



Sevenairs Consulting Ltd

Lidgett Road, Mapplewell, Barnsley

Road Safety Audit Stage 1/2

July 2025



Document Control

Report Title:

Lidgett Road, Mapplewell, Barnsley – Road Safety Audit Stage 1/2

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Report Prepared By:

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On behalf of

HJ Consulting Engineers Ltd. – Connaught House, Park View, Lofthouse, WF3 3HA

Highway Authority / Overseeing Organisation

Barnsley Metropolitan Borough Council

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Document History:

Revision	Date	Description	By
0	28.07.2025	For BMBC comments	HV
1	29.07.2025	For issue	HV

Introduction

Commissioning and Scope

This report results from a Stage 1/2 Road Safety Audit carried out at the site of a residential on Lidgett Road in Mapplewell, Barnsley. The audit was carried out at the request of Dave Moffatt, HJ Consulting Engineers on behalf of the developer of the site.

The Road Safety Audit team membership was as follows:

The Audit Team	Haydn Vernals FCIHT FIHE CMILT MSoRSA Directive 2008/96/EC (Certificate of Competency), Road Safety Team Leader in accordance with GG119 Sarah Vernals BAHonsQTS NPQH, Road Safety Team Member in accordance with GG119
Audit Observers	Nathan Copley, Barnsley Metropolitan Borough Council

The main project comprises of a residential development that has been completed and occupied for several years. The current development access was constructed in 2016 to which the full Road Safety Audit process was undertaken (up to Stage 3). Since opening, it has since been acknowledged that the existing layout isn't suitable. As such, a new layout is now proposed which is to be covered under this combined Stage 1 and 2 RSA. Highway works in these elements include the revised junction arrangement to Carr Green Lane, three new dropped pedestrian crossings, resurfacing to Carr Green Road as well as the junction mouth of Lidgett Road plus a series of remedial works on both Carr Green Road and Lidgett Road. The scope of this Road Safety Audit is to review the proposed highway works.

The audit has been carried out in accordance with the principles of the National Highways document GG 119 Road Safety Audit. A formal Road Safety Audit Brief was provided to the Audit Team by Dave Moffatt. This provided information regarding the site relevant scheme documents, drawings and contained details of the Road Safety Audit team. The brief was approved by Andrew Tunnacliffe, Barnsley Metropolitan Borough Council. This was considered by the Audit Team to provide sufficient detail to undertake the appropriate stage of audit. The audit team formally accept the brief.

The audit also comprised of a desk-top study where all documents and plans provided by the Design Team were reviewed. No departures from standard have been brought to the attention of the RSA team with regard to the scheme as designed.

Site Visit Attendance

A site visit took place comprising of the RSA team on Friday 4th July 2025 between 09:45 and 10:15 hours during which the weather was sunny and the road surface dry. Traffic conditions were light and free flowing with a small number of pedestrians observed and no cyclists observed.

The following people were also invited:

- Highway Authority – Nathan Copley, Barnsley Metropolitan Borough Council was invited and attended as Audit Observer.

The above has been provided with a copy of this report before final issue and asked if they had anything further to add:

- Highway Authority – Nathan Copley responded with no further comments.

Documents Supplied

- Email proposal background
- 7995-HJCE-00-XX-DR-C-1000-P01-SITE LOCATION PLAN
- 7995-HJCE-00-XX-DR-C-4000-P05-MODIFICATION TO JUNCTION - VEHICLE TRACKING
- 7995-HJCE-00-XX-DR-C-4300-P06-S38 AGREEMENT - MODIFICATION TO JUNCTION
- 7995-HJCE-00-XX-DR-C-4500-P04-S38 AGREEMENT LAYOUT
- 7995-HJCE-00-XX-DR-C-4600-P04-S278 AGREEMENT LAYOUT
- 7995-HJCE-00-XX-DR-C-4700-P03-REMEDIALS PLAN
- 7995-HJCE-00-XX-DR-C-4800-P01-S38/S278

Terms of Reference

The terms of reference of this Road Safety Audit are as described in the National Highways document GG119 Revision 2 Road Safety Audit. 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. However, 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. No member of the Audit Team has been directly linked to the scheme design.

Each of the auditors' responses is classified as a 'Problem' that is likely to result in a significant road safety hazard. All comments and recommendations are referenced to the detailed design drawings, and the locations have been indicated on the plan at the end of the report.

Where recommendations are made, these do not comprise design decisions, and it remains the responsibility of the Design Team to incorporate any changes into the scheme and consider any interactions between design elements.

Previous Road Safety Audits

The audit team have not been made aware of any previous Road Safety Audits associated with these revised proposals.

Problems Raised at this Stage 1/2 RSA

PROBLEM – B-01

Location: Carr Green Lane – At the three pedestrian crossings.

Summary: Skidding Resistance – Insufficient skidding resistance may increase the risk of collisions involving skidding.

Three new pedestrian crossing points are to be provided. The provision of these will change the site category in terms of the definitions within DMRB CD 236. Although some resurfacing is indicated on the drawings, this extends only between the middle and northern crossing points, does not include one approach for each and does not encompass the southern crossing point. The existing carriageway surface that is not proposed to be resurfaced has a number of utility reinstatements as well as some surface cracking in areas and is unlikely to offer a sufficient level of skidding resistance. Insufficient skidding resistance, especially in higher risk areas such as at pedestrian crossings, may increase the risk that collisions involving skidding occur.

RECOMMENDATION

It is recommended that the carriageways on and through all three proposed crossing points are provided with a skidding resistance commensurate to DMRB CD 236, Table 3.3a or Table 3.3b based on the relevant site categories and traffic levels.

Audit Team Statement

We certify that the Road Safety Audit Team have carried out their duties as far as practicable in accordance with GG119 Revision 2.

Road Safety Audit Team Leader

Haydn Vernals FCIHT FIHE CMILT MSoRSA
Directive 2008/96/EC (Certificate of Competency)

Director – Sevenairs Consulting Ltd.
20 High Bank, Thurlstone, Sheffield,
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Signed:



Date: 29th July 2025

Road Safety Audit Team Member

Sarah Vernals BAHonsQTS NPQH

Director – Sevenairs Consulting Ltd.
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Signed:



Date: 29th July 2025

