



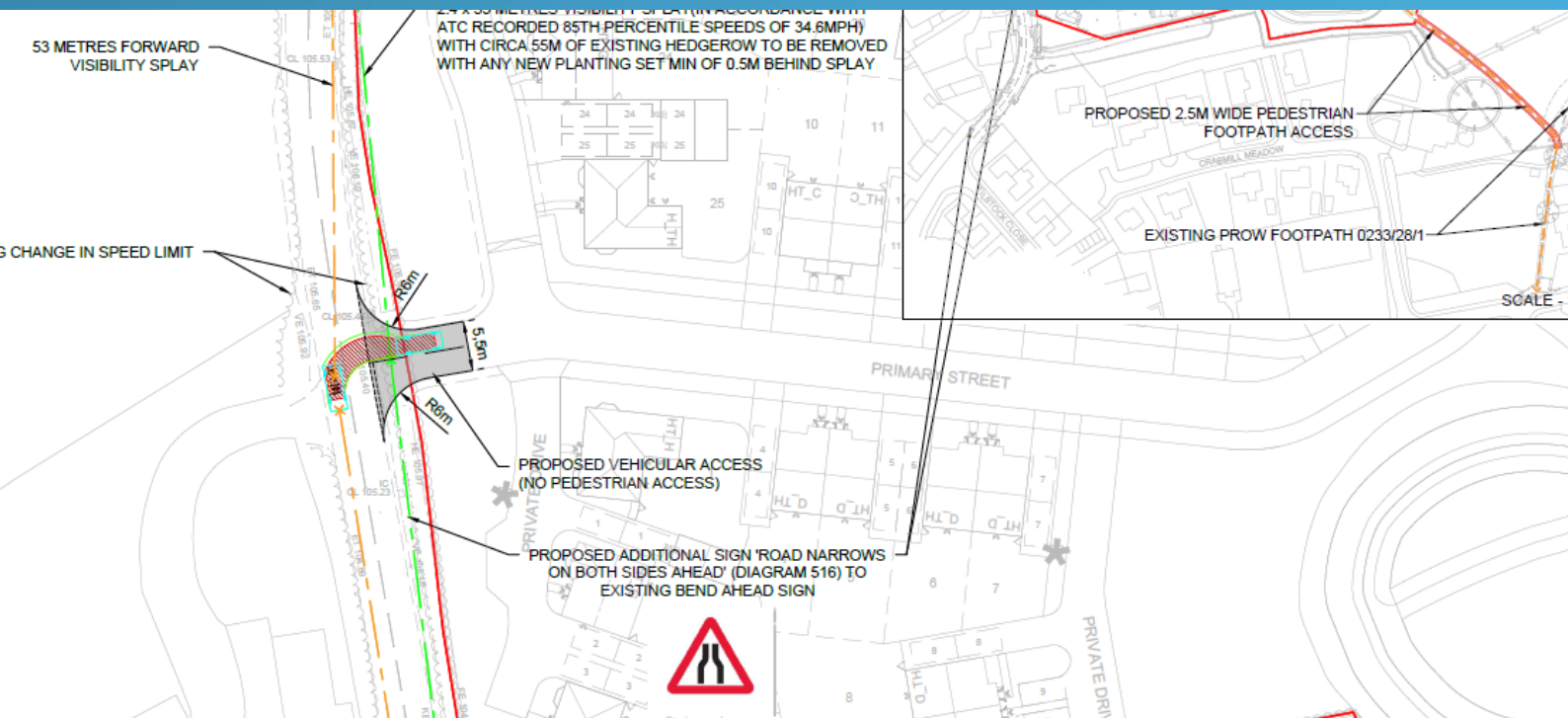
Midlands Road Safety Ltd

PROPOSED RESIDENTIAL DEVELOPMENT ACCESS TILSTOCK ROAD, TILSTOCK

STAGE 1 – ROAD SAFETY AUDIT

JANUARY 2025

REPORT REF: 25-1858-RSA1



PROPOSED RESIDENTIAL DEVELOPMENT ACCESS

TILSTOCK ROAD, TILSTOCK

STAGE 1 ROAD SAFETY AUDIT

JANUARY 2025

REPORT REF: 25-1858-RSA1

CLIENT: DLP Consultants

ENGINEER: Midlands Road Safety Ltd

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Revision	Date of Issue	Author	Checked
-	17.01.2025	CB	SC

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CONTENTS		Page Number
1.	INTRODUCTION	2
2.	SAFETY PROBLEMS RAISED IN PREVIOUS ROAD SAFETY AUDITS	3
3.	SAFETY PROBLEMS RAISED IN THIS ROAD SAFETY AUDIT	4
4.	ADDITIONAL OBSERVATIONS	6
5.	AUDIT STATEMENT	7

APPENDICES	
A.	DRAWINGS AND DOCUMENTS REVIEWED
B.	SITE LOCATION AND PROBLEM IDENTIFICATION PLANS

1. INTRODUCTION

- 1.1 This report comprises a Stage 1 Road Safety Audit (RSA) on a proposed new bell-mouth style junction to the east of the B5476 Tilstock Road in Tilstock, Shropshire. The works are arising from a proposed residential development of 70 dwellings and include the creation of a separate pedestrian access to the site to the southeast of the development, linking into the existing PROW alongside Tilstock Primary School on Tilstock Lane. The pedestrian link will be 2.5m in width, lit with a bound surface provided.
- 1.2 The report was requested by DLP Consultants on behalf of their client Boningale Homes. The Overseeing Organisation is Shropshire County Council.
- 1.3 The Audit Team Membership was as follows:
- Audit Team Leader
Chris Berry, MSc Transport Planning, MCIHT, MSORSA, NH RSA Certificate of Competency
- Audit Team Member
Sarah Cooke, BA (Hons), MCIHT
- 1.4 A site inspection was carried out by the Audit Team together on Monday 15th January 2025 between the hours of 11:50 and 12:30. During the site visit the weather conditions were sunny and the road surface was damp. Traffic flows were observed as being light, with occasional pedestrians (at the Tilstock Lane element of the site) and no cycle movements being observed.
- 1.5 The audit also comprised of a desk-top study where all documents and plans provided by the Design Team were reviewed. A list of these can be found in Appendix A. The auditors have not been made aware of any departures from design standards.
- 1.6 The audit has been carried out in accordance with the principles of the National Highways document GG 119 'Road Safety Audit' (version 2). A formal Road Safety Audit Brief was not provided to the Audit Team. However, information regarding the site was provided via email alongside the relevant scheme documents and drawings. This was considered by the Audit Team to provide sufficient detail to undertake the appropriate stage of audit.
- 1.7 The Audit Team have examined and reported solely on the road safety implications of the scheme as presented and not examined or verified the compliance to any alternate criteria.

- 1.8 All comments and recommendations in this report are referenced to the Audit Brief where provided, and detailed drawings supplied. Where appropriate a list of “Additional Observations” will follow from any safety problems raised. These are not identified safety problems but generalised observations, outside of the scope of the relevant stage of audit, that may highlight potential safety problems that could arise at future stages of the safety audit process.
- 1.9 Midlands Road Safety Ltd has ensured that this report has been carried out independently with no member of the Audit Team membership directly linked to the scheme design.

2. SAFETY PROBLEMS RAISED IN PREVIOUS ROAD SAFETY AUDITS

- 2.1. It is understood that no previous Road Safety Audits have been undertaken for the proposals subject to this report.

3. SAFETY PROBLEMS RAISED IN THIS ROAD SAFETY AUDIT

3.1. The Audit Team has identified two safety problems to be addressed.

3.2. **Problem 1**

Location: Tilstock Road – southbound approach to the proposed site access.

Summary: Lack of awareness of the site access risks junction pull-out collisions.

Whilst the proposals include site clearance to provide visibility splays, based on recorded vehicle speeds, the location of the site access and presence of the national speed limit risk a lack of awareness for southbound drivers that the access will be located as shown. This could lead to a lack of awareness and late braking / shunts with emerging vehicles.



Recommendation:

It is recommended that, as part of the detailed design, the 30mph speed limit is extended to the north, alongside the relocation of the village gateway signing, to encourage greater awareness that drivers are entering a residential area alongside lower speeds.

3.3. Problem 2

Location: Proposed pedestrian route – between the site and Tilstock Lane.

Summary: Unattractive pedestrian route risks pushing pedestrians to walk on Tilstock Road, risking vehicle to pedestrian collisions.

It is understood that a new 2.5m wide pedestrian route is to be provided between the site and the existing PROW 0233/28/1 that runs alongside (and provides pedestrian access to) the adjacent Primary School. Whilst the new provision is to be made using a bound surface and is to be lit, it is unclear whether the same will be the case for the existing PROW link which currently has a rolled stone surface and is unlit. Should this link be unattractive to pedestrians – both from a usability based on surface type or safety based on a lack of illumination – there is a risk that pedestrians will instead walk along Tilstock Road to access the onward footways to the south of the development, resulting in possible vehicle to pedestrian collisions.



Recommendation:

It is recommended that the existing PROW is upgraded to include a bound surface and lighting.

End of the 'Safety Problems' in this Section of the Report

4. ADDITIONAL OBSERVATIONS

4.1. Additional Observation 1

Whilst on site it was observed that the PROW link into the adjacent field and onward route was flooded. It is recommended that, as part of the detailed design, sufficient drainage is provided to ensure that the pedestrian link is available all year round.



5. AUDIT STATEMENT

- 5.1. We certify that the terms of reference of the audit are as described in GG 119 and that no member of the Audit Team was directly linked to the scheme design.

5.2. **AUDIT TEAM LEADER:**

Chris Berry, MSc Transport Planning, MCIHT, NH RSA Certificate of Competency

Director

Midlands Road Safety Ltd

Signed:  _____

Date: 17.01.2025

5.3. **AUDIT TEAM MEMBER:**

Sarah Cooke, BA (Hons), MCIHT

Associate

Midlands Road Safety Ltd

Signed:  _____

Date: 17.01.2025

APPENDIX A

The following documents and drawings were provided for the purposes of this road safety audit.

Drawings

Number	Title	Rev
SH5037-10PD-001	Site Access	C
SH5037-10PD-001	Refuse Vehicle Swept Path Analysis	B

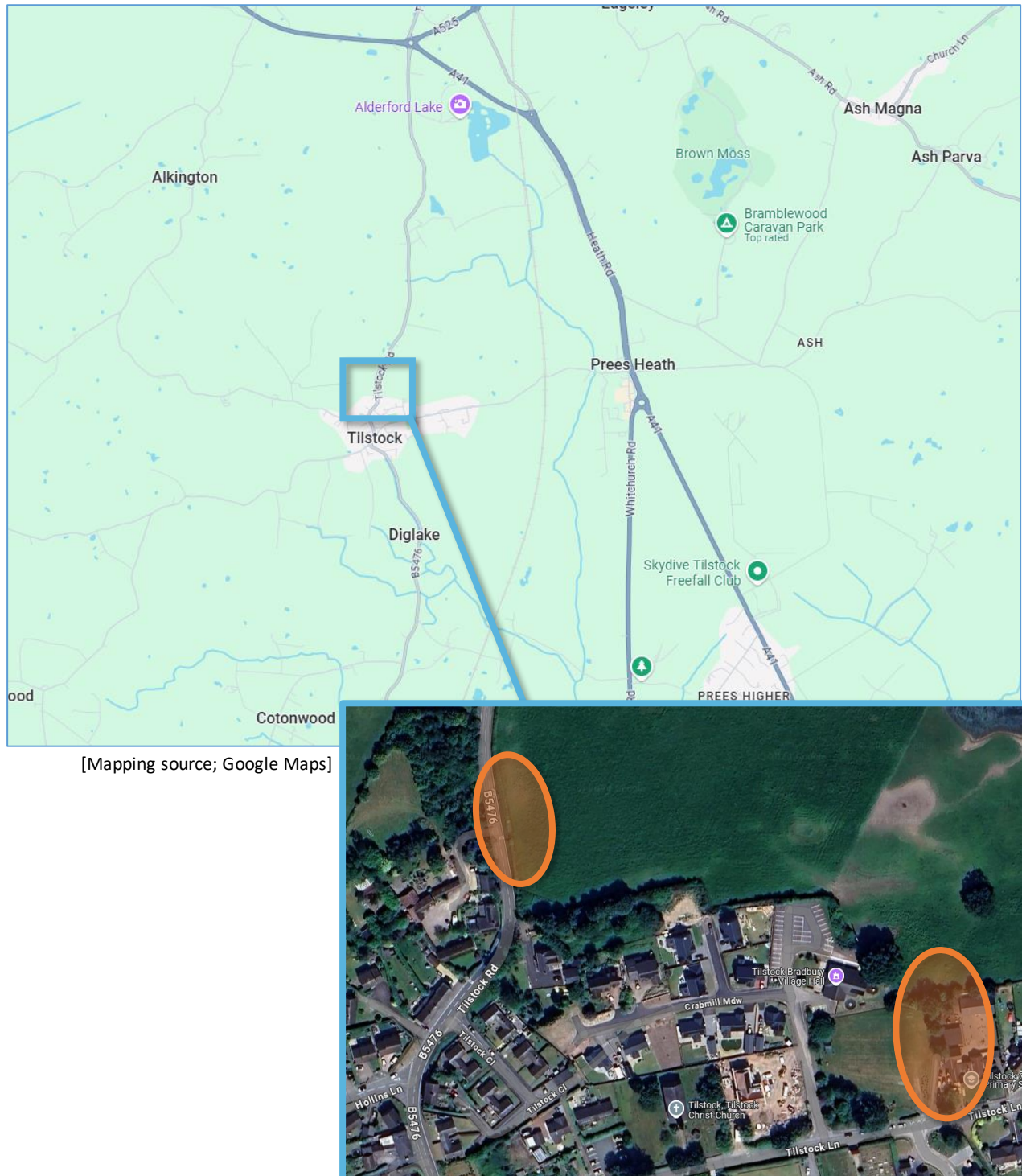
Documents

Author	Title	Rev	Date
DLP	Road Safety Audit Details (by email)	-	10.01.2025
DLP	Transport Statement	C	10.2024

APPENDIX B

The location of any problems/observations that have been identified in Section 3 of this report can be seen on the extracts of the drawings supplied to the Audit Team, as listed in Appendix A.

Figure 1 – Site Location





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