</p> <p>Core working hours, noise and vibration limits, plant/machinery/equipment type, stakeholder communications and complaint procedures must be agreed and committed in law via a Control of Pollution Act 1974 Section 61 Notice and any deviation from this must be notified to the Environmental Protection Officer at an agreed number of days prior to the deviating event taking place.</p>		

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			<p>The working hours are appropriate for the Scheme as defined within Requirement 19 of the dDCO [APP-025], will be adhered to throughout the Scheme construction.</p> <p>National Highways will undertake noise measurement surveys during construction, as required. The exact timing, locations and frequency of monitoring will be based on the outcome of the updated construction noise assessment which will be undertaken at detailed design stage. As set out in Chapter 11, Noise and Vibration of the Environmental Statement [APP-080] Section 11.10 the performance specification of specific operational mitigation measures would be confirmed at the detailed design stage to ensure the performance assumed in the assessment is achieved. Surveys would be undertaken to ensure that measures, such as low noise surfacing materials, were installed as required.</p>	<p>The Councils request additional confirmatory continuous operational noise monitoring be undertaken to confirm modelling predictions at isolated properties around the Potton Road junction and Cambridge Road junction. Additional mitigation measures may be required if significant discrepancies are discovered.</p> <p>Councils request a timely noise insulation/rehousing policy, identifying which residential properties are predicted to experience noise levels above those trigger levels outlined within BS5228 and the level of mitigation required.</p> <p>The Councils request a commitment that works will not start until certain conditions are met (i.e. affected properties insulated or residents relocated).</p>		

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			Additional information in response to the points raised in the Cambridgeshire authorities Written Representation, is contained within National Highways' responses to REP 1-048bv.			
4.35	Population and Human Health Data collection methods, baseline data and the identification and sensitivity of relevant features and receptors	Chapter 12, Population and human health [APP-081]	The baseline conditions have been collated using desk-based and field-based techniques, and through consultation with stakeholders. National Highways considers the scope, coverage and timing of surveys undertaken to establish the baseline conditions and sensitive features and receptors are in line with the DMRB and appropriate to inform the assessment of direct and indirect effects reported in the Population and human health assessment [APP-081].	CCC, HDC and SCDC are considering further whether the scope and coverage of surveys undertaken as part of the assessment are sufficiently comprehensive to identify the likely effects of the Scheme. CCC, HDC and SCDC are also considering whether there are additional receptors noting there appears to be insufficient consideration of light pollution, severance of remote dwellings and vulnerable groups.	Under discussion	
4.36	Population and Human Health	Chapter 12, Population and human health [APP-081]	The population and human health assessment concluded a temporary moderate adverse effect upon users of PRoW 73/17 due to closure	See row above.	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
	Construction and operational effects		<p>during construction of the Caxton Gibbet junction. This is reported in Chapter 12, Population and human health [APP-081].</p> <p>No significant effects were reported for the operation of the Scheme.</p>			
4.37	<p>Population and Human Health</p> <p>Embedded and essential mitigation</p>	<p>Chapter 2, The Scheme [APP-071]</p> <p>Chapter 12, Population and human health [APP-081]</p> <p>Environmental Masterplan [APP-091]</p> <p>First Iteration EMP [APP-234]</p> <p>Schedule of Mitigation [APP-235]</p>	<p>The embedded mitigation measures illustrated on the Environmental Masterplan [APP-091] are considered appropriate to avoid, prevent or reduce the adverse effects of the Scheme on PRoW and recreational users in relation to:</p> <ul style="list-style-type: none"> • Maintaining connectivity between existing routes, roads and communities. • Providing safe crossing provision over the new dual carriageway. <p>The essential mitigation measures set out in the First Iteration EMP [APP-234] are considered appropriate to manage and control the adverse effects of the Scheme</p>	<p>See row above. There are outstanding concerns relating to the NMU route between Cambourne and St Neots and design of crossing points.</p>	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			on PRoW temporarily affected by construction of the Scheme.			
4.38	Road Drainage and the Water Environment Data collection methods, baseline data and the identification and sensitivity of relevant features and receptors	Chapter 13, Road drainage and the water environment [APP-082]	The baseline conditions have been collated using desk-based and field-based techniques, and through consultation with stakeholders. National Highways considers the scope, coverage and timing of surveys undertaken to establish the baseline conditions and sensitive features and receptors are in line with best practice and appropriate to inform the assessment of direct and indirect effects reported in the Road Drainage and the Water Environment assessment [APP-082]. The baseline information collected is appropriate for this Scheme.	CCC is broadly content that the scope and coverage of surveys undertaken as part of the assessment are sufficiently comprehensive to identify the likely effects of the Scheme on road drainage and the water environment.	Agreed	
4.39	Road Drainage and the Water Environment	Chapter 13, Road drainage and the water environment [APP-082]	The road drainage and the water environment assessment [APP-077] has identified that adverse and beneficial effects on water quality, hydromorphology, groundwater and	<u>Matters raised within Cambridgeshire authorities Relevant Representation</u> <ul style="list-style-type: none"> Further consideration of the impact on Hen Brook and Wintringham 	Under discussion	

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	Construction and operational effects		<p>drainage would result from construction and operation of the Scheme; however, none of these effects would be significant.</p> <p>National Highways considers that the assessment findings accurately reflect the likely effects of the Scheme.</p> <p>It is the view of National Highways that thorough and comprehensive assessments of Hen Brook and Wintringham Brook have been undertaken, as reported in Chapter 13, Road Drainage and the Water Environment [APP-082].</p>	Brook is required in terms of water quality.		
4.40	Road Drainage and the Water Environment Flood risk assessment	Chapter 13, Road drainage and the water environment [APP-082] Flood Risk Assessment [APP-220]	The assessment has concluded that flood risk to and from the construction and operational stages of the Scheme from fluvial, surface water, groundwater and sewer flooding would be low, and accordingly there would be no significant flooding-related effects.	<u>Matters raised within Cambridgeshire authorities Relevant Representation</u> <ul style="list-style-type: none"> • Further evidence is needed to demonstrate there are no downstream flooding issues at Wintringham Brook. • Flood modelling impact on neighbouring communities needs to 	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
		Applicant's Response to Relevant Representations [REP1-021]	<p>Any changes to the Scheme would be controlled by the DCO process and as such any change would be the subject of further assessment.</p> <p>National Highways considers that the assessment findings are robust.</p> <p>In response to the point raised in the Cambridgeshire authorities Relevant Representation on further evidence needed to demonstrate no downstream flooding issues at Wintringham Brook, National Highways does not agree with this comment and refers the local authorities to its responses to RR-013an, RR-048an and RR-100an [REP1-021].</p> <p>In response to the point raised in the Cambridgeshire authorities Relevant Representation on flood modelling impact on neighbouring communities, National Highways notes this comment and should changes be made to the Scheme, the relevant assessments would be</p>	<p>be updated and reviewed if changes are made to the Scheme.</p>		

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			updated accordingly to ensure no impact on neighbouring communities, particularly sensitive receptors such as residential properties.			
4.41	Road Drainage and the Water Environment Embedded and essential mitigation	Chapter 2, The Scheme [APP-071] Chapter 13, Road drainage and the water environment [APP-082] Environmental Masterplan [APP-091] First Iteration EMP [APP-234] Schedule of Mitigation [APP-235] Drainage Strategy Report [APP-219]	National Highways considers that: <ul style="list-style-type: none"> The embedded mitigation measures illustrated on the Environmental Masterplan [APP-091] <p>The essential mitigation measures set out in the First Iteration EMP [APP-234],</p> <p>are appropriate to avoid, prevent, reduce, manage, control and (where necessary) monitor the adverse effects of the Scheme in relation to water quality, hydromorphology, groundwater, drainage and flood risk during its construction and operation.</p> <p>The proposed SuDS form part of the highway drainage of those side roads that will fall to Cambridgeshire</p>	<u>Matters raised within Cambridgeshire authorities Relevant Representation</u> <ul style="list-style-type: none"> Maintaining ponds and outfalls hasn't been discussed and isn't agreed. Preference for the design to include reed planting instead of treatment plants. Design for watercourses and ponds needs early engagement as soon as possible. Wording in the report for the minimum allowable discharge rates from the outfalls needs consideration 	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<p>County Council (CCC) to maintain in its capacity as Local Highway Authority and not in CCC's capacity as LLFA. The ponds and ditches are shown in the same locations as were included in the General Arrangement plans during consultation of the Scheme.</p> <p>National Highways has undertaken consultation on watercourses during the pre-application stage of the DCO process through the Flood Risk Water Management Working Group and watercourse technical notes that were submitted to CCC. National Highways' pond designs are in accordance with the National Highways design code (DMRB) and the SuDS Manual (CIRIA, C753). Pond design details are provided in the Scheme Drainage Strategy Report [APP-219].</p>			
4.42	Climate Data collection methods,	Chapter 14, Climate [APP-083]	The baseline conditions relating to climate have been collated using desk-based information sources,	<u>Matters raised within CCC, SCDC and HDC SOCG meeting on 08.07.2021</u>	Under discussion	

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
	baseline data and the identification and sensitivity of relevant features and receptors	Applicant's Response to Examining Authority's First Round of Written Questions [REP-1-022]	<p>and through consultation with stakeholders.</p> <p>National Highways considers the scope, coverage and timing of surveys undertaken to establish the baseline conditions and sensitive features and receptors are in line with best practice and appropriate to inform the assessment of direct and indirect effects reported in the Climate assessment [APP-083].</p> <p>An assessment of GHG emissions from the Scheme in the context of the 6th carbon budget has been undertaken and is presented in TR010044/EXAM/9.2 - Applicant's Response to Examining Authority's First Round Written Questions, question 1.4.1.1d.</p>	<ul style="list-style-type: none"> The Cambridgeshire authorities are satisfied with the methodology used to inform the assessment and the updating of the assessment to consider the sixth carbon budget. There remain a number of areas where we have requested further information in order to be satisfied that all appropriate mitigation measures have been adopted to minimise greenhouse gas emissions and offset any remaining residual emissions. 		
4.43	Climate Construction and operational effects	Chapter 14, Climate [APP-083] Applicant's Response to	The assessment has concluded that no significant effects associated with greenhouse gas emissions and climate change would result from the Scheme.	The Councils are satisfied that consideration has been given to potential impacts on communities adjacent to the Scheme from a climate resilience perspective. Chapter 13 of the ES [APP-083] and the associated	Under discussion	

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		Relevant Representations [REP1-021]	<p>In response to the point raised in the Cambridgeshire authorities Relevant Representation on carbon and climate change concerns, National Highways notes this comment but would request further information from the local authorities in order to respond fully.</p> <p>In response to the point raised in the Cambridgeshire authorities Relevant Representation on induced traffic, National Highways refers the local authorities to its responses to RR-013aq, RR-048aq and RR-100aq.</p> <p>In response to the point raised in the Cambridgeshire authorities Relevant Representation on the sixth carbon budget, National Highways refers the local authorities to its responses to RR-013at, RR-048at and RR-100at.</p>	<p>Flood Risk Assessment [APP-220] do give consideration to flood risk to others, although it is noted that the LLFA have requested further evidence in relation to downstream flooding issues at Wintringham Brook.</p> <p>With regards to wider climate impacts and the significance of effects, while the emissions associated with the Sixth Carbon Budget appear small when presented against a national budget, they still represent an increase in emissions. The Councils would therefore welcome further information as to how these residual emissions will be dealt with, for example via carbon offset. The impact of induced traffic is potentially significant.</p>		
4.44	Climate	Chapter 2, The Scheme [APP-071]	<p>National Highways considers that:</p> <ul style="list-style-type: none"> The embedded mitigation measures illustrated on the 	Having reviewed Table 2-1 of Chapter 2 of the ES [APP-071], while the Councils support the mitigation measures that are referenced here, the	Under discussion	

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	Embedded and essential mitigation	Chapter 14, Climate [APP-083] Environmental Masterplan [APP-091] First Iteration EMP [APP-234] Schedule of mitigation [APP-235] Construction Phase Greenhouse Gas Emissions [TR010044/EXAM/9.52]	Environmental Masterplan [APP-091] and within Chapter 2, The Scheme [APP-071] <ul style="list-style-type: none"> The essential mitigation measures set out in the First Iteration EMP [APP-234], are appropriate to reduce the temporary effects of greenhouse gas emissions, during construction of the Scheme. National Highways notes the comments from the Cambridgeshire authorities with regard to providing further details on construction GHG mitigation measures and will include this information in the next iteration of the EMP. National Highways have submitted a Technical Note providing a detailed breakdown of construction carbon emissions at Deadline 4 of the Examination.	Councils do consider that specific measures to reduce the embodied carbon of the materials used to construct the Scheme are missing. There is no reference within this table or within the First Iteration EMP to materials with lower embodied carbon, for example lower temperature asphalt. Neither does the first Iteration of the EMP [APP-234] make any firm commitments to the use of materials with lower embodied carbon. Table 3-13 of this document does refer to using materials with lower embedded greenhouse gas emissions 'where practicable'. Annex 1 of this document references the investigation of the use of new and innovative materials, including low carbon and recycled materials, at the detailed design stage. Annex G of the First Iteration EMP [APP-234] , the energy and resource use management plan, goes on to reference the sustainable use of soil and aggregate materials to minimise greenhouse gas emissions associated		

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				<p>with the importation of materials, but makes no commitments to specifying low carbon materials where materials do need to be imported to site. In the absence of this detail, it is difficult to verify the calculation of emissions associated with the Scheme, which it is noted fall below the average benchmark of 19,090 t CO₂e to 35,900 tCO₂e per km of road (APP-083, paragraphs 14.7-8), which is to be welcomed. The Councils recommend that the next iteration includes further detail and commitments to the measures that will be taken to reduce the embodied carbon associated with materials used for the construction of the Scheme in order that the figures referenced in the ES can be achieved.</p> <p>To this end the Councils welcome the commitment from National Highways to the inclusion of further details on construction GHG mitigation measures in the next iteration of the EMP and the production of a Technical Note providing a detailed breakdown of</p>		

Ref	Issue	Document reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
				construction carbon emissions for Deadline 4.		
4.45	Assessment of Cumulative Effects Baseline data	Chapter 15, Assessment of Cumulative Effects [APP-084] Appendix 15.1 Long list of other developments [APP-228] Appendix 15.2 Assessment matrix [APP-229] Applicant's Response to Relevant Representations [REP1-021]	National Highways has undertaken an assessment of the likely significant cumulative effects of the Scheme on the environment resulting from the cumulation of effects with other existing and/or approved developments and projects. The assessment has considered: <ul style="list-style-type: none"> • Existing completed projects. • Approved but uncompleted projects. • Ongoing activities. • Plans or projects for which an application has been made and which are under consideration by consenting authorities; and • Plans and projects which are reasonably foreseeable. Cumulative developments and projects were initially identified	The Cambridgeshire Authorities welcome the commitment from NH to keep progression of East West Rail under review and to update the cumulative impacts assessment should more detailed information be made available during the DCO examination.	Under discussion	

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			<p>through a long list [APP-228], with qualifying developments subsequently shortlisted [APP-229] for consideration in the assessment.</p> <p>National Highways considers that its approach to identifying other development projects, their shortlisting and subsequent inclusion in the cumulative effects assessment is robust and appropriate.</p> <p>Regarding the point raised on the cumulative effects with East West Rail, National Highways refers the local authorities to its responses to RR-013au, RR-048au and RR-100au. The East West Rail project was discounted from further consideration in the cumulative effects assessment. Notwithstanding this, National Highways continues to review the progression of the East West Rail project and will accordingly update its status within the cumulative effects assessment in the event of a scoping report or</p>			

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			similar information being published for the project during the DCO Examination.			
4.46	Assessment of Cumulative Effects Construction and operational effects	Chapter 15, Assessment of Cumulative Effects [APP-084] Appendix 15.1 Long list of other developments [APP-228] Appendix 15.2 Assessment matrix [APP-229]	The cumulative effects assessment has concluded that significant adverse cumulative effects would occur in relation to the effects of the following topics interacting cumulatively with the effects of other planned projects and developments: <ul style="list-style-type: none"> Landscape and visual effects [APP-076] Noise and vibration [APP-080] No significant cumulative effects have been identified in relation to other environmental topics. National Highways considers that the outcomes of the cumulative effects assessment (in relation to development interactions) are accurate.	CCC, HDC and SCDC are content with the conclusions of the assessment and the significance of the reported effects.	Agreed	

Table -5 – Archaeological Matters

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
5.1	Archaeology mitigation areas	Archaeological Mitigation Strategy [APP-238]	<p>The extent and methodology of the following mitigation areas have been agreed:</p> <ul style="list-style-type: none"> • Site 12, Field 56 • Site 13, Field 58 • Site 15, Field 64-5 • Site 16, Field 66 • Site 21, Field 59 • Site 22, Field 77 • Site 25, Field 85 • Sites 29 & 30, Field 92 • Site 31, Field 93 • Site 40, Field 99 <p>The following site has been completed by Urban and Civic:</p> <ul style="list-style-type: none"> • Site 14, Field 59 <p>No further work is required.</p>	These sites are agreed by CCC.	Agreed	

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5.2	Archaeology mitigation areas	Archaeological Mitigation Strategy [APP-238]	The following mitigation areas has not been agreed: <ul style="list-style-type: none"> • Site 11, Field 54 & 56 • Site 18, Field 73 & 74 • Site 32, Field 94 • Site 33, Field 94 • Site 34, Field 95 • Sites 36, 37, 38 & 39, Field 97 • Site 10, Field 53 • Site 20, Field 75-76 • Site 27, Field 88 • Site 35, Field 69 & 70 West • Site 18, Field 73 & 74 • Site 23, Field 80 	CCC do not agree with the archaeology mitigation areas mentioned.	Not agreed	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			<ul style="list-style-type: none"> Site 28, Field 90 			
5.3	Setting of heritage assets	HDC Issues and Analysis Record issued to HE (20210625)	<p>Chapter 6: Cultural Heritage of the ES (APP-075) includes assessment of effects on the setting of heritage assets, including those outside the application area within a study area agreed with the statutory bodies prior to the assessment being undertaken.</p> <p>The Historic England guidance on assessing setting is detailed in paragraph 6.3.16b, while the impact assessment can be found in paragraphs 6.9.191-6.9.246 for construction effects, and 6.9.249 – 6.9.284 for operational effects.</p> <p>Paragraph 6.9.4 d. states “Any listed building recorded in Appendix 6.1 of the Environmental Statement [TR010044/APP/6.3], and not discussed below, will not be significantly affected as a result of construction or operation of the Scheme.” This includes Tithe</p>	<p>Whilst the EIA considers direct impact on heritage assets it does not appear to consider the impact of the development on the setting of heritage assets outside the application area. As setting can form part of the significance of a heritage asset then this should also have been considered. The impact on Tithe farmhouse Cambridge Road 1211328 and barn 1211327 would be relevant.</p>	Under discussion	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council, Huntingdonshire District Council and South Cambridgeshire District Council Position	Status	Date
			Farmhouse, Cambridge Road (1211328) and barn (1211327).			
5.4	Council archaeology brief	Archaeological Mitigation Strategy [APP-238]	A brief has been prepared by the Curators at the councils. This is designed to facilitate the production of the Site Specific Written Schemes of Investigation (SSWSIs) by the Archaeological Contractor. The contents of this brief have been taken into account when detailing the overarching scope of works in Part Two of the Archaeological Mitigation Strategy. Following discussions, the brief has been revised and agreed, and is appended to the updated AMS submitted at Deadline 3.	CCC note that a brief must be in place. A revised updated brief (Joint Authorities' Archaeology Brief) has been reissued to HE (23/08/21) which is appended to the revised Archaeological Mitigation Strategy submitted at Deadline 3 of the Examination.	Agreed	October 2021

Table 3-6 – Highways, Design and Public Rights of Way Matters

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
	Highways Design General Matters					
6.1	Commitment to Vision Zero – Highways elements	Cambridgeshire County Council Joint Relevant Representation with SCDC and HDC [RR-013] and [RR-048] and [RR-100].	<p>The strategic highways network is operated, maintained and managed by National Highways which, by 2040, aims for no one to be killed or seriously injured while travelling on or working on the network.</p> <p>The Scheme has considered these targets through proposals to ensure that National Highways aligns with National Highways' targets. This aligns with the principles set out in Vision Zero that no human being should be killed or seriously injured as the result of a road collision and sets ambitious targets for a 50% reduction in people killed and seriously injured by 2030 and working towards zero fatalities and severe injuries by 2040.</p>	<p>CCC require an enforceable commitment from National Highways to Vision Zero.</p> <p>CCC also requires a similar commitment to Vision Zero on the local highway network. Whilst HE is not responsible for safety of its network, any designs for that network should also contribute to this Vision Zero target be achieved by at least designing the network to DMRB standards.</p>	Under Discussion	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
6.2	Impact of Construction Phase upon the Highway Network	Cambridgeshire County Council Joint Relevant Representation with SCDC and HDC [RR-013] and [RR-048] and [RR-100].	<p>National Highways has provided comprehensive construction traffic flow impacts in the Transport Assessment [APP-241] and [APP-242], the Transport Assessment Annex [APP-243] and the Outline Construction Traffic Management Plan [APP-024].</p> <p>Table 12-1: Technical engagement with local authorities within the Scheme Consultation Report [APP-033] demonstrates that results from the assessments undertaken have been presented to local councillors, officers and local forums of all the local authorities.</p> <p>National Highways deems the information provided to the Local Authority to be sufficient enough to understand the impact from construction traffic and re-routing is and what proposed mitigation to adverse impacts are.</p>	<p>The impact on network from construction traffic and re-routing needs to be understood and how any adverse impacts will be mitigated.</p> <p>CCC require the tasks outlined in Table 3 (modelling) to be undertaken before this can be agreed.</p> <p>CCC seeks appropriate recompense for damage caused to the local network by extraordinary traffic.</p>	Under discussion	
6.3	The Outline Construction	Cambridgeshire County Council	As shown by the process set out below there is a sufficient	CCC seeks clarification as to how the 'illustrative' aspects of the	Not agreed	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
	Management Plan [APP-244]	Joint Relevant Representation with SCDC and HDC [RR-013] and [RR-048] and [RR-100].	<p>opportunity for the host authorities to be consulted upon the Traffic Manager's role and responsibilities in the Traffic Management Plan.</p> <p>The Outline Construction Traffic Management Plan (OCTMP) [APP-244] sets out the temporary traffic management processes that will be followed for the safe and efficient construction phases of the Scheme. The development of the OCTMP has been informed through discussions with the Strategic Road Users Technical Working Group which includes representatives from local authorities.</p> <p>Following a grant of development consent for the Scheme, relevant local highway authorities will have the opportunity to comment on a Traffic Management Plan, which must substantially accord with the OCTMP [APP-244]. Requirement 11 of the draft Development Consent Order (dDCO) [APP-025] makes provision for the preparation of a Traffic Management Plan, that must</p>	<p>timings of road closures set out in the outline construction traffic management plan will translate through to the specifics of the traffic management plan and how CCC will be involved in that process. The traffic management plan must provide for sufficient advance notice to be given to CCC.</p> <p>Proposals in the DCO relating to Traffic Manager responsibilities are unacceptable and will require redrafting to allow for an agreed process.</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
			be consulted upon with the relevant local highway authority before being submitted to the Secretary of State for approval. In making an application to discharge the requirement, a summary report is required to be prepared which must include the written responses from any parties consulted with.			
6.4	The Outline Construction Management Plan [APP-244]	Cambridgeshire County Council Joint Relevant Representation with SCDC and HDC [RR-013] and [RR-048] and [RR-100].	<p>The permitted construction network routes are suitable and do not need to be revised.</p> <p>The restrictions sought are sufficiently set out in the Outline Construction Traffic Management Plan as noted below.</p> <p>Paragraph 3.3.1 of the Outline Construction Traffic Management Plan [APP-244] sets out a number of restrictions as follows:</p> <ul style="list-style-type: none"> Construction traffic will not be permitted to use a number of specifically identified side roads for the duration of the Scheme construction phase. 	CCC require the permitted construction network routes to be revised and the restrictions clarified. There have been some changes such as restricting the route by Ernulf Academy which are welcomed	Under Discussion	

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			<p>Appendix C of the Outline Construction Traffic Management Plan [APP-244] sets out the restricted routes.</p> <ul style="list-style-type: none"> • Carriageway and lane restrictions will be used to create safe working spaces. Indicative closure times are set out in Table 3.1 within the Outline Construction Traffic Management Plan [APP-244]. The indicative closures are shown as being operational for overnight periods. • Strategic diversion routes will be in place when there are closures on sections of the A428, A421 and the A1. Appendix D of the Outline Construction Traffic Management Plan [APP-244] sets out drawings showing the diversion routes. • Temporary traffic signals will be used during off peak hours on the approaches to 			

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			<p>Cambridge Road junction. During peak hours Cambridge Road junction will use all available lanes with the use of temporary road narrowing. Full carriageway closures will only be implemented at night or at weekends. Para 3.6.3 of the Outline Construction Traffic Management Plan [APP-244].</p> <ul style="list-style-type: none"> The number of operating lanes approaching Caxton Gibbet junction will also be reduced when necessary, during off peak hours with the use of temporary signals. During peak hours Caxton Gibbet junction will use all available lanes. Temporary road narrowing will be used. Full carriageway closures will only be implemented at night or at weekends. Para 3.6.4 of the Outline Construction Traffic Management Plan [APP-244]. Speed restrictions and temporary speed limits (to be 			

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			<p>dealt with by temporary traffic regulation orders).</p> <p>Following the grant of development consent for the Scheme, relevant local highway authorities will have the opportunity to comment on the Traffic Management Plan, which must substantially accord with the Outline Construction Traffic Management Plan [APP-244]. Requirement 11 of the draft Development Consent Order (dCO) [APP-025] makes provision for the preparation of a Traffic Management Plan, that must be consulted upon with the relevant local highway authority before being submitted to the Secretary of State for approval. In making an application to discharge the requirement, a summary report is required to be prepared which must include the written responses from any parties consulted with.</p> <p>National Highways discussed routes with CCC at a meeting on 17 May</p>			

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			2021 and made changes where possible.			
6.5	The Construction Programme	Cambridgeshire County Council Joint Relevant Representation with SCDC and HDC [RR-013] and [RR-048] and [RR-100].	<p>Sufficient information regarding the construction programme is contained within the Application in Chapter 2 The Scheme of the Environmental Statement [APP-071]. Further detailed construction works information will be provided at the detailed design stage of the Scheme.</p> <p>Sufficient information for this stage is provided within the Application about the timings of closures with indicative timings for closures set out in the Outline Construction Traffic Management Plan [APP-244].</p> <p>The relevant local highway authorities will have the opportunity to comment on a Traffic Management Plan, which must substantially accord with the Outline Construction Traffic Management Plan [APP-244]. Requirement 11 of the draft Development Consent Order (dDCO) [APP-025] makes</p>	<p>CCC require more information on the construction programme and timings for closures including the impact on the PROW network and thus health and well-being.</p> <p>Temporary alternative routes need to be agreed with CCC.</p>	Not agreed	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
			provision for the preparation of a Traffic Management Plan, that must be consulted upon with the relevant local highway authority before being submitted to the Secretary of State for approval. In making an application to discharge the requirement, a summary report is required to be prepared which must include the written responses from any parties consulted with.			
	Geometry and Design Standards					
6.6	Design Standards for Junctions and Roads in Cambridgeshire County Council (CCC)/South Cambridgeshire District Council (SCDC) and	The Joint Relevant Representations for CCC, SCDC and HDC [RR-013] and [RR-048] and [RR-100].	<p>National Highways has designed sections of non-trunk roads to suit the nature of the existing road, which in some cases are old roads that have not been designed to any standard.</p> <p>National Highways is committed to keeping the nature of the existing road to remove unnecessary safety risks. Having localised areas of wider road has been shown to</p>	<p>Approval in-principle for highway design (including PROW) and adoption of standards is not yet agreed.</p> <p>The submitted plans do not take account of CCC's requirements regarding Local Road Highway Design Principles. As such the proposals include unnecessary Departures of Standard for carriageway widths/cross sections.</p>	Not agreed	19/10/21

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
	Huntingdonshire District Council (HDC) areas		<p>increase driver speeds and increase the temptation for drivers to attempt overtaking which may lead to accidents. Furthermore, the proposed stretches of road are not lit which will compound the safety concerns as at night, drivers will become accustomed to wider roads only to then be tapered back down to the existing cross sections and geometry.</p> <p>Design guides or standards such as the Design Manual for Roads and Bridges (DMRB) or Manual for Streets (MfS) have been used to facilitate this.</p>	<p>The principles to be applied in the design and construction of the Scheme's local roads within Cambridgeshire are as follows:</p> <ul style="list-style-type: none"> • Consistent application of the Manual of Contract Documents for Highway Works (MCHW) standards and specifications. • Full compliance with standards wherever possible, • The methods of highway drainage should be considered at the preliminary design stage. • Holistic design approach is required to avoid unnecessary maintenance risk/cost to the County Council. <p>At the meeting on 18/10/21 National Highways agreed to break down this section of the SoCG (at Deadline 6) to schedule out the various design parameters at each location so it would be clear what was proposed and agreed/not agreed at each location</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
				CCCs response to WQ 2.11.2.1 sets out in detail why departures for reduced cross sections will not be acceptable on Potton Road/ B1046 and Toseland Road		
6.7	Design Standards for Junctions and Roads in Cambridgeshire County Council (CCC)/South Cambridgeshire District Council (SCDC) and Huntingdonshire District Council (HDC) areas	Works Plans [APP-009] to [APP-010] ; General Arrangement Plans [APP-011] and Permanent Speed Limit Plans [APP-015] .	<p>National Highways has designed matters including the width of the verges; design speeds and locations of drainage ditches for:</p> <ul style="list-style-type: none"> • Potton Road. • Cambridge Road Junction. • Toseland Road. • Eltisley Junction. • Caxton Gibbet Junction. <p>as shown in the relevant Works Plans [APP-009] to [APP-010]; General Arrangement Plans [APP-011] and Permanent Speed Limit Plans [APP-015] to a preliminary design standard with the intention of further refinement during detailed design. The design proposed is appropriate and has been developed with due consideration to comments</p>	As above	Not agreed	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
			<p>received throughout the pre-application process in advance of the Development Consent Order application.</p> <p>Some matters, including road junction drainage collection systems design will not be finalised until detailed design stage, when the host authorities will be consulted.</p>			
6.8	Lighting Strategy	The Joint Relevant Representation for CCC, SCDC and HDC [RR-013] and [RR-048] and [RR-100]	<p>A detailed lighting strategy will be developed at the detailed design stage. However, the proposed extent of lighting is shown on the General Arrangement Plans [APP-011].</p> <p>Requirement 17 of the dDCO [APP-025] sets out that no part of the authorised development may be brought into use until a written scheme of the proposed highway lighting for that part has been approved by the Secretary of State, following consultation with the relevant local highway authority on matters relating to its function.</p>	<p>A lighting strategy is not in place and will be required to secure acceptable lighting design for both the new assets and those on the sections to be detrunked. This is required to understand the lighting impacts of the development as part of the application and secure a commitment from National Highways to use Cambridgeshire's street lighting specification (CCC Street lighting Development Specification, Revision 03 - dated January 2016) on any roads to be adopted by the Council.</p>	Under discussion	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
				CCC require a lighting strategy to be agreed during the Examination phase.		
6.9	Management and Maintenance Responsibilities		<p>Highways</p> <p>The links and junctions as defined in the draft DCO [APP-025] Schedule 3 and within the area of Cambridgeshire County Council will be the responsibility of Cambridgeshire County Council highways authority.</p> <p>National Highways does not agree with the amendments proposed by CCC in relation to Article 13 is of the view that the more appropriate place for these elements is in the legal agreement currently being negotiated between the parties.</p> <p>The parties have had a number of meetings regarding progressing negotiations on the legal agreement as well as progressing the technical design of the local highways to be handed over to CCC upon completion.</p>	<p>Highways</p> <p>CCC requires the principle to be contained in the dDCO that the new highways identified in Schedule 3 will only become the responsibility of the LHA once completed to its satisfaction.</p> <p>The following key points in relation to the new highways created by the scheme are also still to be agreed:</p> <p>(1)The extent of the new highways to be handed to CCC has yet to be clarified and CCC has requested in its written representation (REP1-048, items 3.27 to 3.31) that proposed local road boundaries are included in the DCO and that engagement is undertaken by National Highways to ensure that satisfactory asset boundaries can be defined. CCC acknowledges that this can only be fully undertaken during the detailed</p>	Under discussion	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
			<p>Structures</p> <p>National Highways will maintain the bridge structures that cross the new trunk road. These include the following:</p> <ul style="list-style-type: none"> • B1046, (overbridge) • Footpath 1/9, (underbridge) • Footbridge (FP 1/17), (overbridge) <p>Cambridgeshire County Council will be responsible for the maintenance of the carriageway construction above the waterproofing for the bridge structures that pass 'over' the trunk road.</p> <p>Landscaping</p> <p>The extent of maintenance responsibility for landscape will be determined at detailed design in collaboration with Cambridgeshire County Council.</p> <p>Signalised Junction at Caxton Gibbet</p>	<p>design phase but notes a lack of engagement on this matter to date, with National Highways indicating this matter should be addressed through a separate legal agreement (EXAM/9.21, REP1-048z).</p> <p>(2) CCC is not content with the provisions contained within dDCO article 13 on the subject of inspection and certification by the LHA that the new highways created by the scheme are appropriate for adoption. See REP1-048 paras 3.4-3.6. National Highways has proposed that a 'handover' process is defined via a separate legal agreement (REP1-048z) [REP3-008]. However CCC does not feel this is appropriate and believes the DCO is the correct document in which to clearly set the parameters for such a process. Therefore the current wording of article 13 is not agreed by CCC.</p> <p>CCC proposed alternative wording at Deadline 3 [REP3-039]. This wording is essential so that the highways do not transfer to CCC by operation of</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
			<p>The signalised crossings will be maintained by National Highways.</p>	<p>law before CCC is satisfied that the highways are complete.</p> <p>Structures</p> <p>Not all of the bridges that cross the new trunk road are listed in the column to the left of this row. Clarity is required in relation to all bridges.</p> <p>CCC will not accept responsibility for maintenance of the surface course of a highway crossing a bridge, where a PROW shares its route with a Private Means of Access. As per CCC's points in REP1-048, items 3.25-2.36. It is noted that National Highways has indicated this matter is under review (EXAM/9.21, REP1-048ab) [REP3-008]. CCC cannot agree until it has seen National Highways' proposed revisions. Reference is made to CCC's proposed amendments to Articles 13(5) and (6) of CCC's comments on the dDCO [REP3-039].</p> <p>Landscaping</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
				<p>CCC agrees with National Highways' statement in the column to the left of this row.</p> <p>Signalised junction at Caxton Gibbet</p> <p>CCC awaits design proposals for the signalised crossings but agrees in generality to the principle that the crossings should be signalised.</p>		
6.10	Management and Maintenance Responsibilities		<p>Drainage</p> <p>Cambridgeshire County Council will be the maintaining authority for the drainage assets servicing the proposed local highway network within its area, including but not limited to the attenuation basins, Sustainable Drainage Systems (SuDS) and culverts.</p>	<p>It is the policy position that Cambridgeshire County Council do not adopt SuDS. CCC will only adopt drainage assets that are essential to the maintenance of the highway.</p>	Not agreed.	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
	Existing A428 Cambridge Road					
6.11	Detrunking Process	The Joint Relevant Representation for CCC, SCDC and HDC [RR-013] and [RR-048] and [RR-100]	<p>A legal agreement is currently being negotiated between the parties which will, when agreed, contain an acceptable process for the handover of the de-trunked A428. This will ensure that the highway is at a reasonable standard as agreed with CCC. National Highways maintains its view that the presence of the legal agreement means that there are no changes required to the drafting of the dDCO.</p> <p>Protective provisions with regard to highway matters are not necessary and more detail regarding highway matters can be addressed within the legal agreement currently being negotiated with CCC.</p>	<p>The detrunking process as set out is unacceptable and requires changes to the drafting of the DCO to follow a process agreed with the Highway Authority. De-trunked roads should not be handed over to the Highway Authority until they are at a reasonable standard agreed with the Highway Authority.</p> <p>As pointed out in CCC's Written Representation (REP1-048, item 3.7), the timing of the de-trunking should not be solely at the determination of National Highways without requiring any prior agreement from the LHA. CCC has requested that amendments are made to the dDCO in relation not just to the timing of de-trunking but also to provide for a formal de-trunking process. National Highways has indicated its preference to resolve</p>	Not agreed	

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				such matters via a separate legal agreement (EXAM/9.21, REP1-048z), but such an agreement is not yet finalised and, in any event, will need to be supplemented by an agreement mechanism in the dDCO. As with the handover of new local roads, CCC feels the wording of the DCO should be changed to accommodate an agreed de-trunking process and the capacity for National Highways and the LHA to agree on its timing. CCC therefore objects to the de-trunking provisions in the dDCO.		
6.12	De-trunking: Maintenance responsibility		The existing A428 will be de-trunked from the Wyboston Roundabout through to Caxton Gibbet junction. Maintenance responsibility for the section of the existing A428 within Cambridgeshire County Council's boundary area will be transferred to Cambridgeshire County Council highway authority pursuant to the agreed terms as set out in the side agreement, when completed.	As above.	Not agreed	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
6.13	De-trunking: Handover of assets	The Joint Relevant Representation for CCC, SCDC and HDC [RR-013] and [RR-048] and [RR-100]	A legal agreement is currently being negotiated between the parties which will, when agreed, contain an acceptable process for the handover of the de-trunked A428. This will ensure that the highway is at a reasonable standard as agreed with CCC.	As above. CCC requires a commitment to the principles that <ul style="list-style-type: none"> No street lighting assets should be older than 2 years old at the point of handover. Street lighting must comply fully with the Cambridgeshire Street lighting development specification (CCC Street lighting Development Specification, Revision 03 - dated January 2016 or updated version if applicable). National Highways will comply with CCC's street lighting standard detail drawings whether on new or detrunked sections. 	Under discussion	
6.14	De-trunking: Name of road		The existing A428 will be renamed A1428 and B1428 as per the extents shown on the Classification of Road Plans [APP-016] and contained within the draft DCO [APP-025]	The extent of the de-trunked A428 that is to be renamed as the A1428 does not match CCC's expectations and should be extended eastwards up to and including both dumbbell roundabouts at the new Cambridge	Under discussion	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
			Schedule 3, Part 2 – Classified Roads.	Road junction. This ensures a continuation of connectivity between the A Road network and the new A428.		
6.15	Land Ownership: Restoring of stopped up land		<p>The land required for, or affected by, the proposed development is shown on the Land Plans [APP-008] Further reduction/ refinement may be developed during detailed design.</p> <p>Where highways are being stopped up and there is no existing title plot associated, the half-width of the road will be returned to the adjacent landowners, unless National Highways are seeking permanent acquisition.</p>	<p>CCC in its written representation (REP1-048) paras 3.27 to 3.31 explains its concerns regarding land take for the scheme and the relationship of this to the highway boundary. CCC has requested the inclusion of a proposed local road boundary in the dDCO, and the undertaking of collaborative working to ensure that local road boundaries can be agreed to the satisfaction of all affected parties. No land that is unnecessary for highway purposes should be considered to form part of the local road network.</p> <p>CCC as LHA is only able to adopt areas of land that are necessary for highway purposes</p>	Under discussion	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
	PROW and WCH Matters					
6.16	Impact of the Scheme upon Walkers, Cyclists and Horse riders (WCH)	The Joint Relevant Representation for CCC, SCDC and HDC [RR-013] and [RR-048] and [RR-100]	The design of the proposed WCH routes is acceptable and are identified in the DCO Application, specifically shown in the General Arrangement Plans [APP-011], the Streets, Rights of Way and Access Plans [APP-013] and within the draft DCO [APP-025].	There are significant detailed design, routing, and procedural issues to discuss and resolve in relation to NMU routes and upon the local highway authority responsible for the assets	Under discussion	
6.17	Walkers, Cyclists and Horse riders (WCH) Details in Application	The Joint Relevant Representation for CCC, SCDC and HDC [RR-013] and [RR-048] and [RR-100]	The Application sets out sufficient consideration of the relevant policy requirements regarding supporting WCH. Appendix A of the Case for the Scheme [APP-240] sets out an assessment of the Scheme against the paragraphs contained within the National Networks National Policy Statement (NNNPS). In response to paragraph 5.216 of the NNNPS, which expects that impacts on accessibility for non-motorised users will be mitigated, it is stated that as part of development of the Scheme, a Walking, Cycling and Horse Riding	There is currently insufficient support for NMUs. National Highways needs to set out further consideration of the relevant policy requirements regarding supporting NMUs including Government Guidelines, the Cambridgeshire and Peterborough Local Transport Plan and Local Plan policies, which require new development to contribute to an enhanced transport network that supports an increasing proportion of journeys being undertaken by sustainable travel modes and seeks a proposal affecting a PROW	Under discussion	

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			<p>Assessment and Review was undertaken [APP-242]. It further states that the requirements of these users have been identified and appropriate mitigation measures have been incorporated into the design of the Scheme.</p> <p>The Scheme will provide new and diverted footpaths, cycleways and bridleways which will provide many benefits to the local population such as increased access to community facilities, improved safety while travelling, encouragement to take part in recreational activity and the increased opportunity to travel using sustainable transport modes. This includes the new 3m footpaths/cycleway from Cambridge Road in Eltisley to the Caxton Gibbet junction and similarly introduced between Chawston and Roxton as well as 2m wide footway along Toseland Road which adjoins the existing A428 by Whitehall Farm Industrial Estate.</p>	<p>or other formal NMU route to protect and enhance it. Roadside NMU provisions and crossings should include equestrians in addition to walkers and cyclists.</p> <p>Short sections of footpaths and cycleways are provided in Cambridgeshire which do not connect and leave users in a vulnerable position. Therefore the current proposals in Cambridgeshire don't improve safety, increase access to community facilities, encourage users to take part in recreational activity or increase opportunity to travel using sustainable transport modes.</p> <p>The Councils set out the improvements to the NMU provision they are seeking at sections 6.5 and 6.6 of the Councils' Written Representation [REP1-048].</p>		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
			National Highways considers that reasonable opportunities have been taken to provide new, upgraded and replacement facilities where this is required.			
6.18	WCH Details in Application	The Joint Relevant Representation for CCC, SCDC and HDC [RR-013] and [RR-048] and [RR-100]	<p>The Application maintains connectivity to local communities across the Scheme.</p> <p>Of the eight existing Public Rights of Way that are impacted by the new dual carriageway within Cambridgeshire County Council, National Highways is proposing five crossing facilities to maintain the connectivity within the area. The three Public Rights of Way where crossings are not provided, two alternative crossings are within close proximity. These crossings have been developed to align with the Public Rights of Way provision of the Wintringham Development, and the severed routes, stopped up.</p> <p>National Highways has proposed provision of WCH facilities adjacent to the carriageway where existing</p>	<p>Generally, connectivity between local communities is poor. The majority of the current A428 has no footways. Pedestrian east-west routes are limited to public footpaths, which are not fully accessible to those with disabilities. There are no alternative nearby east-west routes for cyclists and equestrians other than along the current A428.</p> <p>The proposals do not add any roadside NMU provision beyond severed sections of the A428, leaving the burden to provide this on the Local Highway Authority. This will result in fragmented NMU provision between St Neots and Cambourne. This includes the 600m NMU gap between the Etisley Link and Caxton Gibbet North junction is within the DCO boundary.</p>	Under Discussion	

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			<p>routes would be severed by the new dual carriageway. Specifically, shared footway/ cycleways are proposed at Cambridge Road and Caxton Gibbet junctions. These routes have been upgraded from a footway to shared use facilities. Furthermore, new provision is proposed through Eltisley link (shared footway/ cycleway) and along Toseland Road (footway) to ensure connectivity over the new dual carriageway. These proposals complement the objectives of Cambridgeshire County Council's Transport Investment Plan, specifically TIP 134.</p> <p>National Highways does not agree with CCC's statement in their Relevant Representation that generally connectivity to local communities is poor.</p>	<p>National Highways has additionally rejected CCC's proposals for bridleway upgrades within the DCO boundary (Abbotsley Footpath 9, Abbotsley Footpath 17) to improve the lack of off-road connectivity.</p> <p>The Potton Road Bridge has no NMU provision and the Toseland Bridge is only being provided with a footway, not a full NMU route.</p> <p>At the Caxton Gibbet junction South Roundabout, Streets, Rights of Way and Access sheet 14 (APP-013), the NMU southwards along A1198 should continue on the eastern side to facilitate connectivity into the planned NMU connections of the developments at Cambourne West, avoiding non-motorised users needing to cross the A1198 twice within a short distance.</p>		
6.19	Cycling Provision	The Joint Relevant Representation for CCC, SCDC and HDC [RR-013] and	The guidance outlined in LTN 1/20 is specifically for the local authorities and the development of new cycling infrastructure. There is no proposed	LTN 1/20 compliance is required for any asset to be maintained by, or handed over to, CCC. A compliant route is required between	Under Discussion	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
		[RR-048] and [RR-100]	<p>development along the existing A428 between Cambourne and St Neots, where the assets are to be de-trunked and maintained by the local authority.</p> <p>National Highways is proposing unsegregated shared footway/cycleway facilities at Cambridge Road junction, Eltisley Link and Caxton Gibbet junction in accordance with the Design Manual for Road and Bridges – ‘CD 143 Designing for walking, cycling and horse-riding’ and the associated National Application Annex.</p> <p>National Highways does not consider it appropriate to adopt the principles of LTN 1/20 for the Scheme for the following reasons:</p> <ul style="list-style-type: none"> National Highways is not required to adopt the principles of Local Transport Notes. These are advisory documents produced by the DfT and recommended to local highway authorities for use on their roads. 	Cambourne and St Neots. The burden for providing the route post-handover, would otherwise rest with CCC.		

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
			<ul style="list-style-type: none"> The existing A428 is not new a road, a status not changed by the de-trunking process. The Scheme is not being funded through a grant to Local Authorities. 			
6.20	Cycling Provision	The Joint Relevant Representation for CCC, SCDC and HDC [RR-013] and [RR-048] and [RR-100]	<p>National Highways has proposed unsegregated shared footway/ cycleway in accordance with the Design Manual for Roads and Bridges - 'CD 143 Designing for walking, cycling and horse-riding' at Cambridge Road junction, Eltisley Link and Caxton Gibbet junction.</p> <p>National Highways confirms LTN 1/20 does not apply and will not be adopted on the Scheme.</p>	<p>CD 143 applies to the design of walking, cycling and shared use facilities on and/or adjacent to the motorway and all-purpose trunk road network. All provision along non-trunk roads should therefore accord with LTN 1/20. Given recent government policies and publications on active travel and carbon reduction, National Highways should be implementing high quality infrastructure for active travel that at least meets the requirements of LTN 1/20.</p> <p>The gaps in provision (for example from Eltisley to Caxton Gibbet) result in sections of cycleway and footway provision that do not provide a continuous route, leading users to</p>	Under Discussion	

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				unsafe conditions on the existing A428.		
6.21	Cycling Provision	The Joint Relevant Representation for CCC, SCDC and HDC [RR-013] and [RR-048] and [RR-100]	The Scheme proposes at-grade crossing which is also in accordance with the guidance outlined in LTN 1/20. Signalised crossings will be provided where the shared footway/cycleways cross the slip roads and also at the A1198 on the north side of the Caxton Gibbet junction.	<p>Whilst the provision of a grade separated crossing of the A1198 on the north side of the Caxton Gibbet would be preferred a signalled crossing is acceptable. Type and location need to be agreed for all signalled crossings. A crossing on the south side of the Caxton Gibbet junction is also needed to facilitate the link between facilities on either side of the road.</p> <p>The lack of crossing facilities on the new sections of non-trunk road will create a barrier which the Local Highways Authority will be expected to resolve. Crossing facilities should be included in the design of the Eltisley to Caxton Gibbet section so that the burden of trying to retro-fit a crossing facility on a road newly constructed by National Highways is</p>	Under Discussion	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
				not left with the Local Highway Authority.		
6.22	Cycling Provision	The Joint Relevant Representation for CCC, SCDC and HDC [RR-013] and [RR-048] and [RR-100]	<p>The users of the proposed footway on Toseland Road are expected to use the existing crossing facility currently on the existing A428. The volume of traffic along the existing A428 will be significantly lower when the new dual carriageway is open for traffic and safe gaps in traffic for crossing will be more frequent.</p> <p>The proposed footway along Toseland Road does not cater for cyclists and therefore transitions are not appropriate. It is expected that cyclists will use the carriageway along Toseland road owing to the low volumes of motorised traffic along the route.</p> <p>Signalised crossings will be provided where the shared footway/ cycleway crosses the slip roads at the proposed Cambridge Road junction.</p>	<p>There is a lack of crossing facility on the old A428 between Abbotsley Rd and the proposed footway/cycle track on Toseland Road.</p> <p>The proposed footway and bridge on Toseland Road needs to provide for all NMUs and allow for cyclists continuing north with a suitable transition from off to on road. The structures drawing for Toseland Road (contained in dco application 2-10 engg. sections part 3) clearly show cycleway provision and cycle parapet on bridge.</p> <p>Type and location of signalised crossing needs to be agreed.</p> <p>The proposed bridge on the B1046 should have provision for cyclists, pedestrians and equestrians to facilitate a future segregated route between the villages and St. Neots.</p>	Under Discussion	

Ref	Issue	Document Reference	National Highways Position	Cambridgeshire County Council (as Local Highways Authority) Position	Status	Date
			<p>The design of the B1046 is a replacement of the existing infrastructure. The existing infrastructure does not accommodate provision for walkers, cyclists and/or horse-riders and therefore it is not proposed in the design of the road or the overbridge.</p> <p>National Highways does not believe that any cycling provision along Toseland Road has been removed from the Application.</p>	<p>CCC considers a straight replacement of the existing infrastructure to be a missed opportunity to improve NMU provision.</p> <p>As set out in 9.26 Appendix C [REP3-041] the original intention was to provide a cycleway and footway on the bridge.</p>		

Appendix A Record of Engagement Tables

Table 2-1 – Records of Engagement - CCC

Date	Form of correspondence	Key topics discussed and key outcomes
29/03/2017	Letter	Non-intrusive ecological surveys.
07/07/2017	Meeting	A Technical Working Group meeting covering a broad scope of subjects was held with HE, HDC, BBC, CBC and CCC. HE outlined progress to date and sought input on technical areas. CCC advised the need for an early proactive asset management approach to the scheme following experience of the A14, CCC requested that an Assets Workstream be set up asap. CCC sought early sharing of design to facilitate meaningful input for PROW/NMUs. CCC provided a schema example to assist identification of asset issues. Issue of costs raised.
08/08/2017	Meeting	A meeting with the lead local flood authorities and internal drainage board for a discussion on flood risk
11/08/2017; 16/08/2017; 17/08/2017; and 08/09/2017	Email	Emails between HE and CCC following an initial planning data/information request made by HE for all future planned development (including residential, employment, retail etc) and future transport development plans within Cambridgeshire.
10/10/2017	Email	Email from CCC's Flood and Water Team asking whether any water level and/or wildlife surveys of the Hen Brook and whether the results can be shared with CCC and a local landowner.
29/01/2018	Email	Emails between HE and CCC to confirm attendees at the next TWG meeting. HE also requested CCC to advise on any preferences they may have regarding the photomontage viewpoints for the LVIA.
06/02/2018; 29 January 2018	Email	Emails between HE and CCC's Public Rights of Way contact regarding a meeting to discuss current plans for the scheme and impact on the rights of way network. It was agreed that a meeting would be held in March.
07/02/2018	Meeting	Meeting to introduce the programme for the Scheme and discuss the highways design, de-trunking, affected side roads and public rights of way.

Date	Form of correspondence	Key topics discussed and key outcomes
21/02/2018	Email	Email from HE with attached final Minutes for the meeting held on 29/01/2018 between AECOM, CCC, and National Highways. Also a reminder about CCC's request for there to be a governance structure in place for interaction between the A428 team and CCC, and an agreement to be in place between HE and CCC for the reimbursement of CCC costs.
15/03/2018	Meeting	Meeting to discuss the plans for public rights of way that are affected by the Scheme and non-motorised users' facilities. The role of National Highways' Designated Funds was also shared with the local authority. Request from CCC for an NMU link running alongside the new A428 to link St Neots with Caxton Gibbett. Grade-separated crossing at Eltisley BR6 requested to resolve severance caused by current trunk road.
23/04/2018	Meeting	Meeting with CCC's Public Health team and CPLS Mind on Suicide prevention measures for the A428 scheme.
05/06/2018	Email	Email from CCC to HE re having a central information point for the project and sharing an example of a message from residents about communication on the project being poor. Requested plan for going forward.
08/06/2018	Email	HE circulated minutes from the meeting on 23 April 2018 with CCC's Public Health to attendees.
09/08/2018	Email	Cultural Heritage - Initial email from HE introducing the scheme and requesting meeting.
10/08/2018	Email	Email from CCC confirming their attendance at the requested meeting on Tuesday 18 September 2018.
03/09/2018	Email	Cultural Heritage - Email from CCC to HE confirming room booking for the meeting on 18 September 2018.
18/09/2018	Meeting	Meeting with BBC and CCC to give an introduction to the Scheme and programme and approach to assessment of significance of heritage assets.
16/10/2021	Email	CCC Highways Asset Information Team Comments on A428 improvement scheme, Walkers Cyclists Horse Riders Access Routes (WCHAR) July 2020 Report.
16/10/2018	Email	Cultural Heritage - HE request quote from CCC to produce the required Written Scheme of Investigation (WSI) for the geophysical survey of the proposed route.

Date	Form of correspondence	Key topics discussed and key outcomes
18/10/2018	Email	Cultural Heritage - HE received information from CCC on their charging policy and council briefs, and quote for producing this.
06/11/2018	Email	Email from HE (Cultural Heritage) to CCC enquiring about progress with producing a brief for geophysical survey and confirming that a copy of the current red line boundary plans will be provided, plus accompanying information.
12/11/2018	Meeting	Meeting in relation to the role of Designated Funds and specific areas within the local authorities' area.
03/12/2018	Email	Email from HE (Cultural Heritage) to CCC asking if they can provide update on the geophysical WSI for the A428 scheme, following the email sent from AECOM to CCC on 06/11/2018 about the same matter.
10/12/2018	Email	Email from CCC to HE (Cultural Heritage) in response to the email from HE on 3 December 2018 apologising for delay and advising they will provide requested information that week.
13/12/2018	Email	Cultural Heritage - HE follow up geophysics brief from Councils.
03/01/2019	Email	Cultural Heritage - HE chased comments on geophysics WSI.
14/03/2019	Email	Cultural Heritage - HE sent information to councils on preferred route announcement and update on progress to geophysical survey.
15/03/2019	Email	Cultural Heritage - HE provided councils with link to plans/drawings.
25/03/2019	Email	WSI prepared by MHI for geophysical survey sent by HE to councils for review.
26/03/2019	Email.	CCC comments on WSI received, which were sent on behalf of all three Councils.
28/03/2019	Email	Cultural Heritage - HE response to some comments by CCC on WSI sent back.
10/04/2019	Email	Cultural Heritage - HE request made for additional data for small outlier compounds etc.
11/04/2019	Email	Cultural Heritage – HE received confirmation from CCC that proposed study area for compounds is acceptable.
12/04/2019	Email	Cultural Heritage – HE request for additional data.

Date	Form of correspondence	Key topics discussed and key outcomes
30/04/2019	Meeting	HE Cultural Heritage - meeting with BBC, CBC and CCC to provide an update following geophysical and aerial photography surveys. Discussion on trenching strategy and mitigation strategy also took place.
31/05/2019	Letter	Statutory Consultation Launch Communications.
06/06/2019	Email	Cultural Heritage - First draft of Phase 1 trenching layout sent to BBC, CBC, and CCC.
07/06/2019	Email	Cultural Heritage - CCC confirm they agree with email from CBC sent earlier in the day detailing some initial high-level comments on the proposed trenching plan.
10/06/2019	Meeting	Cultural Heritage - meeting with BBC and CCC to discuss trenching strategy and principles of it, as well as changes needed and a requirement for contingency. The approach and logistics of trench signoffs was discussed.
14/06/2019	Email	Cultural Heritage – minutes from meeting of 10/06/2019 sent out to BBC, CBC, and CCC.
24/06/2019	Email	Cultural Heritage – second draft of Phase 1 trench layout sent to BBC, CBC, and CCC.
22/07/2019	Email	Cultural Heritage – Links to reports from Wintringham Park provided by CCC.
22/07/2019	Email	Cultural Heritage – CCC provided comments on second draft of Phase 1 trenching layout
29/07/2019	Response to Statutory Consultation	Cambridgeshire Authorities Response to A428 July Consultation.
13/08/2019	Email	Cultural Heritage – CCC provided further comments on Phase 1 trenching.
19/08/2019	Email	Cultural Heritage – Email from HE to CCC stating that no further comments on Phase 1 trenching will be accepted.
21/08/2019	Email	Cultural Heritage – Questions from CCC regarding phase 2 geophysics areas and how they will be investigated, and reminder that brief is out of date.

Date	Form of correspondence	Key topics discussed and key outcomes
21/08/2019	Email	Cultural Heritage – Request for updated brief from HE. Confirmed that Phase 2 Geophysical Survey results will be targeted in Phase 2 of trenching.
02/10/2019	Meeting	Highways and Planning Technical Working Group.
08/10/2019	Meeting	Strategic Road Users Technical Working Group.
08/10/2019	Meeting	Walkers, Cyclists and Horse Riders Technical Working Group.
14/10/2019	Meeting	Economic and Benefits Technical Working Group.
17/10/2019	Meeting	An inaugural meeting was held with BBC, CCC, CBC and SCDC as part of the formation of the Flood Risk/ Water Management group, and covered the terms of reference for the working group, the lessons that could be learnt from the A14 and each authorities' areas watercourses and responsibilities. National Highways also gave an overview of the different types of hydraulic modelling of water course crossings and overland runoff for the three main technical notes to be generated (River Ouse Crossing, Bedfordshire Area and Cambridgeshire Area). The Environment Agency and the Bedford Group of Drainage Boards were also in attendance.
22/10/2019	Email	Cultural Heritage – Email from CCC asking about aerial photographic report and whether contractor on board for trenching.
22/10/2019	Email	Cultural Heritage – Information on status of aerial photography report sent by HE to councils. Responded to query about trenching contractor.
23/10/2019	Email	Cultural Heritage – Email from CCC asking about payment for their time.
28/10/2019	Email	Cultural Heritage – Update on charging for consultation time sent to councils by HE.
30/10/2019	Email	Email from CCC Archaeologist inviting HE to a meeting with CCC Archaeologists to discuss strategy for mile markers for the scheme.
08/11/2019	Phone call	Phone call with CCC to discuss traffic model sharing requirements. CCC requested access to model to understand impacts to CCC network. It was explained that HE would not provide full access but a cordon could be provided. A meeting was set up for 29 November 2019 to facilitate further discussion.
13/11/2019	Email	Cultural Heritage – Email to HE's Archaeologist regarding impacts on milestones from CCC.

Date	Form of correspondence	Key topics discussed and key outcomes
29/11/2019	Meeting	Meeting with CCC following the release of traffic modelling outputs as part of the statutory consultation to discuss traffic modelling that HE had and were undertaking, specifically, the extent of the model that can be supplied and to ensure it was appropriate for CCC's intended analysis.
29/11/2019	Email	Email to CCC Highways outlining scheme and listing the package of documents to be sent, with attached formal letter setting out details of the work packages as well as the B1046 and Potton Road Junction Technical Note (Package 1) for their approval. It was also asked whether CCC would like hard copies of the documents.
02/12/2019	Email	Email from CCC advising HE that the timescales identified in relation to the email on 29 November 2019 seem unrealistic without a signed Planning Performance Agreement (PPA) in place to cover costs associated with resource procurement to review the submission documents.
03/12/2019	Email	Email to CCC confirming that a cordon of Stage 3 A428 traffic model can be released to CCC as discussed at the meeting on 29 November 2019, and that the data should be available early/mid January 2020.
04/12/2019	Email	Email to attendees of traffic meeting with CCC on 29 November 2019 to share copy of minutes.
05/12/2019	Email	Cultural Heritage – list of tasks received from CCC that they will need to complete through to DCO submission to progress payment
09/12/2019	Meeting	Economic and Benefits Technical Working Group.
10/12/2019	Meeting	Strategic Road Users Technical Working Group.
11/12/2019	Meeting	Highways and Planning Technical Working Group.
12/12/2019	Email	Cultural Heritage – Email from CCC received stating they would not review the WSI until the new year.
13/12/2019	Email	Cultural Heritage – Phase 2 trenching plan sent to BBC, BCB, and CCC via file transfer.
16/12/2019	Meeting	Walkers, Cyclists and Horse Riders Technical Working Group.
18/12/2019	Email	Cultural Heritage – screenshot of slight amendments to Phase 2 trenches sent to BBC, CBC, and CCC by HE.
07/01/2020	Email	Cultural Heritage – WSI resent to CCC by HE.

Date	Form of correspondence	Key topics discussed and key outcomes
07/01/2020	Email	Cultural Heritage – CCC enquiry about aerial photograph report received.
09/01/2020	Email	Cultural Heritage – chased comments from CCC on Phase 1 WSI.
10/01/2020	Email	Cultural Heritage – comments on Phase 1 WSI received from CCC and BBC. Receipt of aerial photographs report.
15/01/2020	Email	Request by HE for historical flood event data for fluvial, pluvial, groundwater, sewer, snowmelt, reservoir and other artificial flood sources from CCC.
21/01/2020	Email	Cultural Heritage – comments received from CCC on aerial photographs report.
21/01/2020	Meeting	Economic and Benefits TWG workshop.
22/01/2020	Email	Cultural Heritage – HE queries sent back to CCC on aerial photographs report.
23/01/2020	Email	Cultural Heritage – further comments received from CCC on aerial photographs report.
24/01/2020	Email	Cultural Heritage – HE further comments received on Phase 1 WSI from CCC and BBC.
24/01/2020	Email	Cultural Heritage – Confirmation from CBC that comments on WSI will be addressed and asked for any other comments from CCC and BBC. Work will start on site 28 January 2020
24/01/2020	Email	Cultural Heritage – Request from CCC for digital data to be sent by HE to Historic Environment Record for geophysical survey and aerial photographs.
24/01/2020	Email	Cultural Heritage – Confirmation by CCC that Phase 1 WSI is accepted and works can commence.
25/02/2020	Meeting	Economic and Benefits Technical Working Group.
28/01/2020	Email	Cultural Heritage – HE email to BBC, CBC, and CCC confirming work has started and contingency can be accommodated as required. Informed curators of need for minor changes to Phase 1 trenches for safety reasons – information will be sent. Reminder that comments on Phase 2 trench layout were needed.

Date	Form of correspondence	Key topics discussed and key outcomes
28/01/2020	Email	Cultural Heritage – Email from CCC asking if the aerial photograph layer was available to inform comments.
28/01/2020	Email	Cultural Heritage – CBC email trying to determine what aerial photographs info they have.
28/01/2020	Email	Cultural Heritage – HE confirmed aerial photograph layer not yet available. Requested information from CBC.
17/02/2020	Email	Cultural Heritage – HE desk-based assessment sent to councils for information.
02/03/2020	Email	Cultural Heritage – HE geophysical survey reports sent to councils for comment.
03/03/2020	Meeting	Walkers, Cyclists and Horse Riders Technical Working Group.
05/03/2020	Meeting	Local Authorities Traffic Meeting (with BBC, CCC and CBC). The project team presented information on the Stage 3 Model, including the model network and area of detailed modelling. The traffic forecasting process was explained and presented to the local authorities as well as the Model Cordon Data.
08/03/2020	Email	Cultural Heritage – further information on costs received from CCC for monitoring.
09/03/2020	Email	Cultural Heritage – comments received from CCC on desk-based assessment.
11/03/2020	Email	Work packages issued to CCC Transport for: <ol style="list-style-type: none"> 4. B1046 and Potton Road Junction 5. Cambridge Road Junction 6. Toseland Road 7. B1040/Eltisley Junction 8. Caxton Gibbet Junction 9. Public Rights of Way.
11/03/2020	Briefing Note	This included: <ol style="list-style-type: none"> 1) General comments on Watercourse Overview Technical Note. 2) Hydrology – sensitivity testing, rainfall data and catchments. 3) Hydraulic modelling. 4) Flow controls.

Date	Form of correspondence	Key topics discussed and key outcomes
12/03/2020	Meeting	Further to the meeting on 17 October 2019 a second meeting was held for the Flood Risk/ Water Management Technical Working Group. In this meeting each local authorities' watercourse was reviewed and discussed and the terms of reference for the group were finalised and agreed. The Environment Agency and Bedford Group of Drainage Boards were also in attendance.
13/03/2020	Meeting	The project team met with the LAs to introduce ways of working within the draft PPA, review work packages issued and upcoming and reach understanding regarding the required level of commentary, review and input from CCC and Districts. HE gave an update on surveys and biodiversity net gain before splitting into separate technical discipline groups to discuss relative technical requirements more thoroughly.
14/04/2020	Meeting	Cultural Heritage – Teams meeting with BBC, CCC, and CBC over resourcing and Statements of Common Ground and how COVID-19 might impact archaeological investigation. An update was also provided on Phase 1 fieldwork and the archaeological potential and land access of various fields were discussed. Historic England were also in attendance.
14/04/2020	Email	Cultural Heritage – Details received from CCC regarding assessment of the medieval-post-medieval landscape.
17/04/2020	Email	Cultural Heritage – Email from CCC outlining Covid-19 requirements for site visits.
20/04/2020	Email	Cultural Heritage – Two further emails from CCC providing additional info on site visit requirements.
23/04/2020	Email	Cultural Heritage – WSI for Phase 2 trenching sent to councils for review.
23/04/2020	Email	Cultural Heritage – Comments received from CCC on Phase 2 WSI.
24/04/2020	Email	Cultural Heritage – Further comments received from CCC on Phase 2 WSI.
29/04/2020	Email	Cultural Heritage – comments on phase 2 trench plan. NB these had previously been agreed.
07/05/2020	Email	Cultural Heritage – Phase 3 geophysics and Phase 3 trench plan sent to BBC, CBC and CCC.
11/05/2020	Email	EWP1 Major Developments work package for SCDC and HDC issued to CCC.

Date	Form of correspondence	Key topics discussed and key outcomes
11/05/2020	Email	HE email to CCC containing the work packages for Major Developments – Future Baseline, Noise Officer Liaison, Archaeology WSI and ATT sign off and Public Health Information.
12/05/2020	Email	Cultural Heritage – Received information from CCC regarding phase 3 trench layout.
13/05/2020	Email	From CCC stating the requesting the Scheme programme and clarification regarding EWP1.
13/05/2020	Email	HE email to CCC containing clarification of EWP1.
14/05/2020	Email	Cultural Heritage – Further comments from CCC received regarding phase 3 trench layout.
19/05/2020	Email	Cultural Heritage – Copy of Phase 1 trenching report sent to BBC, CBC and CCC.
19/05/2020	Email	Cultural Heritage – Received comments from CCC on Phase 1 trenching report.
19/05/2020	Meeting	Traffic and Transport Meeting: LMVR and Modelling. In a Local Model Validation Report (LMVR) and modelling workshop with the local authorities the project team ran through an overview of the Stage 3 Model, including an overview of the base year model calibration and validation performance.
21/05/2020	Email	Cultural Heritage – Received further comments from CCC regarding Phase 3 trench layout.
21/05/2020	Meeting	Cultural Heritage Meeting: MOLA gave a presentation on the results of the Phase 1 trenching. Attendees were informed that it was possible that not all trenching results would be available with the submission of the DCO and could be submitted as an addendum.
21/05/2020	Email	Cultural Heritage – HE issued slides from meeting presentation to Historic England, BBC, CBC, and CCC.
09/06/2020	Email	Cultural Heritage – Received complaint from CCC that they have not had sufficient information to discuss mitigation or assess the scheme.
16/06/2020	Email	Cultural Heritage – Request from CCC for additional trenches in F65.
16/06/2020	Email	Cultural Heritage – Received complaint that the red line boundary was incorrect on plans CCC were using.

Date	Form of correspondence	Key topics discussed and key outcomes
23/06/2020	Email	Cultural Heritage – Phase 3 WSI sent to BBC, CBC, and CCC.
24/06/2020	Email	Cultural Heritage – Link for online consultation sent to BBC, CBC, and CCC.
24/06/2020	Letter	Supplementary Consultation Launch Communications.
25/06/2020	Meeting	A meeting with BBC, CCC, and CBC to discuss five sites that would be targeted early (F9, F34, F44, F59 and F97). These sites were all required for advanced construction activity, including compounds, statutory diversions and borrow pits. Concerns over furrows were raised by attendees and further specialist research was undertaken as a result. Historic England were also in attendance.
30/06/2020	Email	Ordinary Watercourse Modelling and Hydrology Reports issued to EA for CCC for review (EA leading).
02/07/2020	Email	Cultural Heritage – Comments on Phase 3 WSI received from CCC.
06/07/2020	Email	Cultural Heritage – Request sent to CCC for quote for package of works to review Scopes of Work for advance work.
07/07/2020	Email	Cultural Heritage – CCC provided response to email sent 6 July 2020 saying briefs cannot be produced until detailed results from Phase 1 are available. CCC also raised concerns regarding advance works in general.
14/07/2020	Email	CCC provided A428 Supplementary consultation Asset Management comments.
21/07/2020	Meeting	Traffic Forecasting Meeting held with BBC, CCC, and CBC to present the methodology adopted for the traffic forecasting and the results of the future forecasts to the local authorities.
28/07/2020	Email	WCHAR (Walking, Cycling, Horse-riding Assessment Review) Work package issued to CCC for review and comment.

Date	Form of correspondence	Key topics discussed and key outcomes
29/07/2020	Email	Work packages issued to CCC Transport for: 10. B1046 and Potton Road Junction 11. Cambridge Road Junction 12. Toseland Road 13. B1040/Eltisley Junction 14. Caxton Gibbet Junction 15. Public Rights of Way.
30/07/2020	Email	BBCEWP4 - Public Health issued to CCC.
30/07/2020	Email	EWP7 Archaeology WSI work package issued to CCC County Archaeologist.
31/07/2020	Email	Work package on Order Plans & Schedules issued to CCC.
12/08/2020	Email	Work packages issued to CCC Transport for: 16. B1046 and Potton Road Junction 17. Cambridge Road Junction 18. Toseland Road 19. B1040/Eltisley Junction 20. Caxton Gibbet Junction 21. Public Rights of Way.
12/08/2020	Email	Classification of Roads Plans work package issued to CCC Transport.
12/08/2020	Email	Work package issued to CCC Transport: De-trucking plans.
17/08/2020	Email	Cultural Heritage – Meeting notes for 25 June 2020 meeting sent to Historic England, BBC, CBC, and CCC.
19/08/2020	Email	CCC request for info regarding EWP3 Noise work package.
27/08/2020	Meeting	CCC Transport Assessment meeting to present a summary of the traffic impact and junction capacity modelling to be contained in the Transport Assessment (TA).
02/09/2020	Email	Email from HE to CCC attaching the sign off sheet from a site visit to Field 92 [site visit: 02/09/2020]. HE asks the council to review and sign.

Date	Form of correspondence	Key topics discussed and key outcomes
02/09/2020 – 03/09/2020	Emails	Email correspondence between HE and CCC on anomalies that have arisen during the review of 22 trenches that need signing off. Conclusions are that the transcription is showing an error.
02/09/2020	Meeting	LMVR Base Year Review Meeting.
03/09/2020	Meeting	A meeting was held with CCC, HDC, and SCDC to introduce the council Biodiversity team to the Scheme, this included a summary of the results of the surveys, a walkthrough of the environmental masterplan draft and a discussion of next steps.
08/09/2020	Email	South Eastern Regional Model work package issued to CCC.
09/09/2020	Meeting	Meeting with CCC, CBC, and HDC to provide update on the Scheme, Landscape and Visual Impact Assessment (LVIA), landscape design approach and next steps. In particular, matters covered included the preferred route, baseline information, key landscape effects, planting and mitigation, borrow pits, bridges, structures and river crossings, PRow, scope changes, study area update, surveys and viewpoints.
18/09/2020	Meeting	Cultural Heritage - Meeting with BBC, CCC, and CBC: MOLA presentation of Phase 2 trenching results.
22/09/2020	Email	Cultural Heritage – Slides of Phase 2 trenching presentation shared with HE, BBC, CBC, and CCC.
23/09/2020	Email	Cultural Heritage – Email to HE, BBC, CBC, and CCC sending current draft of the archaeological strategy document prepared by Christopher Evans in advance of the meeting on 24 September 2020.
24/09/2020	Meeting	Cultural Heritage meeting discussing the Draft Archaeology Rationale, Strategy and Mitigation. BBC, CBC, CCC advised that a brief would be needed for the scheme to set out local requirements. Comments on the Draft Rationale and Strategy would be sent once there was time for its review alongside the evaluation reports.
30/09/2020	Email	CCCEWP9 - Public Health work package issued to CCC Public Health Officer for review.
30/09/2020	Email	Water Courses work package issued to CCC Biodiversity/Drainage teams.
30/09/2020	Email	Cultural Heritage – Meeting minutes from the phase 2 trenching presentation shared with HE, BBC, CBC, and CCC.

Date	Form of correspondence	Key topics discussed and key outcomes
30/09/2020	Email	Cultural Heritage – Minutes of meeting on Draft Rationale, Strategy and Mitigation shared with HE, BBC, CBC, and CCC.
30/09/2020	Meeting	Biodiversity meeting covering a walkthrough of the Scheme, likely impacts and mitigation; opportunities for habitat creation; and management and monitoring requirements.
01/10/2020	Meeting	SCDC organised meeting to discuss contact of EWP2b.
02/10/2020	Email	Project management work package “MWP1” issued to CCC for review.
02/10/2020	Email	Cultural Heritage file transfer of updated Phase 1 and 2 trenching reports.
02/10/2020	Email	Email from HE to CCC in advance of formal issue of work package EWP2a for review. This included the ecological information collected by the Scheme and the wording of the work package for review.
09/10/2020	Email	EWP2a – Ecology work package issued to CCC addressing ecology gaps following feedback that work package was too broad.
15/10/2021	Email	CCC review of HE proposed archaeological mitigation areas sent. Evidence for change was based on available reports and HER reviews.
15/10/2020	Meeting	Work package meeting with CCC discussing the content of the work package EWP2a, it included the CCC required biodiversity reports instead of the GIS data which has been send and fully annotated biodiversity net gain maps before they could make a substantive comment.
16/10/2020	Meeting	Cultural Heritage – Meeting with HE, BBC, CBC, CCC, and MoLA to present results of Phase 3 trenching – presentation by MoLA. Discussion on evaluation also held.
20/10/2020	Email	Work package “Safety Audit” issued to CCC Transport for information purposes only.
21/10/2020	Email	HDC meeting to discuss requirements of the EWP2b wording.
23/10/2020	Email	Received response from CCC on Cambridge Road Junction Work Package (issued 11 March 2020) re: parts of the design, swept path diagrams still outstanding.
27/10/2020	File transfer	Cultural Heritage – Draft Phase 3 report sent to BBC, CBC, and CCC by file transfer.

Date	Form of correspondence	Key topics discussed and key outcomes
29/10/2020	Meeting	Cultural Heritage – Meeting with BBC, CCC, and CBC on Archaeological Mitigation (Review) covering comments on the rationale and strategy from BBC and CBC, and discussion of mitigation areas proposed.
30/10/2020	Email	Comments received from CCC on CCCEWP9 - Public Health work package.
30/10/2020	Email	Comments received from CCC, Highways Asset Information Team on Technical Note HE551495-ACM-GEN-A428_Z_Z_ZZ-TN-CH-0001.
03/11/2020	Email	Carbon work package “CCCEWP14” issued to CCC for review.
04/11/2020	Email	Cultural Heritage - CCC sent a table of sites and plans of mitigation areas to assist with SoCG.
05/11/2020	Email	Cultural Heritage – Response to curator comments on the Archaeological Mitigation Strategy sent to BBC, CBC, and CCC.
06/11/2020	Email	Cultural Heritage - CCC preferred excavation areas given again along with investigation technique advice.
10/11/2020	Email	Response received from CCC, including HDC and SCDC response to. EWP2a work package (biodiversity).
12/11/2020	Briefing	A meeting was held with local authorities to provide a briefing on the draft Development Consent Order to highlight the key articles and provide an overview of the requirements. An overview of the structure of the Environmental Management Plan and explanation of the role of local authorities in the post submission process (covering Adequacy of Consultation responses and Local Impact Reports) was also provided.
12/11/2020	Email	EWP2b – Landscaping work package re-issued to CCC Landscaping team.
13/11/2020	Email	Work package “CCCHWP7” issued to CCC Transport.
06/11/2020	Email	Work package CCCRFI 8 – Carbon Information, on this date the EWP14 Carbon issued.
06/11/2020	Email	CCC input on Rights of way and access plans work package received. Document advised where the proposals could be improved, and also commented where the wording was factually incorrect or additional clarification was needed.

Date	Form of correspondence	Key topics discussed and key outcomes
13/11/2020	Email	Existing Traffic Regulation Orders, work package titled "PART 7- Revocations & Variations of Existing Traffic Regulation Orders" issued to CCC Transport.
13/11/2020	Email	Swept Path drawings issued to CCC for review. CCC identified queries on some of the data and will issue for review w/c 16 November 2020.
13/11/2020	Meeting	Liaison with the HE Legacy team on cycling provisions.
17/11/2020	Email	"CCCTWP1 - Traffic Work Package" issued to CCC Transport.
20/11/2020	Email	"CCCTWP1 - Traffic Work Package", which was issued to CCC Transport on 17 November 2020, was rejected due to missing info. Information requested by CCC.
20/11/2020	Email	Swept path documents received.
20/11/2020	File transfer	Cultural Heritage – Revised phase 3 report shared with HE, BBC, CBC, and CCC via We Transfer and CCC file share.
25/11/2020	Email	Cultural Heritage – Email to CCC informing them that Phase 3 report was for info only. No further comments were expected.
25/11/2020	Meeting	Cultural Heritage meeting discussing the A428 evaluation reporting process.
25/11/2020	Email	Cultural Heritage – Received notification from CCC that they were preparing a brief for the Scheme, as had been recommended in a meeting on 24/09/2020
26/11/2020	Email	Cultural Heritage – Email from HE Archaeologist at CCC with list of sites HE believes we are in agreement with CCC about.
09/12/2020	Email	New work packages sent to CCC, response due 23/12/2020
11/12/2020	Email	Cultural Heritage - Joint Authorities' Archaeological Brief v1 issued to HE.
17/12/2020	Meeting	Cultural Heritage - Meeting with CCC on SOCGs.
17/12/2020	Email	CCC provided joint response on EWP2b Landscaping work package; the councils considered there to be significant gaps in info provided.
18/12/2020	Meeting	Meeting with CCC to cover response for highways work packages.

Date	Form of correspondence	Key topics discussed and key outcomes
18/12/2020	Email	CCC comments received on De-trunking plans work package.
TBC	Email	CCC response to supplementary consultation.
21/01/2021	Email	Cultural Heritage – Email to CCC notifying that the final Phase 1 report was for information only.
21/01/2021	Workshop	A meeting was held with CCC to discuss the details of the de-trunking, including, signage, white lining, lighting. HE operations update was also provided. It was agreed that a draft legal agreement on the terms of the de-trunking would be shared with the local authority in due course. Emails subsequently exchanged regarding amendments required to the de-trunking plans to be included in the draft Order.
22/01/2020	Email	Cultural Heritage – Email from CCC confirming that the previous email was understood (that Phase 1 report was for info only).
29/01/2021	Meeting	Meeting with BBC, CCC, and CBC to discuss impacts arising from construction and proposed traffic management measures. This included an outline of the construction management plan, local modelling (including details of junction assessments) and strategic modelling.
03/02/2021	Briefing	Meeting with BBC, CCC, and CBC, local authority officers - briefed on a Scheme walk through which included mainline alignment design and reason for changes, junction locations and designs, key structures, public rights of way proposals, borrow pits and key constraints and design considerations. The structure of the DCO application and the key documents within it were also covered. A recap was provided on the role of local authorities in the post submission period, as well as an update on the draft legal agreements.
05/02/2021	Meeting	Meeting with BBC, CCC, and CBC - the results of the sensitivity tests for the update of the Uncertainty Log were presented to the local authorities. This is reported in application document [TR010044/APP/7.9] - Sensitivity Test Utilising 2020 Uncertainty Log Data.
08/02/2021	Email	Email from HE to attendees of 'BC to CG scheme walk through & content of application briefing' attaching a link to the recording of the briefing.
11/02/2021	Meeting	Cultural Heritage – Meeting with CCC on SOCG.
12/02/2021	Email	Work Package 6 (Public Rights of Way) which was issued to CCC Transport, response to additional comments made by CCC were issued on this date.

Date	Form of correspondence	Key topics discussed and key outcomes
15/02/2021	Email	Cultural Heritage - CCC sent formal written response to Draft Rationale and Strategy previously only discussed in meetings. Advised the investigation strategy should be compliant with the Joint Authorities' Archaeological Brief.
15/02/2021	Email	Email from HE to attendees of 'Scheme walk through & content of application briefing' sharing an attached document listing actions noted from the meeting.
16/02/2021	Meeting	Cultural Heritage – Meeting with CCC on SOCG.
23/02/2021	Email	Email from HE to attendees of Borrow Pits meeting attaching the draft Borrow Pits Options Report, and sharing agenda for the forthcoming call.
24/02/2021	Email	Work package “CCCHWP15 LTN 1/20” issued to CCC Highways for review and comment.
24/02/2021	Email	Meeting minutes from CCC EWP2a meeting.
24/02/2021	Email	Meeting minutes from SCDC EWP2a meeting.
25/02/2021	Email	Meeting minutes from SCDC EWP2b meeting.
26/02/2021	Email	Meeting minutes from HDC EWP2b and responses to further questions regarding landscape.
02/03/2021	Meeting	Cultural Heritage – Meeting with CCC and MOLA to review A428 Archaeology.
13/03/2021	Meeting	Meeting between HE and CCC re: Work Packages.
22/03/2021	Meeting	Members Meeting.
24/03/2021	Meeting	Members Meeting.
26/03/2021	Email	CCC Transport comments received.
29/04/2021 and 07/05/2021	Email	Email from HE to CCC indicating the plan to recommence engagement and requesting names of technical specialists and availabilities.
07/05/2021	Email	Email from CCC to HE asking for direct contact between technical specialists from both sides and cc'ing lead officers.

Date	Form of correspondence	Key topics discussed and key outcomes
		CCC indicated preference for a joint response and that noise and vibration, air quality and environmental health areas are more a matter for the districts.
13/05/2021	Meeting	Local Technical Review Group meeting - HE responses to Statutory Consultation.
20/05/2021	Meeting	Local Technical Review Group meeting - Issues on Strategic Models.
06/05/2021	Meeting	Initial Local Technical Review Group meeting.
01/06/2021	Meeting	Cultural heritage update meeting with CCC covering introduction to the SoCG and cultural heritage impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 03/06/2021.
03/06/2021	Meeting	Climate update meeting with the Cambridgeshire authorities covering introduction to the SoCG and climate impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 04/06/2021.
03/06/2021	Meeting	Biodiversity update meeting with the Cambridgeshire authorities covering introduction to the SoCG and biodiversity impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 08/06/2021.
07/06/2021	Email	Email from CCC to HE asking why CCC were not represented at the Climate update meeting (03 June 2021).
07/06/2021	Email	Email from HE to CCC indicating that the climate representative had accepted the meeting invitation prior to the meeting date and then declined the morning of the meeting.
10/06/2021	Meeting	Local Technical Review Group meeting - Development of Local Models.
15/06/2021	Meeting	Air quality and Noise and vibration update meeting with the Cambridgeshire authorities covering introduction to the SoCG and air quality impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 17/06/2021.
15/06/2021	Email	Email to attendees of 'Outline Construction Traffic Management Plan Meeting' attaching minutes from the meeting and sharing potential future meeting dates, asking for availability.
16/06/2021	Meeting	Road drainage and water environment update meeting with CCC covering introduction to the SoCG and road drainage and water environment impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 21/06/2021.

Date	Form of correspondence	Key topics discussed and key outcomes
June 2021	Joint letter	Joint letter from the Cambridgeshire authorities to National Highways containing Relevant Representations (via the Planning Inspectorate).
21/06/2021	Meeting	Members Meeting - Construction Impacts on Traffic.
23/06/2021	Email	Email from HE to the Cambridgeshire authorities requesting availabilities for a Landscape and visual SOCG meeting. No response received.
24/06/2021	Email	Email from HE to CCC Archaeologist sharing two documents with plans showing the areas discussed for excavation as part of the A428 improvement, which HE propose as advance works, alongside a brief narrative that presents the text, area, impacts on the sites.
30/06/2021	Meeting	Cultural Heritage - SoCG meeting with CCC to discuss current positions. Meeting minutes were circulated following the meeting on 08/07/2021.
01/07/2021	Meeting	Material assets and waste update meeting with CCC, BBC and CBC covering introduction to the SoCG and material assets and waste impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 08/07/2021.
02/07/2021	Email	Email from HE (legal) responding to CCC's query on proposed SuDS. Screenshots and annotations of anticipated locations of SuDS were included. Confirmation of the SuDS forming part of the highway drainage which CCC would be responsible for maintaining as local highway authority was explained and illustrated.
02/07/2021	Email	Email from CCC to HE containing a log of key biodiversity issues.
05/07/2021	Email	Email from CCC to HE containing the archaeological sites that CCC considers should be included within the Archaeological Mitigation Strategy, and other archaeological matters for consideration within the SOCG.
06/07/2021	Meeting	Meeting with CCC, HDC and SCDC - Biodiversity SOCG with the Cambridgeshire authorities meeting to discuss current positions. Meeting minutes were circulated following the meeting on 13/07/2021.
06/07/2021	Email	Email from HE to CCC, HDC and SCDC - Air Quality and Noise and Vibration note providing further information on the impacts and effects at Eltisley and St Neots.
08/07/2021	Meeting	Meeting with CCC, HDC and SCDC - Climate SOCG meeting with the Cambridgeshire authorities to discuss current positions. Relevant

Date	Form of correspondence	Key topics discussed and key outcomes
		representations also discussed. Meeting minutes were circulated following the meeting on 19/07/2021.
09/07/2021	Email	Email from CCC with suggested edits to the Cultural Heritage SOCGs meeting minutes and the council's advice on Early Entry sites.
15/07/2021	Meeting	Meeting with CCC, HDC and SCDC – HE gave a demonstration of the operational noise model to the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 21/07/2021.
21/07/2021	Email	CCC shared latest issues log with HE – 70 items.
29/07/2021	Meeting	Meeting with CCC, HDC and SCDC - HE gave a demonstration of the construction noise model to the Cambridgeshire authorities.
28/07/2021	Email	Email to CCC Archaeologist regarding agreed costs for CHETS and confirmation that letters are going out to the landowner of areas F64 and F65, then the landowner of F58 and F62. Asked CCC if they are content for HE to progress the CHET payment prior to landowner responses, and what planning issues they wanted HE to pick up.
28/07/2021	Email	Email to CCC, HDC and SCDC attaching draft presentation slides ahead of construction noise modelling meeting the next day with Cambridgeshire authorities.
29/07/2021	Meeting	Meeting with CCC, HDC and SCDC - HE gave a demonstration of the construction noise model to the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 12/08/2021.
29/07/2021	Email	Email to CCC Archaeology team attaching document detailing HE comments on the Joint Council Brief and proposed amendments. Confirmation of meeting on 12 August 2021.
30/07/2021	Email	Email invitation for follow up meeting regarding HE's commitment to undertake a review of possibility to reposition the southern dumbbell roundabout at the Eltisley Link in a more westerly position. Suggested dates and times sent to recipients.
30/07/2021	Email	Email from CCC councillor confirming he can make all suggested dates/times for the meeting regarding the potential reposition of the southern dumbbell roundabout at Eltisley Link.
30/07/2021	Email	Email to CCC regarding the DCO Combined Issues Log received on 23 July asking for the Council's public health concerns ahead of the forthcoming meeting on 17 August 2021 to ensure an efficient meeting.

Date	Form of correspondence	Key topics discussed and key outcomes
30/07/2021	Email	Email from CCC advising that the issue logs have been provided previously before the re-issue on 23 July 2021 and that they are clear on the areas for discussion but if HE can highlight what is not clear then they can assist. CCC also querying areas within the Statement of Common Ground subject to agreement.
30/07/2021	Email	Email to CCC, HDC and SCDC confirming HE will look through previously issued logs and SOCGs and prepare the population and human health presentation, and that an agenda will be circulated before the meeting on 17 August 2021.
30/07/2021	Email	Email from CCC confirming they will check the views of the County's Public Health lead ahead of meeting on 17 August 2021.
30/07/2021	Email	Email from HE attaching presentation slides and agenda ahead of the air quality and noise and vibration SOCG meeting with Cambridgeshire authorities on Tuesday 3 August 2021.
30/07/2021	Email	Email from HE attaching the agenda for the Landscape and Visual effects SOCG meeting on 4 August 2021 to the Cambridgeshire authorities.
30/07/2021	Email	Email from HE to CCC, HDC and SCDC sharing the location of the recoding for the construction noise modelling meeting that occurred on 29 July 2021.
02/08/2021	Email	Email from HE attaching minutes from 4 th LTRG meeting focused on development of local junction models as well as Technical Note 27 which sets out the approach taken to assess the impact of the Scheme.
02/08/2021	Email	Email to CCC attaching a response to their archaeologist's comments on the AMS as well as the methodology used at Cataractonium Roman town scheduled monument on the A1 including pressure testing information for retention of archaeology under road embankment.
03/08/2021	Meeting	Meeting with CCC, HDC and SCDC – Air quality and Noise and vibration SOCG meeting to discuss current positions. Meeting minutes were circulated following the meeting on 10/08/2021.
03/08/2021	Email	Email from CCC ahead of the next meeting on 12 August 2021 attaching their comments to facilitate discussions on viewpoints.
03/08/2021	Email	Email from HE attaching presentation slides from the Air Quality and Noise and Vibration SOCG meeting earlier that day, and note that minutes will be circulated on either Friday or Monday.

Date	Form of correspondence	Key topics discussed and key outcomes
04/08/2021	Meeting	Meeting with CCC, HDC and SCDC – Landscape and Visual effects SOCG meeting to discuss current positions. Meeting minutes were circulated following the meeting on 12/08/2021.
04/08/2021	Email	Email from HE to CCC responding to their request for further information on Junction Models. Provided required information on Vissim and Other software based junction models.
04/08/2021	Email	Email from CCC Transport to HE regarding HE's final position on junction models. CCC is disappointed there has not been an agreement reached. Having raised the question some time ago, CCC now have no time to carry out required work before Examination deadlines and will need to represent on that basis. CCC's understanding is that if they do this analysis without sight of the information that HE is withholding, that there may be a different conclusion reached, which would be more difficult for everyone. CCC caution that doing the work twice is not an effective use of public money but note HE's position is clear and they will need to consider what we do now so that the Council is able to understand fully and agree the impact on their local road network. CCC considers its request to be reasonable and within the normal 'industry standard' process for transport modelling.
04/08/2021	Email	Email from HE to attendees of Landscape and Visual SOCG meeting earlier that day including CCC, HDC and SCDC. The presentation slides were shared. Note that minutes will be circulated next week.
06/08/2021	Email	Email from HE to attendees of SOCG Landscape and Visual update meeting on Wednesday confirming they identified an issue within Table L-4 of Annex L [APP-234] regarding planting mix. Sent correct table.
06/08/2021	Emails	Email from CCC in response to the notification of an error around planting mix asking for the correction(s) to be highlighted for ease of reference. Response from HE showing highlighted corrections.
06/08/2021	Email	Email from HE attaching an unredacted version of the Schedule of Mitigation for the A428.
10/08/2021	Email	Email from HE to CCC attaching response to all 70 issues enlisted in their issues log shared on 21 July 2021, plus further information/model outputs referred to in responses.
10/08/2021	Email	Email from HE attaching meeting minutes and presentation slides from the air quality and noise and vibration SOCG meeting last week with Cambridgeshire authorities.
10/08/2021	Meeting	Meeting on A428 & Eltisley.

Date	Form of correspondence	Key topics discussed and key outcomes
11/08/2021	Meeting	Meeting with CCC to discuss statements of common ground.
11/08/2021	Email	Email from HE to Senior Technical Review Group (STRG) sharing discussion papers in advance of the inaugural STRG meeting to be held on Friday.
12/08/2021	Email	Email from HE attaching meeting minutes and presentation slides from the construction noise modelling meeting on 29 July 2021 with the Cambridgeshire authorities.
12/08/2021	Meeting	JAAB (Joint Archaeological Advisors Brief) meeting with CCC and CBC to discuss outstanding questions about the "Cambridgeshire / Bedfordshire Brief for a Programme of Archaeological Investigation" for the A428.
12/08/2021	Email	Email sent on behalf of SCDC, CCC, and HDC expressing concern about Senior Technical Review Group meeting on 13 August 2021 because the technical leads for the three authorities have not previously been invited to attend. Asked HE for their advice on how to proceed.
12/08/2021	Emails	Various emails between HE and CCC around trying to reach the relevant technical experts to attend the STRG meeting on 13 August 2021.
12/08/2021	Meeting	Meeting with CCC Archaeologist regarding Archaeological Advanced works in Cambridgeshire and follow up email stating that HE have written to the landowners and agents stating their aspiration to start early with a request to get an early agreement. The hope is to commence F58 in Spring (starting May 2022) and F64-5 in July.
12/08/2021	Email	Email from CCC Archaeologist sharing the updated archaeology brief following discussion earlier in the day
12/08/2021	Email	Email from HE sharing meeting minutes from the landscape and visual effects SOCG meeting last week along with the presentation slides.
12/08/2021	Emails	Email from CCC Archaeologist praising Annex D: The Medieval Landscape of the A428 The Medieval Landscape of the A428: A Review of the Documentary and Archaeological Evidence for the area within the road corridor and asking for author name to include it as a source. Response from CCC confirming author and background.
12/08/2021	Meeting / Email	Flooding SOCG meeting cancelled by CCC. National Highways sent CCC an email asking for availability of officers to rearrange the meeting. No response received.

Date	Form of correspondence	Key topics discussed and key outcomes
13/08/2021	Email	Email from HE sharing presentation slides ahead of the population and human health issues discussion on 17 August 2021.
13/08/2021	Meeting	Meeting between HE and Cambridgeshire authorities (CCC, HDC and SCDC), BBC, CBC on borrow pits and the additional information provided in the Borrow Pit Technical Note. Meeting minutes were provided following the meeting on 23/08/2021.
16/08/2021	Email	Email from HE advising the A428 Biodiversity Issues discussion with Cambridgeshire authorities will be postponed until 14 September 2021 to ensure a full response to the biodiversity issues logs and to allow time for officer review before the meeting.
16/08/2021	Email	Email from National Highways to CCC, HDC and SCDC noting that the Biodiversity issues meeting scheduled for w/c 16 August 2021 will be postponed to 14 September 2021, to give time for a thorough review of the issues log to be reviewed and provided back to the Cambridgeshire authorities in good time ahead of the meeting.
17/08/2021	Email	Email from CCC Transport asking when they will receive data in support of TN73 as discussed in meeting on 11 August 2021.
17/08/2021	Meeting	Meeting with CCC, HDC and SCDC – Population and human health issues discussion the with the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 20/08/2021.
17/08/2021	Email	Email from HE following meeting on A428 population and human health issues thanking attendees for their time and attaching notes taken in meeting.
17/08/2021	Email	Email from HE re: Traffic Modelling and Impacts confirming they have uploaded excel files comparing various models, and provided a link to them. Also attached was an updated Technical Note (TN81).
18/08/2021	Email	Email from HE regarding DCO and Legal Agreement Discussion, seeking CCC's comments on the draft side agreement sent on 11 June 2021, as well as what specific elements they would like to discuss at forthcoming meeting on 23 August 2021.
18/08/2021	Email	Email from CCC re. DCO and Legal Agreement Discussion asking HE's preference for meeting structure; specifically whether they would like to go through the detailed draft, the draft DCO, or points of principle.
18/08/2021	Email	Email from HE following a meeting the previous week to discuss the SoCGs, attaching the requested Technical Note on assessing the potential impacts of Covid-19.

Date	Form of correspondence	Key topics discussed and key outcomes
18/08/2021	Email	Email from HE attaching meeting minutes for design sessions held on 5 and 6 August 2021 including a list of actions and a copy of the presentation. HE confirmed they are working on developing a draft Interface control document with proposals around information management and recorded key contacts and responsibilities for the various topic areas to be discussed going forward. HE will submit a draft for review and set up a call to finalise an initial way forward.
19/08/2021	Email	Email from CCC asking HE's position on how the 'side agreement' and the discussion on Highways, standards etc is to be drawn into the draft DCO and the Examination
19/08/2021	Email	Email from HE to CCC confirming that it is not intended that the Side Agreement is drawn into the draft DCO but that this will need to be formally confirmed by HE.
19/08/2021	Email	Email from HE to CCC re: updated JAAB stating that aside from two points, they view the changes as acceptable. Outlined two points of disagreement.
20/08/2021	Email	Email from HE to CCC re: DCO and Legal Agreement Discussion stating preference to discuss each of the Council's requests for the dDCO so that they can understand what risks the Council is seeking to avoid or limit by the amendment or inclusion. Detailed response on various matters relating to the dDCO.
20/08/2021	Email	Email from HE attaching minutes following the A428 population and human health issues discussion on 17 August 2021.
23/08/2021	Email	Email from HE requesting a PDF version of the updated JAAB, noting they will get this attached to the next iteration of the AMS.
23/08/2021	Email	Email from HE to all members of the Central and Eastern Area Community Forum (includes CCC meeting on 05 August 2021, attaching minutes and slides from the meeting.
23/08/2021	Email	Email from CCC Archaeologist attaching JAAB 1.1 PDF document.
23/08/2021	Email	Email to CCC, HDC and SCDC regarding Planning Inspector's hearing action point 7 (requiring a position statement between National Highways, Natural England and the local authorities on HRA matters and mitigation). Request that CCC, HDC and SCDC provide input by Friday 27 August 2021.
26/08/2021	Email / file transfer	The position statement between HE, Natural England and the local authorities on HRA and mitigation matters was shared with CCC, HDC and SCDC for input and a copy of the meeting recording between HE

Date	Form of correspondence	Key topics discussed and key outcomes
		and Natural England (from 23 August 2021) was shared by file transfer and via MS Teams.
235/08/2021	Email	Email from HE following the Central and Eastern Area Community Forum meeting on 5 August 2021, attaching minutes and slides from the meeting.
23/08/2021	Email	Email from CCC requesting HE update their contact for Ecology for SCDC and HDC, providing info of new contact.
25/08/2021	Email	Email from HE attaching minutes from the Archaeology meeting held on 12 July 2021.
25/08/2021	Email	Email from HE following meeting on 11 August to discuss SOCGs. Asked if there are any outstanding modelling related questions.
26/08/2021	Email	Email From HE regarding Position Statement on HRA matters and mitigation, requesting that authorities complete their positions in the attached table by 27 August 2021 if possible.
26/08/2021	Emails	Clarification email from CCC regarding the Position Statement on HRA matters and mitigation, stating they received it on 26 August and not 25th August 2021 as drafted on the statement. Response from HE confirming it has been amended to reflect.
26/08/2021	Email	Email from HE confirming Natural England's position on HRA matters and mitigation.
26/08/2021	Email	Further emails with CCC on hearing action point 7, providing update on dialogue between HE and Natural England and the work completed so far. Reminder for CCC to complete their position statement by 27 August 2021. Response from CCC confirming receipt of Position Statement but noting the date was incorrect. Further response from project team confirming master version has been amended to show correct date.
26/08/2021	Email	Email to CCC attaching minutes from meeting regarding JAAB on 12 August 2021.
26/08/21	Email	Email from CCC regarding areas to be agreed for mitigation, asking project team's preference on proceeding, and outlining recommendation to adopt SMS strategy in areas between the sites in BP3.
27/08/2021	Emails	Email from CCC, HDC and SCDC attaching response to Position Statement on HRA matters and mitigation. Response from HE confirming receipt and advising they resent the meeting recording

Date	Form of correspondence	Key topics discussed and key outcomes
		yesterday but the meeting minutes are still with Natural England for review/approval so cannot be shared yet.
31/08/2021	Email	Email from HE sharing attached final minutes from the Natural England meeting on 23 August 2021.
31/08/2021	Email	Emails with CCC Transport Strategy and Network Management arranging to a meeting w/b 13 September 2021 to discuss any outstanding modelling related questions or queries.
06/09/2021	Email	Email from National Highways to CCC, HDC and SCDC detailing responses to the biodiversity issues log ahead of the meeting on 14 September 2021.
09/09/2021	Email	Email from National Highways to CCC, HDC and SCDC detailing the agenda for the biodiversity issues meeting on 14 September 2021.
14/09/2021	Meeting	Meeting with CCC, HDC and SCDC – Biodiversity issues discussion with the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 17 September 2021.
17/09/2021	Meeting	Email from National Highways to CCC, HDC and SCDC circulating the meeting minutes and presentation slides from the biodiversity issues meeting on 14 September 2021.
30/09/2021	Meeting	Meeting with CCC, HDC, SCDC, BBC and CBC in response to Action 2 from the Issue Specific Hearing 3 (24 th September 2021). Biodiversity issues discussion on drainage ponds and planting arrangement. Meeting minutes were circulated on 04/10/2021.
04/10/2021	Email	Position Statement detailing matters related to design principles and planting at attenuation basins circulated to CCC, other host authorities and Natural England for input at Deadline 3 of the Examination.

Table 3-7 – Records of Engagement – HDC

Records of Engagement under development.

Date	Form of correspondence	Key topics discussed and key outcomes
29/03/2017	Letter	Letter to HDC regarding non-intrusive ecological surveys.

Date	Form of correspondence	Key topics discussed and key outcomes
11/08/2017	Email	Email from HE to HDC requesting contact details for relevant departments of Council for sending information requests regarding the scheme to.
16/08/2017	Email	Email from HDC planning department providing contact details for two planning officers they recommend HE contact in relation to the A428 scheme.
08/09/2017	Email	Email from HE to HDC planning officers requesting information on all future planning development within the Huntingdonshire district ideally in the form of a spreadsheet showing live applications, allocations, etc.
19/12/2017	Email	Email exchange between a HDC Councillor and HE regarding construction timescale concerns.
21/12/2017	Email	Email from HE to attendees of last A428 meeting attaching minutes and map discussed for plotting photo montage viewpoints.
04/01/2018	Email	Email from HE to TWG members regarding access for their access to AECOM's Projectwise system to enable file data sharing for substantial file sizes. HE ask for one person's contact detail per Local Authority.
26/01/2018 – 31/01/2018	Email	Various emails between HE and HC regarding request for input from HDC on proposed locations for photomontage viewpoints in the LVIA.
12/03/2018	Email	Email from HDC Landscape Officer asking when further information on viewpoints will be provided and raising concern over timescales for response. Response from HE team confirming communications will be provided within next couple of weeks, and meetings will be set up with Councils to discuss approaches.
19/03/2018	Email	Email from HE to nominated representatives of the Technical Working Group for HE's A428 scheme regarding enquiry about best points of contact for a meeting to discuss suicide prevention in the Huntingdonshire area.
03/04/2018	Email	Liaison with HDC Community Resilience manager regarding suicide prevention measures and 'at risk' groups in the St Neots area.
12/04/2018	Email	Emails between HE and HDC regarding who at HDC is best placed to be have access to AECOM's Projectwise system for file sharing. HDC ask what Projectwise is and HE explain.

Date	Form of correspondence	Key topics discussed and key outcomes
16/04/2018 – 20/04/2018	Email	Email from HDC Landscape Officer chasing HE’s Landscape team for updates following lack of provision of information as agreed. Response from HE Landscape confirming they now have a proposed list of viewpoints and will suggest a meeting soon.
25/04/2018	Email	Email from HE announcing two meetings in May/June for affected parish councils for HE to report on progress with traffic modelling and ongoing environmental baseline surveys.
10/05/2018	Email	Three draft drawings depicting Representative Viewpoints for LVIA shared with HDC by HE.
14/05/2018	Email	Email from HDC Landscape Officer to HE advising their response will be late (w/c 09/06/2018) due to annual leave.
16/05/2018	Email	Emails between HE and HDC regarding clarification of HDC Councillor contact details after email invitations to Councillors failed to send.
21/05/2018	Email	Emails between HDC and HE regarding attendance issues for the A428 meeting on 23/08/2021 which clashes with an annual meeting for HDC which all Councillors are required to attend. HE response provides alternative meeting dates for Councillors.
23/05/2018	Email	Email from HE to HDC Councillors inviting them to a progress update meeting on the scheme for ward councillors only with agenda included.
05/06/2018	Meeting	A428 progress update meeting for Parish Councils at Wyboston Village Hall 17:30 – 19:30.
13/06/2018 – 15/06/2018	Email	HDC Landscape provide response to LVIA viewpoints shared on 16/05/2018 and states they are acceptable, but recommends additional viewpoints and asks questions around methodology, gradient of road and lighting. Response from HE advising about future meetings with all landscape officers to discuss the LVIA Key viewpoints along with the wider aspects of LVIA for the Scheme.
15/06/2018	Email	Request from HDC for drawings of ward boundary changes following election.
26/06/2018	Email	Email from HDC landscape officer confirming availability for meeting between all landscape officers and HE.
03/07/2018	Meeting	Meeting with BBC, CBC, HDC, and SCDC. A presentation was given on the Landscape visual impact assessment (LVIA) viewpoints to landscape officers. The ongoing nature of consultation

Date	Form of correspondence	Key topics discussed and key outcomes
		was discussed, and National Highways invited further thoughts on the initial viewpoint selections for LVIA photomontages, so that they could brief surveyors in August 2018.
03/07/2018	Email	Email further to LVIA viewpoints meeting earlier in the day.
13/08/2018	Email	Email from HE to HDC Arboricultural Officer informing them of the identification of zigzag elm sawfly during ecological surveys. Email response from HDC asking where the siting was. Response from HE attaching annotated figure to illustrate locations.
20/08/2018	Email	Email from HE to HDC planning, attaching a spreadsheet of planning data that AECOM have collected for the district from publicly available information, requesting HDC planning's review of certain aspects by 29/08/2018.
24/08/2018	Email	Email from HDC Planning confirming they have reviewed the spreadsheet of planning data sent to them on 20/08/2018 and have highlighted changes.
24/08/2018	Email	Email from HDC Development Services sharing comments on highway schemes in the district that they have knowledge of, and passing on details of County Council highways team.
TBC	Email	Correspondence to inform HDC that a programme of ground investigations and surveys will be carried out along the Scheme route.
01/02/2019	Email	Email to HDC requesting whether HE can leave consultation/scheme information documents (comprising 200 hardcopy booklets) on deposit at Pathfinder House HQ in Huntingdon and Priory Centre offices in St. Neots.
04/02/2019	Email	Email from HE to HDC requesting feedback on early draft of Statement of Community Consultation (SoCC), inviting comments by 18/02/2019.
13/02/2019	Email	Further email to HDC regarding request to deposit consultation/scheme information documents at Pathfinder House HQ in Huntingdon and Priory Centre offices in St. Neots
18/02/2019	Email and phone call	Further email to HDC regarding request to deposit consultation/scheme information documents at Pathfinder House HQ in Huntingdon and Priory Centre offices in St. Neots, following a phone call to HDC customer services team about the same earlier in the day.

Date	Form of correspondence	Key topics discussed and key outcomes
20/02/2019	Email	Comments from HDC regarding the draft Statement of Community Consultation.
12/03/2019	Email	Email from HE to HDC to formally consult on updated SoCC, inviting comments before 10/04/2019.
15/03/2019	Email	Information from HDC regarding potential hard to reach groups in the area.
03/04/2019	Email	Further comments from HDC regarding the updated Statement of Community Consultation.
31/05/2019	Letter	Statutory Consultation Launch Communications.
26/07/2019	Response to Statutory Consultation	Cambridgeshire Authorities joint response, including Cambridgeshire and Peterborough Combined Authority, Cambridge City Council, CCC, Greater Cambridge Partnership, HDC, and SCDC.
26/07/2019	Response to Statutory Consultation	Response from HDC Executive Leader; to be read alongside the Cambridgeshire Authorities joint response.
23/09/2020	Email	Response from HDC to EWP2b (landscaping).
02/10/2019	Meeting	Highways and Planning Technical Working Group.
08/10/2019	Meeting	Strategic Road Users Technical Working Group.
08/10/2019	Meeting	Walkers, Cyclists and Horse Riders Technical Working Group.
14/10/2019	Meeting	Economic and Benefits Technical Working Group.
16/10/2019	Email	Confirmation from HDC that a USB stick holding digital statutory consultation information can be held at the council offices.
09/12/2019	Meeting	Economic and Benefits Technical Working Group.
10/12/2019	Meeting	Strategic Road Users Technical Working Group.
11/12/2019	Meeting	Highways and Planning Technical Working Group.
16/12/2019	Meeting	Walkers, Cyclists and Horse Riders Technical Working Group.

Date	Form of correspondence	Key topics discussed and key outcomes
14/01/2020	Email	Confirmation that HDC would be happy to be party to a Planning Performance Agreement as part of existing discussions between CCC and HE.
21/01/2020	Meeting	Economic and Benefits Technical Working Group.
22/01/2020	Email	Request for information from HDC required to complete uncertainty log.
17/02/2020	Email	Request for information from HDC regarding new major developments that should be included in list of developments for cumulative assessment.
25/02/2020	Meeting	Economic and Benefits Technical Working Group.
03/03/2020	Meeting	Walkers, Cyclists and Horse Riders Technical Working Group.
05/03/2020	Meeting	Local Authorities Traffic Meeting.
13/03/2020	Meeting	Meeting with CCC, HDC, and SCDC to introduce ways of working within the draft PPA, review work packages issued and upcoming and reach understanding regarding the required level of commentary, review and input from Cambridgeshire and the Districts. HE gave an update on surveys and biodiversity net gain before splitting into separate technical discipline groups to discuss relative technical requirements more thoroughly.
11/05/2020	Email	Work package "EWP1 Major Developments" issued to HDC Senior Planning Officers for their input.
03/06/2020	Email	Email from SCDC to HE, HDC and CCC attaching the council's key issues log.
17/06/2020	Email	Request for information from HDC regarding new major developments that should be included in updates to list of developments for cumulative assessment.
24/06/2020	Letter	Supplementary Consultation Launch Communications.
02/07/2020	Email	Email from CCC to HE, HDC and SCDC attaching the councils biodiversity response to the DCO documents and a commitment to send National Highways an issues log to accompany the document.
05/07/2020	Email	Email from CCC to HE attaching the councils agreed and not agreed sites document.

Date	Form of correspondence	Key topics discussed and key outcomes
05/07/2020	Email	Email from CCC to HE attaching a table of the archaeological areas that the council would like included within the Archaeological Mitigation Strategy. Also attached was the councils review of the strategy document.
06/07/2020	Email	Email from CCC to HE asking National Highways to issue a technical note covering extent and scope of the biodiversity surveys and the relationship of these surveys with the DCO application.
07/07/2020	Email	Email from HDC to HE attaching the points for discussion from HDC regarding the A428 DCO and explained there may be more point to be added and this list can be updated.
13/07/2020	Email	Email from SCDC to HE, HDC and CCC outlining the key areas of concern covering noise, vibration, dust and lighting that the council would like to see covered in the next meeting.
13/07/2020	Email	Email from HDC to HE, SCDC and CCC agreeing with SCDC list of concerns. HDC outlines their key areas of concern covering noise, vibration, dust and lighting.
30/07/2020	Response to Supplementary Consultation	Cambridgeshire Authorities joint response, including Cambridgeshire and Peterborough Combined Authority, Cambridge City Council, CCC, Greater Cambridge Partnership, HDC, and SCDC.
17/08/2020	Email	Email from HE to CCC, BBC and CBC attaching the notes from the meeting held of 25 June 2020.
25/08/2020	Email	<p>Email from CCC to HE, BBC and CBC explaining following receipt of the notes made in the meeting held on 25 June 2020, the council does not recall the need to provide a revised brief. The council explains they have not received firm plans for F59 and therefore cannot specify an area in a brief.</p> <p>The council explained they are obliged to respond to the consultation plan but advise no such division of Wintringham Park Site, 3 as proposed for the A428, should occur.</p>
03/09/2020	Meeting	Meeting with HDC and SCDC to review environmental work package progress.

Date	Form of correspondence	Key topics discussed and key outcomes
03/09/2020	Meeting	A meeting was held with CCC, HDC, and SCDC to introduce the council Biodiversity team to the Scheme, this included a summary of the results of the surveys, a walk-through of the environmental masterplan draft and a discussion of next steps.
09/09/2020	Meeting	A meeting was held with CCC, CBC and HDC to provide an update on the Scheme's LVIA. Specifically, the meeting covered: Scheme overview, the preferred route, baseline information, key landscape effects, planting and mitigation, borrow pits, bridges, structures and river crossings, PRow, scope changes, study area update, surveys and viewpoints.
18/09/2020	Meeting	PPA Review Cambridgeshire & Districts with HE.
22/09/2020	Email	Email from HE to CCC, CBC and BBC attaching the Phase 1 and Phase 2 Archaeology Presentation.
22/09/2020	Meeting	A meeting was held with HDC and SCDC with one ecologist representing the districts, regarding work package EWP2a. Work package EWP2a covered the Environmental Masterplan and was specific to biodiversity on the Scheme. The local authority had an opportunity to ask questions about the contents of work package EWP2a and proposed outputs requested in the work package.
23/09/2020	Email	Email from HE to CBC, BBC and CCC attaching the draft archaeological strategy document. The email explained this strategy will also be presented within the Archaeological Consultation Meeting on the 24 September 2020.
30/09/2020	Email	Response from HDC regarding EWP13.
30/09/2020	Email	Email from HE to CCC, BBC and CBC providing a series of milestones for the delivery and review of the archaeological evaluation reports by MOLA and agreement made Friday 16 th for the next presentation.
30/09/2020	Email	Email from CCC to HE outlined these milestones may not be achievable as the council have to fit 3 other eastern region NSIPs schemes which are competing for responses in the same time frame.
30/09/2020	Email	Email from HE to CCC, BBC and CBC attaching the minutes of the archaeological mitigation strategy meeting.
30/09/2020	Email	Email from HE to CCC, BBC and CBC attaching the minutes of the Phase 2 trenching presentation.

Date	Form of correspondence	Key topics discussed and key outcomes
01/10/2020	Email	Email from HE to CCC, BBC and CBC explaining the Phase 1 and 2 reports will be provided to the council by 2 October 2020. The email asks the council to respond to comments by 16 October 2020 as per the milestone table sent on the 30 September 2020.
02/10/2020	Email	Project management work package “MWP1” issued to HDC for review.
07/10/2020	Email	EWP2b – Landscaping work package issues to HDC.
15/10/2020	Email	Email from CCC to HE, BBC and CBC explaining the Phase 1 and 2 report, alongside the AECOM proposed mitigation areas have been reviewed. CCC have not had time to review the areas alongside levels of engagement. The council consider the proposal is inconsistent or unworkable. Mitigation area review document may need to be sent to MFT service as this document is too large.
15/10/2020	Email	Email from CCC to HE asking for a detailed discussion about all mitigation needs. The email attached the councils review of the proposed A428 mitigation areas along with modifications required for the Cambridgeshire sites.
18/10/2020	Email	Email from BBC to HE, CCC and CBC outlining key issues with the Phase 1 report, this includes Section 6.3, Section 6.4 and Appendix 4, Table 4.1. The council complained about the length of the document and reported the documents kept crashing on their system. The council raised cross referencing is a time consuming process. The council explained they are part way through reviewing the Phase 2 report.
21/10/2020	Meeting	Work Package meeting with HDC landscape architect regarding what was required to complete work package EWP2b. Specifically, landscape aspects such as the landscape and visual impact assessment, environmental masterplan and related management plans were discussed.
09/11/2020	Email	Landscape sections sent to HDC landscape architect.

Date	Form of correspondence	Key topics discussed and key outcomes
12/11/2020	Meeting	Meeting with BBC, CCC, CBC, SCDC, and HDC to provide a briefing on the draft Development Consent Order to highlight the key articles and provide an overview of the requirements. An overview of the structure of the Environmental Management Plan and explanation of the role of local authorities in the post submission process (covering Adequacy of Consultation responses and Local Impact Reports) was also provided.
08/02/2021	Meeting	Meeting held with HDC at their request to discuss the impact of the Scheme on air quality in their area.
16/04/2021	Email	Email from CCC, SCDC and HDC to HE asking for a copy of all confidential ecological reports.
19/04/2021	Email	Email correspondence between HDC and HE providing clarification on Appendix 5.4 paragraph 1.1.26.
20/04/2021	Email	Email from HE to CCC, SCDC and HDC providing a link to the confidential ecological appendices.
23/04/2021	Email	Email from CCC, SCDC and HDC to HE asking National Highways to provide the un-redacted copies of all Ecological reports.
24/03/2021	Meeting	Members Meeting.
26/04/2021	Email	Email to CCC, SCDC and HDC providing a refreshed link to the un-redacted ecology reports.
06/05/2021	Email	Email to CCC, SCDC and HDC providing a link to the unredacted ecology reports (Appendix 8.20, Appendix 2.8, Appendix 8.3, Appendix 8.4 and HRA Screening Report).
13/05/2021	Email	Email to HDC from National Highways outlining key documents of interest to read prior to the Air Quality and Noise and Vibration update meeting. National Highways provided a link to the planning inspectorate website and the digital ES.
03/06/2021	Meeting	Climate update meeting with the Cambridgeshire authorities covering introduction to the SoCG and climate impacts, effects and mitigation. Meeting minutes were circulated following the meeting 04/06/2021.
03/06/2021	Meeting	Biodiversity update meeting with the Cambridgeshire authorities covering introduction to the SoCG and biodiversity impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 08/06/2021.

Date	Form of correspondence	Key topics discussed and key outcomes
10/06/2021	Meeting	Landscape and visual effects update meeting with HDC and SCDC covering introduction to the SoCG and landscape and visual impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 16 /06/2021.
15/06/2021	Meeting	Air quality and noise and vibration update meeting with HDC and SCDC covering introduction to the SoCG and air quality and noise and vibration impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 17/06/2021.
23/06/2021	Email	Email from HE to HDC and SCDC requesting availabilities for a Landscape and visual SOCG meeting. No response received.
23/06/2021	Email	Email to HE asking why borrow pits are not being discussed as part of the Material Assets and Waste Update presentation.
25/06/2021	Email	Email from HE to BBC, CBC and CCC detailing a borrow pit technical note is being prepared and once issued National Highways will set up a specific meeting to discuss borrow pits.
30/06/2021	Meeting	Members Briefing - Construction Impacts on Traffic.
June 2021	Letter	Joint letter from the Cambridgeshire authorities to National Highways containing Relevant Representations (via the Planning Inspectorate).
06/07/2021	Meeting	Joint meeting with CCC, HDC and SCDC - Biodiversity SOCG meeting with the Cambridgeshire authorities to discuss current positions. Meeting minutes were circulated following the meeting on 13/07/2021.
06/07/2021	Email	Email from HE to CCC, HDC and SCDC - Air Quality and Noise and Vibration note providing further information on the impacts and effects at Eltisle and St Neots.
07/07/2021	Email	HDC sent HE a collated list of environment issues for discussion.
08/07/2021	Meeting	Joint meeting with CCC, HDC and SCDC - Climate SOCG meeting with the Cambridgeshire authorities to discuss current positions. Relevant representations also discussed. Meeting minutes were circulated following the meeting on 19/07/2021.

Date	Form of correspondence	Key topics discussed and key outcomes
15/07/2021	Meeting	Joint meeting with CCC, HDC and SCDC – HE gave a demonstration of the operational noise model to the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 21/07/2021.
28/07/2021	Email	Email to CCC, HDC and SCDC attaching draft presentation slides ahead of construction noise modelling meeting the next day with Cambridgeshire authorities.
29/07/2021	Meeting	Joint meeting with CCC, HDC and SCDC – HE gave a demonstration of the construction noise model to the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 12/08/2021.
29/07/2021	Email	Email from HE to attendees of South Cambridgeshire and Huntingdonshire District Councils Members Briefing, attaching minutes from the meeting.
30/07/2021	Email	Email from HE attaching the Notification of Development for the Scheme.
30/07/2021	Email	Email from HE following the DCO Combined Issues Log received on 23 July 2021, asking for specific areas of concern ahead of upcoming meeting on 17 August 2021 to discuss the councils' public health concerns arising from the Scheme.
30/07/2021	Email	Email from HE attaching presentation slides and agenda ahead of the air quality and noise and vibration SOCG meeting with Cambridgeshire authorities on 3 August 2021.
30/07/2021	Email	Email to CCC, HDC and SCDC confirming HE will review the previously issued logs and SOCGs and prepare the population and human health presentation, and that an agenda will be circulated before the meeting on 17 August 2021.
30/07/2021	Email	Email from HE attaching the agenda for the Landscape and Visual effects SOCG meeting on 04 August 2021 to the Cambridgeshire authorities.
30/07/2021	Email	Email from HE to CCC, HDC and SCDC sharing the location of the recording for the construction noise modelling meeting that occurred on 29 July 2021.
31/07/2021	Email	Email from HDC advising of staff availability during August and providing contact details.

Date	Form of correspondence	Key topics discussed and key outcomes
02/08/2021	Email	Email from HDC confirming receipt of Notification of Development and pdf plans showing the Order Limits. Request for files within the A428 Order Limits folder to be sent in a different file format, as HDC unable to open.
03/08/2021	Email	Email from HE attaching presentation slides from Air Quality and Noise and Vibration SOCG meeting earlier that day and note that minutes will be circulated soon.
03/08/2021	Email	Further email from HDC stating they are unable to open the files sent alongside the Notification of Development email.
03/08/2021	Meeting	Meeting with CCC, HDC and SCDC – Air quality and Noise and vibration SOCG meeting to discuss current positions. Meeting minutes were circulated following the meeting on 10/08/2021.
04/08/2021	Meeting	Meeting with CCC, HDC and SCDC – Landscape and Visual effects SOCG meeting to discuss current positions. Meeting minutes were circulated following the meeting on 12/08/2021.
04/08/2021	Email	Email from HE to attendees of Landscape and Visual SOCG meeting earlier that day including CCC, HDC and SCDC. The presentation slides were shared. Noted that minutes will be circulated next week.
04/08/2021	Email	Email from HE to HDC sharing link to Borrow Pits Technical Note.
04/08/2021	Email	Email from HE to HDC explaining file types they could not open; that it is just Order Limits as shown on accompanying PDF.
04/08/2021	Email	Email from HDC asking for additional HDC contacts to be added to the A428 teams' group for access to documents.
06/08/2021	Email	Email from HE explaining identified error in Table L-4 of Annex L [APP-234] regarding the planting mix. Sent revised table.
06/08/2021	Email	Email from HDC requesting change of email address for a HDC contact.
06/08/2021	Email	Email from HE attaching an unredacted version of the Schedule of Mitigation for the A428.
10/08/2021	Email	Email from HE attaching meeting minutes and presentation slides from the air quality and noise and vibration SOCG meeting last week with Cambridgeshire authorities.
12/08/2021	Email	Email from HE attaching meeting minutes and presentation slides from the construction noise modelling meeting on 29 July 2021 with the Cambridgeshire authorities.

Date	Form of correspondence	Key topics discussed and key outcomes
12/08/2021	Email	Email from HE sharing meeting minutes from the landscape and visual effects SOCG meeting last week along with the presentation slides.
13/08/2021	Email	Email from HE sharing presentation slides ahead of the population and human health issues discussion on 17 August 2021.
13/08/2021	Meeting	Meeting between HE, Cambridgeshire authorities (CCC, HDC and SCDC), BBC, CBC on borrow pits and the additional information provided in the Borrow Pit Technical Note. Meeting minutes were provided following the meeting on 23/08/2021.
16/08/2021	Email	Email from HE to CCC, HDC and SCDC noting that the Biodiversity issues meeting scheduled for w/c 16 August 2021 will be postponed to 14 September 2021, to give time for a thorough review of the issues log to be reviewed and provided back to the Cambridgeshire authorities in good time ahead of the meeting.
17/08/2021	Meeting	Meeting with CCC, HDC and SCDC – Population and human health issues discussion the with the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 20/08/2021.
20/08/2021	Email	Email from HE attaching minutes following the A428 population and human health issues discussion on 17 August 2021.
23/08/2021	Email	Email to CCC, HDC and SCDC regarding Planning Inspector's hearing action point 7 (requiring a position statement between National Highways, Natural England and the local authorities on HRA matters and mitigation). Request that CCC, HDC and SCDC provide input by 27 August 2021.
26/08/2021	Email / file transfer	The position statement between National Highways, Natural England and the local authorities on HRA and mitigation matters was shared with CCC, HDC and SCDC for input and a copy of the meeting recording between National Highways and Natural England (from 23 August 2021) was shared by file transfer and via MS Teams.
27/08/2021	Email	Email from CCC, HDC and SCDC attaching response to position statement on HRA matters and mitigation. Response from HE confirming receipt and advising they resent the meeting recording yesterday but the meeting minutes are still with Natural England for review/approval so can't be shared yet.
31/08/2021	Email	Email from HE sharing the final minutes from the Natural England meeting on 23 August 2021.

A428 Black Cat to Caxton Gibbet improvements
 Draft Statement of Common Ground with Cambridgeshire County Council,
 South Cambridgeshire District Council and Huntingdonshire District Council

Date	Form of correspondence	Key topics discussed and key outcomes
06/09/2021	Email	Email from National Highways to CCC, HDC and SCDC detailing responses to the biodiversity issues log ahead of the meeting on 14/09/2021.
09/09/2021	Email	Email from National Highways to CCC, HDC and SCDC detailing the agenda for the biodiversity issues meeting on 14/09/2021.
14/09/2021	Meeting	Meeting with CCC, HDC and SCDC – Biodiversity issues discussion with the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 17/09/2021.
17/09/2021	Meeting	Email from National Highways to CCC, HDC and SCDC circulating the meeting minutes and presentation slides from the biodiversity issues meeting on 14/09/2021.
30/09/2021	Meeting	Meeting with CCC, HDC, SCDC, BBC and CBC in response to Action 2 from the Issue Specific Hearing 3 (24 September 2021). Biodiversity issues discussion on drainage ponds and planting arrangement.
04/10/2021	Email	Position Statement detailing matters related to design principles and planting at attenuation basins circulated to HDC, other host authorities and Natural England for input at Deadline 3 of the Examination.

Table 3-8 – Records of Engagement – SCDC

Records of Engagement under development.

Date	Form of correspondence	Key topics discussed and key outcomes
03/07/2018	Meeting	Meeting with BBC, CBC, HDC, and SCDC. A presentation was given on the LVIA viewpoints to landscape officers. The ongoing nature of consultation was discussed, and National Highways invited further thoughts on the initial viewpoint selections for LVIA photomontages, so that they could brief surveyors in August 2018.
17/10/2019	Meeting	Meeting held with BBC, CCC, CBC, and SCDC with Environment Agency and the Bedford Group of Drainage Boards also in attendance. The meeting was part of the formation of the Flood Risk/ Water Management group and covered the terms of reference for the working group, lessons learned from the A14, and each authorities' areas watercourses and responsibilities. National Highways gave an overview of the different types of hydraulic modelling of water course crossings and overland runoff for three main technical notes to be generated (River Ouse Crossing, Bedfordshire Area and Cambridgeshire Area).
12/03/2020	Meeting	Meeting with BBC, CCC, CBC, and SCDC with the Environment Agency and Bedford Group of Drainage Boards also in attendance. Further to the meeting on 17 October 2019, this second meeting was held for the Flood Risk/ Water Management Technical Working Group. In this meeting each local authorities' watercourse was reviewed and discussed and the terms of reference for the group were finalised and agreed.
13/03/2020	Meeting	Meeting with CCC, HDC, and SCDC to introduce ways of working within the draft PPA, review work packages issued and upcoming and reach understanding regarding the required level of commentary, review and input from Cambridgeshire and the Districts. National Highways gave an update on surveys and biodiversity net gain before splitting into separate technical discipline groups to discuss relative technical requirements more thoroughly.
11/05/2020	Email	Work package "EWP1 Major Developments" issued to SCDC Senior Planning Officers for their input.
14/08/2020	Email	EWP3 Noise work package issued to SCDC EHO and Biodiversity teams for review.
03/09/2020	Meeting	Meeting with HDC and SCDC to review environmental work package progress.

Date	Form of correspondence	Key topics discussed and key outcomes
03/09/2020	Meeting	A meeting was held to introduce the council Biodiversity team to the Scheme, this included a summary of the results of the surveys, a walkthrough of the environmental masterplan draft and a discussion of next steps.
09/09/2020	Phone call	A phone call with the SCDC air quality specialist and the project team air quality specialist. The project team air quality specialist responded to questions about methodology and air quality constructional and operational effects. There were also questions around proposed mitigation and where this would be secured.
22/09/2020	Meeting	Work Package meeting with biodiversity team covering the process and requirements.
22/09/2020	Meeting	Meeting with HDC and SCDC with an ecologist representing the districts, regarding work package EWP2a. Work package EWP2a covered the Environmental Masterplan and was specific to biodiversity on the Scheme. The local authority had an opportunity to ask questions about the contents of work package EWP2a and proposed outputs requested in the work package.
24/09/2020	Email	SCDC response to EWP9 Public Health Information.
01/10/2020	Meeting	Meeting with SCDC specifically the landscape architects to discuss what was required to complete work package EWP2b. Work package EWP2b was specific to landscape and covered the draft Outline Landscape and Ecology Master Plan and the A428 Landscape Section Drawings
02/10/2020	Email	Project management work package "MWP1" issued to SCDC for review.
02/20/2020	Meeting	Meeting with SCDC Principal Sustainability Officer to discuss climate change chapter of the Environment Statement. Minutes of meeting emailed on 8 October 2020.
07/10/2020	Email	EWP2b – Landscaping work package issues to SCDC.
13/10/2020	Meeting	Meeting with SCDC to discuss expectations of what would be included in the application and any follow up questions regarding work package EWP2a for the SCDC area.
12/11/2020	Briefing	Meeting with BBC, CCC, CDC, SCDC and HDC to provide a briefing on the draft Development Consent Order to highlight the key articles and provide an overview of the requirements. An overview of the structure of the Environmental Management Plan and explanation of the role of local authorities in the post submission process (covering

Date	Form of correspondence	Key topics discussed and key outcomes
		Adequacy of Consultation responses and Local Impact Reports) was also provided.
19/02/2021	Meeting	Air Quality meeting held with SCDC & HDC and minutes issued.
03/06/2021	Meeting	Climate update meeting with the Cambridgeshire authorities covering introduction to the SoCG and climate impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 04/06/2021.
03/06/2021	Meeting	Biodiversity update meeting with the Cambridgeshire authorities covering introduction to the SoCG and biodiversity impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 08/06/2021.
03/06/2021	Email	Email from SCDC to National Highways containing a log of key issues.
10/06/2021	Meeting	Landscape update meeting with HDC and SCDC covering introduction to the SoCG and landscape and visual impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 16/06/2021.
15/06/2021	Meeting	Air quality and noise and vibration update meeting with HDC and SCDC covering introduction to the SoCG and air quality and noise and vibration impacts, effects and mitigation. Meeting minutes were circulated following the meeting on 17/06/2021.
23/06/2021	Email	Email from National Highways to HDC and SCDC requesting availabilities for a Landscape and visual SOCG meeting. No response received.
30/06/2021	Meeting	Members Briefing - Construction Impacts on Traffic.
June 2021	Letter	Joint letter from the Cambridgeshire authorities to National Highways containing Relevant Representations (via the Planning Inspectorate).
06/07/2021	Meeting	Joint meeting with CCC, HDC and SCDC - Biodiversity SOCG meeting with the Cambridgeshire authorities to discuss current positions. Meeting minutes were circulated following the meeting on 13/07/2021.
06/07/2021	Email	Email from HE to the Cambridgeshire authorities - Air Quality and Noise and Vibration note providing further information on the impacts and effects at Eltisley and St Neots.

Date	Form of correspondence	Key topics discussed and key outcomes
08/07/2021	Meeting	Joint meeting with CCC, HDC and SCDC - Climate SOCG meeting with the Cambridgeshire authorities to discuss current positions. Relevant representations also discussed. Meeting minutes were circulated following the meeting on 19/07/2021.
15/07/2021	Meeting	Joint meeting with CCC, HDC and SCDC – HE gave a demonstration of the operational noise model to the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 21/07/2021.
28/07/2021	Email	Email to CCC, HDC and SCDC attaching draft presentation slides ahead of construction noise modelling meeting the next day with Cambridgeshire authorities.
29/07/2021	Meeting	Joint meeting with CCC, HDC and SCDC – HE gave a demonstration of the construction noise model to the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 12/08/2021.
30/07/2021	Email	Email to CCC, HDC and SCDC confirming HE will look through previously issued logs and SOCGs and prepare the population and human health presentation, and that an agenda will be circulated before the meeting on 17 August 2021.
30/07/2021	Email	Email from HE attaching presentation slides and agenda ahead of the air quality and noise and vibration SOCG meeting with Cambridgeshire authorities on 3 August 2021.
30/07/2021	Email	Email from HE attaching the agenda for the Landscape and Visual effects SOCG meeting on 04/08/2021 to the Cambridgeshire authorities.
30/07/2021	Email	Email from HE to CCC, HDC and SCDC sharing the location of the recording for the construction noise modelling meeting that occurred on 29/07/2021.
03/08/2021	Meeting	Meeting with CCC, HDC and SCDC – Air quality and Noise and vibration SOCG meeting to discuss current positions. Meeting minutes were circulated following the meeting on 10/08/2021.
04/08/2021	Meeting	Meeting with CCC, HDC and SCDC – Landscape and Visual effects SOCG meeting to discuss current positions. Meeting minutes were circulated following the meeting on 12/08/2021.
04/08/2021	Email	Email from HE to attendees of Landscape and Visual SOCG meeting earlier that day including CCC, HDC and SCDC. The presentation slides were shared. Note that minutes will be circulated next week.

Date	Form of correspondence	Key topics discussed and key outcomes
06/08/2021	Email	Email from HE to attendees of SOCG Landscape and Visual update meeting on Wednesday confirming they identified an issue within Table L-4 of Annex L [APP-234] regarding planting mix. Sent correct table.
10/08/2021	Email	Email from HE attaching meeting minutes and presentation slides from the air quality and noise and vibration SOCG meeting last week with Cambridgeshire authorities.
12/08/2021	Email	Email from HE attaching meeting minutes and presentation slides from the construction noise modelling meeting on 29 July 2021 with the Cambridgeshire authorities.
12/08/2021	Email	Email from HE sharing meeting minutes from the landscape and visual effects SOCG meeting last week along with the presentation slides.
13/08/2021	Email	Email from HE sharing presentation slides ahead of the population and human health issues discussion on 17 August 2021.
13/08/2021	Meeting	Meeting between National Highways, the Cambridgeshire authorities (CCC, HDC and SCDC), BBC, CBC on borrow pits and the additional information provided in the Borrow Pit Technical Note. Meeting minutes were provided following the meeting on 23/08/2021.
16/08/2021	Email	Email from National Highways to CCC, HDC and SCDC noting that the Biodiversity issues meeting scheduled for w/c 16 August 2021 will be postponed to 14 September 2021, to give time for a thorough review of the issues log to be reviewed and provided back to the Cambridgeshire authorities in good time ahead of the meeting.
17/08/2021	Meeting	Meeting with CCC, HDC and SCDC – Population and human health issues discussion the with the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 20/08/2021.
20/08/2021	Email	Email from HE attaching minutes following the A428 population and human health issues discussion on 17 August 2021.
23/08/2021	Email	Email to CCC, HDC and SCDC regarding Planning Inspector's hearing action point 7 (requiring a position statement between National Highways, Natural England and the local authorities on HRA matters and mitigation). Request that CCC, HDC and SCDC provide input by 27 August 2021.
26/08/2021	Email / file transfer	The position statement between National Highways, Natural England and the local authorities on HRA and mitigation matters was shared with CCC, HDC and SCDC for input and a copy of the meeting

Date	Form of correspondence	Key topics discussed and key outcomes
		recording between National Highways and Natural England (from 23 August 2021) was shared by file transfer and via MS Teams.
27/08/2021	Email	Email from CCC, HDC and SCDC attaching response to position statement on HRA matters and mitigation. Response from National Highways confirming receipt and advising they resent the meeting recording yesterday but the meeting minutes are still with Natural England for review/approval so can't be shared yet.
31/08/2021	Email	Email from HE sharing the final minutes from the Natural England meeting on 23/08/2021.
06/09/2021	Email	Email from National Highways to CCC, HDC and SCDC detailing responses to the biodiversity issues log ahead of the meeting on 14/09/2021.
09/09/2021	Email	Email from National Highways to CCC, HDC and SCDC detailing the agenda for the biodiversity issues meeting on 14/09/2021.
14/09/2021	Meeting	Meeting with CCC, HDC and SCDC – Biodiversity issues discussion with the Cambridgeshire authorities. Meeting minutes were circulated following the meeting on 17/09/2021.
17/09/2021	Meeting	Email from National Highways to CCC, HDC and SCDC circulating the meeting minutes and presentation slides from the biodiversity issues meeting on 14/09/2021.
30/09/2021	Meeting	Meeting with CCC, HDC, SCDC, BBC and CBC in response to Action 2 from the Issue Specific Hearing 3 (24/09/2021). Biodiversity issues discussion on drainage ponds and planting arrangement.
04/10/2021	Email	Position Statement detailing matters related to design principles and planting at attenuation basins circulated to the host authorities and Natural England for input at Deadline 3 of the Examination.