

ENGLISHCOMBE LANE SUPPORTED LIVING.

Stage 1 Road Safety Audit

APRIL 2024



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Stage 1 Road Safety Audit

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Report No 30210292-AUK-XX-XX-RP-TC-0003
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Version Control

Version	Date	Author	Checker	Reviewer	Approver	Changes
P01	16/04/2024	J. Lewis	S. Arayal	D. Rowlands	D. Rowlands	First issue to the Client

This report dated 31 January 2024 has been prepared for Bath & North East Somerset Council (the "Client") in accordance with the terms and conditions of "The Appointment" between the Client and **Arcadis Consulting (UK) Limited** ("Arcadis") for the purposes specified in the Appointment. For avoidance of doubt, no other person(s) may use or rely upon this report or its contents, and Arcadis accepts no responsibility for any such use or reliance thereon by any other third party.

CONTENTS

1	INTRODUCTION.....	1
2	ITEMS RAISED IN PREVIOUS ROAD SAFETY AUDITS.....	2
3	ITEMS RAISED IN THIS STAGE 1 ROAD SAFETY AUDIT	3
3.1	General.....	3
4	AUDIT TEAM STATEMENT	4

APPENDICES

APPENDIX A

Documents forming the Audit Brief

APPENDIX B

Problem Locations

1 Introduction

- 1.1.1 This report results from a Stage 1 Road Safety Audit carried out on the Englishcombe Lane Supported Living works behalf of Rebecca Hales, Project Manager, Bath & North East Somerset Council. The Road Safety Audit was carried out in April 2024.
- 1.1.2 The Road Safety Audit Team membership approved by Dan Friel, Bath and North East Somerset Council, was as follows:
- | | |
|------------------|--|
| Jon Lewis | BEng (Hons) IEng FIHE, CMILT, PRINCE2
Arcadis Consulting (UK) Limited (Highways).
(Certificate of Competency in Road Safety Audit gained in September 2023). |
| Shaligram Arayal | BEng (Hons) CEng MICE, MCIHT
Arcadis Consulting (UK) Limited (Highways)
(Certificate of Competency in Road Safety Audit gained in March 2015). |
- 1.1.3 The Road Safety Audit took place at the Bristol offices of Arcadis Consulting (UK), as well as home working in April 2024. The Road Safety Audit was undertaken in accordance with the Audit Brief provided by Dominik Standsby (Principal Transport Planner, Arcadis Consulting Ltd., the Design Organisation) dated 26 March 2024, and approved by Dan Friel, Bath and North East Council (the Overseeing Organisation).
- 1.1.4 The audit comprised an examination of the drawings/documents provided by Arcadis Consulting (UK) Ltd and listed in Appendix A and consisted of The Road Safety Audit Brief and Englishcombe Lane Concept Design Sheet 1 of 2.
- 1.1.5 The Audit Team visited the site of the proposed scheme together on 3rd April 2024 between 11:50 and 12:10 (during the hours of daylight). Englishcombe Lane was closed to vehicular traffic due to re-surfacing works. Therefore, no vehicular traffic was observed on Englishcombe Lane during the site visit. The weather was dry and the carriageway was wet.
- 1.1.6 The Terms of Reference of the Road Safety Audit are as described in GG 119 Road Safety Audit. The Road Safety Audit Team has examined and reported on the road safety implications of the scheme as presented and has not been examined or verified for compliance with any other criteria. However, to clearly explain a problem or a recommendation to resolve a problem, it may be necessary to refer to another Standard or Advice Note, but such reference will not conflict with the requirements of the above Terms of Reference.
- 1.1.7 All comments and recommendations are referenced to the layout drawings and the locations have been indicated on the A3 plan supplied with the Road Safety Audit Brief and provided in Appendix B.
- 1.1.8 The scheme comprises the creation of a new junction onto Englishcombe Lane, incorporating a footway crossover along with a narrowing of the carriageway.
- 1.1.9 Personal Injury Collision (PIC) data for the scheme area was provided for the five year period encompassing 2018 to 2022. One PIC (Slight category two vehicle one casualty on 16.04.2021) was reported in the vicinity (approximately 300m west of the proposed junction) of the scheme.

2 Items Raised in Previous Road Safety Audits

2.1.1 The Audit Team have not been made aware of any previous Road Safety Audits.

3 Items Raised in this Stage 1 Road Safety Audit

3.1 General

3.1.1 PROBLEM

Location: A – New junction with Englishcombe Lane. (Drg No.: 30210292-ARC-XX-XX-DR-HE-00001 Rev P01)

Summary: Risk of vehicle striking the proposed junction build-outs.

The provision of guidance carriageway markings notwithstanding, approaching motorists may not appreciate the narrowing of the carriageway, especially during night time or periods of inclement weather. This may result in motor vehicles striking the build outs leading to a loss of control type collisions and personal injury.

RECOMMENDATION

It is recommended that the presence of the buildouts is highlighted with advanced warning signs and suitable reflective bollards.

3.1.2 PROBLEM

Location: B – New junction with Englishcombe Lane. (Drg No.: 30210292-ARC-XX-XX-DR-HE-00001 Rev P01)

Summary: Risk of head on type collisions.

The vehicle tracking for vehicles exiting the proposed junction and wishing to travel west shows them using the opposing carriageway, i.e. the east bound side of the road. Should vehicles be present on Englishcombe Lane and travelling east, they are at risk of a head on collision with those exiting the junction. We observe the access road width/extents to the development is not clearly defined in the design drawing. Therefore, it is not possible to determine if this westbound egress manoeuvre can be undertaken safely without crossing on to the eastbound carriageway.

RECOMMENDATION

Before commencing detailed design, ensure the access road details and footprint is clearly defined. In addition, ensure vehicle tracking for vehicles exiting the junction and travelling east is undertaken and the layout amended to allow this manoeuvre to be undertaken safely.

4 AUDIT TEAM STATEMENT

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

ROAD SAFETY AUDIT TEAM LEADER

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Signed:



Date: 03/04/2024

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Signed:



Date: 03/04/2024

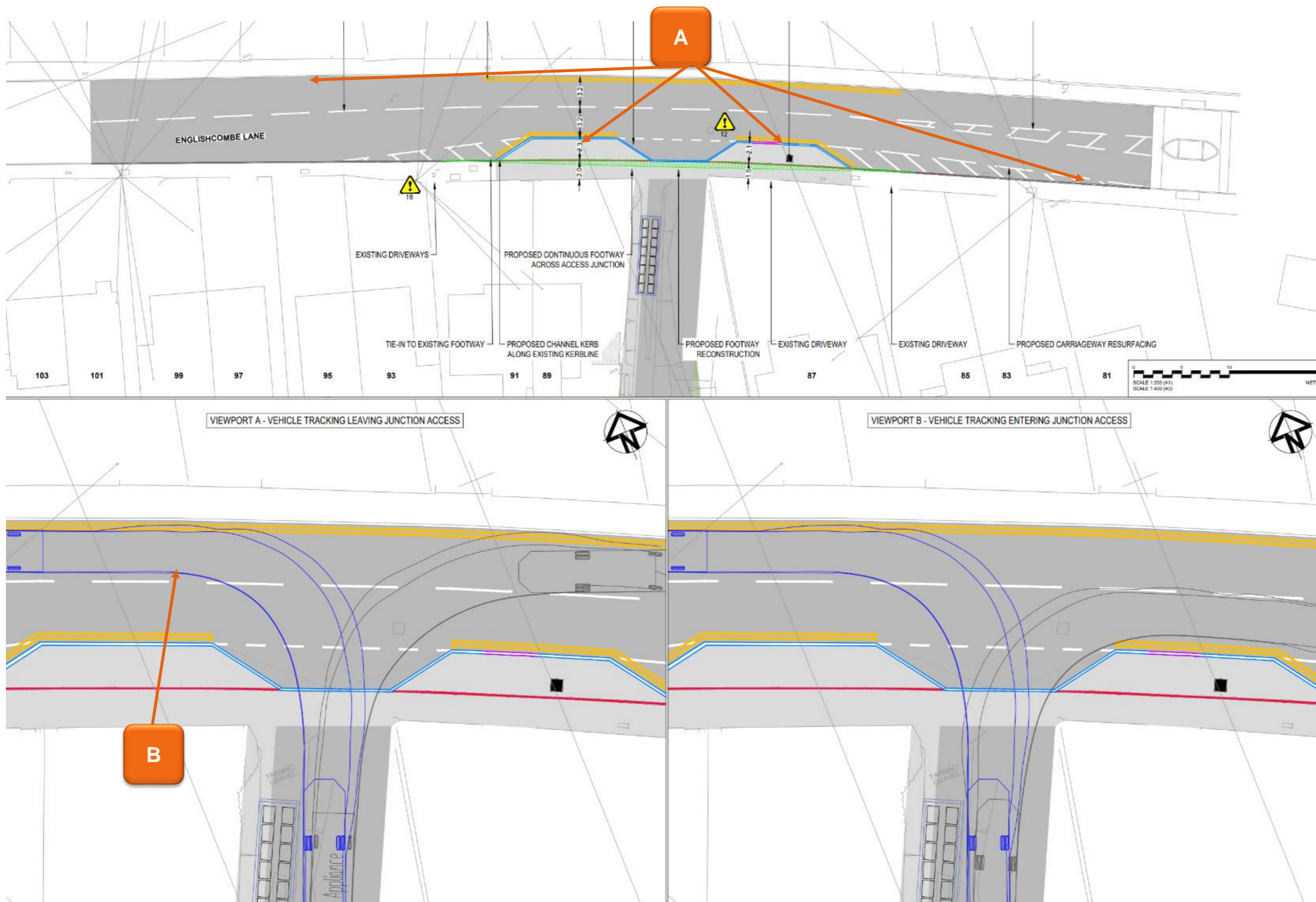
Appendix A

Documents forming the Audit Brief

DRAWING NUMBER	DRAWING TITLE
30210292-ARC-XX-XX-DR-HE-00001 P03	Englishcombe Lane Concept Design Sheet 1 of 2
DOCUMENT NUMBER	DOCUMENT DETAILS
30210292-AUK-XX-XX-RP-TP-0002 P02	Englishcombe Lane Supported Living Stage One Road Safety Audit Brief.

Appendix B

Problem Locations



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