www.coraiht.com

Highways Technical Note

Project: : Proposed Lidl, Hollinwood Avenue, Moston
Date: 9th July 2025

1.1.1 This technical note provides additional information to address comments from the highway authority for the above application.

Parking

Provide justification/evidence that the level of proposed parking would cater for parking demand associated with the development. It is therefore requested that cark park usage surveys/data at other Lidl Sites is reviewed along with a TRICS car park accumulation assessment.

1.1.2 Car parking accumulation has been based on the TRICS data and provided in **Tables 1** and **2** for the weekday and Saturday respectively. This shows that the car park would be able to accommodate the likely parking demand.

Table 1: Parking Demand Junction Delays (Weekday)

WEEKDAY	ARRIVALS	DEPARTURES	ARRIVALS	DEPARTURES	Car Park
	Trip	Trip	Trip	Trip	Acc
Time Range					
06:00-07:00	0.483	0.039	6	1	5
07:00-08:00	0.784	0.262	10	3	12
08:00-09:00	4.219	2.784	56	37	31
09:00-10:00	5.387	4.775	72	64	39
10:00-11:00	6.287	5.601	84	75	48
11:00-12:00	6.715	6.488	90	87	51
12:00-13:00	6.851	6.916	91	92	51
13:00-14:00	6.776	7.194	90	96	45
14:00-15:00	7.11	7.077	95	94	45
15:00-16:00	7.191	7.107	96	95	47
16:00-17:00	7.107	7.346	95	98	43
17:00-18:00	6.831	7.34	91	98	37
18:00-19:00	5.627	6.116	75	82	30
19:00-20:00	3.833	4.442	51	59	22
20:00-21:00	2.499	3.21	33	43	12
21:00-22:00	1.038	1.587	14	21	5
22:00-23:00	0.031	0.35	0	5	1
23:00-24:00	0	0	0	0	1
Total	78.769	78.634	1051	1049	

Cora IHT Ltd. Adamson House, Towers Business Park, Wilmslow Road, Manchester, M20 2YY
Email: toan.chau@coraiht.com
Registered in England No 10321930

Table 2: Parking Demand Junction Delays (Saturday)

SATURDAY	ARRIVALS	DEPARTURES	ARRIVALS	DEPARTURES	Car Park
	Trip	Trip	Trip	Trip	Acc
Time Range					
00:00-01:00	0	0	0	0	0
01:00-02:00	0	0	0	0	0
02:00-03:00	0	0	0	0	0
03:00-04:00	0	0	0	0	0
04:00-05:00	0	0	0	0	0
05:00-06:00	0	0	0	0	0
06:00-07:00	0.386	0.14	5	2	5
07:00-08:00	0.968	0.163	13	2	16
08:00-09:00	4.836	3.51	65	47	33
09:00-10:00	6.729	5.617	90	75	48
10:00-11:00	8.513	7.588	114	101	61
11:00-12:00	10.208	9.632	136	128	68
12:00-13:00	9.827	10.363	131	138	61
13:00-14:00	9.481	9.271	126	124	64
14:00-15:00	8.87	8.968	118	120	63
15:00-16:00	8.867	9.52	118	127	54
16:00-17:00	8.136	8.419	109	112	50
17:00-18:00	6.939	7.195	93	96	47
18:00-19:00	4.933	6.021	66	80	32
19:00-20:00	3.619	4.268	48	57	24
20:00-21:00	2.293	2.915	31	39	15
21:00-22:00	1.205	1.691	16	23	9
22:00-23:00	0.097	0.359	1	5	5
23:00-24:00	0	0	0	0	5
Total	95.907	95.64	1279	1276	

Cora IHT Ltd. Adamson House, Towers Business Park, Wilmslow Road, Manchester, M20 2YY
Email: toan.chau@coraiht.com
Registered in England No 10321930

Disabled Bays and Cycle Parking

An additional 1.2m hatched clearance is required around disabled bays.

1.1.3 **Appendix A** provides the update site layout plan to include the amened disabled bays.

1.1.4 The cycle provision has been increased to 14 spaces.

Road Safety Audit

It is requested that a Stage 1 Road Safety Audit is undertaken and provided for comment.

1.1.5 **Appendix B** provides the Stage 1 Road Safety Audit. The RSA highlighted the below:

Problem Summary: Excessive crossing width may increase the risk of vehicle/pedestrian collisions The proposed layout of the junction has resulted in a relatively excessive crossing width for pedestrians wishing to cross the development access road. Excessive crossing widths result in pedestrians having to spend longer time within the carriageway and may result in pedestrians getting stranded when half-way across the junction which may increase the risk of vehicular/pedestrian collisions.

Recommendation It is recommended that the proposed junction layout is amended to remove this potential road safety issue.

1.1.6 We have reviewed the problem above and disagree with the comments. The designer's response is a s follows:

"The access is existing which has been improved. There has been no accidents at the junction involving pedestrians and cyclists over the last 5 years.

The crossing distance, tactile to tactile, is 14m. The maximum permissible crossing distance is 15m, therefore, the crossing distance should be acceptable."

Cora IHT Ltd. Adamson House, Towers Business Park, Wilmslow Road, Manchester, M20 2YY
Email: toan.chau@coraiht.com
Registered in England No 10321930

APPENDICES

Cora IHT Ltd. Adamson House, Towers Business Park, Wilmslow Road, Manchester, M20 2YY
Email: toan.chau@coraiht.com
Registered in England No 10321930

APPENDIX A – SITE LAYOUT

Cora IHT Ltd. Adamson House, Towers Business Park, Wilmslow Road, Manchester, M20 2YY
Email: toan.chau@coraiht.com
Registered in England No 10321930

EXISTING TREES PER AWA SURVEY REF: 'TREE CONSTRAINTS PLAN HOLLINWOOD AVENUE AWA622

BASED ON TECHNICS SURVEY REF: SP241170-0924-01A

THIS DRAWING IS COPYRIGHT, AND REMAINS THE PROPERTY OF HTC ARCHITECTS. IT MUST NOT BE REPRODUCED, USED, DISCLOSED OR TRANSMITTED TO THIRD PARTIES IN ANY FORM, IN WHOLE OR IN PART, WITHOUT PRIOR WRITTEN PERMISSION.

DO NOT SCALE!
ALL DIMENSIONS SHOULD BE CHECKED ON SITE BEFORE WORK COMMENCES

Rev.	Date		Drawn
G	17/06/2025	2 additional pedestrian hoops added under canopy	JBH
F	16/06/2025	Additional hatched area provided to bollard edge of disabled bays, adjusted turning area at end of aisle and fire escape path as required. Added 2 staff cycle hoops within the warehouse.	JBH
E	08/04/2025	Added bollard to warehouse escape door and added delivery drivers yellow line	JBH
D	24/03/2025	Updated existing trees per AWA survey ref: 'Tree Constraints Plan Hollinwood Avenue AWA6229' and removed retaining wall at back of store footpath following updated levels strategy 18.03.25. Updated proposed trees per landscaping plan ref: R-2825-1 Landscape Details 2508A1. Added spec visio layout	JBH

client
Lidl GB Ltd

project
Hollinwood Ave, Manchester

drawing title
Proposed GA Site Plan

date September 2024
status Planning
scale 1:500 @ A3
drawn JBH checked MH
job no. 3607 dwg no. P408 rev. G

htcarchitects
York Place Studio
8 Britannia Street
Leeds
LS1 2DZ
T:(0113) 244 3457
W: www.htcarchitects.co.uk
E: info@htcarchitects.co.uk

APPENDIX B – STAGE 1 ROAD SAFETY AUDIT

Cora IHT Ltd. Adamson House, Towers Business Park, Wilmslow Road, Manchester, M20 2YY
Email: toan.chau@coraiht.com
Registered in England No 10321930

HOLLINWOOD AVENUE, MOSTON, MANCHESTER
PROPOSED ACCESS ARRANGEMENT

STAGE 1 ROAD SAFETY AUDIT

610/2025/140/01 Rev 1

7 July 2025

six:TEN Highways & Traffic Ltd
Bartle House
9 Oxford Court
Manchester
M2 3WQ

t 0151 216 6421
m 07985 283074
e contact@610traffic.co.uk
www.610traffic.co.uk

Rev:	Issue Status:	Prepared by/Date:	Checked by/Date:	Approved by/Date:
0	DRAFT	Jon Preston 4 July 2025	Tristan Brooks 4 July 2025	
1	FINAL	Jon Preston 7 July 2025	Tristan Brooks 7 July 2025	Jon Preston 7 July 2025

Report Title:	Hollinwood Avenue, Moston, Manchester – Proposed Access Arrangement Stage 1 Road Safety Audit
Date:	7 July 2025
Document Reference & Revision:	610/2025/140/01 Rev 1
Prepared by:	Six Ten Highways & Traffic Ltd
On behalf of:	Cora IHT

Disclaimer note

The client has confirmed that it is entering into the agreement under which this report is being prepared on its own behalf and not on behalf of, or for the benefit of any other party and has agreed that in any event of any claim arising out of or in connection with that agreement and/or the report itself it shall be entitled to recover from six:TEN Highways & Traffic Limited only the losses, if any, it has itself suffered.

This report therefore is for the private and confidential use of the client for whom it was prepared solely for the purposes requested by the client. It should not be reproduced in whole or in part or relied upon by any third party for any use whatsoever without the express written authority of six:TEN Highways & Traffic Limited.

CONTENTS

1.0 INTRODUCTION 2

2.0 ITEMS RAISED AT THIS STAGE 1 ROAD SAFEFY AUDIT 4

3.0 ROAD SAFETY AUDIT TEAM STATEMENT 5

APPENDICES

APPENDIX ONE

4.0 LIST OF DRAWINGS AND DOCUMENTS SUPPLIED BY THE DESIGN ORGANISATION 6

APPENDIX TWO

5.0 PROBLEM LOCATION PLAN 7

APPENDIX THREE

6.0 PHOTOGRAPHS 8

APPENDIX FOUR

7.0 PERSONAL INJURY COLLISION LOCATION PLAN 9

1.0 INTRODUCTION

1.1 This report results from a preliminary design Stage 1 Road Safety Audit (RSA) carried out on the proposed access arrangement at Hollinwood Avenue, Moston, Manchester at the request of Cora IHT the designer of the scheme who provided the audit information, and although there was no formal 'audit brief' the RSA team has accepted that sufficient information has been provided to undertake the Stage 1 RSA. The audit team has been approved by the Overseeing Organisation Manchester City Council (LCC) to carryout RSAs on their highway network.

1.2 The Road Safety Audit Team was as follows:

Jon Preston MCIHT MSoRSA
Audit Team Leader

Tristan Brooks* Bsc (Hons), MBA, CMILT, MCIHT, MSoRSA, NH RSA Cert of Comp
Audit Team Member

1.3 Audit Team members marked with an asterisk above hold a National Highways approved Certificate of Competency (CoC) in Road Safety Audit, in accordance with Article (1–3) of EC Directive 2008/96/EC.

1.4 The audit took place at the Manchester office of six:TEN Highways and Traffic between 23 June 2025 and 7 July 2025. The Road Safety Audit was undertaken in accordance with the Road Safety Audit information provided. The audit comprised an examination of the documents provided as detailed in Appendix One.

1.5 The Audit Team visited the site together during the morning of Thursday 26 June 2025 between 11:15hrs and 12:00hrs and comprised a walk and drive-throughs (where available) of the area covered by the scheme. During the site visit the weather was overcast and the carriageway surface was damp. During the site visit, traffic movements in the vicinity of the proposed highway works were moderate with some pedestrian and cyclist/scooter movements observed.

1.6 Hollinwood Avenue in the vicinity of the proposed highway works is currently subject to a 30mph speed limit and there is street lighting throughout.

1.7 The terms of reference of the audit are as described in GG 119 Rev.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 designs to any other criteria. This Road Safety Audit has been undertaken based on the Road Safety Audit Team's previous experience and knowledge in undertaking Collision Investigation, Road Safety Engineering and Road Safety Audits.

1.8 The proposed highway works are associated with a potential supermarket development and in summary includes:

- Provision of a major/minor priority-controlled T-junction on the north-eastern side of Hollinwood Avenue;
- Provision of a right-turn lane within the central reservation to provide access to the proposed development with associated reduction in lanes (i.e. from two lanes to one) on the south-eastbound carriageway to accommodate the right-turn lane; and
- Provision of uncontrolled pedestrian crossings on the development access road.

1.9 The Audit Team have not been informed of any Departures from Standard for the proposed scheme nor have they been made aware of any previous road safety audits carried out on the proposed scheme.

1.10 Personal injury collision data has been obtained from the online Crashmap database which shows there has been five personal injury collisions in the vicinity of the proposed highway works during the latest five-year period (2019-2023) for which data is available. Two collisions occurred to the west of the proposed junction on the approach to the roundabout and both were classed as slight in severity. The remaining three collisions occurred to the east of the proposed junction, two were classed as serious in severity and one was classed as slight in severity. The Personal Injury Collision location plan is shown in Appendix Four.

1.11 The scheme has been examined and this report compiled only regarding the safety implications for road users of the scheme as presented. It has not been examined or verified for compliance with any other Standards or 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. Any audit comments should not be construed as implying that a technical audit has been undertaken in any respect.

1.12 Any 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 GG 119 Rev 2, and in no way, imply that a formal design process has been undertaken. 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.

2.0 ITEMS RAISED AT THIS STAGE 1 ROAD SAFETY AUDIT

2.1 General

2.1.1 No road safety issues identified at this stage.

2.2 Local Alignment

2.2.1 No road safety issues identified at this stage.

2.3 Junctions

2.3.1 No road safety issues identified at this stage.

2.4 Walking, Cycling and Horse Riding

2.4.1 Location: At the proposed junction on Hollinwood Avenue

Problem

Summary: Excessive crossing width may increase the risk of vehicle/pedestrian collisions

The proposed layout of the junction has resulted in a relatively excessive crossing width for pedestrians wishing to cross the development access road. Excessive crossing widths result in pedestrians having to spend longer time within the carriageway and may result in pedestrians getting stranded when half-way across the junction which may increase the risk of vehicular/pedestrian collisions.

Recommendation

It is recommended that the proposed junction layout is amended to remove this potential road safety issue.

2.5 Traffic Signs, Carriageway Markings and Lighting

2.5.1 No road safety issues identified at this stage.

3.0 ROAD SAFETY AUDIT TEAM STATEMENT

We certify that the audit has been carried out in accordance with DMRB GG119 Rev 2.

AUDIT TEAM LEADER

Jon Preston MCIHT MSoRSA

Director — Signed:

six:TEN Highways & Traffic Ltd — Date: 7 July 2025

AUDIT TEAM MEMBER

Tristan Brooks Bsc (Hons), MBA, CMILT, MCIHT, MSoRSA, NH RSA Cert of Comp

Traffic & Road Safety Engineer — Signed:

six:TEN Highways & Traffic Ltd — Date: 7 July 2025

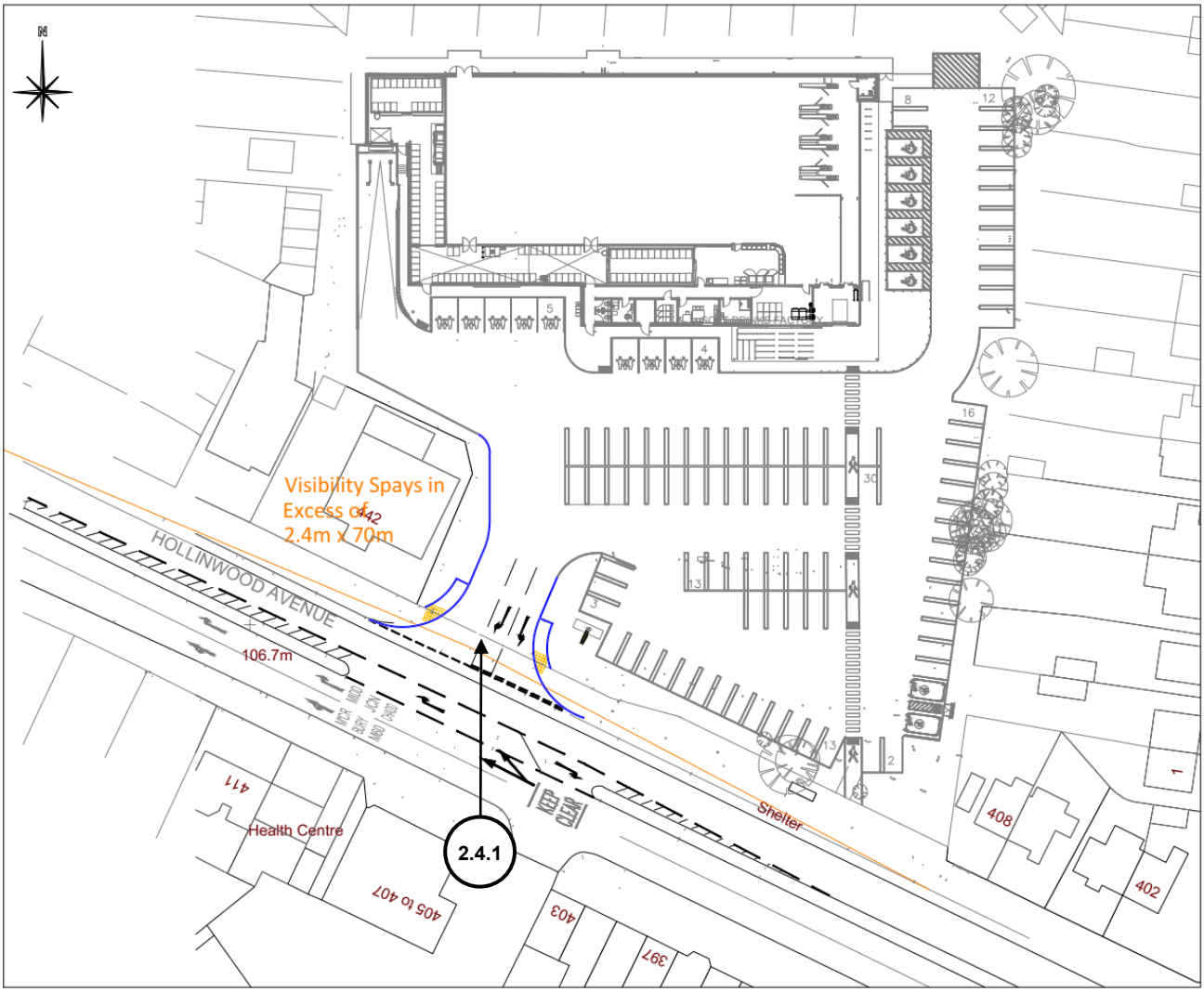
APPENDIX ONE

4.0 LIST OF DRAWINGS AND DOCUMENTS SUPPLIED BY THE DESIGN ORGANISATION

- 16-3060-002 A Proposed Site Access
- 16-3060-003 VSPA
- 3607 P408 G Proposed GA Site Plan
- 16-3060-T001/3 Lidl Moston Transport Assessment April 2025
- 5-year (2019-2023) Personal Injury Collision Data from Crashmap.co.uk

APPENDIX TWO

5.0 PROBLEM LOCATION PLAN

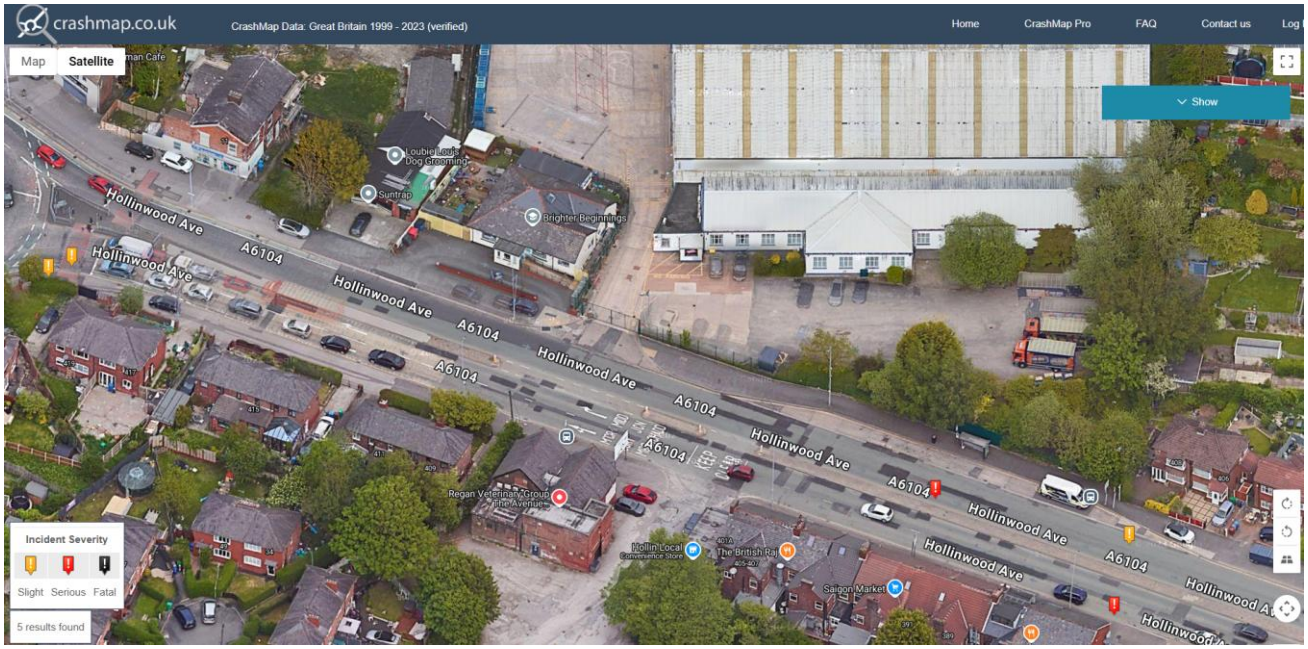


APPENDIX THREE

6.0 PHOTOGRAPHS

6.1 General view looking northwest on Hollinwood Avenue towards the proposed junction.

6.2 General view looking southeast on Hollinwood Avenue towards the proposed junction.

APPENDIX FOUR

7.0 PERSONAL INJURY COLLISION LOCATION PLAN