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RADCLIFFE CIVIC HUB – DALE STREET/CHURCH STREET

Stage 1 Road Safety Audit
Client: Vinci Construction

03/04/2024

Quality Management

Issue Record

ISSUE	REVISION	DESCRIPTION	DATE	PREPARED BY	CHECKED
1	-	Final	03 April 2024	<i>M Hedley</i>	<i>A Bawn</i>
Document number - RSI-MH-0324-004 Issue 1.0					

Radcliffe Civic Hub – Dale Street/Church Street

Stage 1 Road Safety Audit

03/04/2024

Overseeing Organisation

Bury Council

Client

Vinci Construction

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 a Stage 1 Road Safety Audit carried out on the Section 278 works on Dale Street and Church Street in Radcliffe as part of the proposed Civic Hub scheme. This is at the request of Bolu Olufon, WSP (Design Organisation) on behalf of Bury Council (Overseeing Organisation).
- 1.1.2 The terms of reference of the Road Safety Audit are as described in DMRB GG 119¹. 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.
- 1.1.3 The Road Safety Audit Team membership consisted of:
- | | |
|--------------------|---|
| Team Leader | Mark Hedley, IEng, MCIHT, MSoRSA, FIHE, RegRSA(IHE)
Certificate of Competency in Road Safety Audit gained in Nov 2013
Partner, Road Safety Initiatives LLP |
| Team Member | Alan Bawn, BSc (Hons), CEng, MICE
Consultant, Road Safety Initiatives LLP |
- 1.1.4 The Road Safety Audit was undertaken in accordance with the Road Safety Audit Brief provided by Bolu Olufon, WSP (Design Organisation). The Road Safety Audit comprised an examination of the documents provided and listed in **Appendix A**.
- 1.1.5 The drawing provided for the Road Safety Audit did not provide information on the proposed relocation of the signalised crossing point. The Road Safety Audit Team was therefore unable to provide detailed comments on this aspect of the design.
- 1.1.6 The Road Safety Audit Team visited the site together on Tuesday 26 March 2024 between 12:40 and 13:10 hours. It was sunny and the road surfaces were dry at the time of the site visit. During the site visit, traffic flows were moderate, and several pedestrians and no cyclist were observed.
- 1.1.7 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**.
- 1.1.8 This Road Safety Audit will review the road safety aspects of the proposed Section 278 works on Dale Street and Church Street in Radcliffe. The works include bus layby and disabled car parking space improvements. The works are associated with the proposed Civic Hub scheme.
- 1.1.9 The Road Safety Audit Team was not informed of any strategic decision made and agreed by the Overseeing Organisation.
- 1.1.10 The Road Safety Audit Team was not informed of any Departures from Standard.

¹ At time of preparing this report, the RSA Brief was not approved by the overseeing organisation, and the report was issued directly to WSP (acting on behalf of the developer).

2 Items Raised at previous Road Safety Audits

2.1.1 No previous Road Safety Audit has been undertaken on this scheme.

3 Items Raised at this Stage 1 Road Safety Audit

3.1 LOCAL ALIGNMENT

PROBLEM 3.1.1	
Location	Deansgate.
Summary	Potential for conflicts with users of disabled bays.
The existing layby is to be converted to disabled parking bays, as a consequence the required width results in the disabled parking bays protruding into the eastbound traffic lane. This may result in conflicts, namely – • Potential for a vehicle (eastbound) colliding with a parked vehicle and/or pedestrian getting in/out a vehicle. • A vehicle (eastbound) may enter the westbound lane whilst taking avoiding actions, particularly when a pedestrian attempts to get in/out of a vehicle. This could lead to head-on collisions.	
	
RECOMMENDATION	
It is recommended that laybys do not protrude into Deansgate eastbound traffic lane.	

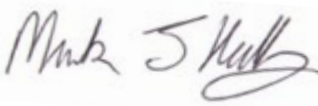
PROBLEM 3.1.2	
Location	Dale Street.
Summary	Potential for vehicle-to-vehicle collisions.
The proposed bus layby layout appears to result in a bus not being able to fully occupy the layby, causing the bus to protrude into Dale Street (westbound) traffic lane. This could result in a westbound vehicle colliding with a stationary bus. 	
RECOMMENDATION	
It is recommended that the layout allows for a bus to fully enter the layby.	

PROBLEM 3.1.3	
Location	Church Street.
Summary	Potential for conflicts with users of disabled/loading bays.
The existing layby is to be converted to disabled parking and loading only bays, as a consequence this may result in potential conflicts, namely – • Disable Bays – A driver entering the first disabled bay may not be able to align their vehicle parallel to the kerbline and also protrude into Church Street. The layout to gain access to the layby remains as existing (no tapered entry) however, the layby is now for disabled drivers only. It is important that the car does not protrude into Church Street, as a disabled driver and/or passengers may become vulnerable to being struck by a passing vehicle. • Loading Only Bay – It would appear that the proposed width of the bay and the parking/road alignment may result in vehicles protruding into Church Street. This could lead to vehicle-to-vehicle collisions.	
	
RECOMMENDATION	
It is recommended that the layout allows all vehicles to enter the layby and not protrude into the traffic lane.	

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

4 Audit Team Statement

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

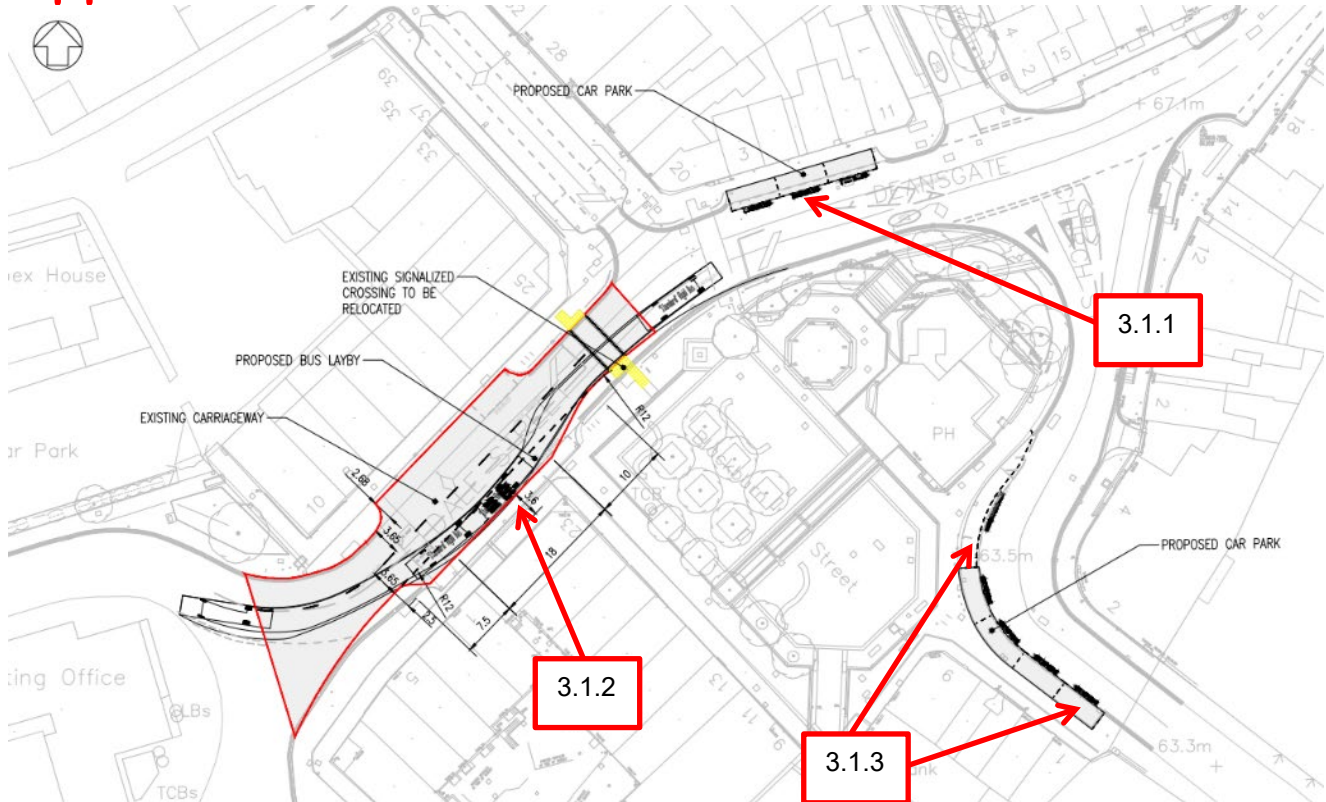
ROAD SAFETY AUDIT TEAM LEADER	
Name:	Mark Hedley
Signed:	
Position:	Partner
Organisation:	Road Safety Initiatives LLP
Date:	03 April 2024
ROAD SAFETY AUDIT TEAM MEMBER	
Name:	Alan Bawn
Signed:	
Position:	Consultant
Organisation:	Road Safety Initiatives LLP
Date:	03 April 2024

Appendices, Figures and Tables

Appendix A: Scheme Documents Issued for Road Safety Audit

DRAWING NUMBER	REV	TITLE
RCH-WSP-ZZ-XX-DR-C-0101	P01	Proposed General Arrangement
RCH-WSP-ZZ-XX-DR-C-0105	P01	Vehicle Tracking
Rev 1	01/04/24	Stage 1 RSA Brief

Appendix B: Location Plan



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