

# Road Safety Audit Report

**Incorporating  
Stage 1 Completion of Preliminary Design;  
Design Organisation Response to items raised; and  
Auditor's View on the Design Organisation Response.**



## **Proposed Pedestrian, Cyclist and Emergency Access off Copper Lane Marden**

**Client:**  
i-Transport

**Client reference:**  
ITB15098

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**Report Status**      4

<b>Job no</b>	RSA-24-113	<b>Issue no</b>	4	<b>Date</b>	September 2024
<b>Prepared by</b>	JJF	<b>Verified by</b>	LA	<b>Approved by</b>	JJF
<b>Filename and Path</b>	Fenley/Road Safety Audits/RSA-24/RSA-24-113-4				

**1.0 PROJECT DETAILS**

Report Title:	Stage 1 Road Safety Audit
Date:	September 2024
Document reference and revision:	RSA-24-113-4
Prepared by:	Fenley Road Safety Limited
On behalf of the Overseeing Organisation:	Kent County Council
Design Organisation:	i-Transport
Project Sponsor:	B.Yond Homes

REV	ISSUE PURPOSE	AUTHOR	CHECKED	APPROVED	DATE
0	Stage 1 Road Safety Audit drafted for Audit Team discussions	JJF			10 <sup>th</sup> September 2024
1	Stage 1 Road Safety Audit finalised and issued to the Design Organisation	JJF	LA	JJF	11 <sup>th</sup> September 2024
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		11 <sup>th</sup> September 2024
3	Design Organisation Response incorporated		Mark Gimingham on behalf of i-Transport		11 <sup>th</sup> September 2024
4	Audit's road safety view of response in respect of design change		JJF		11 <sup>th</sup> September 2024

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**Appendices:**

Stage 1	A1	Documents and Drawings provided for this Road Safety Audit
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## 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 a proposed pedestrian, cyclist and emergency access off Copper Lane in Marden, Kent. The proposed access is to be taken off Copper Lane at the location of an existing field gate. The scheme is to facilitate access between a development of circa 117 dwellings and the shared surface rural lane. This document is a revision of a previous Stage 1 Road Safety Audit that assessed the scheme subject to this document as well as a proposed vehicular access off Albion Road to the west.
- 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 September 2024 in accordance with the original Road Safety Audit Brief and scheme drawing provided, on the 10<sup>th</sup> January and 10<sup>th</sup> September 2024 by the Design Organisation, i-Transport, on behalf of the Project Sponsor, B.Yond Homes. The Road Safety Audit comprised 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 as well as experience accord with the requirements of GG119 and have been approved to undertake this Road Safety Audit by Mr Tom Harris, Development Planner at Kent County Council. The Audit Team consists of the following members:
- Audit Team Leader**  
**Jamie Fenning** *BSc(Hons), MIHE, MCIHT, MSoRSA, National Highways RSA Certificate of Competency*  
Road Safety / Highway Engineer
- Audit Team Member**  
**Lisa Allen** *MSc, BEng(Hons), MCIHT, MSoRSA, National Highways RSA Certificate of Competency*  
Road Safety / Highway Engineer
- 2.5 The site visit associated with this Road Safety Audit was undertaken during the hours of daylight during the afternoon of 15<sup>th</sup> February 2024 between the hours of 14:30 and 15:15. The site visit involved walking and driving around the local highway network for a 45-minute period whilst observing the existing infrastructure and off-peak traffic conditions. The weather during the site visits was overcast, the road surface was dry with damp patches and visibility was good. A couple of lone 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. The traffic flow was light, vehicular speeds were not recorded by the Audit Team.

- 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**.

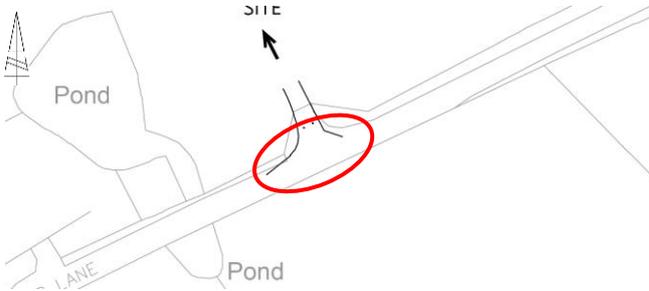
#### ***Design Organisation Response***

- 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 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 Lead Contractor Response has been prepared by:  
Name: Mark Gimingham  
Position / Organisation: Managing Partner, i-Transport
- 2.9 Any drawings or documents associated with the 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 undertook a Stage Road Safety Audit of the scheme that is subject of this document in for in April 2024, ref: RSA-23-24-005. That document also assessed the road safety aspects of a proposed vehicular access which has been developed and is subject to separate Stage 1 Road Safety Audits, ref: RSA-24-067 and RSA-24-070. The scheme assessed within this document remains unchanged from that presented within the Audit Brief associated with the previous Stage 1 Road Safety Audit.

**4.0 ITEMS RAISED AT THIS STAGE 1 ROAD SAFETY AUDIT**

<b>A.1</b>	<b>LOCAL ALIGNMENT</b>
	<i>No Road Safety Concerns regarding LOCAL ALIGNMENT have been raised at this stage.</i>
<b>A.2</b>	<b>GENERAL</b>
<b>A.2.2</b>	<b>PROBLEM</b>
<b>Location:</b>	Copper Lane
<b>Summary:</b>	Vehicles are likely to continue to utilise the proposed access as a passing bay
<b>Acc Type:</b>	Vehicle loss of control and to non-motorised user type collision
<p>Copper Lane is a rural single carriageway lane that allows for one-way traffic only. A number of field accesses are present along the lane which as observed during the site visit, are utilised as passing places. The proposals include modifications to an existing field access to form a pedestrian, cyclist and emergency access associated with a proposed development of circa 120 dwellings. The scheme drawing illustrates that visibility to / from the proposed access is achievable in accordance with observed speeds, albeit to the centre of the carriageway to the west and a 0.5 metre offset to the east, and therefore non-motorised users and approaching motorists will become aware of one another. No details of the proposed surface have been provided at this stage, however, it would appear that the existing geometric parameters of the access are to be amended. This results in a reduction in the area that can be utilised for vehicles to pass. The Audit Team have concerns that vehicular traffic will attempt to utilise the access as a passing place. A vehicle attempting to utilise a passing place which does not benefit from adequate geometry, is likely to encroach outside the carriageway which may lead to loss of control as well as vehicle to non-motorised user type collisions.</p>	
<b>RECOMMENDATION:</b>	
It is recommended that the geometric parameters of the access are retained to allow for use as a passing bay.	
<p><b>Location Plan:</b></p>  	

**DESIGN ORGANISATION RESPONSE provided by i-Transport on the 11<sup>th</sup> September 2024 following formal issue of this Stage 1 Road Safety Audit on the 11<sup>th</sup> September 2024**

Agreed – The existing geometry within the adopted highway will be retained with the proposed pedestrian / cyclist and emergency access taken off the back edge of the informal passing bay as show in drawing ITB15098-GA-057A.

**AUDITOR’S VIEW OF DESIGN ORGANISATION RESPONSE dated 11<sup>th</sup> September**

Confirmation that the existing informal passing bay will be retained, addresses the road safety concern 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**

**A.4.1                PROBLEM**

**Location:** Albion Road and Copper Lane

**Summary:** Pedestrians could step into the live carriageway without warning

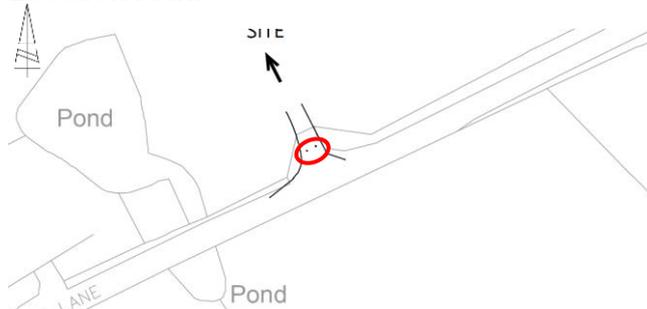
**Acc Type:** Vehicle to pedestrian type collision

Copper Lane is rural in nature and does not benefit from footways but is subject to a 30mph speed limit. The proposals include the provision of a pedestrian, cyclist and emergency access off Copper Lane at the location of an existing field gate. The proposed pedestrian, cyclist and emergency access will allow level access to the carriageway, however, the Audit Team have concerns that no measures are provided to warn pedestrians of the change in characteristics of the route. Pedestrians and cyclists stepping from a shared footway cycleway onto a live carriageway, could unknowingly step into the path of an oncoming vehicle which may lead to a vehicle to non-motorised user collisions.

**RECOMMENDATION:**

It is recommended that measures are provided to highlight the change in characteristics of the route.

**Location Plan:**





<b>DESIGN ORGANISATION RESPONSE provided by i-Transport on the 11<sup>th</sup> September 2024 following formal issue of this Stage 1 Road Safety Audit on the 11<sup>th</sup> September 2024</b>	
Agreed – Corduroy paving will be provided along with signage to highlight the transition from the footway / footway cycleway link to the shared surface rural carriageway.	
<b>AUDITOR’S VIEW OF DESIGN ORGANISATION RESPONSE dated 11<sup>th</sup> September</b>	
<i>Confirmation that hazard warning corduroy paving and signage will be provided, addresses the road safety concern at this stage.</i>	
<b>A.5</b>	<b>TRAFFIC SIGNS, CARRIAGEWAY MARKINGS AND LIGHTING</b>
	<i>No Road Safety Concerns regarding TRAFFIC SIGNS, CARRIAGEWAY MARKINGS AND LIGHTING have been raised at this stage.</i>

## 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, NH RSA Certificate of Competency*

Signed:



Position: Road Safety / Highway Engineer

Organisation: Fenley Road Safety Limited

Date: 11<sup>th</sup> September 2024

### Audit Team Member

Name: **Lisa Allen** *MSc, BEng(Hons), MCIHT, MSoRSA, NH RSA Certificate of Competency*

Signed:



Position: Road Safety Engineer

Organisation: Fenley Road Safety Limited

Date: 10<sup>th</sup> September 2024

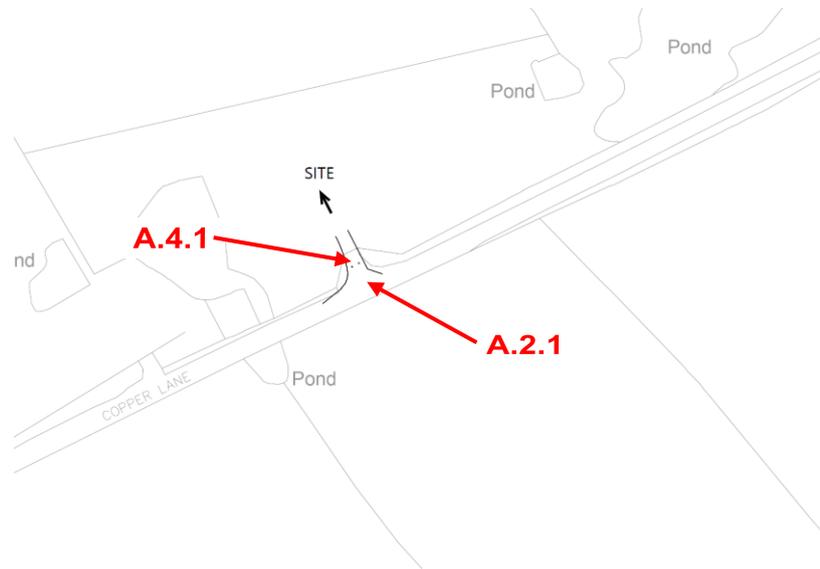
## Appendix A1

### 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 Dated 10 <sup>th</sup> Jan. '24		Preliminary Road Safety Audit Brief
	ITB15098-104	-	Stage 1 Road Safety Audit Brief
	ITB15098-103	A	Transport Assessment
	<u>Dwg No.</u>	<u>Rev</u>	<u>Title</u>
ITB15098-GA-057	-	Proposed Pedestrian / Cycle / Emergency Access on Copper Lane	

## **Appendix A2**

### **Item Location Plan**



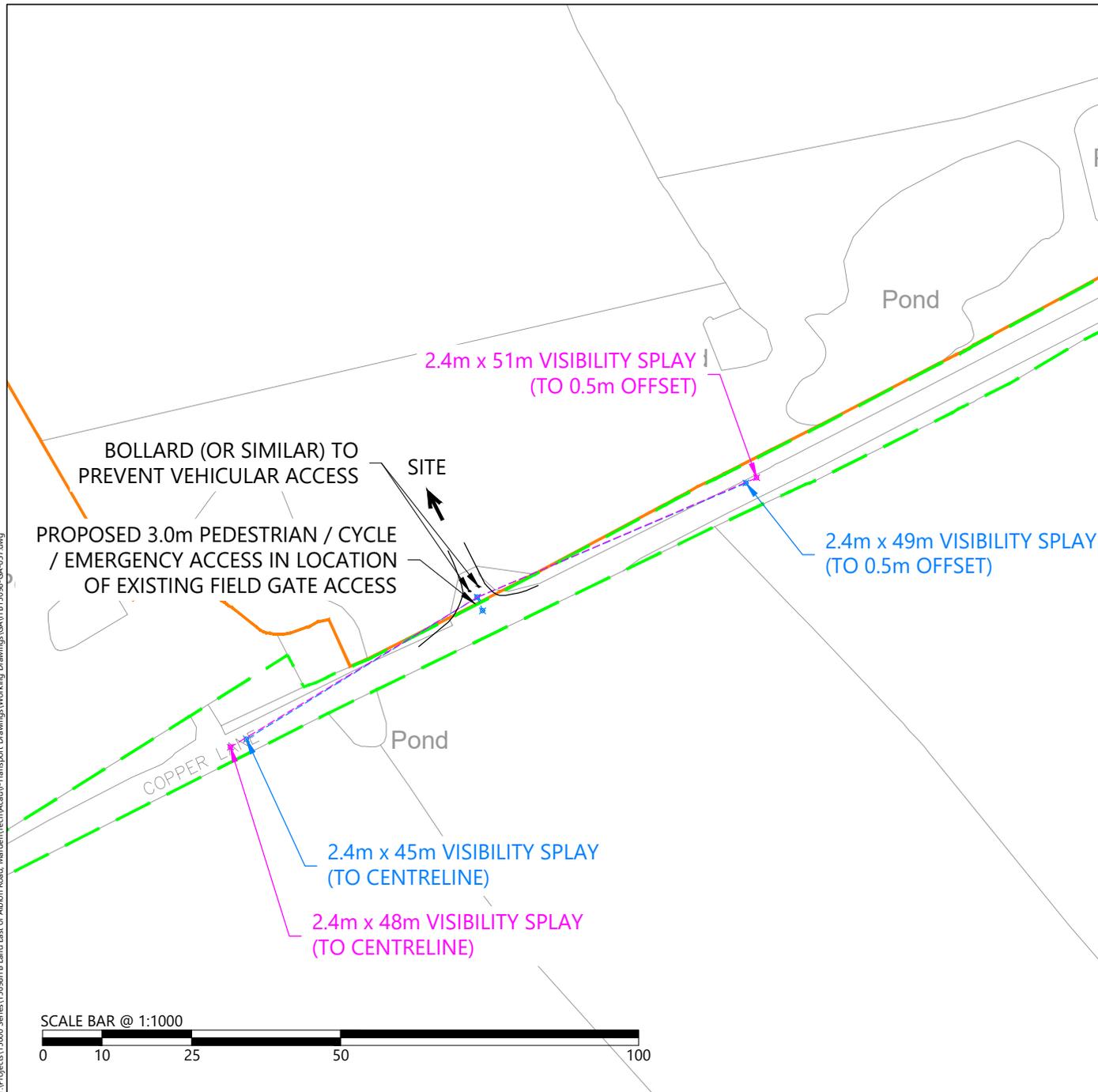
## Appendix A3

### Drawings associated with the Design Organisation Response

<u>Audit Stage</u>	<u>Drawing No.</u>	<u>Rev</u>	<u>Title</u>
Stage 1	ITB15098-GA-057	A	Proposed Pedestrian / Cycle / Emergency Access on Copper Lane

fenley

T:\Projects\15000\_Series\15098\ITB Land Bar of Albion Road, Marden\Tech\Acad\IT-Transport Drawings\Working Drawings\GA\ITB 15098-GA-057.dwg



**KEY:**

- INDICATIVE SITE BOUNDARY
- - - HIGHWAY BOUNDARY

**NOTE: VISIBILITY SPLAYS TO BE KEPT CLEAR OF ANY VEGETATION**

REV	DATE	BY	DESCRIPTION	CHK	APD

STATUS: **FOR PLANNING**



The Square, Basing View, Basingstoke, Hampshire, RG21 4EB  
Tel: 01256 637940  
www.i-transport.co.uk

TITLE: **PROPOSED PEDESTRIAN / CYCLE / EMERGENCY ACCESS ON COPPER LANE**

PROJECT: **ALBION ROAD, MARDEN**

CLIENT: **B.YOND HOMES LIMITED**

DRAWN: JD	CHECKED: MG	APPROVED: MG
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PROJECT No: ITB15098	SCALE @ A4: 1:1000	DATE: 10.09.24
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DRAWING No: ITB15098-GA-057	REV: -
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