



Shackletons Home and Garden

**PROPOSED S278 ARRANGEMENTS
SHACKLETONS GARDEN CENTRE,
CHATBURN**

**COMBINED STAGE 1/2 - ROAD SAFETY AUDIT
APRIL 2024**

Transport Planning /Traffic Surveys/ Road Safety Audits

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Appendices

Appendix A – List of drawings and documents supplied for audit.

Appendix B – Location plan of identified problems.



1 INTRODUCTION

- 1.1 This report presents the findings from a combined Stage 1/2 Road Safety Audit (RSA) undertaken on the proposed Section 278 highways works associated with the proposed amendments to the access arrangements at Shackletons Garden Centre, Chatburn, Lancashire.
- 1.2 The audit was carried out by the following:
- | | | |
|--|---|-------------------------------|
| Tristan Brooks
BSc (Hons), MBA, CMILT, MCIHT, MSoRSA,
HE RSA Cert of Competency. | - | Road Safety Audit Team Leader |
| Jon Preston
MCIHT, MSoRSA | - | Road Safety Audit Team Member |
- 1.3 The RSA was commissioned by Shackletons Home and Garden the developers of the scheme. The audit information has been provided by Stanton Andrews and although there was no formal 'audit brief' the RSA team has accepted that sufficient information has been provided to undertake the Stage 1/2 RSA. The scheme has been designed by Eddisons. The overseeing organisation is Lancashire County Council who have approved the RSA team.
- 1.4 The site visit was undertaken on Thursday 25th April 2024 between 17:05 and 17:30 and comprised a walk and drive through of the areas in the vicinity of the scheme. During the site visit both the weather and carriageway surface were dry. Vehicle movements in the vicinity of the scheme on Clitheroe Road were moderate and light on Worston Road. During the site visit a small number of pedestrians were observed, no cyclists were observed.
- 1.5 Clitheroe Road in the vicinity of the scheme is subject to a 30mph speed limit and has street lighting. Worston Road in the vicinity of the scheme is subject to the national speed limit for a single lane carriageway and has no street lighting.
- 1.6 The drawings and documents supplied for audit are listed at **Appendix A**. An annotated drawing showing the locations of the problems identified is provided at **Appendix B**.
- 1.7 The terms of reference of the audit are as that described in DMRB GG119 Guidelines on Road Safety Audits (Rev 2). This standard has been used for guidance only. The audit 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 designs to any other criteria.

- 1.8 The scope of the RSA is limited to the proposed s278 highways works the extents of which are shown in **Figure 1** and in summary will see the realignment of the existing site access priority controlled 'T' junction on Clitheroe Road and provision of a new site access on Worston Road that will take the form of a priority controlled 'T' Junction. It is proposed that the speed limit in the vicinity of the site access on Worston Road will be reduced from the national speed limit to a 30mph speed limit.

Figure 1: Extent of proposed s278 highways works subject to RSA.



- 1.9 A review of the Personal Injury Collision (PIC) data for the most recent 5-year period (based on LCC's Mario Maps database) has indicated that during this period there has been no PICs recorded in the immediate vicinity of the proposed highways works.
- 1.10 The audit team understand that no previous RSA's have been undertaken on the scheme nor have they been made aware of any departures from standard within the design of the scheme.
- 1.11 The recommendations included within this report should not be regarded as being prescriptive design solutions to the problems raised. They are intended only to indicate a



proportionate and viable means of eliminating or mitigating the identified problem, in accordance with GG119. There may be alternative methods of addressing a problem which would be equally acceptable in achieving the desired elimination or mitigation and these should be considered when responding to this report.



2 ROAD SAFETY AUDIT FINDINGS FROM RSA 1/2 RSA

PROBLEM 1

LOCATION: Worston Road- Proposed site access.

SUMMARY: Potential omission of street lighting could result in an increased risk of collisions at the junctions due to low level of conspicuity of the site access/egress junction.

- 2.1 The Audit Team note that no street lighting details have been provided for review as part of the RSA, and it is understood that the provision of street lighting is yet to be determined. The potential omission of street lighting in the vicinity of the proposed new access on Worston Road could result in an increased risk of collisions at the proposed site access/egress junction due to low level of conspicuity of the junction during the hours of darkness.

RECOMMENDATION

- 2.2 It is recommended that street lighting be provided at the new site access junction at Worston Road.

DESIGNER'S RESPONSE

Street Lighting Assessment to be undertaken as part of the S278 design. Once we have a response from LCC we will incorporate their design into the S278 design.



3 AUDIT STATEMENT

3.1 We certify that this audit has been carried out in accordance with GG119 unless otherwise noted.

Signed:

Date: 30 April 2024

T Brooks – BSc (Hons), MBA, CMILT, MCIHT, MSoRSA,
HE RSA Cert of Competency.

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Date: 30 April 2024

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APPENDIX A

List of Drawings and Documents Provided for Audit

4086-D001

General Arrangement

4086-D002

Construction Materials

4086-D003

Signs & Markings

4086-D004

Standard Details

PIC Data

(LCC Mario Maps)

APPENDIX B

Location of Identified Problems

