

Hafod Road, Bangor Road Johnstown,
Wrexham – Proposed Emergency Access

Stage 1 Road Safety Audit



meraki alliance
Highways, Transportation & Safety Consulting

Hafod Road, Bangor Road Johnstown, Wrexham – Proposed Emergency Access

Stage 1 Road Safety Audit

Report Title:	Hafod Road, Bangor Road Johnstown, Wrexham – Proposed Emergency Access
Report Produced for:	Wrexham County Borough Council
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On behalf of:	Ashley Helme

Contents Amendment Record

This report has been issued & amended as follows:

Issue	Revision	Description	Date	Signed
1	0	Draft Report	29 July 2025	NC
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Report Circulation Record

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Person	Organisation	No. of Copies	Date
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Contents

1	Introduction	2
1.1	<i>General</i>	2
1.2	<i>Road Safety Audit Team</i>	2
1.4	<i>Personal Injury Collision Data</i>	3
1.5	<i>Departures or Relaxations from Standards</i>	3
1.6	<i>Information not Provided at this Stage 1</i>	4
1.7	<i>Details of Site Visit</i>	4
1.8	<i>Items Outside the Scope of the Road Safety Audit</i>	4
1.9	<i>Disclaimer</i>	4
2	Items Raised at Stage 1 Road Safety Audit	3
3	Audit Team Statement	4
	Appendix 1 – Audited Documents	5

1 Introduction

1.1 General

This report has been prepared in response to a request to undertake a Stage 1 Road Safety Audit (RSA) (i.e. completion of preliminary design), by Ashely Helme, on behalf of Wrexham County Borough Council. The scheme submitted for Audit is associated with a proposed residential development located off Bangor Road and Hafod Road, Johnstown, Wrexham. Specifically, an emergency access to the development.

Hafod Road at this location is subject to the national speed limit (maximum 60mph), is unlit and rural in nature. The works included with this RSA Stage 1 include:

- Provision of an emergency access into the development area, with removable bollards

The documents submitted for consideration as part of the audit, were made available to the Road Safety Audit Team by Paul Loftus of Ashely Helme. The documents forming this RSA are listed in **Appendix 1**.

The audit comprised an examination of documents and an examination of the site.

Overseeing Organisation: Wrexham County Borough Council XXX Council

Client: Gladman

Design Organisation: Ashley Helme

1.2 Road Safety Audit Team

The Road Safety Audit Team membership approved was:

Audit Team Leader: **Naomi Cook** MSc FCIHT
Holder of HE RSA Certificate of Competency

Audit Team Member: **Jonathan Birkett** IEng, MICE, FIHE, MSoRSA
Holder of HE RSA Certificate of Competency

1.4 Personal Injury Collision Data

The Audit Team examined *Crashmap* for the most recent five-year period of personal injury collision (PIC) data (2019-2023), as shown in **Figure 1**.

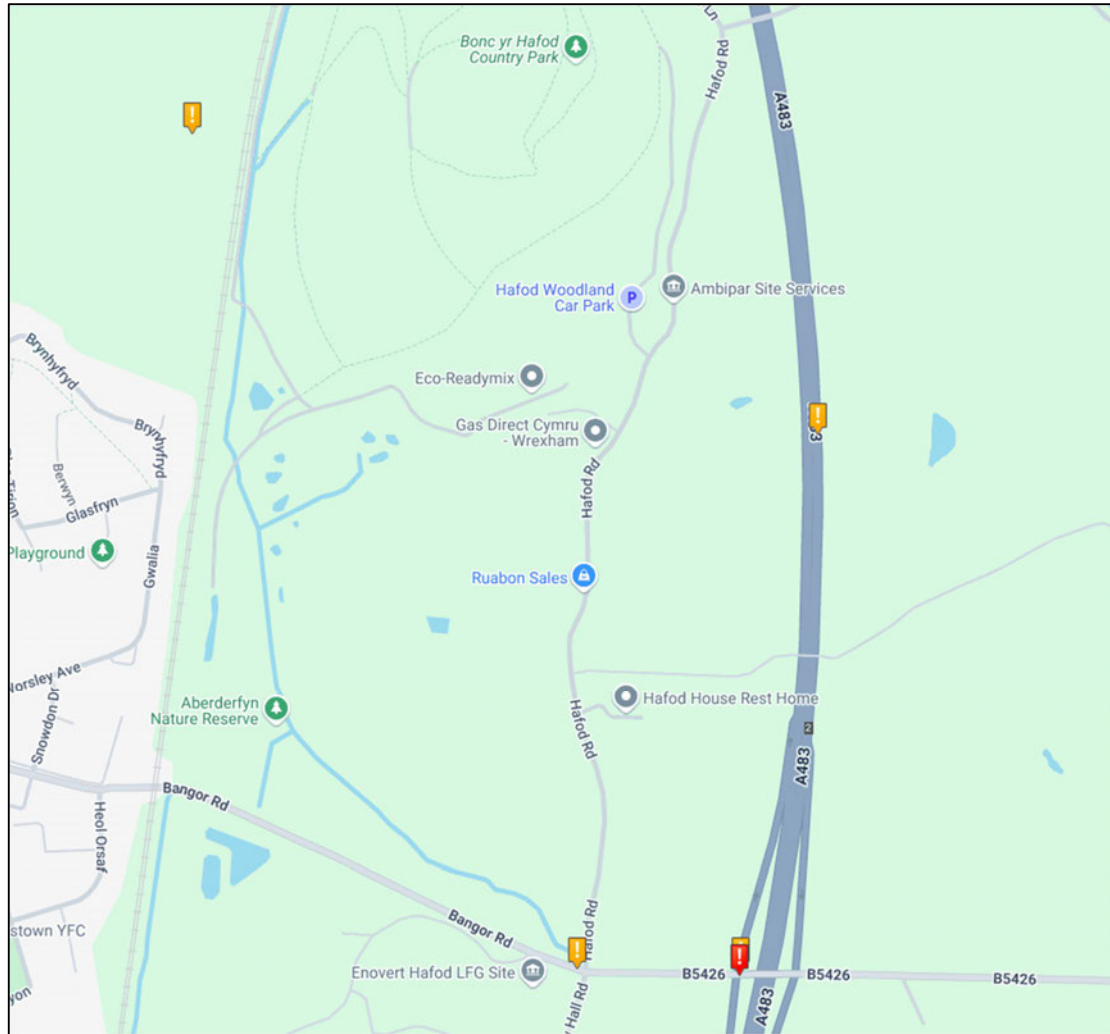


Figure 1: Collision Data

Examination of the data indicates that there has been one collision on Hafod Road, at its junction with Bangor Road. This was recorded in 2019 and was slight in severity involving two vehicles. The data suggests that there have been no PICs recorded on Hafod Road in the vicinity of the proposed emergency access.

1.5 Departures or Relaxations from Standards

No Departures or Relaxations from Standard were submitted to the Road Safety Audit Team.

1.6 Information not Provided at this Stage 1

All information provided. It was considered that the information provided was sufficient for the purpose of carrying out the Road Safety Audit Stage 1 requested.

1.7 Details of Site Visit

A site visit was undertaken on the afternoon of 26 July 2025 between 18:40 hrs and 19:15 hrs. Whilst on site the weather was fine; the road surface was dry, and no incidents were noted. No pedestrian or cycle movements were witness on site. Traffic flows were low.

1.8 Items Outside the Scope of the Road Safety Audit

No items were identified outside the scope of the RSA.

1.9 Disclaimer

The Road Safety Audit comprised an examination of the documents and drawings supplied to the Road Safety Audit Team (referenced in Appendix 1 of this report). No member of the Road Safety Audit Team has had any previous input to the design of the scheme.

The Terms of Reference are as described in the National Highways Design Manual for Roads and Bridges document GG119 'Road Safety Audit'. The scheme has been examined and this report compiled only with regard to safety implications to road users of the scheme as presented. It has not been 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. However, any audit comments should not be construed as implying that a technical audit has been undertaken in any respect.

Furthermore, any recommendations included within this report should not be regarded as being prescriptive design solution to the problem raised. They are intended only to indicate a proportionate and viable means of eliminating or mitigating the identified problem, as stipulated in GG119, and in no way imply that a formal design process has been undertaken. There may be alternative methods of addressing a problem which should be equally acceptable in achieving the desired elimination or mitigation and these should be considered when responding to this report.

It is the Project Sponsor's responsibility to ensure that all problems raised by the Road Safety Audit Team are given due consideration.

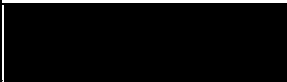
In the event of a collision and any resulting legal action, Meraki Alliance Ltd would have to defend its actions on the basis that it took such care, as in all circumstances was reasonably required, to ensure that the highway was not dangerous to road users. It is important therefore that recommendations contained in the report are acted upon wherever possible.

2 Items Raised at Stage 1 Road Safety Audit

No problems have been identified as part of this Road Safety Audit.

**END OF PROBLEMS IDENTIFIED AND RECOMMENDATIONS PRESENTED IN THIS
STAGE 1 ROAD SAFETY AUDIT**

3 Audit Team Statement

We certify that this Road Safety Audit has been carried out in accordance with GG119	
ROAD SAFETY AUDIT TEAM LEADER	
NAME:	NAOMI COOK
SIGNED:	
POSITION:	ASSOCIATE DIRECTOR
ORGANISATION	MERAKI ALLIANCE LTD
DATE:	29 JULY 2025
ROAD SAFETY AUDIT TEAM MEMBER	
NAME:	JONATHAN BIRKETT
SIGNED:	
POSITION:	DIRECTOR
ORGANISATION	MERAKI ALLIANCE LTD
DATE:	31 JULY 2025

Appendix 1 – Audited Documents

 1232-24-B

 Client Results - 12773 ATC 1

 GL_BRJ_PSL_01 revX - Proposed Site Layout

 Hafod Rd - Emergency Access Location