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## TECHNICAL NOTE

**Project Title:** Workhouse Lane, Burbage

**Report Reference:** JNY10215-05

**Date:** 27<sup>th</sup> April 2021

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### App Ref: 20/01012/OUT – Response to LCC Highways Comments

#### Introduction

- 1.1 This Technical Note has been prepared to address comments provided by Leicestershire County Council (LCC) Highways dated 15<sup>th</sup> February 2021 in respect of the above planning application. Below are the responses provided by LCC in *Blue italics* and RPS response below in black Text.
  - 1.2 *The Applicant has failed to demonstrate the principle of a safe and suitable access route can be achieved to the site between the junction of Workhouse Lane and Britannia Street and the proposed site access, contrary to paragraph 108 of the National Planning Policy Framework.*
  - 1.3 A Technical dated 26<sup>th</sup> January 2021 was issued to LCC which considered the points raised by LCC in detail and concluded that the existing/ proposed section of Workhouse Lane between the site access and its junction with Britannia Road was considered to be safe and suitable for the proposed use and does conform to the relevant design standards.
  - 1.4 Notwithstanding the above, an Independent Stage 1 Road Safety Audit was recently undertaken to review the section of Workhouse Lane between the proposed site access and a point just past the junction with Britannia Road. This audit also reviewed the measures proposed to address the original RSA submitted as part of the TA for the proposed site access. A copy of this Audit is appended to this Technical Note.
  - 1.5 The Safety Auditor did not identify any highway related safety issues on the section of Workhouse Lane between the proposed site access and Britannia Road.
  - 1.6 With regard to the measures that are being proposed in response to the original RSA for the site access, the Safety Auditor raised one point which was regarding to the location of the proposed warning sign. Drawing No. JNY10215-01B shows the sign on the eastbound side of Workhouse Lane, the auditor has advised that visibility to this sign may be restricted by vegetation. The attached designer's response advises that either the vegetation on the northern side of Workhouse Lane is cut back to ensure suitable visibility is provided, alternatively it could be installed on the opposite side of the carriageway which is an acceptable option advised in Department of Transport Traffic Signs Manual Chapter 4 'Warning Signs' 2018. It is considered that cutting back the vegetation will be sufficient in this situation.
  - 1.7 On the basis of the additional evidence from the Independent Road Safety Auditor, it has been further demonstrated that there are no highway related safety issues with the existing section of Workhouse Lane and the improvements proposed as part of this application.
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## Appendices

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## Appendix A – Stage 1 RSA & Designers Response

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**WORKHOUSE LANE,  
BURBAGE, LEICESTER**  
**Proposed Access Arrangement**

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**Road Safety Audit - Stage 1**

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**Final Report**

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**April 2021**

**TBL19/210**

# REPORT APPROVAL

## Project Details

|                           |                                    |                              |                             |
|---------------------------|------------------------------------|------------------------------|-----------------------------|
| Project Title             | Workhouse Lane, Burbage, Leicester |                              |                             |
| Project Sub Title         | Proposed Access Arrangement        |                              |                             |
| Road Safety Audit         | Stage 1                            |                              |                             |
| Document Reference        | TBL19/210 Rev 0                    | Audit Brief Date             | 13 <sup>th</sup> April 2021 |
| Overseeing Organisation   | Leicestershire County Council      |                              |                             |
| Design Organisation       | Melanie A'Lee                      | RPS                          |                             |
| Client                    | -                                  | Central England Co-Operative |                             |
| Maintaining Agent Details | -                                  | -                            |                             |

## Approvals

This document requires the following approvals:

| Name        | Title             |
|-------------|-------------------|
| Sarah Bowie | Audit Team Leader |
| Mario Gatti | Audit Team Member |

## Distribution

This document has also been distributed to:

| Name          | Title & Organisation                               |
|---------------|--|
| Melanie A'Lee | Associate Director – RPS (Transport & Engineering) |

# 1 INTRODUCTION

## 1.1 The Scheme and its Purpose

The proposals are associated with a residential development circa 40 dwellings located off the western side of Workhouse Lane, Burbage, Leicester. Access is proposed via a priority junction arrangement.

Following a previous Stage 1 Road Safety Audit on the proposed development access arrangement and resulting mitigating measures, the extents of this audit have been extended northwards to include Workhouse Lane to a point slightly beyond its junction with Britannia Road.

## 1.2 Terms of Reference & Audit Report

The Road Safety Audit Brief was approved and issued by Melanie A'Lee of the Design Organisation. The RSA team has been approved by Melanie A'Lee of the Design Organisation.

**Table 1** - Audit Team Membership

| Membership        | Name        | Details   |
|-------------------|-------------|---|
| Audit Team Leader | Sarah Bowie | IEng, MICE, FIHE, MCIHT, MSoRSA, HE RSA Cert Comp |
| Audit Team Member | Mario Gatti | BSc Civ Eng, MCIHT, MSoRSA, HE RSA Cert Comp      |

The Road Safety Audit was undertaken in accordance with the requirements of GG 119. No additional audit requirements were requested. The audit comprised of an examination of the brief and the documents provided to the Audit Team, listed in **Appendix A**.

The audit took place at Taylor Bowie Ltd Cambridgeshire office during April 2021 and both Audit Team Members examined the site together in daylight hours on the morning of Tuesday 20<sup>th</sup> April 2021 between the times of 0815 and 0900hrs. The weather during the site visit was mild and sunny. The carriageway surface was dry. Traffic flows at all times within the site extents were light. Several pedestrians (school children and parents) and one cyclist were observed during the site visit throughout the scheme extents.

The scheme has been examined, and this report compiled 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 Departures from Standards (DfS) have been provided to the Audit Team. It is important that if there are any DfS, then they are submitted to the Overseeing Organisation (OO) as soon as possible with appropriate mitigating measures for the OO to approve.

The Audit Team were not provided with any information regarding street lighting or drainage for this stage of audit, however it is important that these provisions are sensitive to the needs of non-motorised users facilities and will not unduly create obstruction hazards along the pedestrian routes.

All Problems and Recommendations are referenced to the design drawings and the locations have been indicated on the A4 plan supplied for use by the Audit Team in **Appendix B**.

### 1.3 Audit Administration

Issues identified during the audit and site visit which the Terms of Reference exclude from this report, but which the audit team wishes to draw to the attention of the OO, will be set out in a separate letter. These issues could include maintenance items and operational issues.

The Audit Team has not identified any issues during this Stage 1 Road Safety Audit and site visit that are considered to be outside the Terms of Reference.

## 2 ITEMS RAISED AT PREVIOUS ROAD SAFETY AUDITS

The safety aspects of the Proposed Access Arrangement were the subject of comment in the November 2019 Stage 1 Road Safety Audit undertaken by Taylor Bowie Ltd.

The Design Organisation, RPS, provided a Designer's Response to the Stage 1 Road Safety Audit Report dated 12<sup>th</sup> November 2019, whereby the safety aspects raised were discussed and mitigating measures proposed.

The extents of this repeated audit have subsequently been extended northwards to include Workhouse Lane to a point slightly beyond its junction with Britannia Road.



### 3 ITEMS RAISED AT THIS STAGE 1 ROAD SAFETY AUDIT

#### 3.1 Local Alignment

No Problems identified in this category at this Stage 1 Road Safety Audit.

#### 3.2 General

|   |  |
|---|--|
| <b>PROBLEM</b>  | 1  |
| Location  | Proposed tie-in to the south of the development access (Drg No. JNY10215-01 Rev C  |
| Summary   | Reduced forward visibility to proposed sign may increase the risk of sudden braking, vehicle to vehicle head on or single vehicle loss of control type collisions. |
| <p>Following the previous stage 1 RSA, a Diag 516 'road narrowing' sign is proposed as part of the mitigating measures.</p> <p>The site visit has confirmed the presence of overgrown vegetation within the eastern verge/private land ownership. This may affect the forward visibility to the proposed sign.</p> <p>A lack of forward visibility may increase the risk of sudden braking, vehicle to vehicle head on or single vehicle loss of control type collision as drivers may not have the required information to read the environment appropriately.</p> |  |
| <b>RECOMMENDATION</b>   |  |
| The Audit Team recommends that the forward visibility to the proposed sign is not compromised by vegetation.  |  |

#### 3.3 Junctions

No Problems identified in this category at this Stage 1 Road Safety Audit.

### 3.4 Walking, Cycling and Horse Riding

No Problems identified in this category at this Stage 1 Road Safety Audit.


### 3.5 Traffic Signs, Carriageway Markings and Lighting

No Problems identified in this category at this Stage 1 Road Safety Audit.

**END OF PROBLEMS IDENTIFIED & RECOMMENDATIONS OFFERED IN THIS STAGE 1 ROAD SAFETY AUDIT**

## 4 AUDIT TEAM STATEMENT

We certify that this Road Safety Audit has been carried out in accordance with GG 119.

| AUDIT TEAM LEADER |   |
|-------------------|---|
| Name              | Sarah Bowie - IEng, MICE, FIHE, MCIHT, MSoRSA, HE RSA Cert Comp                   |
| Signed            |  |
| Position          | Director  |
| Organisation      | Taylor Bowie Ltd  |
| Date              | 23 <sup>rd</sup> April 2021   |

| AUDIT TEAM MEMBER |   |
|-------------------|---|
| Name              | Mario Gatti - BSc Civ Eng, MCIHT, MSoRSA, HE RSA Cert Comp                          |
| Signed            |  |
| Position          | Associate Consultant  |
| Organisation      | Taylor Bowie Ltd  |
| Date              | 23 <sup>rd</sup> April 2021   |

# APPENDIX A

## Documents Forming the Audit Brief

**Drawings:**

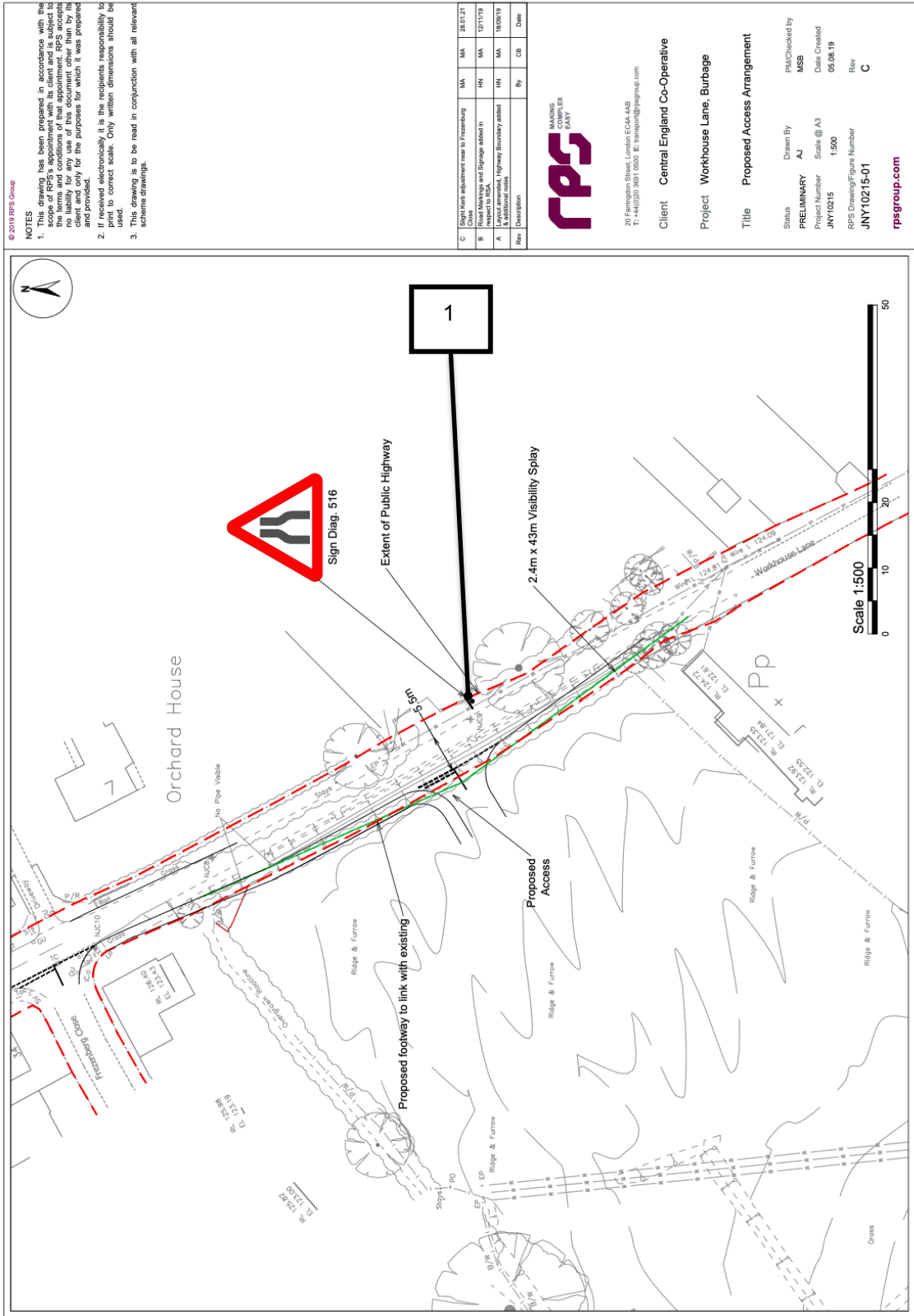
| <b>DRAWING NO.</b> | <b>TITLE</b>   |
|--------------------|--|
| JNY10215-01 Rev C  | Proposed Access Arrangement                                  |
| JNY10215-03        | Workhouse Lane Dimensions and Proposed Access                |
| JNY10215-04        | Workhouse Lane/Britannia Road Medium Car Swept Path Analysis |
| JNY10215-05        | Workhouse Lane/Britannia Road Large Car Swept Path Analysis  |

**Documents/Data:**

|   |
|---|
| <b>RPS</b> – Designer's Response – 12 <sup>th</sup> November 2019 - Ref: JNY10215-03 Rev P01  |
| <b>TBL</b> – Workhouse Lane, Burbage, Leicestershire – Proposed Access Arrangements - Stage 1 Road Safety Audit –November 2019 - Ref: TBL19/130 |

# APPENDIX B

## Problem Location Plan



Taylor Bowie Ltd

ROAD SAFETY & TRANSPORTATION CONSULTANCY

E: [info@taylorbowie.co.uk](mailto:info@taylorbowie.co.uk)

W: [www.taylorbowie.co.uk](http://www.taylorbowie.co.uk)




## WORKHOUSE LANE, BURBAGE

### Stage 1 Road Safety Audit – Designers Response – Proposed Site Access arrangement

| AUDIT   | Problem Summary and Recommendation   | Designers Response  | LCC Comments |
|---------|--|---|--------------|
| 3.2 - 1 | <p><b>Summary:</b> Reduced forward visibility to proposed sign may increase the risk of sudden braking, vehicle to vehicle head on or single vehicle loss of control type collisions.</p> <p>Following the previous stage 1 RSA, a Diag 516 'road narrowing sign is proposed as part of the mitigating measures.</p> <p>The site visit has confirmed the presence of overgrown vegetation within the eastern verge/ private land ownership. This may affect the forward visibility to the proposed sign.</p> <p>A lack of forward visibility may increase the risk of sudden braking, vehicle to vehicle head on or single vehicle loss of control type collision as drivers may not have the required information to read the environment appropriately.</p> <p><b>Recommendation:</b> The Audit Team recommends that the forward visibility to the proposed sign is not compromised by vegetation.</p> | <p>As part of the detailed design a review of the forward visibility to the sign will be undertaken, although it is considered that cutting back of the existing vegetation will be sufficient to provide the required level of visibility.</p> |              |

## Design Organisation Statement

|   |   |
|---|---|
| On behalf of the design organisation I certify that:  |   |
| 1) The RSA actions identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with the Overseeing Organisation |   |
| Name  | Melanie A'Lee   |
| Signed  |  |
| Position  | Associate Director  |
| Organisation  | RPS   |
| Date  | 27/04/2021  |

## Overseeing Organisation statement

|  |                               |
|--|-------------------------------|
| On behalf of the Overseeing Organisation I certify that:   |                               |
| 1) The RSA actions identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with the design organisation; and |                               |
| 2) The agreed RSA actions will be progressed   |                               |
| Name   |                               |
| Signed   |                               |
| Position   |                               |
| Organisation   | Leicestershire County Council |
| Date   |                               |