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Sevenairs Consulting Ltd

Lindley Moor Road, Lindley Moor, Kirklees

Road Safety Audit Stage 1

January 2025

Document Control

Report Title:

Lindley Moor Road, Lindley Moor, Kirklees – Road Safety Audit Stage 1

Date of Site Visit

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On behalf of

Via Solutions Ltd. – The Old Coach House, 1 Campbell Street, Pudsey, LS28 6DP

Highway Authority / Overseeing Organisation

Kirklees Council

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Introduction

Commissioning and Scope

This report results from a Stage 1 Road Safety Audit carried out at the site of a commercial development off Lindley Moor Road in Lindley Moor, Kirklees. The audit was carried out at the request of Chris Yarrow, Director, Via Solutions 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	None

The main project comprises of a commercial development, providing 14 small commercial units. Highway works include upgrading an existing ghost island right turn access to the former public house site to an access suitable for regular use by large goods vehicles, with a corner taper. 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 Chris Yarrow. This contained details of the Road Safety Audit team and was approved by Ryan Kinder, Principal Engineer, Kirklees Council. Information regarding the site was also 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. 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 Monday 20th January 2025 between 10:00 and 10:30 hours during which the weather was raining and the road surface wet. Traffic conditions were light and free flowing, with a small number of pedestrians observed and no cyclists observed.

Documents Supplied

- Email proposal background
- 2102511 – Swept Path Analysis

Terms of Reference

The terms of reference of this Road Safety Audit are as described in the National Highways document GG119 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. 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.

Problems Raised at this Stage 1 RSA

PROBLEM – A-01

Location: Lindley Moor Road – At the development access.

Summary: Drainage – Ineffective drainage of surface water may increase the risk skidding or loss of control type collisions.

At this early stage, drainage details may not have been considered. The site appears to be at a similar level to the main carriageway. As such, this may require measures to manage surface water around the junction to reduce the risk of surface water from the development entering Lindley Moor Road or standing water and detritus in the junction area that may consequently cause skidding type collisions near the junction or slips and falls by pedestrians crossing in this area.

RECOMMENDATION

It is recommended that drainage details are provided at the next stage of road safety audit including gully locations, levels and contours.

PROBLEM – A-02

Location: Lindley Moor Road – At the development access.

Summary: Pedestrians – Lack of provision may increase the risk of collisions involving pedestrians.

This early stage drawing appears to curtail the existing footway either side of the development access. No provision is made around the junction radii either. This may increase the risk that pedestrian walk in carriageway areas and be involved in a collision with a passing vehicle either on the main carriageway or in the junction mouth. The crossing distance may also exacerbate this problem. This lack of provision may increase the risk of collisions involving pedestrians.

RECOMMENDATION

It is recommended that footways are extended around the junction radii and that dropped crossings are provided to highlight the most suitable location to cross the development access. The dropped crossing would ideally be located to minimise the crossing distance whilst maintaining inter-visibility between pedestrians waiting to cross and approaching vehicles.

PROBLEM – A-03

Location: Within the development.

Summary: Pedestrians – Lack of provision may increase the risk of collisions involving pedestrians.

This early stage drawing does not show any linkage for pedestrians between Lindley Moor Road and the buildings to the back of the site. The likely pedestrian desire route would be near the development access where vehicles and in particular large vehicles with compromised driver vision are most likely to be manoeuvring. This lack of provision may increase the risk of collisions involving pedestrians.

RECOMMENDATION

It is recommended that safe provision is made inside the development for pedestrians between Lindley Moor Road and the buildings to the back of the site. This may be more appropriate to provide away from the main development access linking crossing points and/or bus stops.

Audit Team Statement

We certify that this Road Safety Audit has been carried out in accordance with GG119 Revision 2.

Road Safety Audit Team Leader

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

Sevenairs Consulting Ltd
20 High Bank, Thurlstone, Sheffield,
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Signed:

Date: 26th January 2025

Road Safety Audit Team Member

Sarah Vernals BAHonsQTS NPQH

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Signed:

Date: 26th January 2025

Problem Location Plan