

Road Safety Audit Report

**Incorporating
Stage 1 Completion of Preliminary Design;
Design Organisation Response to items raised; and
Auditors View of Design Organisation Response.**



Proposed accesses off Hook Lane Aldingbourne

Client:
Bellamy Roberts

Client reference:
5399

Fenley
2 Blaenant
Emmer Green
READING
RG4 8PH

E: office@fenley.co.uk
www.fenley.co.uk

Report Status 4

Job no	RSA-20-145	Issue no	4	Date	December 2020
Prepared by	JJF	Verified by	FB	Approved by	JJF
Filename and Path	Fenley/Road Safety Audits/RSA-20/RSA-20-145-4				

1.0 PROJECT DETAILS

Report Title:	Stage 1 Road Safety Audit
Date:	December 2020
Document reference and revision:	RSA-20-145-4
Prepared by:	Fenley Road Safety Limited
On behalf of the Overseeing Organisation:	West Sussex County Council
Design Organisation:	Bellamy Roberts LLP
Project Sponsor:	Genesis Town Planning

REV	ISSUE PURPOSE	AUTHOR	CHECKED	APPROVED	DATE
0	Stage 1 Road Safety Audit drafted for Audit Team discussions	FB			11 th December 2020
1	Stage 1 Road Safety Audit finalised and issued to the Design Organisation	JJF	FB	JJF	22 nd December 2020
2	Stage 1 Road Safety Audit Report format amended to incorporate a row for inclusion of a Design Organisation Response in order to maintain a concise record of items raised	JJF			22 nd December 2020
3	Design Organisation Response incorporated	Matt Twinberrow on behalf of Bellamy Roberts			23 rd December 2020
4	Auditor's View of Design Organisation Response	JJF			23 rd December 2020

Contents:

1.0	Project Details	1
2.0	Introduction	2
3.0	Items Raised in any previous Road Safety Audits	3
4.0	Items Raised in this Stage 1 Road Safety Audit	4
	A.1 Alignment	
	A.2 General	
	A.3 Junctions	
	A.4 Walking, Cycling and Horse Riding	
	A.5 Road Signs, Carriageway Markings and Lighting	
5.0	Audit Team Statement	6

Appendices:

Stage 1	A1	Documents and Drawings provided for this Road Safety Audit
	A2	Item Location Plan
	A3	Drawings associated with the Design Organisation Response

2.0 INTRODUCTION

- 2.1 This report has been prepared by Fenley Road Safety Limited and results from a Stage 1 Road Safety Audit of two proposed accesses off Hook Lane in Aldingbourne. It is proposed to develop a parcel of land known as the former PACSO Site, to provide 10 dwellings; eight accessed via a bellmouth and two via a vehicular crossover. Hook Lane has recently been subject to highway works that have provided a footway along the western side of the carriageway where the accesses are proposed.
- 2.2 The Audit Brief identifies that the proposals do not include any Departures from Standard, whether related to strategic decisions or otherwise.
- 2.3 The Road Safety Audit was undertaken during December 2020 in accordance with the Road Safety Audit Brief provided on the 2nd December 2020 by the Design Organisation, Bellamy Roberts, on behalf of the Project Sponsor, Genesis Town Planning. The Road Safety Audit comprised of a site visit as well as an examination of the documents provided which are identified in **Appendix A1**. The Audit Team were satisfied that that the Audit Brief was sufficient for the purpose of the Audit instructed.
- 2.4 The Road Safety Audit has been undertaken by an Audit Team whose qualifications and experience accord with the requirements of GG119. The Audit Team consists of the following members:

Audit Team Leader

Jamie Fenning *BSc(Hons), MIHE, MCIHT, MSoRSA, Highways England RSA Certificate of Competency*
Road Safety / Highway Engineer

Audit Team Member

Farouk Bhatti *MCIHT*
Road Safety Auditor

- 2.5 The site visit associated with this Road Safety Audit was undertaken by the Audit Team Leader and Audit Team Member, during the early afternoon of Thursday 10th December 2020 between 1:10pm and 1:30pm. The site visit involved walking and driving around the local highway network for a 20-minute period whilst observing local infrastructure and current off-peak traffic conditions. The weather during the site visit was overcast with light rain, the road surface was wet and visibility was good. A number of pedestrians but no cyclists were observed during the site visit. Vehicular traffic to include cars and light as well as medium goods vehicles were also observed. Hook Lane was subject to traffic management during the site visit with the road closed just south of Grender Way and that the footway at the location of the proposed access was fenced off. It is understood that the works being undertaken were associated with the surface water drainage system.

- 2.6 The terms of reference of this Road Safety Audit are as described in GG119. The scheme has been examined and this report compiled, only with regard to the safety implications for road users of the scheme as presented. It has not been examined or verified for compliance with any other standards or criteria. However, in order to clearly explain a safety problem or the recommendation to resolve a problem, the Audit Team may on occasion have referred to a design standard for information only. All comments and recommendations are referenced to the design drawings supplied with the Audit Brief and the location of road safety concerns raised have been illustrated beneath the items along with relevant photographs for clarity, where appropriate, as well as on the Location Plan attached at **Appendix A2**.

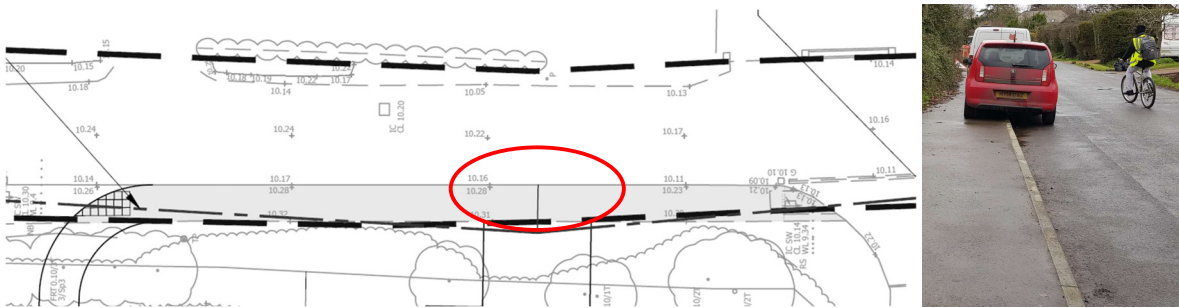
Design Organisation Response

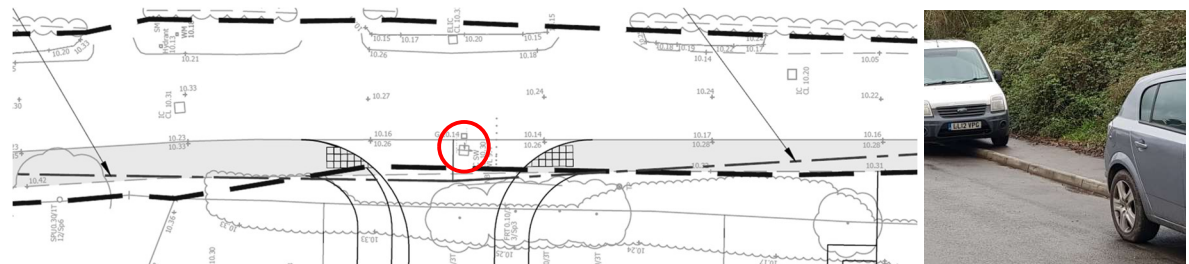
- 2.7 In accordance with national standards, this Road Safety Audit was finalised and issued to the Design Organisation as per the Road Safety Audit Report Template within Appendix D of GG119, which can be provided upon request from either the Audit Team or Design Organisation. The format of the Audit Report was subsequently revised to incorporate these paragraphs under the sub-heading as well as sufficient space beneath the items and recommendation, within Section 4, for the inclusion of a Design Organisation Response. This is generally contained within a separate Design Organisation Response Report but is included within this document in order to maintain a single record of all problems, recommendations and responses for the benefit of a concise Road Safety Audit trail to be held on file for Quality Assurance purposes.
- 2.8 The Design Organisation Response has been prepared by:
Name: Matt Twinberrow
Position / Organisation: Associate Partner, Bellamy Roberts LLP
- 2.9 Any drawings or documents associated with the Design Organisation Response are listed at **Appendix A3**, if applicable.
- 2.10 Upon the request of the Design Organisation and following receipt of the Design Organisation Response with any associated drawings, the Road Safety Audit Team Leader has provided a further comment on the item raised. The "Auditor's View on the Design Organisation Response" is included within a row beneath each item, for clarity.

3.0 ITEMS RAISED IN ANY PREVIOUS ROAD SAFETY AUDITS

- 3.1 Fenley Road Safety Limited have not been made aware of any previous road safety audits associated with the proposals.

4.0 ITEMS RAISED AT THIS STAGE 1 ROAD SAFETY AUDIT

A.1	LOCAL ALIGNMENT
	<i>No Road Safety Concerns regarding LOCAL ALIGNMENT have been raised at this stage</i>
A.2	GENERAL
A.2.1	PROBLEM
Location:	Proposed vehicular crossover
Summary:	Full height kerbs will be an obstruction
Acc Type:	Vehicle loss of control
A footway has recently been provided along the Hook Lane site frontage as part of an adjacent development, that is bounded by full height kerbs alongside the carriageway and vegetation alongside the site. The proposals are to redevelop the application site to accommodate 10 dwellings with 8 accessed via a bell mouth and 2 via a vehicular crossover. The scheme drawing provided with the Audit Brief, does not identify that the kerbing at the proposed vehicular crossover is to be dropped. Full height kerbs at a vehicular access will be an obstruction and could give rise to loss of control type collisions.	
RECOMMENDATION:	
It is recommended that dropped kerbs are provided where necessary	
Location Plan: 	
DESIGN ORGANISATION RESPONSE provided by Bellamy Roberts on the 23 rd December 2020 following formal issue of this Stage 1 Road Safety Audit on the 22 nd December 2020	
Accepted – The proposals are preliminary at this stage, dropped kerbs will be provided and identified at the detailed design stage.	
AUDITOR'S VIEW OF DESIGN ORGANISATION RESPONSE dated 23 rd December 2020	
Confirmation that dropped kerbs will be provided, addresses the road safety concern raised at this stage.	

A.2.2	PROBLEM
Location:	Proposed bellmouth access
Summary:	Existing road gully and inspection chamber are situated within the proposed access
Acc Type:	Vehicle loss of control
A footway has recently been provided along the Hook Lane site frontage as part of an adjacent development. As part of those works, a number of road gullies have been provided to cater for the surface water that would have previously drained to the soft verge that was present prior to the works. The proposals are to redevelop the application site to accommodate 10 dwellings with 8 accessed via a bell mouth and 2 via a vehicular crossover. The scheme drawing provided with the Audit Brief is based on a topographical survey that identifies that a gully and inspection chamber are present at the location of the proposed bellmouth, however, no notes highlight that the items are to be relocated. A road gully and cover situated within an access, are an obstruction and could give rise to loss of control type incidents particularly for two-wheeled vehicles.	
RECOMMENDATION:	
It is recommended that gully and associated inspection chamber are relocated	
Location Plan: 	
DESIGN ORGANISATION RESPONSE provided by Bellamy Roberts on the 23 rd December 2020 following formal issue of this Stage 1 Road Safety Audit on the 22 nd December 2020	
Accepted – The proposals are preliminary at this stage, the existing surface water drainage network will be assessed at the detailed design stage and upgraded if necessary.	
AUDITOR'S VIEW OF DESIGN ORGANISATION RESPONSE dated 23 rd December 2020	
Confirmation that the gully will be relocated, addresses the road safety concern raised at this stage.	
A.3	JUNCTIONS
	No Road Safety Concerns regarding JUNCTIONS have been raised at this stage
A.4	WALKING CYCLING AND HORSE RIDING
	No Road Safety Concerns regarding WALKING CYCLING AND HORSE RIDING have been raised at this stage
A.5	ROAD SIGNS, CARRIAGEWAY MARKINGS AND LIGHTING
	No Road Safety Concerns regarding ROAD SIGNS, CARRIAGEWAY MARKINGS AND LIGHTING have been raised at this stage

5.0 STAGE 1 ROAD SAFETY AUDIT TEAM STATEMENT

5.1 We certify that this Road Safety Audit has been carried out in accordance with GG119.

Audit Team Leader

Name: **Jamie Fenning** *BSc (Hons), MIHE, MCIHT, MSoRSA, HE RSA Certificate of Competency*

Signed:



Position: Road Safety / Highway Engineer

Organisation: Fenley Road Safety Limited

Date: 23rd December 2020

Audit Team Member

Name: **Farouk Bhatti** *MCIHT*

Signed:



Position: Road Safety Engineer

Organisation: Fenley Road Safety Limited

Date: 22nd December 2020

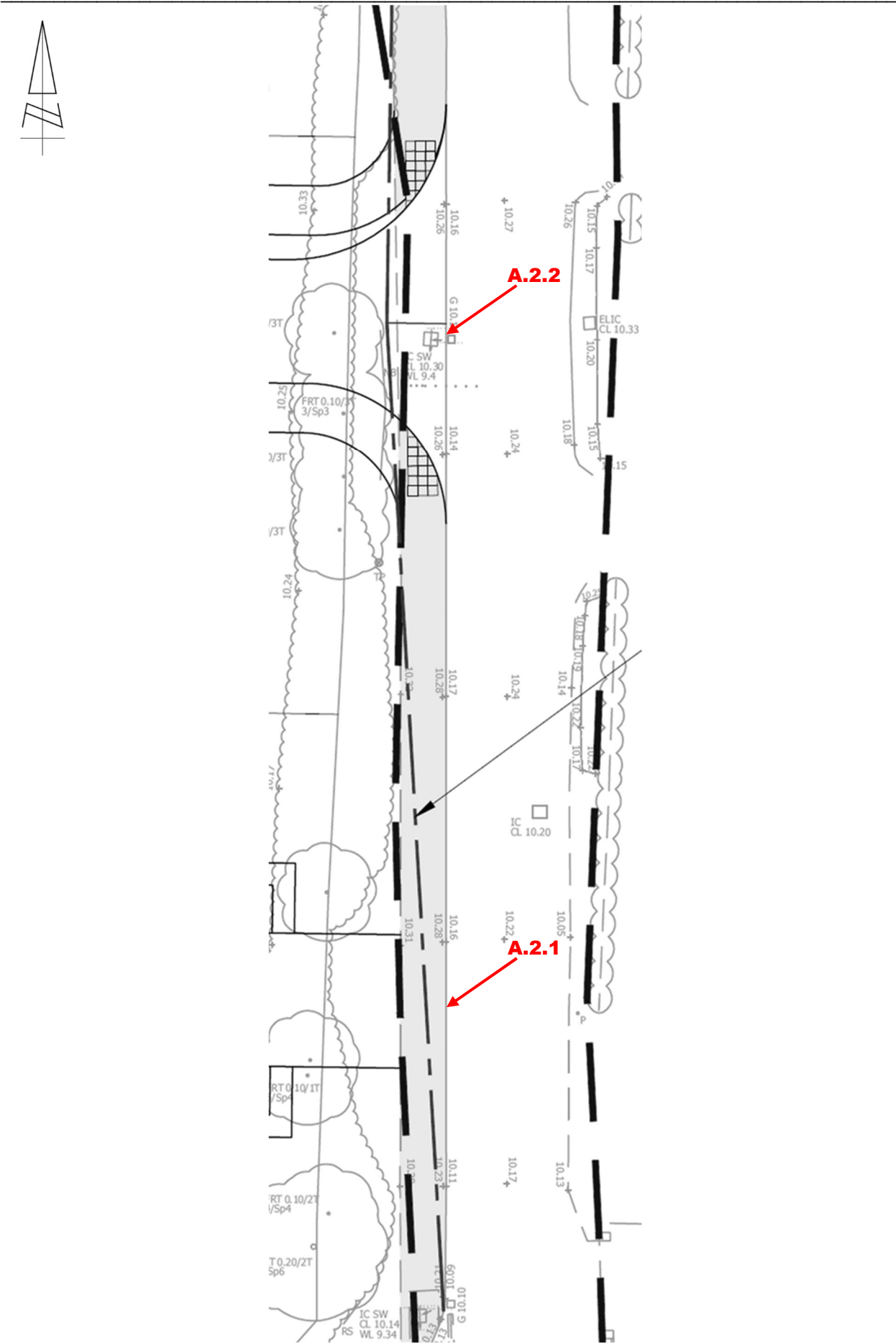
Appendix A1

Documents and Drawings provided for this Stage 1 Road Safety Audit

<u>Audit Stage</u>	<u>Doc. No.</u>	<u>Rev</u>	<u>Title</u>
Stage 1	Email of 2 nd Dec. '20		Stage 1 Road Safety Audit Brief
	MT-5399-TS	2	Transport Statement
	<u>Dwg No.</u>	<u>Rev</u>	<u>Title</u>
	5399-001	B	Access Visibility

Appendix A2

Item Location Plan



Appendix A3

Drawings associated with the Design Organisation Response

<u>Audit Stage</u>	<u>Drawing No.</u>	<u>Rev</u>	<u>Title</u>
Stage 1			

fenley