

Banbury Oil Depot

Road Safety Audit Response Report




F1 Project details

Table F.1 Project Details

Report title:	Road Safety Audit Response Report – Banbury Oil Depot
Date:	13 th June 2022
Document Reference and revision:	22251-03
Prepared by:	DTA Transportation
On behalf of:	Oxfordshire City Council

Table F.2 Authorisation Sheet

Project:	Project: Banbury Oil Depot
Report title:	Road Safety Audit Response Report (RSA1)
Prepared by:	
Name:	Dave Neale
Position:	Associate Director
Signed	
Organisation:	DTA Transportation
Date:	13 th June 2022

F2 Introduction

This report sets out the design organisation response to problems raised in the Stage 1 Road Safety Audit carried out by Road Safety Consulting Limited (reference RSC/EB/KS/21142, 8th June 2022).

This audit formally considered the proposed access arrangements onto Tramway Road. The audit is attached at **Appendix A**.

The audit raises one problems. For ease of reference the problem numbering set out in Table F.4 follow those provided in the audit.



F3 Key personnel

Table F.3 Key personnel

Overseeing Organisation:	Oxfordshire City Council Francis Hagan Senior Transport Planner
RSA Team:	Elaine Bingham – Audit Team Leader Kevin Seymour – Audit Team Member Road Safety Consulting Ltd 4 Paramore Close Whetstone Leicestershire, LE8 6EY
Design organisation:	<u>DTA Transportation</u> Dave Neale (dn@dtatransportation.co.uk) Forester House, Doctors Lane, Henley in Arden, Warwickshire, B95 5AW T: 01564 793598



F4 Road Safety Audit Decision Log

Table F.4 Road Safety Audit decision log

RSA Problem	RSA recommendation	Design organisation response	Overseeing Organisation response	Agreed RSA action
<p>Problem: 4.1.</p> <p>Location: Proposed Access</p> <p>Summary: Change in use - hazard for cyclists and pedestrians</p> <p>The access joins a shared footway/cycleway and becomes a shared surfaced environment with vehicular traffic. Pedestrians and cyclists used to the existing layout may not be aware of vehicular traffic using this section of the road following the construction of the development. This may lead to collisions between vehicles and pedestrian or cyclists.</p> <p>The inter-visibility between a driver exiting the access and a pedestrian or cyclist travelling towards the access in both directions may be restricted by the site boundary features. This may lead to a driver pulling out into the path of a pedestrian or cyclist resulting in collision and injury.</p>	<p>It is recommended that appropriate inter-visibility splays are provided at the back of the access and kept clear of obstructions. Measures should be implemented to highlight to all users that the area is shared surface environment.</p>	<p>The problem and recommendation are accepted.</p> <p>Drawing 22251-04e-1 shows that the existing kerb line will effectively become the back of the proposed footway/ cycleway (Blue Dashed Line)</p> <p>The development is dedicating additional room along the frontage of the site to assist with the delivery of an improved footway/ cycleway.</p> <p>All vehicles entering and exiting the site will have appropriate visibility of users of the footway/ cycleway before pulling out onto Tramway Road</p>		



F5 Design organisation and Overseeing Organisation statements

Table F.5 Design organisation statement


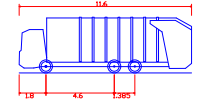
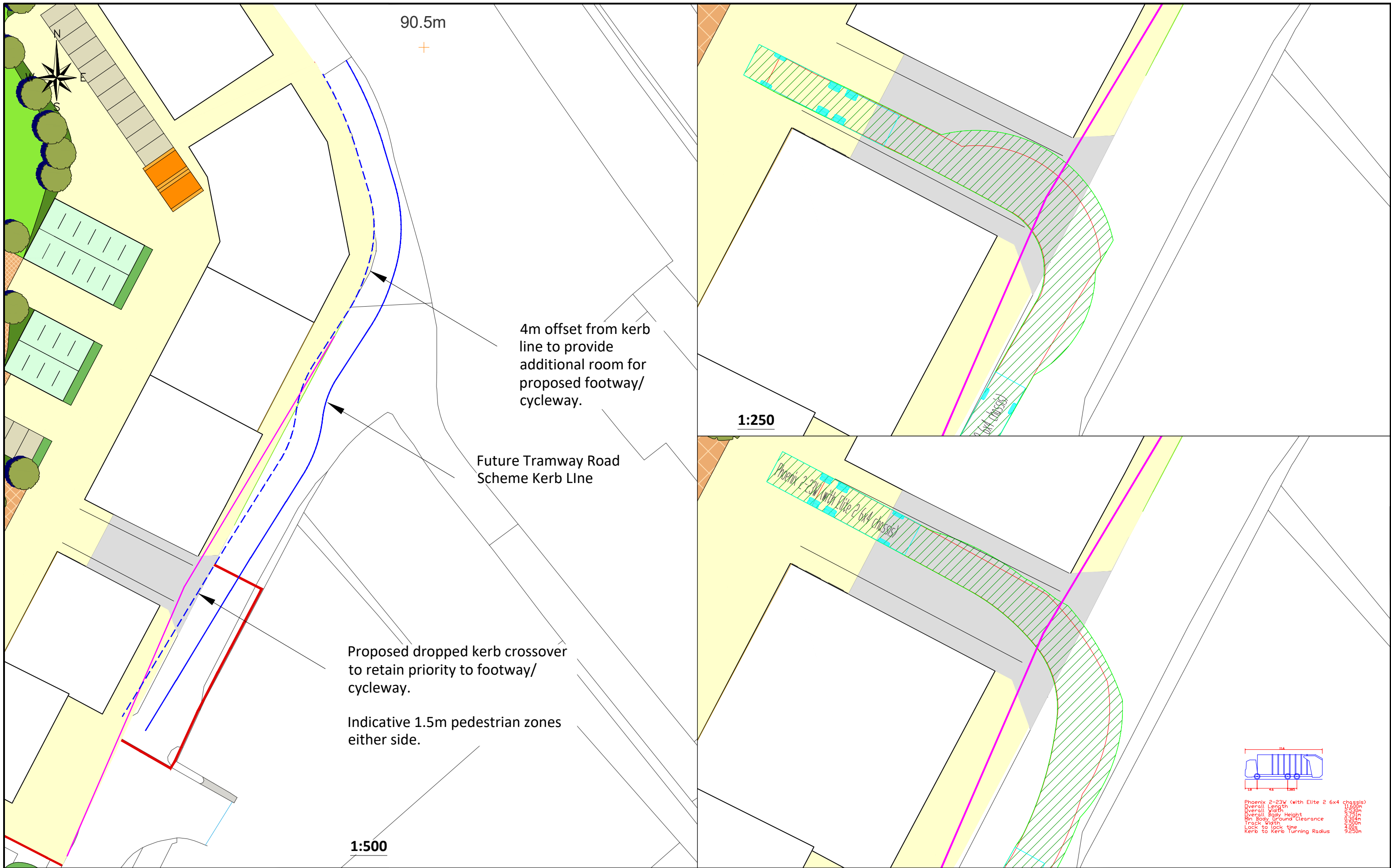
On behalf of the design organisation I certify that:	
1) The RSA actions and other matters identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with the Overseeing Organisation; or	<input type="checkbox"/>
2) The RSA actions and other matters identified in response to the road safety audit problems in this road safety audit cannot be agreed and I wish to proceed to an exception report	<input type="checkbox"/>
Name:	Dave Neale
Signed:	
Position:	Associate Director
Organisation:	DTA Transportation
Date:	13 th June 2022

Table F.6 Overseeing Organisation statement

On behalf of the Overseeing Organisation I certify that:	
1) The RSA actions and other matters identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with the design organisation and will be progressed; or	<input type="checkbox"/>
2) The RSA actions and other matters identified in response to the road safety audit problems in this road safety audit cannot be agreed and I wish to proceed to an exception report	<input type="checkbox"/>
Name:	
Signed:	
Position:	
Organisation:	
Date:	
Name:	
Signed:	
Position:	
Organisation:	
Date:	

Drawings



Phoenix 2-23W (with Elite 2 6x4 chassis)
 Overall Length 11.40m
 Overall Width 2.75m
 Overall Body Height 2.50m
 Min Body Ground Clearance 0.304m
 Track Width 2.50m
 Lock to lock time 4.00s
 Kerb to Kerb Turning Radius 9.250m

Based upon the ORDNANCE SURVEY MAPS with the permission of THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE
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REV	DESCRIPTION	DRAWN	INITIALS	DATE	DRAWING STATUS	CHECKED BY	DATE



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JOB TITLE		Banbury Oil Depot		CLIENT		The Motor Fuel Group	
DRAWING TITLE							
Proposed Development Access							
Footway Crossover and Vehicle Tracking (Refuse)							
SCALE	DRAWN BY	DATE	DRAWING No	REVISION			
@A3	DN	June 22	22251-04-1	E			

Appendix A
Safety Audit

Stage 1 Road Safety Audit

Land at Banbury Oil Depot

Proposed Site Access

Date: 08/06/2022

Report produced for: The Motor Fuel Group

Report requested by: David Tucker Associates

On behalf of: Oxfordshire County Council

Report prepared by: Elaine Bingham, Road Safety Consulting Ltd

Reference: RSC/EB/KS/21142

Document Control Sheet

Project Title Land at Banbury Oil Depot
 Proposed Site Access

Report Title Stage 1 Road Safety Audit
 Reference: RSC/EB/KS/21142

Revision -

Status Final

Control Date 08/06/2022

Record of Issue

Issue	Author	Date	Check	Date	Authorised	Date
Final	EB	07/06/22	KS	08/06/22	KS	08/06/22

Distribution

Organisation	Contact	Copies
David Tucker Associates	Dave Neale	ecopy

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Registered in England and Wales
Company Number 5225549

1. Introduction

- 1.1. This report results from a Stage 1 Road Safety Audit carried out on the proposed site access associated with a residential development and community/retail/commercial space on land currently occupied by Banbury Oil Depot off Tramway Road, Banbury. The Audit was carried out during June 2022.
- 1.2. This Road Safety Audit was produced for (client): The Motor Fuel Group, requested by (design organisation): David Tucker Associates, on behalf of (overseeing organisation): Oxfordshire County Council.
- 1.3. The Audit Team membership was as follows:

Audit Team Leader
Elaine Bingham
B Eng (Hons), MCIHT, MSoRSA
Highways England Certificate of Competence (Road Safety Audit)
Road Safety Consulting Ltd

Audit Team Member
Kevin Seymour
B Sc, PG Dip TS, MCIHT, MSoRSA
Highways England Certificate of Competence (Road Safety Audit)
Road Safety Consulting Ltd
- 1.4. The audit took place at the offices of Road Safety Consulting Ltd between 6th and 8th June 2022. The audit was undertaken in accordance with the email instruction provided and the report has been prepared with reference to the Design Manual for Roads and Bridges (DMRB) GG 119, with exceptions set out in paragraph 2.4.
- 1.5. The Audit Team visited the site together on the 6th June 2022 between 4:00pm and 4:30pm. Weather conditions at the time of the audit were cloudy and dry. The road surface was dry. Traffic flows were negligible along Tramway Road and Station Approach Road (south). The section of Tramway Road fronting the proposed access is currently a shared footway/cycleway. A number of pedestrians and cyclists were observed using the route.
- 1.6. The audit comprised an examination of the information provided by the Design Organisation and listed in Appendix A.
- 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.
- 1.8. All comments and recommendations are referenced to the design drawing and the locations have been indicated on plans in Appendix B.

- 1.9. A Road Safety Audit Response log has been provided in Appendix C; this may assist the designer in appropriately documenting all subsequent decisions with regard to Road Safety Audit comments raised within this report.

2. Items Considered

2.1. Scheme Proposals

- 2.1.1. The planning application is for the redevelopment of the Banbury Oil Depot, to include the demolition/removal of buildings and other structures associated with the oil depot use and the construction of up to 110 apartments, with up to 166m² of community/retail/commercial space. The proposed development is predicted to generate 27 two-way vehicles movements in the AM peak and 32 in the PM peak.
- 2.1.2. Access to the site is to consist of a direct vehicle crossover to retain priority for pedestrians and cyclists. The site access subject to this Road Safety Audit is shown on Drawing 22251-04-1 Rev B. The existing bollards at the end of the turning head on Tramway Road are to be relocated north of the site access, so that all traffic would enter and exit from the south.
- 2.1.3. There is a proposed Tramway Road improvement scheme that is currently being designed by others to improve access to the Banbury Railway Station. This scheme is shown on Drawing 201950-MIL-HGN-ZZ-DR-CH-003 Rev 02. It is understood that the proposed residential access has been designed so that it can tie in with these proposals once they have been implemented.

2.2. Information Provided to the Audit Team

- 2.2.1. Information that has been provided to the Audit Team, for the purpose of this audit, is as outlined within Appendix A of this report.

2.3. Departures from Standards (Design)

- 2.3.1. The Audit Team has not been advised of any design departures from standards.

2.4. Departures from Standards (Road Safety Audit)

- 2.4.1. This Road Safety Audit has been produced, with reference to DMRB – GG 119 – Road Safety Audit with the following exceptions.
- A formal Road Safety Audit brief approved by Oxfordshire County Council has not been provided to the Audit Team, however the Audit Team received a supporting email with relevant background data and information and therefore did not consider that the lack of a formal brief would compromise the production of a Road Safety Audit for these proposals.

3. Items Raised at Previous Road Safety Audits

- 3.1. The Audit Team is unaware of any previous audits directly related to this proposal.

4. Items Raised by this Stage 1 Road Safety Audit

4.1. Problem

Location: Proposed Access

Summary: Change in use - hazard for
cyclists and pedestrians

The access joins a shared footway/cycleway and becomes a shared surfaced environment with vehicular traffic. Pedestrians and cyclists used to the existing layout may not be aware of vehicular traffic using this section of the road following the construction of the development. This may lead to collisions between vehicles and pedestrian or cyclists.

The inter-visibility between a driver exiting the access and a pedestrian or cyclist travelling towards the access in both directions may be restricted by the site boundary features. This may lead to a driver pulling out into the path of a pedestrian or cyclist resulting in collision and injury.

Recommendation:

It is recommended that appropriate inter-visibility splays are provided at the back of the access and kept clear of obstructions. Measures should be implemented to highlight to all users that the area is shared surface environment.

End of Safety Comments

5. Audit Team Statement

We certify that this Stage 1 Road Safety Audit has been carried out with reference to GG 119.


Audit Team Leader

Elaine Bingham
B Eng (Hons), MCIHT, MSoRSA
Highways England Certificate of Competence (Road Safety Audit)
Road Safety Consulting Ltd

Signed:  Dated 7th June 2022

Audit Team Member

Kevin Seymour
B Sc, PG Dip TS, MCIHT, MSoRSA, AMIHE
Highways England Certificate of Competence (Road Safety Audit)

Signed: ..  Dated 8th June 2022

Director of Road Safety Consulting Ltd

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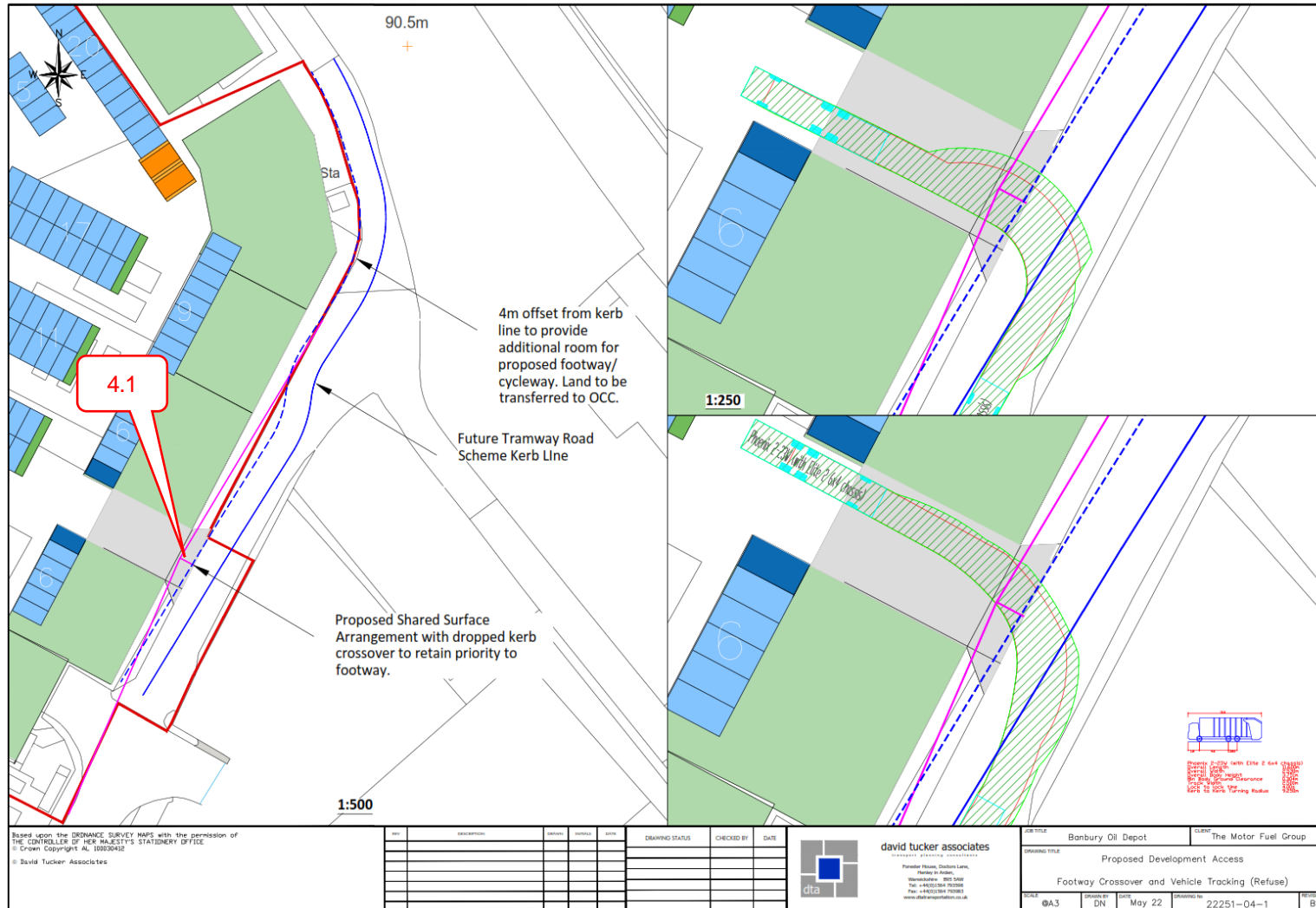
APPENDIX A: Information Provided

List of Information Provided

Document Reference Number	Revision	Title
Drawing 22251-04-1	B	Proposed Development Access Footway Crossover and Vehicle Tracking (Refuse)
Report 22251-02d	-	Transport Assessment
Drawing 201950-MIL-HGN-ZZ-DR-CH-0003	02	General Arrangement Tramway Road Improvements

APPENDIX B: Drawing Showing Problem Locations

Problem numbers shown on the attached drawing refer to Problem numbers within the report.



APPENDIX C: Road Safety Audit Response Log

Report Title:	RSA Stage:
Location:	Date:
Prepared by:	Document Reference:
On Behalf of:	

Original RSA Report Ref: 21142	Date: 8th June 2022
Compiled by: Kevin Seymour and Elaine Bingham	
On behalf of: Road Safety Consulting Ltd	

Key Personnel

Overseeing Organisation: Oxfordshire County Council
RSA Team: Road Safety Consulting Ltd - Kevin Seymour and Elaine Bingham
Design Organisation: David Tucker Associates

Road Safety Audit Decision Log

Prob No:	Location / Summary	Recommendation (summary)	Design Organisation Response	Overseeing Organisation Response	Agreed Action in Response to RSA
4.1					

Design Organisation and Overseeing Organisation Statements

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:

Signed:

Position:

Organisation:

Date:

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 actions in response to the RSA will be progressed.

Name:

Signed:

Position:

Organisation:

Date: