meraki alliance
Highways, Transportation & Safety Consulting

Lidl Store: Crosland Moor, Huddersfield

Road Safety Audit: Stage 1

Kirklees Council
Town Hall
Ramsden Street
Huddersfield

Jonathan Birkett
Meraki Alliance Ltd
Riverside View
Castle Gate
Wetherby
LS22 6LE
Tel:+44 (0) 7966296302

meraki alliance
Highways, Transportation & Safety Consulting

Lidl Store: Crosland Moor, Huddersfield

Road Safety Audit: Stage 1

Report Produced for:	Kirklees Council
Report Produced by:	Jonathan Birkett
Report Dated:	19 May 2024
Report Reference:	MAL/CMHRSA1Rev0
Road Safety Audit Team Leader:	Jonathan Birkett

meraki alliance
Highways, Transportation & Safety Consulting

Lidl Store: Crosland Moor, Huddersfield

Road Safety Audit: Stage 1

Contents Amendment Record

This report has been issued & amended as follows:

Issue	Revision	Description	Date	Signed
1	0	Draft Report	18 May 2024	JB
1	0	FINAL REPORT	19 May 2024	JB/GK

Report Circulation Record

This report has been circulated, as follows:

Person	Organisation	No. of Copies	Date
	Kirklees Council		
Lewis Demetriou	Bryan G Hall	Electronic	19 May 2024
G Kidd	Meraki Alliance Ltd	Electronic	19 May 2024

Contents

1 Introduction 3

1.1 General 3
1.2 Documents Forming the Brief 3
1.3 Collision Traffic and Speed Data 3
1.4 Details of Site Visit 4
1.5 RSA Team and Format 4
1.6 Departures or Relaxations from Standards 5
1.7 Previous Road Safety Audits 5
1.8 Observations 5

2 Items Raised at Stage 1 Road Safety Audit 6

2.1 RSA Problems Stage 1 6

3 Audit Team Statement 7

Appendix 1 – Audited Drawings 8

Appendix 2 – Problem Location Plan 9

1 Introduction

1.1 General

This report has been prepared in response to a request to undertake a Stage 1 Road Safety Audit (i.e., carried out prior to detailed design), by Lewis Demetriou of Bryan G Hall on behalf of Kirklees Council. The scheme submitted for Audit is the proposed new Lidl store sited on Blackmoorfoot Road, Huddersfield.

Blackmoorfoot Road is subject to a 30mph speed limit and is street lit.

The scope of the works included within this Road Safety Audit are:

- New priority site access junction off Turnstone Way.
- Uncontrolled crossing of Turnstone Way with central island.
- Lining.

Overseeing Organisation

Kirklees Council.

Client

Lidl UK.

Design Organisation

Bryan G Hall.

The audit comprised an examination of documents forming the Audit Brief and an examination of the site.

1.2 Documents Forming the Brief

The documents were made available to the Road Safety Audit Team by Lewis Demetriou of Bryan G Hall on behalf of Kirklees Council.

The total documents forming the Audit Brief are listed in Appendix 1:

Generally, the Brief comprised:

- Transport Assessment.
- Drawings.

1.3 Collision Traffic and Speed Data

The record of personal injury collisions (PICs) recorded as road traffic accidents that have occurred within the vicinity of the site on Blackmoorfoot Road has been retrieved

from Leeds City Council (who manage the collision data for areas of Huddersfield) for the most recent 5-year period available, from the 9th September 2017 to 13th September 2022. The data shows that there have been 10 PICs within the study period, 9 of which have been classified as slight in severity and 1 which has been classed as serious in severity.

Detailed traffic data was available as part of the Transport Assessment.

Speed data was not available.

1.4 Details of Site Visit

A site inspection was undertaken on 16 May 2024 between 11:30 and 12:00. The Audit Team spent 30 minutes on site understanding the proposed works and their interaction with the local road network.

During the site visit the weather was fine and dry. Blackmoorfoot Road was busy, and several pedestrians were observed walking along and crossing Blackmoorfoot Road. No incidents were noted whilst on site.

1.5 RSA Team and Format

It was considered that the information provided was sufficient for the purpose of carrying out the Road Safety Audit Stage 1 requested.

The Road Safety Audit Team membership approved was:

JONATHAN BIRKETT IENG MICE FIHE
Holder of Certificate of Competency
Road Safety Audit Team Leader

G KIDD MIHE BSC (HONS)
Road Safety Audit Team Member

The Road Safety Audit comprised an examination of the documents and drawings supplied to the Road Safety Audit Team (referenced in Appendix 1 of this report). No member of the Road Safety Audit Team has had any previous input to the design of the scheme.

The Terms of Reference are as described in the National Highways Design Manual for Roads and Bridges document GG119 'Road Safety Audit'. The scheme has been examined and this report compiled only with regard to safety implications to road users of the scheme as presented. It has not been verified for compliance with any other Standards or criteria. However, in order 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. However, any audit comments should not be construed as implying that a technical audit has been undertaken in any respect.

Furthermore, any recommendations included within this report should not be regarded as being prescriptive design solution to the problem raised. They are intended only to indicate a proportionate and viable means of eliminating or mitigating the identified problem, as stipulated in GG119, and in no way imply that a formal design process has been undertaken. There may be alternative methods of addressing a problem which should be equally acceptable in achieving the desired elimination or mitigation and these should be considered when responding to this report.

It is the Project Sponsor's responsibility to ensure that all problems raised by the Road Safety Audit Team are given due consideration.

In the event of a collision and any resulting legal action, Meraki Alliance Ltd would have to defend its actions on the basis that it took such care, as in all circumstances was reasonably required, to ensure that the highway was not dangerous to road users. It is important therefore that recommendations contained in the report are acted upon wherever possible.

1.6 Departures or Relaxations from Standards

No Departures.

1.7 Previous Road Safety Audits

No previous RSA undertaken.

1.8 Observations

No observations outside the scope of the RSA.

2 Items Raised at Stage 1 Road Safety Audit

This section details the findings of this Stage 1 Road Safety Audit. All locations of identified problems are illustrated on the plan included at **Appendix 2**.

2.1 RSA Problems Stage 1

PROBLEM		**1-1**
Location:	Site access.	
Summary:	A lack of suitable crossing facilities will increase both the risk of trips and falls as well as pedestrian/vehicle collisions.	
It is proposed to construct a new site access junction off Turnstone Way. It is noted that there is no pedestrian crossing facility associated with the site access for pedestrians crossing at the junction. There is an internal crossing, but this is well away from the pedestrian desire line. A lack of suitable crossing facilities will increase both the risk of trips and falls as well as pedestrian/vehicle collisions.		
RECOMMENDATION		
Provide an uncontrolled crossing with tactile paving over the site access junction on the pedestrian desire line.		

END OF PROBLEMS IDENTIFIED AND RECOMMENDATIONS PRESENTED IN THIS STAGE 1 ROAD SAFETY AUDIT

3 Audit Team Statement

We certify that this Road Safety Audit has been carried out in accordance with GG119	
ROAD SAFETY AUDIT TEAM LEADER	
NAME:	JONATHAN BIRKETT
SIGNED:	
POSITION:	DIRECTOR
ORGANISATION	MERAKI ALLIANCE LTD
DATE:	19 MAY 2024
ROAD SAFETY AUDIT TEAM MEMBER	
NAME:	GILLIAN KIDD
POSITION:	AUDIT TEAM MEMBER
ORGANISATION	MERAKI ALLIANCE LTD
DATE:	19 MAY 2024

Appendix 1 – Audited Drawings

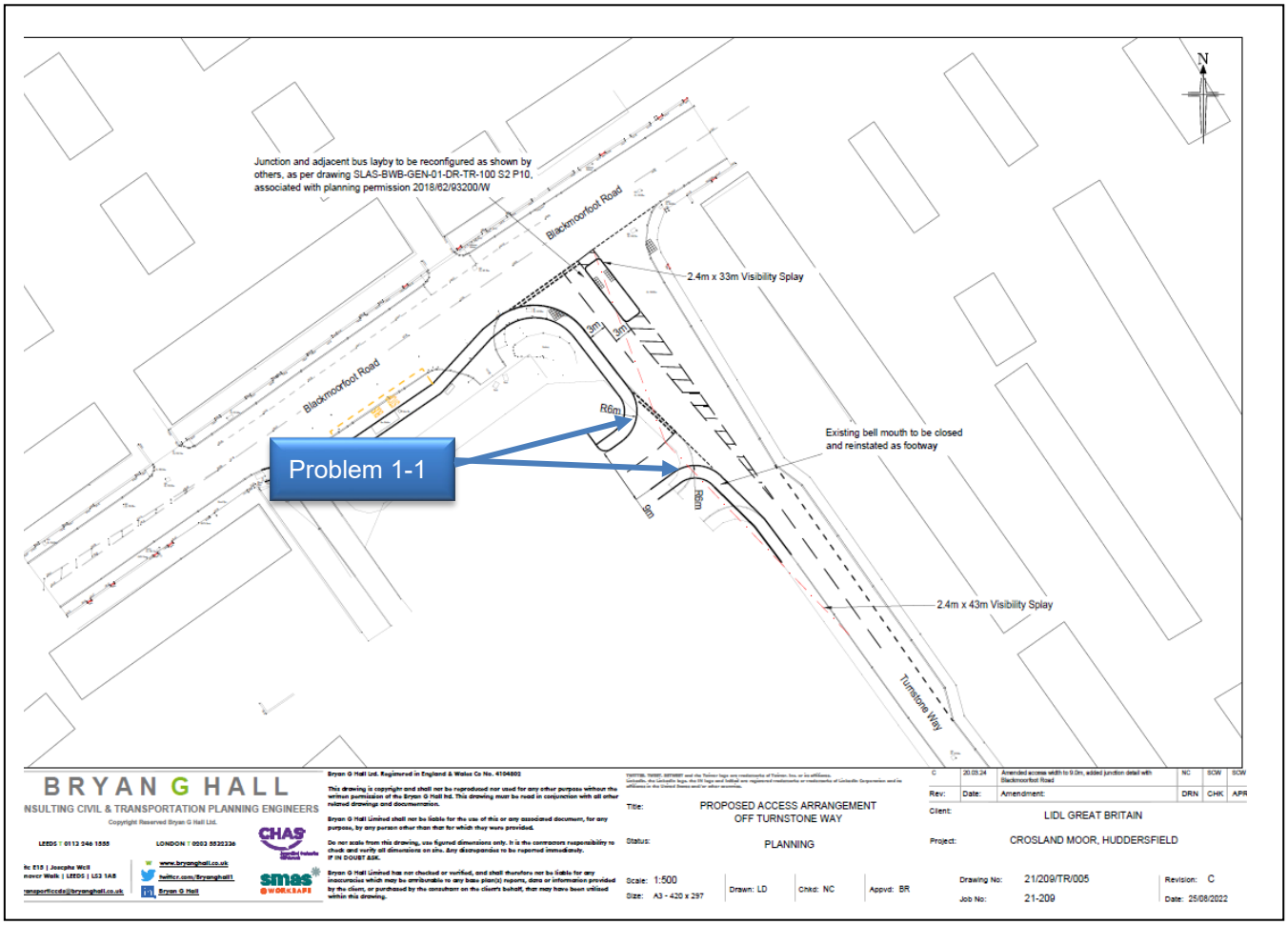
21-209-004.05 Transport Assessment

21-209-ATR-003 Rev A - Swept Path Analysis of HGV

21-209-TR-005 Site Access Arrangement Rev C

2783 P410 Site Location Plan

2783 P413G Proposed Site Plan

Appendix BGH 11 - 2783 P413D Proposed Site Plan

Appendix 2 – Problem Location Plan