

STAGE 1 ROAD SAFETY AUDIT

# Bicester Gateway Ltd

Bicester Gateway RM

October 2022

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Oxfordshire County Council

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Stage 1 Road Safety Audit

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## Report control

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## Appendices

- Appendix A – Site Location Plan
- Appendix B – Documents Submitted for Audit
- Appendix C – Problem Location Plan

# 1 Introduction

- 1.1 This report results from a Stage 1 Road Safety Audit (RSA) carried out on Friday 14<sup>th</sup> October 2022. The Audit was carried out on behalf of Bicester Gateway Ltd. The Overseeing Organisation for this Stage 1 RSA is Oxfordshire County Council.
- 1.2 An Audit Brief was prepared by Simon Jones of Vectos South Ltd on 21<sup>st</sup> September 2022. This Brief was accepted by the Audit Team on the same date.
- 1.3 This Road Safety Audit team was as follows:
- ALASTAIR PIKE, MICE, MCIHT, MSoRSA, HE Approved Cert. Comp.  
Audit Team Leader  
Head of Road Safety  
Vectos South Limited
- WING LEE, BEng (hons), PGCert, MCIHT, MIHE, HE Approved Cert. Comp.  
Audit Team Member  
Director  
Grange Transport Consulting
- 1.4 A site visit was undertaken on Thursday 29<sup>th</sup> September 2022 between the hours of 12:00pm and 13:00pm. The weather was overcast but dry and the carriageway surface damp. At the time of the site visit low levels of vehicular traffic were observed on the surrounding road network.
- 1.5 A site location plan can be found at **Appendix A** of this report.
- 1.6 The terms of reference of the Road Safety Audit are as described in the Design Manual for Roads and Bridges (DMRB) Standard, GG119 Road Safety Audit.
- 1.7 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 without touching on technical audit.
- 1.8 The scheme subject to Stage 1 RSA seeks to create a new site access junction to the north of Wendlebury Road and an upgrade to the existing active travel provisions to the south of the A41 on the northern border of the site.
- 1.9 A list of the documents and drawings submitted for this Stage 1 Road Safety Audit can be found at **Appendix B**.
- 1.10 A submitted design drawing has been annotated to show the locations of any problems identified during this Stage 1 Road Safety Audit. This plan can be found at **Appendix C**.
- 1.11 Whilst recommendations have been made within this report, there may be equally satisfactory alternatives. The Audit Team will be pleased to consider alternatives if required.

## Departures from Standards

- 1.12 The Audit Team were not informed of any Departures from Standards (DfS) within the proposed designs.

## 2 Matters arising from this Stage 1 RSA

Drawing No. 7081-059 Proposed Masterplan

### 2.1 Problem.

Location A: Shared use cycleway / footway south of A41.

Summary: Lack of hazard warning tactile paving where footways leading into the site meet the shared use facility may lead to confusion between road users and in turn cause collisions between cyclists and pedestrians.

Design drawings indicate the proposed creation of a shared use cycleway / footway facility to the south of the A41. This shared use facility will connect to the development via footways into the relevant car parks. The designs do not provide the required hazard warning tactile paving where the footways join the shared use facility. This arrangement may lead to confusion between road users and in turn cause collisions between cyclists and pedestrians.

Recommendation:

It is recommended that the appropriate tactile paving is provided at all interfaces along the new shared use facility.

### 2.2 Problem.

Location B: Shared use cycleway / footway, eastern extents, uncontrolled crossing.

Summary: Visibility to the right for users approaching the uncontrolled crossing eastbound is severely restricted and may lead to collisions between cyclists / pedestrians and vehicular traffic.

To the east of the proposed cycleway / footway is an existing uncontrolled crossing facility. The existing crossing in this location is flanked by established vegetation and as such does not provide the required intervisibility from the crossing point to approaching traffic. This arrangement may lead to injudicious crossing movements potentially causing collisions between cyclists / pedestrians and vehicular traffic.

Recommendation:

It is recommended that the appropriate visibility splays are provided free from obstruction in this location.

## 2.3 Problem.

Location C: Wendlebury Road, northern end.

Summary: Junction visibility splay cuts through 3<sup>rd</sup> party land which may obscure visibility potentially leading to shunt / side swipe type collisions on Wendlebury Road

Design drawings show visibility to the east from the HGV access junction will cut through an area of 3<sup>rd</sup> party land to the south of Wendlebury Road. This obstruction to the required visibility splay may lead to injudicious access / egress movements and potentially cause side swipe / shunt type collisions at the junction.

Recommendation:

It is recommended that the appropriate visibility splay in line with vehicle speeds is achieved and maintained free from obstruction.

### 3 Audit Team Statement

3.1 We certify that this Audit has been carried out in accordance with the requirements of GG119.

#### Road Safety Audit Team Leader

Name: Alastair Pike

Signed: 

Position: Head of Road Safety

Organisation: Vectos South Ltd

Date: 14<sup>th</sup> October 2022.

#### Road Safety Audit Team Member

Name: Wing Lee

Signed: 

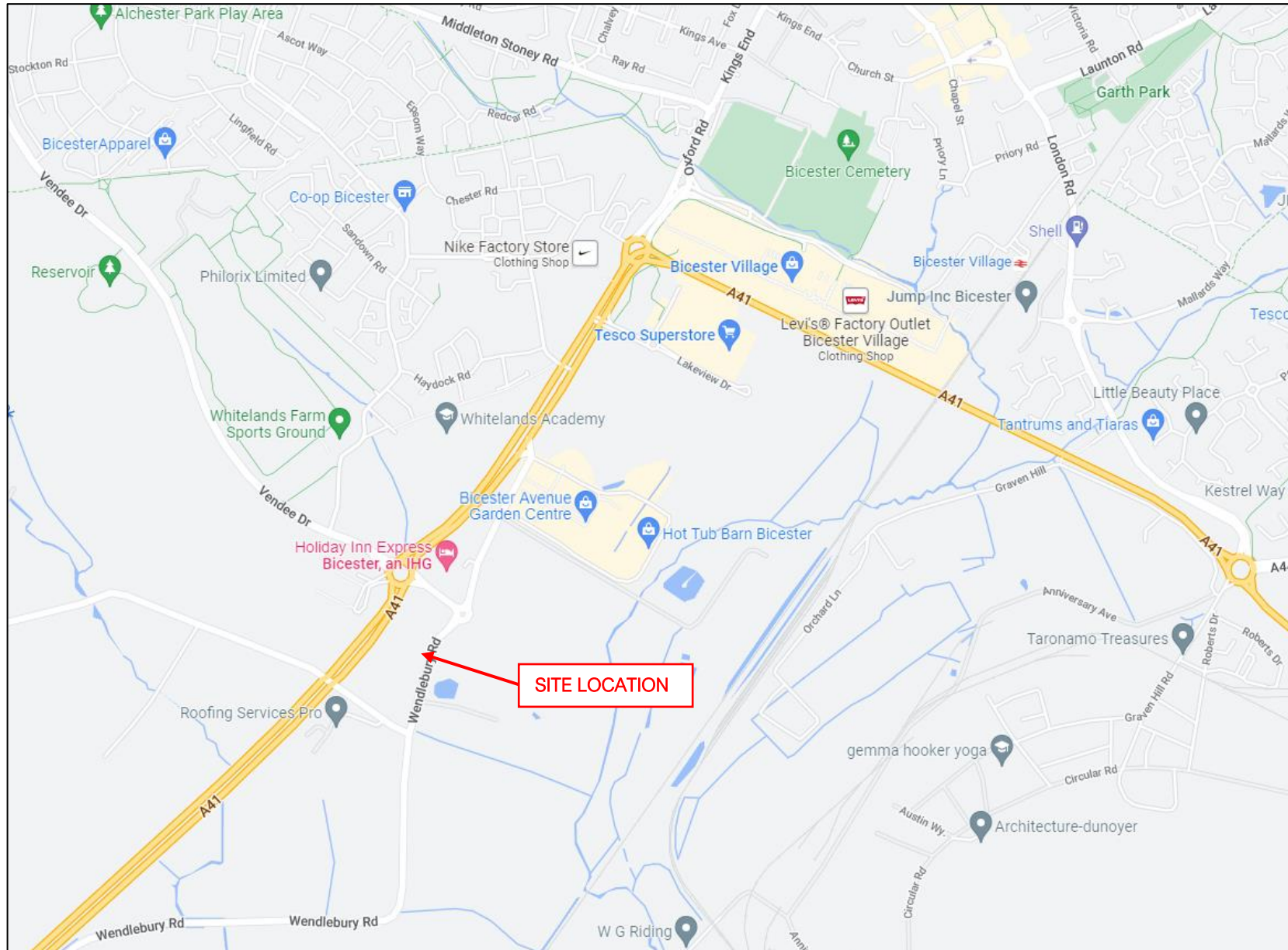
Position: Director

Organisation: Grange Transport Consulting

Date: 14<sup>th</sup> October 2022.



# Appendix A



## Appendix B

<i>DOCUMENT</i>	<i>DOCUMENT TITLE</i>
Audit Brief	RSA Brief - fc - final draft - 210922
Design Drawing	226701_PD01 - Scheme Layout
Design Drawing	226701_PD02 - Visibility Assessment
Report	226701-Transport Statement-V1 - final for submission - issued 300622

## Appendix C

