



APPENDIX M

Road Safety Audit

Wendlebury Road, Bicester

Road Safety Audit
Stage 1

23 May 2019

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Wendlebury Road, Bicester

Road Safety Audit
Stage 1

23 May 2019

Issue and Revision Record

Revision	Date	Originator	Checker	Approver	Description
A	23/05/2019	T J Blaney	J Man	J T Pearson	First Issue

Information class: Standard

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1 Introduction

This report describes a Stage 1 Road Safety Audit carried out on the proposed access arrangements associated with a new c35,000-40,000sqm employment land development together with a David Lloyd facility.

The audit was carried out at the request of David Tucker Associates.

The audit took place at the Bristol office of Mott MacDonald and consisted of a detailed examination of the submitted documentation and drawings listed in **Appendix A**.

It is confirmed that this is a Stage 1 Road Safety Audit and that the audit was undertaken upon completion of the preliminary design work.

The Road Safety Audit Team as approved by the Project Sponsor, Simon Parfit, consisted of:

Tim Blaney BSc (Hons), CMILT, MCIHT, MSoRSA
(Certificate of Competency in Road Safety Audit, July 2012)
Audit Team Leader, Mott MacDonald

Jeffrey Man MEng, MCIHT, MSoRSA
Audit Team Member, Mott MacDonald

The Audit Team visited the site of the proposed works together on Wednesday 22nd May 2019 at 12:15 hrs. During this visit the weather was fine with bright sunshine and the road surface was dry. Traffic conditions were free flowing. No pedestrian or cyclist activity was observed.

This Road Safety Audit was carried out in accordance with Highways England's Departmental Standard GG119. The Road Safety 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.

The comments and suggestions for road safety improvements made in this report seek to address matters that might have an adverse effect on road safety in the context of the chosen design. No attempt has been made to comment on the justification of the scheme. Consequently, the auditors accept no responsibility for the design or construction of the scheme.

All the issues raised in this report are considered to be required for action. The comments contained in the report are based on safety related concerns and as such the design engineer will need to consider carefully how to respond to each of the issues. The Audit Response Report to the audit should be completed by the Design Team and kept on file for future reference.

A Key Plan indicating the location of any identified safety related issues is provided in **Appendix B**.

Scheme Description

The proposed development site consists of c35,000-40,000sqm employment land and a David Lloyd leisure facility. Access to the David Lloyd leisure facility will be via a new priority-controlled T-junction, whilst the employment land access will be via a new four-arm roundabout.

2 Items Raised at this Stage 1 Audit

This section describes road safety related issues identified by the Audit Team associated with the scheme as presented in **Appendix A**. A reference key plan is shown in **Appendix B**.

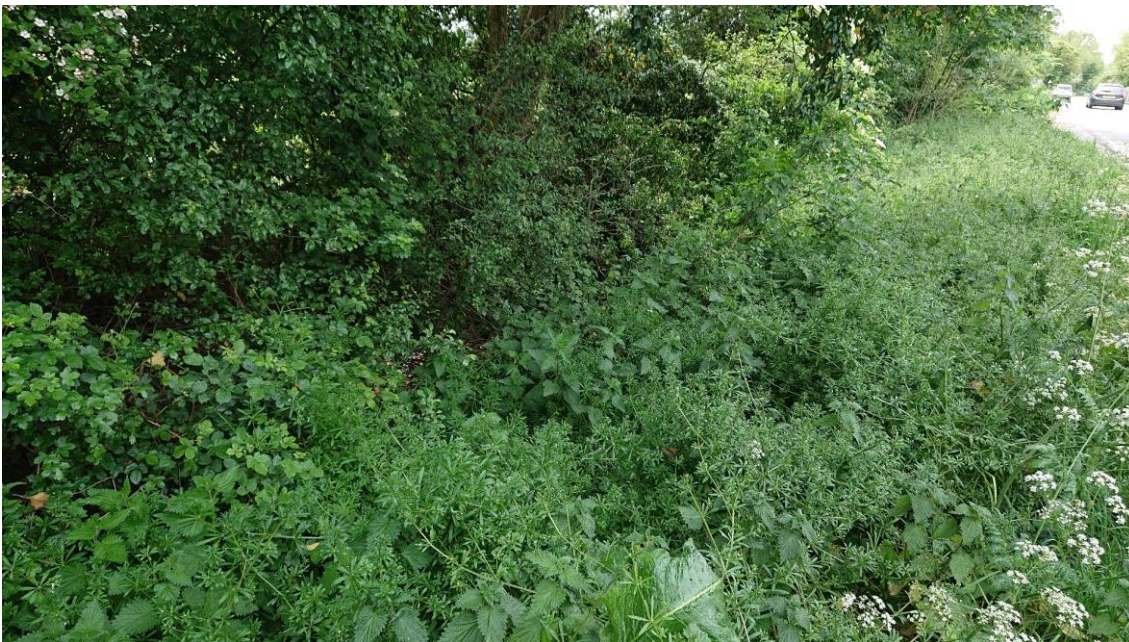
2.1 Problem 1.01

Location: Southern side of Wendlebury Road.

Summary: Drop at back of footway may present a hazard to pedestrians.

A new 2.5m footway / cycleway is proposed along the southern side of Wendlebury Road. There is an overgrown ditch running the length of Wendlebury Road throughout the scheme, with a noticeable level difference from the carriageway level to the bottom of the ditch. Provision of a footway at this location will result in drop at the back of the footway, which may present a hazard to pedestrians or cyclists should they leave the paved surface. This may result in falls resulting in personal injury.

Figure 1: Existing ditch on southern side of Wendlebury Road.



Source: Mott MacDonald

Recommendation

It is recommended that a fence or guardrail is provided at the back of the footway wherever a drop to surrounding surface levels is present. Alternatively, ground at the back of the footway should be graded to avoid a steep drop.

2.2 Problem 1.02

Location: Wendlebury Road – western extent of scheme.

Summary: Unclear end of footway / cycleway.

A new 2.5m footway / cycleway is proposed along the southern side of Wendlebury Road. It is proposed that this will continue to the west of the proposed roundabout, but there are no existing footway / cycleway provisions on this side of the junction. It is unclear if there will be a demand in this direction and therefore the continuation of the footway / cycleway may encourage users continuing to the west to enter the carriageway increasing their vulnerability to being struck.

Recommendation

It is recommended that appropriate tie-ins with surrounding facilities are provided. If no pedestrian / cyclist demand is anticipated in this direction, the footway / cycleway to the west of the roundabout should be omitted from the scheme.

3 Audit Team Statement

We certify that this audit has been carried out in accordance with Highways England's Departmental Standard GG119.

Road Safety Audit Team Leader

T J Blaney BSc (Hons), CMILT, MCIHT, MSoRSA
(Certificate of Competency in Road Safety Audit, July 2012)

Signed:



Date: 23rd May 2019

Principal Road Safety Engineer
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Date: 24th May 2019

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Appendices

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A. List of Drawings & Documents Examined

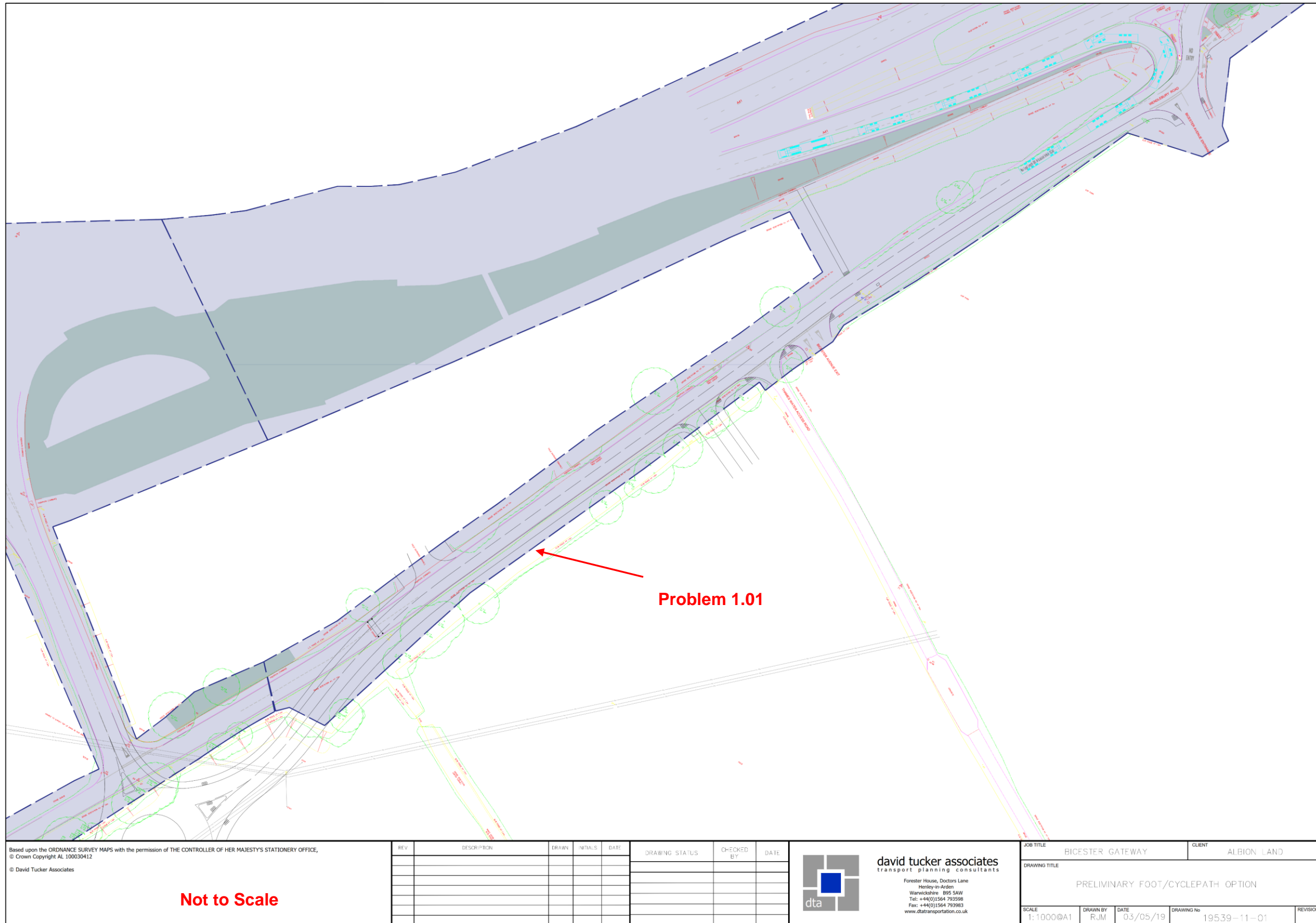
The following drawings and documents were examined as part of this Road Safety Audit.

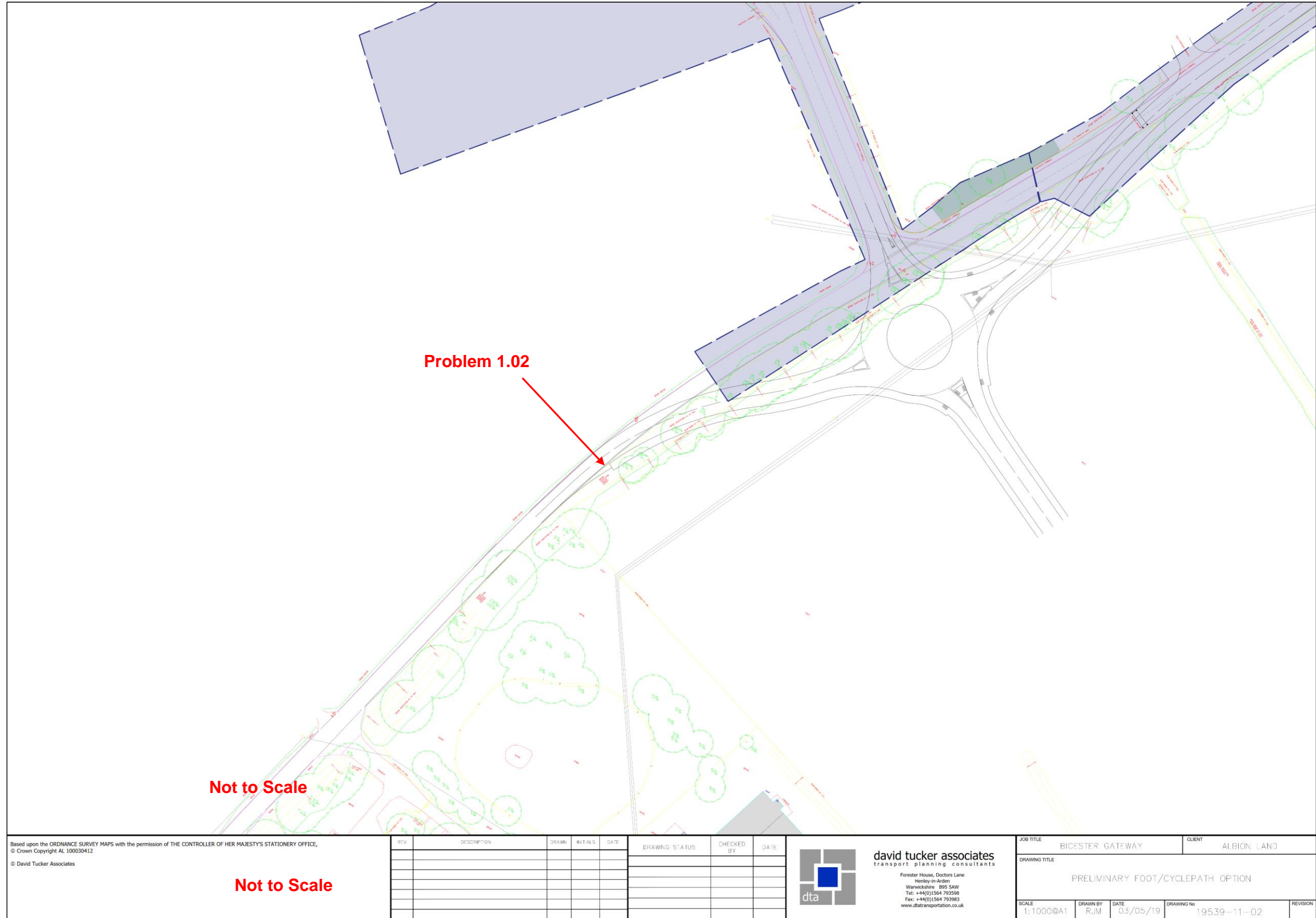
Table 1: Drawings

Drawing Number	Revision	Drawing Title
19539-11-01	-	Preliminary Foot / Cycle Path Option
19539-11-02	-	Preliminary Foot / Cycle Path Option

Source: David Tucker Associates

B. Key Plan – Wendlebury Road, Bicester





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Not to Scale

REV	DESCRIPTION	DRAWN	INITIALS	DATE	DRAWING STATUS	CHECKED BY	DATE



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JOB TITLE		BICESTER GATEWAY		CLIENT		ALBION LAND	
DRAWING TITLE							
PRELIMINARY FOOT/CYCLEPATH OPTION							
SCALE	DRAWN BY	DATE	DRAWING No	REVISION			
1:1000@A1	RJM	03/05/19	19539-11-02				

