

Westmorland and Furness Council (W&FC) The Council's response to the Applicant's response to Deadline 6 Submissions made by Local Authorities for Deadline 8, 16th May 2023

W&FC response to Applicant's response to Deadline 6 submissions made by Local Authorities – Deadline 8. This response relates only to matters raised by W&FC.

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
REP6-033	The Council will seek to align with Natural England on this aspect and awaits the submission of the Applicant's Technical Note at Deadline 6. In the Council review, we intend to set out the expectations for inclusion in the second iteration of the Environmental Management Plan (EMP). CA 2.4 The Council has been in further discussion with the Applicant with regards to land acquisition at Skirsgill depot. The Applicant has reviewed its proposals and the need for permanent land take and in order to satisfy the Council that its operational land will not be affected by the Project, the parties have agreed to enter into a side agreement to reflect the negotiations to date. The Council will update the ExA as to progress. DCO 2.1 The Council agrees with the ExA's suggested wording but	AQ2.1 The Applicant submitted the Technical Note for the Ammonia Assessment to Natural England on the 4 April 2023. Comments have recently been received from Natural England on this note and National Highways will continue to work with Natural England with a view to resolving Natural England's residual concerns (which National Highways understands Natural England will be summarising at this Deadline 7 in its submissions) by the end of the Examination. Notwithstanding Natural England's comments, National Highways remains firmly of the view that the HRA conclusions as reported and justified in the Statement to Inform Appropriate Assessment [Document Reference 3.6, APP-235] are correct. CA 2.4 Since Deadline 5, the Applicant has held further discussions with the Council with regard to proposed land acquisition and land use at Skirsgill depot. The Applicant has reviewed its proposals and the need for permanent	

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	submissions at ISH3 and its post hearing note that it will make it clearer in the EMP that the Council (and other statutory environmental bodies/ relevant authorities) will be consulted when a referral has been made to the Secretary of State in relation to proposed amendments to the second iteration EMP. The revised EMP will be submitted by the Applicant at Deadline 6 and therefore the Council reserves its position to make further comments once it has had the opportunity to review the amendments. DCO 2.2 The Council welcomes and	DCO 2.1, DCO 2.2 and DCO 2.3 Please see the response at REP6-030 above. GM2.1 The Applicant accepts the same position. FDW 2.1: National Highways continues to work closely in collaboration with the Environment Agency on the outstanding hydraulic modelling issues in relation to Scheme 6. Whilst the parties are working to resolve the issues on this by the end of the Examination, National Highways is aware that the Environment Agency is, at this Deadline 7, proposing draft wording for a control mechanism in respect of flood risk on Scheme 6 should the modelling issues not be resolved by the end of the Examination. National Highways agrees in principle with this approach albeit it has comments on the precise drafting (acknowledging that the Environment Agency is proposing this wording only in draft at this stage).	design proposed. It is essential that the

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	a later stage in the Examination particularly in relation to Trout Beck, Cringle Beck and Moor Beck viaducts (and other structures and/or hardstanding). The Council has made comments on the draft amendments suggested by the ExA in Annex B below and has concerns regarding the following: In paragraph 4 (i) reference to the 'submission' is odd in this context as there has been no requirement to submit anything – there is a suggestion to amend this in Annex B below. Article 53 operates differently in that there is a requirement to submit any changes to the Secretary of State to any amendment to the second iteration of the EMP. Paragraph 4 (ii) refers to the Summary Report, but there is no linked requirement for the undertaker to follow the consultation and determination provisions (comparison with Article 53 (4) (b)) which are contained in the EMP). Is the EMP to be updated to reflect the changes to Article 54 and be specific regarding consultation with the relevant	However, it is very much National Highways' preferred approach to keep working to resolve the hydraulic modelling issues on Scheme 6 by the end of the Examination and understands that to also be the Environment Agency's preferred outcome. As such, the parties will continue to work hard to resolve this and will provide a further update at Deadline 8. TA2.1 Since the meeting on 17 March the Applicant has provided the following information to the Council: • 2022 Base AM, PM and IP Vissim	TA2.1 Traffic Modelling - The current position with regard to Traffic Modelling is highly consistent with the Applicant's Response (in the column left). For the avoidance of doubt, the Council's exact position is recorded in the following documents submitted alongside our Covering Letter response to Deadline 7 (9th May): 1. A66 Traffic Modelling Review Technical Note - Response from the Applicant 27.04.23

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	Secretary of State. The Secretary of State under paragraph 4 (ii) can notify the undertaker that it is content for the undertaker to make the proposed determination. Generally, the Council has concerns that wording inArticle 54 has been taken from Article 53 without reference to other approvals/ consultation or other requirements in other documents e.g. the EMP Note Annex B of the Response Suggests Amends to Article 54 not replicated in this document. DCO 2.3 The Council confirms that until the DCO is made and the detailed design of the local road network is complete the dDCO should indicate the classification number for de-trunked sections to be TBC. GM 2.1 There are no fundamental disagreements, and the Council is confident that for those matters not resolved we can agree with the Applicant mutually acceptable responses for the final SOCG and PADSS. FDW 2.1 The Council, in its capacity as the Lead Local Flood	 A drawing showing the lane diagram for the proposed design of the M6 J40 roundabout; LinSig models of the proposed design of the M6 J40 roundabout for the 2029 and 2044 Friday IP forecast peak hour; Transport Forecast Report (TFR); and Local Model Validation Report (LMVR). The Council has undertaken a review of this information and has prepared a technical note dated 12 April 2023 on remaining traffic modelling matters which concludes the following points. The Council welcomes the additional modelling undertaken, both in microsimulation software VISSIM, and junction signal software LinSig, to help inform the understanding of the potential impacts. Following the review to date, the Council is more confident that the proposed design will cope with the forecasted traffic growth to an acceptable level. The Vissim modelling results show reductions in traffic queuing compared to the without scheme option, and the LinSig shows that the junction can operate with the expected flows in 2044. There are some outstanding issues identified that require resolution both to 1) provide further confidence that the project operates efficiently and safely for all modes, and 2) to improve the design 	2. A66 Traffic Modelling Councils' Review of Applicant Responses Technical Note 04.05.23 This position is reflected in Appendix A of the SoCG with National Highways submitted at Deadline 8. Skirsgill Depot- The safe design of this access will be agreed and progressed with the Council during Detailed Design. Penrith Town Centre Re-routing – As acknowledged by the Applicant, there is "difficulty in modelling such impacts and subsequent uncertainty of the outcome". Therefore, as the 'flipping' of traffic between Ullswater and Victoria Road is finely balanced, monitoring of impacts would be sensible. This issue is also more likely to be prominent during construction of the proposed Scheme and will need to be appropriately mitigated through the Construction Traffic Management Plan. It is therefore requested that future monitoring (both during construction and operation) of traffic flows through Penrith is undertaken, by ANPR or equivalent means, and appropriate mitigation is provided to reduce the

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	the Applicant before aligning with EA's position in relation to the Flood Risk Assessment and setting out the LLFA expectations for inclusion in the second iteration of the EMP. TA 2.1 A meeting took place on 17th March 2023 and further discussions and screen sharing took place in relation to the future operation of traffic at Penrith. With the VISSIM model on screen, it was clear that progress had been made in relation to evidencing that the operation Kemplay Bank would be efficient, and it was clear to see that with the future grade separation, traffic flowed freely through the junction, and signals appeared to work effectively for a 2029 demand scenario. The operation of M6 J40 however, was	evolution process of the Proposed Scheme itself so that the signal control at M6 J40 and Kemplay Bank is optimised. • A detailed table is provided, which identifies issues which can be addressed during the examination period, for example, providing further information about assumptions used, and other issues are likely to need progressing after the examination closes, where further design input is needed to optimise the future operation of the Proposed Scheme. National Highways have responded closing out these matters in a schedule which is appended to the SoCG with W&FC which will be submitted at Deadline 8 i) Resolved by the End of the Examination and further information to be provided by the Applicant On this basis some limited further work will be undertaken before the end of the Examination to support the Council. With regard to the base model, the Applicant has agreed to provide the following data to the councils before the end of examination: • Turning count validation; and • Further details of traffic count calculations on which the model is based. Further to the position above that the Council is more confident that the proposed design will cope with the forecasted traffic growth to an acceptable	potential impacts of this issue.

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	on page 22 of REP5-024 (7.30 Issue Specific Hearing 3 (ISH3) Post Hearing Submissions (including written submissions of oral case)), where it is stated that agreement on modelling issues can be made and closed out by mid-April. The following answers are therefore provided in relation to Traffic Modelling. i. Resolved by the end of the Examination. The following are likely to be resolved by the end of the examination, although there is a moderate risk that these matters will still not be resolved, as further information is to be provided by the Applicant, and further review and dialogue is needed to discuss the results and implications of the findings. Note, these points are not currently agreed. • Baseline VISSIM Microsimulation Model – it is likely that the Council will reach agreement on the validation of the base model and its compliance with relevant guidance	level, the Applicant has agreed to provide a LINSIG model that shows the performance of M6 Junction 40 on a Friday during the peak summer month of August in 2044. It should be noted that the design scenario considered so far is for a Friday in 2044 during an average month. The Applicant considers that this additional scenario represents an extreme traffic demand. ii. Resolved during the Detailed Design Process The Applicant has committed to undertake adjustments to the modelling to aid the detailed design process postexamination to optimise the performance of the design. This principle has been discussed in meetings with the Council who have raised no objection to this approach. The Base model will be revised post-examination following review of latest PCMOVA datasets to ensure VISSIM model accurately reflects observed local conditions. Any changes made to the base models will be carried forward to improve the forecast models. This will be undertaken as part of detail design and will allow optimisation of the detailed junction layout and signal design, including the pedestrian and cycle phases, together with appropriate safety mitigations to protect vulnerable people crossing multiple lanes of traffic.	

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	operation of traffic flows at both the Kemplay Bank Roundabout and Junction 40 Roundabout. It is also likely that Council will have a greater understanding of whether the proposed highway design and operation of the proposed traffic signals deliver a safe and congestion free environment (or not) in both the 2029 and 2044 Scenarios, and on a summer Friday for these years. If the operational models demonstrate that further scheme development is required to increase capacity, then this is unlikely to be agreed by the end of the examination. ii. Resolved during the detailed design process that will be completed after the end of the Examination; or Given that Detailed Design is expected to take many years to develop, there is clearly the opportunity to resolve a number of issues identified to date. It would be required by the Council for the following to be agreed during that time. • The operational performance of the proposed scheme at M6 J40,	Skirsgill Depot traffic is considered within the Forecast Models presented. Further consideration of the safe operation of this access / egress will be made with the Council during detail design. The impact of the Project on the Town Centre in Penrith is discussed in two documents: • Paragraphs 8.15 to 8.1.10 of the Transport Assessment [Document Reference 3.7, REP2-003] which notes that traffic increases on Clifford Road are forecast due to rerouting of traffic between Junction 40 and central Penrith due to the reduction of the speed on the A66 between the M6 Junction 40 and Kemplay Bank to 50mph,The response to AQ1.1 in Chapter 2 of the Applicant's Response to Deadline 5 Submissions [Document Reference 7.35, REP6-021] states that the reduction on Castlegate is due to the switch of routes for traffic travelling between the A66 (east of Kemplay Bank) to the Cromwell Road / Brunswick Road in Central Penrith. In both cases the difference between the routes between which traffic switches within the model is very marginal. Given the difficulty in modelling such impacts and subsequent uncertainty of the outcome, iii. Unresolved fundamental concerns about the potential traffic impact. Given the progress discussed above, the Applicant considers that the risk that the	

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	lanes, and the allocation of lanes and slip lane capacity to specific movements will need to be further developed during detailed design. This will need to include the design of pedestrian and cycling phases in signal design, and appropriate safety mitigations to protect vulnerable people crossing multiple lanes of traffic, both within J40, and on the approach arms, including	 both the VISSIM model and LINSIG models agree that there is capacity for the junction to accommodate forecast Friday flows in 2044; Any residual changes that will be made to the modelling during detail design will be made to ensure maximum efficiency of the junction design. TA 2.2: Please see the response at REP6-026 above. 	TA 2.2: The Applicant's response appears to resolve the issues by making it clear who is responsible for maintenance of each element where a PROW and PMA are shared. However, a cycleway (or equestrian track) is not one of the 4 categories of PROWs (Footpath, Bridleway, Restricted Byway, Byway) recorded on the Definitive Map and Statement. Given the dDCO definitions of a Cycleway (comprised in a highway) and Cycle Track (constituting a highway), the current proposal appears to lead to the situation where a public highway is on a private highway which still appears problematic for both access and maintenance liability (given that a cycleway/track is likely to require a

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	• The Impact within the Town Centre of Penrith — it is likely that the re-assignment of traffic through Penrith as a result of scheme will not be fully understood until the detailed design stage. Currently, local drivers often take circuitous routes to avoid the congestion experienced between M6 J40 and Kemplay Bank, and with the improvement scheme in place, this traffic will re-route through Penrith towards the anticipated less congested future improvement. The scale of this reassignment is not likely to known as the current transport model does not accurately represent this, and therefore further assessment work is needed, including the impact on the proposed air quality management area in Penrith. Appropriate mitigation will be needed to address significant re- routing within Penrith as a result of the proposed scheme. iii. Unresolved fundamental concerns about the potential traffic impact. • There is a moderate risk that the future operation of M6 J40 does not deliver on its objectives, and congestion will still exist, particularly on a Friday afternoon during the summer. The risk is that the constraint on the number of		higher standard of surface maintenance than a public footpath or bridleway). Separation of the two entities, as is proposed for the Brougham Castle to Center Parcs section, would resolve this issue. If a PMA and route for walking, cycling and horse-riding must be shared then the Council considers that the default position should be Public Bridleway unless there are specific reasons why this is not possible.

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	lanes on the overbridges (3 lanes each direction), combined with the signal phasing that controls vehicle and pedestrian/cycle flow on the roundabout, is not designed or even capable of operating efficiently with the expected future demand in 2044. Due to the timing of receiving the model files from the Applicant for review by the Council (received on 03.04.2023), the Council is not in a position to comment on the information for Deadline 6 TA 2.2 Clarification from the Applicant has been received that the PMA and PRoW will be demarcated and access for vehicles will be controlled for only the private landholders (see post-hearing note under item 6.1 of REP5 – 024). However, there is a need for clarity related to the highway status of the PMA and adjacent PRoW and the associated maintenance liability. The Council is willing to maintain new PRoW including the cycle tracks, cycleways or equestrian tracks defined in the DCO, to an acceptable standard for the nonmotorised users permitted. However, the liability for maintaining the PMA should not fall to the Council. The liability and arrangements for the maintenance		

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	of each element need to be explained. The Council agrees with Durham that there is a risk of private means of access becoming a maintenance burden. Annex B: Suggested Wording of Article 54 of draft DCO. (1) Subject to article 7 (limits of deviation) and the provisions of this article, the authorised development must be designed in detail and carried out so that it is compatible substantially in accordance with—		
	 (a) the design principles; (b) the works plans; and (c) the engineering section drawings: plan and profiles and the engineering section drawings: cross sections. (2) Subject to paragraphs (3), (4) and (5), the undertaker may determine to amend the design principles, works plans and/or engineering section drawings: plan and profiles and the engineering section drawings: cross sections, or any part of them. (3) The undertaker may only determine to amend the design principles, works plans and/or engineering section drawings: plan and profiles and the engineering 		
	section drawings: cross sections or any part of it them under paragraph (2) if— (a) the undertaker is		

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	satisfied that those amendments—		
	(i) are substantially in accordance with the design principles, works		
	plans and/or engineering section		
	drawings: plan and profiles and the		
	engineering section drawings:		
	cross sections that has have been		
	approved by the Secretary of State		
	under paragraph		
	(1);		
	(ii) would not give rise to any		
	materially worse or materially new		
	adverse environmental effects		
	having been suitably evidenced in		
	comparison with those reported in		
	the environmental statement; and		
	(iii) would not undermine the outcomes of the Habitats		
	Regulations Assessment.		
	(4) The undertaker must not		
	determine to amend the design		
	principles, works plans and/or		
	engineering section drawings: plan		
	and profiles and the engineering		
	section drawings: cross sections		
	(or any part of them it) under		
	paragraph (2) unless—		
	(a) the undertaker has sent to the		
	Secretary of State—		
	(i) a copy of the proposed		
	amendments submission;		
	(ii) a copy of the summary report;		
	and		
	(iii) a statement of the		
	determination the undertaker		
	proposes to make; and		

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	(b) either— (i) a period of 14 days		
	has elapsed beginning with the		
	date the Secretary of State		
	received the information referred to		
	in subparagraph		
	(a) without the Secretary of State		
	notifying the undertaker in		
	accordance with subparagraph (ii)		
	below or giving the undertaker a		
	direction in accordance with		
	paragraph (5) below (in relation to		
	which the Secretary of State may		
	notify the undertaker in writing,		
	before the period of 14 days has		
	elapsed, that the Secretary of State		
	requires longer than this period to		
	notify the undertaker in accordance		
	with sub-paragraph (ii) below or to		
	give the undertaker a direction in		
	accordance with paragraph (5)		
	below, specifying the longer period		
	required, in which case that longer		
	period will apply for the purposes		
	of this paragraph); or (ii) the		
	Secretary of State has notified the		
	undertaker in writing that the		
	Secretary of State is content for the		
	undertaker to make the proposed		
	determination.		
	(5) In relation to any determination		
	proposed to be made by the		
	undertaker to amend the design		
	principles, works plans and/or		
	engineering section drawings: plan		
	and profiles and the engineering		
	section drawings: cross sections		

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	(or any part of them it) under paragraph (2), the Secretary of		
	State may direct that—		
	(a) the undertaker must not make		
	the proposed determination; and		
	(b) the proposed determination is		
	instead to be made by the		
	Secretary of State as though it		
	were in response to a request for		
	the Secretary of State's approval of		
	amendments to all or any part of		
	the design principles, works plans		
	and/or engineering section		
	drawings: plan and profiles and the		
	engineering section drawings:		
	cross sections made by the		
	undertaker under paragraph (1).		
	(3) (6) Where amended details are		
	approved by the Secretary of State		
	under paragraph (4), those details are deemed to be substituted for		
	the corresponding design		
	principles, works plans,		
	engineering section drawings: plan		
	and profiles and engineering		
	section drawings: cross sections as		
	the case may be and the		
	undertaker must make those		
	amended details available in		
	electronic form for inspection by		
	members of the public.		

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
REP6-034	The Council wishes to clarify that points of detail were expected from the Applicant at Deadline 5, not from the Council. The Local Impact Report [REP1-019] appendices included the Council's detailed concerns on both temporary and operational diversion routes. De-trunking arrangements The Council continues to work closely with the Applicant to agree principles and details of detrunking at pace. This topic will be included in side agreements between parties, expected to be signed off by the end of Examination. Private means of access (PMA) and public rights of way (PRoW) arrangements. The clarification of separation between the PMA and PRoW is welcomed. However, there is a need for clarity related to the highway status of the PMA and adjacent PRoW and the associated maintenance liability. The Council is willing to maintain new PRoW including the cycle tracks, cycleways or equestrian tracks defined in the DCO, to an acceptable standard for the nonmotorised users permitted. However, the liability for maintaining the PMA should not fall	Authority on 24/03/2023 and accepted on 18/4/2023 (only DC04 is thought to impact de-trunking). Whilst not strictly detrunking, the opportunity is also being taken to incorporate an agreed interface between the Applicant and the Council on the A592, as this has been a source of confusion for a number of years. Further to this, the Applicant would refer to pages 30 and 31 of their Deadline 6	6.1 Diversion route arrangements The Council awaits the initial discussion on this matter. De-trunking arrangements Subject to the review and entering into the Side Agreement.

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
	the base model and future options in April, although at the time of writing (03.04.2023), we are yet to receive the model information and associated documentation to comment on this issue. 9.1 The amendments to the DCO text are welcomed to bring clarity to the definitions of cycle track and cycle ways. The Council will require engagement as to the appropriate designation of different sections of routes throughout the project between these definitions and the accompanying "Equestrian Track" definition. The maintenance liability for these Public Rights of Way needs to be clarified	Regarding responsibilities for Public Rights of Way (PRoWs) and Private Means of Access (PMAs), the Applicant notes the matters raised by the Council and considers that these concerns are addressed by the provisions of the draft DCO. Article 9(2) provides that local highways (which would include PRoWs) are to be maintained by the local highway authority. The Applicant agrees with the Council that they would be obliged to maintain public rights of way to a standard appropriate for their public use. Article 9(4) provides that PMAs would be the responsibility of the persons with the benefit of those rights. Where PRoWs would also be subject to private rights of vehicular access it would be the responsibility of the persons with the	Statement. Given the DCO definitions of a Cycleway.

Examination Library Reference	Issues Raised	Applicant's Response	Westmorland and Furness Council response
		segregated but adjacent PROWs and PMA such that there is clear demarcation between the PROW and the PMA, the Applicant's draft DCO includes provisions that would ensure that the proper extent of the PROW can be properly recorded in the authority's definitive map and statement. The traffic modelling was shared with Westmorland and Furness Council in a series of emails between the 3 rd and 12 th of April. Since then, two further meetings have been held between the Applicant and the Council, on the 17 th and 21 st of April during which the adequacy of the modelling was discussed and outstanding issues identified. The Applicant has provided further data, and updated documentation on the 25 th of April, with a view to agreeing that the proposed scheme operates efficiently and safely for all modes, subject to further a number of issues that can be resolved during further modelling and assessment during detail design. 9.1 Equestrian tracks, cycle tracks and	Separation of the two entities, as is proposed for the Brougham Castle to Center Parcs section, would resolve this issue. If a PMA and route for walking, cycling and horse-riding must be shared then the Council considers that the default position should be Public Bridleway unless there are specific reasons why this is not possible. 9.1 Equestrian tracks, cycle tracks and cycle ways