

Road Safety Audit – Bristol Road, Frampton Cotterell

Stage: 2

Location: B4058 Bristol Road, Frampton Cotterell, South Gloucestershire

Site: Proposed central refuge island

ATSS Ref: 230905

Client Ref: 23154

Date: 26 October 2023



**Avon Traffic &
Safety Services**

36 Cotswold Road
BRISTOL BS3 4NT
Tel 07486 584592
www.avontss.uk

Project Details

Report Title:	Stage 2 road safety audit, B4058 Bristol Road, Frampton Cotterell
Date:	26 October 2023
Document reference and revision:	230905 V1
Prepared by:	Avon Traffic & Safety Services Ltd
On behalf of:	Highgate Transportation Ltd

Report Control Sheet

	Name	Position	Date
Audit requested by	Darren Cox	Highgate Transportation Ltd	19 October 2023
Team leader	Nick Jeanes	Team Leader	
Team Member	Cath Boutwood	Team Member	
Observer			
Draft report issued by	Nick Jeanes	Team Leader	25 October 2023
Final report issued by	Nick Jeanes	Team Leader	26 October 2023
Designer's response issued by			

Avon Traffic & Safety Services Ltd disclaims any responsibility to the Client and others in respect of any matters outside the scope of this report. This report has been prepared with reasonable skill, care and diligence within the terms of the Contract with the Client taking account of the manpower, resources, investigations and testing devoted to it by agreement with the Client. This report is confidential to the Client and Avon Traffic & Safety Services Ltd accepts no responsibility of whatsoever nature to third parties to whom this report or any part thereof is made known. Any such party relies upon the report at their own risk.

Contents	Page
1. Introduction	4
2. Road Safety Issues raised in this Stage 2 safety audit	6
3. Audit Team Statement	6
Appendix A – Information utilised in this safety audit	7
Appendix B - Key Plan showing proposals	8
Appendix C – Site location plan	9

1. Introduction

- 1.1 Avon Traffic & Safety Services Ltd has been commissioned by Highgate Transportation Ltd, to undertake a Stage 2 Road Safety Audit, with regard to the proposals to create a pedestrian refuge island adjacent to 119 Bristol Road, Frampton Cotterell. The proposals include uncontrolled pedestrian crossing dropped kerbs with tactile slabs on both sides of the island. The island will be 1.3 metres wide with 3.0 metre wide running lanes, as agreed with the South Gloucestershire Council Highways Officer
- 1.2 The RSA Brief was supplied by Highgate Transportation Ltd and accepted by the Audit Team. The Brief and Audit Team were approved by Darren Cox, Highgate Transportation Ltd.
- 1.3 The B4058 connects the A4174 Bristol Ring Road/M4/M32 to the south, with Yate/Chipping Sodbury to the north east, passing through Winterbourne and Frampton Cotterell at its southern end. At the audit site it is straight and level, displaying a semi-urban character, with wide verges and footways on both sides, backed by set-back low-density residential development, many houses having private driveways. The road is 2 lanes wide, but features a narrow strip of central hatching throughout the site, into which the refuge will be located. There is a full system of street lighting, and a 30 mph speed limit. Bristol Road is a bus route; the refuge island is to be located just upstream of a south-west-bound bus stop.
- 1.4 The audit team members are:
- | | | |
|---------------|---|-------------|
| Nick Jeanes | – | Team Leader |
| Cath Boutwood | – | Team Member |
- 1.5 The audit took place during October 2023 and comprised of an examination of the documents/plans listed in Appendix A. The auditors visited site together between 11.30 and 12.00 on Wednesday 25 October when the weather conditions were dry and overcast with a dry road. Vehicle flows were heavy and speeds appeared commensurate with the speed limit. No pedestrians, and a small number of cyclists were observed.
- 1.6 Data from Crashmap.org show that there has been one reported collision involving injury, in the 5 years 2017-2021 inclusive, in the vicinity of the proposals. This occurred a short distance to the south west of the proposed island in June 2019 at 7 pm, when a car struck an adult pedestrian who was crossing the road, resulting in a slight injury.
- 1.7 Traffic surveys carried out in January 2020 show that weekday 12 hour traffic flows of 7210, and 85%ile speeds of 36.3 mph, were recorded in a NE-bound direction. Figures for SW-bound traffic were 6705 and 35.7 mph
- 1.8 The audit team have not been made aware of any departures from standards or relaxations in relation to the proposed scheme.
- 1.9 The audit was carried out under the terms and conditions of DMRB GG 119. The team examined and reported only on the road safety implications of the scheme as presented and has not examined or verified the compliance of the design with any other criteria. However, reference may be made to National/Local Guidance in order to verify a point.
- 1.10 Documents and drawings examined in this safety audit are listed at Appendix A.

1.11 General views of site



Looking north east on the B4058. The proposed island will be just past the red post box in centre of the photo. The existing hatching will be widened slightly to accommodate it



Looking south west on B4058. The proposed island will be just this side of the black car

2. Safety Issues Raised in this Stage 2 Road Safety Audit. (see Appendix B for locations)

2.1 No road safety issues were identified during the audit

3. Audit Team Statement

We certify that this audit has been carried out in accordance with DMRB GG 119

Audit Team Leader:

Name: Nick Jeanes MCIHT; MSoRSA; NH Cert. Comp.
Director

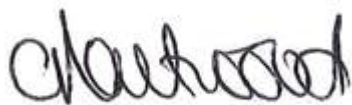


Signed:

Date: 26/10/2023

Audit Team Member:

Name: Cath Boutwood MCIHT; MSoRSA
Senior Auditor



Signed:

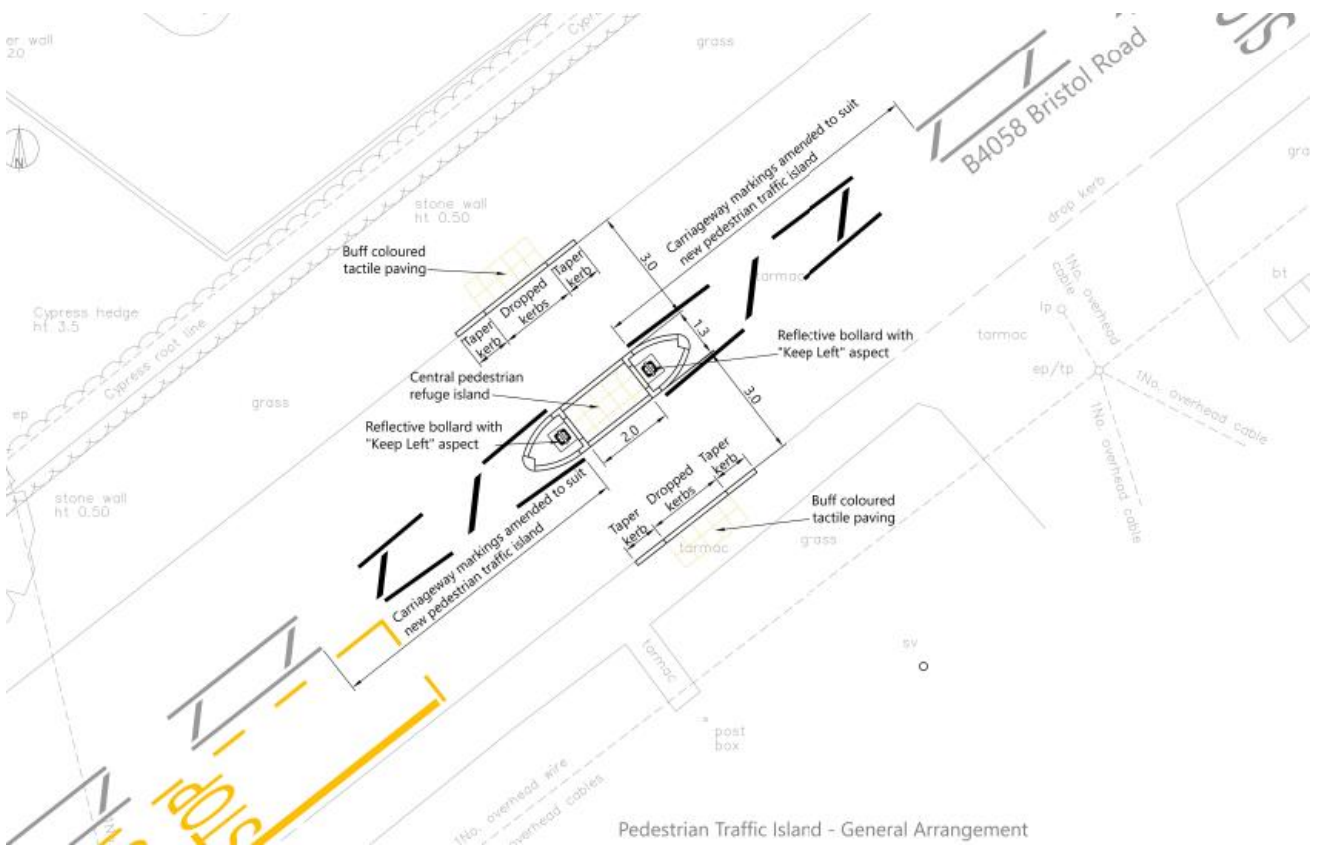
Date: 26/10/2023

Appendix A: Information Utilised in this Stage 2 Road Safety Audit

Drawings:

23154 - PIA Report August 2023
23154 - Stage 1-2 Road Safety Audit Brief
23154 01 GA 23154-01
23154 02 Section & Levels Plan
23154 100 Site Location Plan
23154 TR01 - HGV SPA
23154 TR02 - Bus SPA
23154 TR03 - Car SPA

Appendix B: Key Plan showing proposals



Appendix C – Site location plan

