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M65 TERMINUS ROUNDABOUT

Addendum Stage 1 Road Safety Audit

Client: Maple Grove Developments

10/07/2023

Quality Management

Issue Record

ISSUE	REVISION	DESCRIPTION	DATE	PREPARED BY	CHECKED
1	-	Draft	10 July 2023	<i>M Morley</i>	<i>M Hedley</i>
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M65 Terminus Roundabout

Addendum Stage 1 Road Safety Audit

10/07/2023

Overseeing Organisation

National Highways

Client

Maple Grove Development

Design Organisation

WSP

Road Safety Audit Team Organisation

Road Safety Initiatives LLP

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APPENDIX A – Scheme Documents Issued for Road Safety Audit

APPENDIX B – Location Plan

1 Introduction

- 1.1.1 This report results from an Addendum Stage 1 Road Safety Audit carried out on a design change to the proposed amendments to the M65 Terminus Roundabout near Lostock Hall. The design change is an additional lane (3rd lane) on each of the two approaches to the roundabout from the east.
- 1.1.2 This Addendum Stage 1 Road Safety Audit is at the request of Hannah Barrett, WSP (Design Organisation) on behalf of Warren Hilton, National Highways (Overseeing Organisation).
- 1.1.3 The terms of reference of the Road Safety Audit are as described in DMRB GG 119. The Road Safety Audit Team has examined and reported only on the road safety implications in the scheme as presented and has not examined or verified the compliance of the designs to any other criteria.
- 1.1.4 This Addendum Stage 1 Road Safety Audit is only on the design change and therefore this report should be read in conjunction with the previous Stage 1 Road Safety Audit, issued on 5th April 2023.
- 1.1.5 The Road Safety Audit Team membership, approved by Warren Hilton, National Highways (Overseeing Organisation), consisted of:

Team Leader

Martin Morley, BSc (Hons), MCIHT, MSoRSA

Certificate of Competency in Road Safety Audit gained in Feb 2013

Partner, Road Safety Initiatives LLP

Team Members

Mark Hedley, IEng, MCIHT, MSoRSA, FIHE, RegRSA(IHE)

Certificate of Competency in Road Safety Audit gained in Nov 2013

Partner, Road Safety Initiatives LLP

- 1.1.6 The Addendum Stage 1 Road Safety Audit was undertaken in accordance with the Road Safety Audit Brief provided by Hannah Barrett, WSP (Design Organisation) on behalf of Warren Hilton, National Highways (Overseeing Organisation). The Road Safety Audit comprised an examination of the documents provided and listed in **Appendix A**.
- 1.1.7 The information provided for the Road Safety Audit did not include any traffic signal pole, signal head and controller locations. Similarly, no information on the intended traffic signal phasing and staging (or junction modelling output) was made available for road safety audit. The Road Safety Audit Team was therefore unable to provide detailed comments on these aspects of the design.
- 1.1.8 The Road Safety Audit Team had a meeting and visited the site (and another 'Lancashire Central' site) together on Tuesday 28th February 2023 between 10:00 and 11:30 hours. It was generally cloudy and the road surfaces were damp at the time of the site visit. Traffic flows were light and no pedestrians or cyclists were observed.
- 1.1.9 All Road Safety problems are referenced to the design drawings and the locations have been indicated on the plans supplied with the Road Safety Audit Brief in **Appendix B**.

- 1.1.10 This Addendum Road Safety Audit will review the road safety aspects of the design change to proposed amendments at M65 Terminus Roundabout. The Design Team described the design change as “an additional lane (3rd lane) on each of the two approaches from the east, for a length of circa 100m. This third lane then feeds into the three lanes circulatory on the roundabout. Road markings on the circulatory area have also been amended to accommodate this.”
- 1.1.11 The objective of the scheme is to provide safe and suitable access to the proposed ‘Lancashire Central’ mixed-use development.
- 1.1.12 The Road Safety Audit Team was not informed of any Departures from Standard or Strategic Decisions.

2 Items Raised at the previous Road Safety Audit

- 2.1.1 The road safety implications of the proposed improvements at the M65 Terminus Roundabout were the subject of a Stage 1 Road Safety Audit issued in April 2023 by Road Safety Initiatives LLP. This Addendum report should be read in conjunction with the previous Stage 1 Road Safety Audit.

3 Items Raised at this Addendum Stage 1 Road Safety Audit


3.1 TRAFFIC SIGNS, CARRIAGEWAY MARKINGS AND LIGHTING

PROBLEM 3.1.1	
Location	M65 westbound carriageways.
Summary	Possible late lane changes and swipe collisions.
It proposed to use 'ahead and left' arrows with worded destination markings 'A582' and 'BUS PK'. This potentially confusing mixing of destination arrows, leading to different exits from the roundabout, may lead to driver hesitation, possible late lane changes and swipe collisions.	
RECOMMENDATION	
It is recommended that lane arrows are omitted from the M65 westbound carriageways.	

**** END OF IDENTIFIED PROBLEMS AND RECOMMENDATIONS MADE AT THIS
ADDENDUM STAGE 1 ROAD SAFETY AUDIT ****

4 Audit Team Statement

We certify that this Addendum Road Safety Audit has been carried out in accordance with GG 119.

ROAD SAFETY AUDIT TEAM LEADER	
Name:	Martin Morley
Signed:	
Position:	Partner
Organisation:	Road Safety Initiatives LLP
Date:	10 July 2023
ROAD SAFETY AUDIT TEAM MEMBERS	
Name:	Mark Hedley
Signed:	
Position:	Partner
Organisation:	Road Safety Initiatives LLP
Date:	10 July 2023

Appendices, Figures and Tables

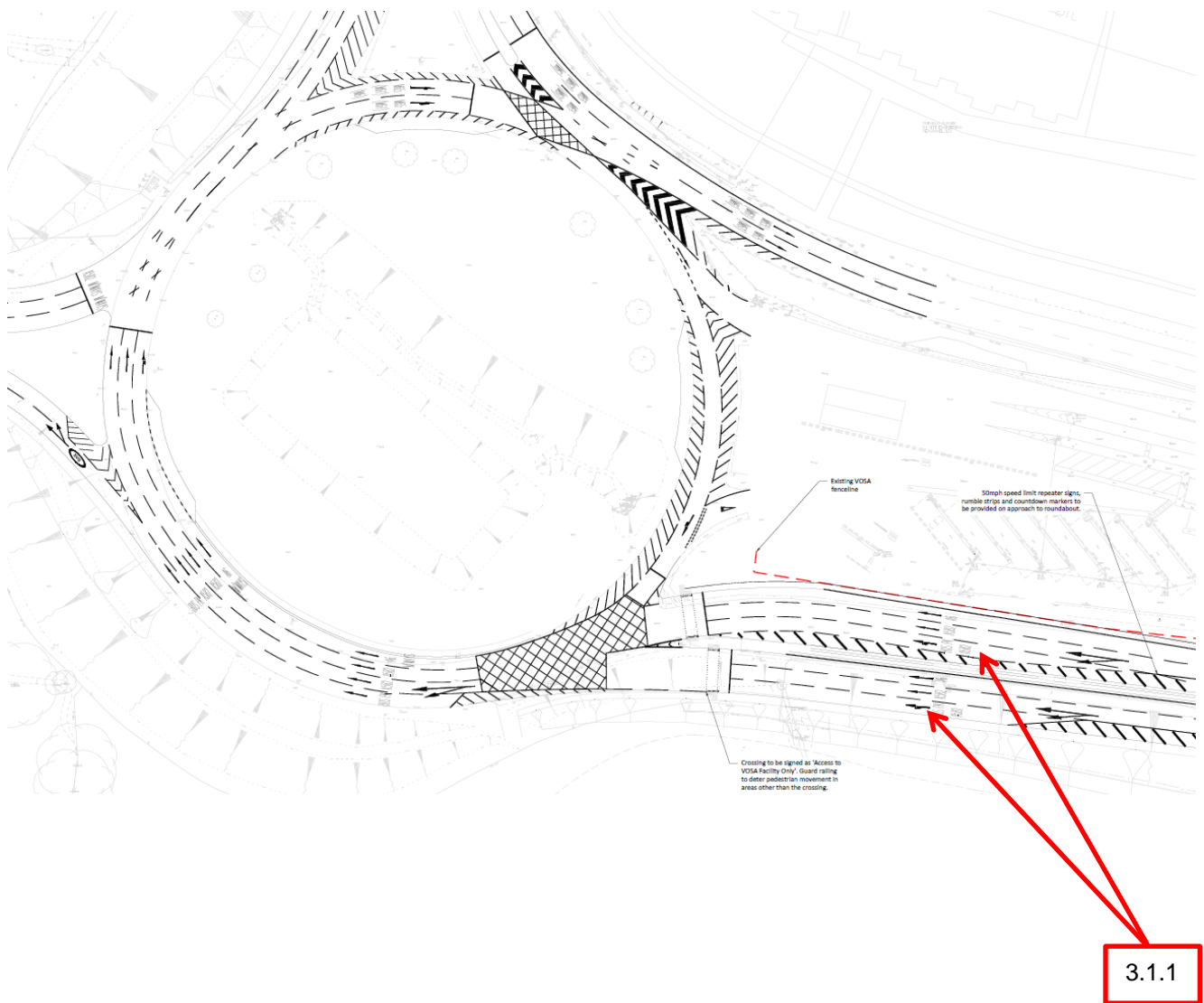
Appendix A: Scheme Documents Issued for Road Safety Audit

DRAWING NUMBER	REV	TITLE
84465-WSP-XX-DR-004	P03	M65 Terminus Roundabout*

*The same drawing, at a scale of 1:500, was also made available to the Road Safety Audit Team.

Appendix B: Location Plan

Numbers refer to problems identified in the text.



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