SADC Comet Run 2041 – Addendum July 2025

This addendum outlines the main areas of work and timeline for the SADC COMET Run 2041 (published September 2024) and subsequent tasks which addressed queries raised by National Highways in their Regulation 19 response:

Date	Summary	Document Title	Appendix
2024 January	SADC COMET Run 2041 – Inception Meeting		
2024 February	Change to scope including agreement of work to specifically look at the performance of the base model on the SRN including a comparison of 2014 modelled flows with 2023 count data. • Change 1 Planning Data for Future Year 2041 • Change 2 NTEM 8 • Change 3 Employment area floor area conversion to jobs • Change 4 Journey Times • Change 5 Coding of Infrastructure • Change 6 National Highways SRN Review • Change 7 Base Year Review	2024 Feb Technical Note	Appendix 1
	The outcome of the process which is the 240701 COMET 2014 Base year model review SRN 15.02.2024	240409 COMET 2014 Base year model review -SRN	*weblink1
2024 May	Additional work requested by National Highways to review performance of the model specifically around the M25 area. There have been a number of changes to the scope of work for the St Albans Local Plan modelling following the meeting with National Highways on 26th April. The purpose of this technical note is to capture all of these changes and confirm the proposed approach and additional cost in relation to each change with Hertfordshire County Council (HCC) and St Albans District Council (SADC). • Scope Change 1: Base Year Review • Scope Change 2: Option 0 Re-run	2024 May Technical Note	Appendix 2

	• Change 3: Option 1 Refinements • Change 4: Option 2 Refinements • Scope Change 6: Option 4		
	The output of the process was 240701 2014 Base Year Model Review SRN Addendum	240701 COMET 2014 Base Year Model Review-SRN	*weblink2
2024 August	SADC COMET Run 2041 – Final report issued. Published in September 2024 alongside Local Plan Regulation 19.	**INF 09.11 - Transport Impact Assessment COMET St Albans LP Modelling Report (2024).pdf**	
2025 Jan	Following the meeting between St Albans District Council (SADC)/ Hertfordshire County Council (HCC) and National Highways (NH) on 18th December 2024 WSP have been asked to provide the following information was requested from the St Albans Local Plan COMET modelling: • Provide plots of flow change across wider SRN area – plots to show absolute flow and change in flow due to the Local Plan • Provide details of flow changes on all approach arms at M1 J8, M25 J21/21A, M25 J22 and M25 J23 and other SRN locations where flow changes by > 30 vehicles as a result of Local Plan development • Provide details of flow changes at merge/diverges where these are > 100 vehicles. The above will be provided in relation to Option 0 and 1 only (i.e. without any mode shift effects and IDP schemes). Note that Option 1 does not include IDP schemes and therefore the improvements on Breakspear Way (which have previously been shown to impact on traffic flows in the area of M1 J8) will not be present. It is assumed that these outputs will be provided for both AM and PM peak hours as both of these time periods have been modelled.	2025 January Technical Note	Appendix 3

	This output was provided in the form of a spreadsheet ‘St Albans LP SRN Flow Tables (for issue)	St Albans LP SRN Flow Tables (for issue)	Appendix A
2025 March	Extraction of additional flow information at M1 Junction 9 and M25 junction 22 and initial diverge assessment for M1 junction 9. This fee proposal outlines the tasks WSP have undertaken since the fee proposal from 10th January 2025 as well as the tasks which were requested at the last meeting between National Highways, St Albans District Council, Hertfordshire County Council and WSP on 12th March 2025. The tasks we have undertaken are: • Diverge assessment for M1 Junction 9 • Additional data for M25 Junction 22 The new tasks National Highways requested on 12th March 2025 were: • Develop an Arcady model of the M25 Junction 22 and assess the junction using 2041 SATURN COMET flows with and without Local Plan to understand the changes in queueing • Identify which Local Plan developments generate the additional trips at the M1 Junction 9 diverge • To generate a potential mitigation proposal for M1 Junction 9 diverge which will provide a drawing of the proposal, undertake an initial safety assessment and provide an initial cost estimate	2025 March Technical Note	Appendix 4
	The output was 2 spreadsheets entitled ‘St Albans LP - SRN Flow tables (see Appendix C) and M1 J9 NB Diverge Assessment V2 (Appendix D)	St Albans LP - M1 J9 NB Diverge Assessment V2	Appendix B

2025 April	Additional work undertaken at request of National Highways to generate a potential mitigation proposal for M1 junction 9 northbound off slip diverge, including an initial safety assessment and cost estimate. This fee proposal outlines details of the task which was requested by National Highways on 12th March 2025: • To generate a potential mitigation proposal for M1 Junction 9 diverge which will provide a drawing of the proposal, undertake an initial safety assessment and provide an initial cost estimate • Although not specifically requested by National Highways at the meeting on 12th March it is prudent to assess the proposed mitigation improvement within the AM and PM peak COMET Model St Albans Local Plan Option 3 ahead of the road safety assessment and high-level costing to ensure at a strategic level the proposed design operates effectively.	2025 April Technical Note	Appendix 5
	Proposed layouts prepared for M1 Junction 9 as well as the safety assessment	M1 J9 Safety Assessment 1.0 M1J9 70119618 – WSP-XX-XX-DR-LP-0100-01 to 05	Appendix C
2025 May	Additional work undertaken at request of National Highways to look at M25 Junction 22 in more detail. This fee proposal outlines the tasks WSP have undertaken since the fee proposal from 19th March and 4th April 2025. The tasks we have undertaken are: • Arcady Junction Model of M25 Junction 22 o Review, processing and analysis of 2019 observed data o Calibrating junction model to 2019 flows and queues in google maps	2025 May Technical Note	Appendix 6

	o Undertaking select link analysis to identify Local Plan trips		
	Output is a presentation given at meeting with National Highways on 12th May 2025 ‘HCC St Albans Meeting 12.05.2025’	HCC St Albans Meeting 12.05.2025	Appendix D
2025 May	Revised SADC Comet Run 2041report issued by WSP with correction to a minor coding error	St Albans LP Modelling Report FINAL 22.05.2025	Appendix 7

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https://www.stalbans.gov.uk/sites/default/files/attachments/Planning%20Policy/MSC/240409%20COMET%202014%20Base%20Year%20Model%20Review-SRN.pdf

*weblink2

https://www.stalbans.gov.uk/sites/default/files/attachments/Planning%20Policy/MSC/240701%20COMET%202014%20Base%20Year%20Model%20Review-SRN.pdf