



safer roads for everyone

**Denby Lane, Grange Moor, Wakefield,
West Yorkshire**

Section 278 Highway Works

Road Safety Audit Stage 1

on behalf of Kirklees Council

TMS Client
Sanderson Associates for Orion Homes Ltd

TMS Reference No: 19184
Date: 28th May 2025
Revision: 1



1. Project Details

Report Title:	Denby Lane, Grange Moor, Wakefield, West Yorkshire Section 278 Highway Works Road Safety Audit Stage 1
Author	Darren Newbold
Document Ref No:	TMS Report Ref No: 19184
Revision	1
Prepared by:	TMS Consultancy
On behalf of:	Kirklees Council (Overseeing Organisation)
TMS Client	Sanderson Associates for Orion Homes Ltd

Document Control Sheet

Issue No	Revision	Audit Team	Completion Date	TMS Issue Date
1	0	DN/RM	14/05/2025	15/05/2025
2	1	DN/RM	28/05/2025	28/05/2025

2. Introduction

- 2.1 This report describes a Stage 1 Road Safety Audit carried out on the Section 278 highway works associated with a residential development on land off Denby Lane, Grange Moor, Wakefield, West Yorkshire.
- 2.2 The audit team members are as follows:

Audit Team Leader

Darren Newbold – MSc, BSc (Hons), MCIHT, MSoRSA
National Highways Approved RSA Certificate of Competency
Principal Engineer, TMS Consultancy

Audit Team Member

Richard Marriott – CertEd, ACFS, FCIHT, FSoRSA, MITAI
National Highways Approved RSA Certificate of Competency
Road Safety Engineer, TMS Consultancy

- 2.3 The audit comprised an examination of the documents listed in **Appendix A**. The Road Safety Audit was undertaken in accordance with the Audit Brief supplied by Simon Burkinshaw, Sanderson Associates.
- 2.4 The site was visited by the Audit Team on Wednesday 14th May 2025 between 11.05am and 11.45am. The weather was cloudy and dry. Traffic flows were very low. No pedestrian or cycle flows were observed.
- 2.5 The terms of reference of the Road Safety Audit are as described in GG 119 Revision 2. The team has 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 to any other criteria.
- 2.6 All of the problems described in this report are considered by the audit team to require action in order to improve the safety of the scheme and minimise collision occurrence.
- 2.7 A scheme drawing is included in **Appendix B**, where the locations of specific problems are referenced. A location plan of the scheme is also included in this Appendix.

2.8 Scheme Description

The scheme consists of a proposed priority junction on Denby Lane to provide access to a small residential development (21 dwellings). The junction will be provided at the existing field gate access opposite Denby Park Drive.

The RSA Brief states that a 2m wide footway will be provided along the site frontage will connect with the adjacent development to the west.

Denby Lane is subject to a 30mph speed limit and is street lit.

2.9 Road Safety Audit Response Report

Following the completion of the road safety audit, the design team should prepare a road safety audit response report in collaboration with the Overseeing Organisation.

The response report should incorporate the following:

- **Decision Log** spreadsheet, where each Problem and Recommendation in the Safety Audit report is reiterated.
- In the Decision Log, a response should be provided by the Design Team and Overseeing Organisation for each problem raised in the RSA report, together with an agreed action.

Further information is provided in **GG 119 Sections 4.11 to 4.19** and **Appendix F** (where a road safety audit response report template is available).

The response report should be produced and finalised within *one month* of the issue of the RSA report. A copy of the response report should be issued to the Audit Team for their information.

3. Items resulting from the Stage 1 Audit Road Safety Audit

3.1 PROBLEM

Location: Denby Lane; site access

Summary: Insufficient visibility may lead to pull-out type vehicle collisions

Although a visibility splay of 2.4m x 43m is indicated on the scheme drawings, the visibility splay cuts across an area of overgrown vegetation, particularly within the left-hand splay. Further growth may restrict visibility and increase the risk of pull-out type vehicle collisions.



RECOMMENDATION

It should be ensured that the visibility splay is achieved as stated which may require some cutting back of vegetation (it should be ensured that the height of the vegetation does not exceed 600mm so regularly maintenance would be required).

3.2 PROBLEM

Location: Denby Lane; site access

Summary: Poor carriageway may lead to skid and loss of control type vehicle collisions

The existing carriageway surface on Denby Lane at the proposed site access is poor. With new braking and turning manoeuvres occurring at this location, the poor surface may increase the risk of skid and loss of control type collisions for vehicles entering / exiting the site.



RECOMMENDATION

The Design Organisation should liaise with the Local Highway Authority with regards to resurfacing of Denby Lane for the extents of the site access junction.

4. Audit Team Statement

We certify that the terms of reference of the road safety audit are as described in GG 119 Revision 2.

Audit Team Leader

Darren Newbold – MSc, BSc (Hons), MCIHT, MSoRSA National Highways Approved RSA Certificate of Competency Principal Engineer, TMS Consultancy
--

Signed	
Date	28 th May 2025

Audit Team Member

Richard Marriott – CertEd, ACFS, FCIHT, FSoRSA, MITAI National Highways Approved RSA Certificate of Competency Road Safety Engineer, TMS Consultancy
--

Signed	
Date	28 th May 2025

TMS Consultancy

Unit 36, Business Innovation Centre
Binley Business Park
Harry Weston Road
Coventry, CV3 2TX

 + 44 (0)24 7669 0900
 info@tmsconsultancy.co.uk
 www.tmsconsultancy.co.uk

Appendix A

Documents Examined:

- 160126-001 Rev B Proposed Access
- 160126-002 Rev B Swept Paths
- Site Layout Rev U

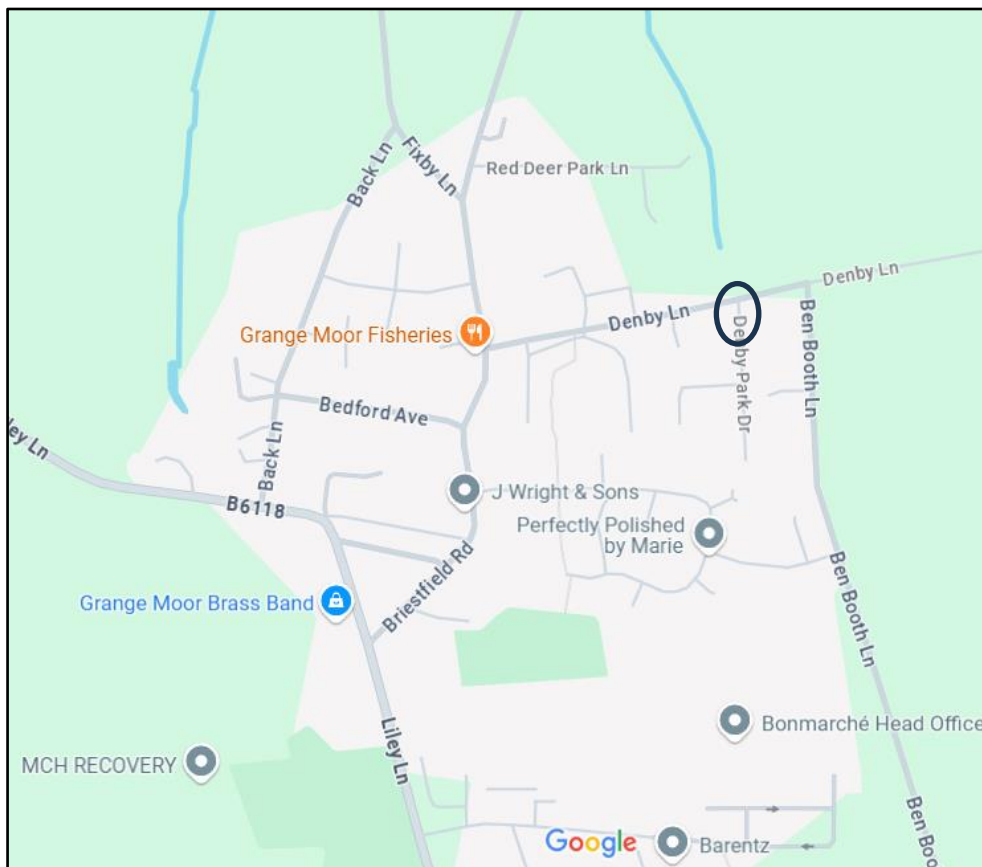
Other Information Provided:

- Road Safety Audit Brief

Appendix B

Please refer to the following page for a plan illustrating the locations of the problems identified as part of this audit (location numbers refer to paragraph numbers in the report).

The location of the scheme is shown below:





safer roads for everyone

Client: Sanderson Associates for Orion Homes Ltd
Scheme: Denby Lane, Grange Moor, Wakefield, West Yorkshire (S278 works)

