

## Project Details

Report Title:	Stage 2 Road Safety Audit Report
Location:	A429 Coventry Road, Warwick
Date:	14/11/2022
Document reference and revision	RSA3411
RSA Team Leader:	Andy Paul BEng (Hons), MCIHT, HE Cert Comp
RSA Team Member:	Marcus Alford-Longley

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## **1.0 INTRODUCTION**

- 1.1** This report results from a Stage 2 Road Safety Audit on a proposed off-carriageway cycle route scheme, along a section of the A429 Coventry Road, Warwick, Warwickshire. The report was requested by Uzayr Butt, Design Services, Warwickshire County Council.
- 1.2** No member of the Audit Team has been involved with the design process.
- 1.3** A site visit was carried out on Monday, 14 November 2022 between the hours of 10.30 and 11.30 by the Audit Team together. The weather during the site visit was dry and cloudy. Traffic flows were moderate and varied in type. Pedestrian and cyclist flows were light.
- 1.4** The drawings and documents supplied for audit are listed in Appendix A. An annotated plan showing the location of any problems identified is located in Appendix B.
- 1.5** The audit has been carried out in accordance with Warwickshire County Council's safety audit procedure Type B (RSA/A), a Road Safety Audit largely following those recommended in document GG119 'Road Safety Audit' of The Highways England's Design Manual for Roads and Bridges.
- 1.6** 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. All comments and recommendations are referenced to the design drawings and documents supplied with the brief.
- 1.7** In accordance with Warwickshire County Councils Road Safety Audit procedures, it is a requirement that the Design Team in conjunction with the Project Sponsor prepare a Road Safety Audit Response Report, in response to the recommendations made within this audit. This should be completed, and a copy of the final report sent to the Audit Team Leader for their information by 13 December 2022 All responses should be submitted using Appendix D only.
- 1.8** For any recommendations that are not being adopted, the Design Team or Project Sponsor should notify the Audit Team Leader and discuss these issues to try to achieve a mutually agreed solution. If an agreement cannot be reached, the Project Sponsor should then submit an Exception Report to the Assistant Director for Communities for their decision. If an Exception Report is required, a narrative of the exchanges between the Design Team, Project Sponsor and Audit Team Leader should be detailed and submitted alongside the Road Safety Audit Response Form and Exception Report to the Head of Transport and Highways for their information.

## **2.0 PROPOSALS**

The proposals consist of an off-carriageway cycle route along the west side of a section of the A429 Coventry Road, Warwick between The Paddocks and Primrose Hill, including improvements to several side road junctions off the western side of Coventry Road and the conversion of existing Puffin crossings to Toucan crossings.


## **3.0 DEPARTURES FROM STANDARD**


No departures from standards have been notified.

## **4.0 ITEMS ARISING FROM PREVIOUS STAGE 1/2 AUDIT**

**4.1** Previous Road Safety Audits have been carried out on this proposal at stage 1 and stage 1/2 – there are some outstanding issues from those that should be clarified.

**5.0 ITEMS RAISED AT THIS STAGE 1/2 AUDIT**

<b>5.1 PROBLEM</b>	
<b>Location:</b>	Northbound approach to Guys Cross Park Road
<b>Summary:</b>	Potential conflict between pedestrians and cyclists
<p>On the northbound approach to the junction with Guys Cross Park Road, there is currently substantial overgrowth of private property hedges and trees encroaching into the existing footway, which could result in conflict between cyclists and pedestrians.</p>	
	
<b>Recommendation:</b>	
<p>The hedges and trees should be cut back to create the required cycleway / footway width of 2.5m.</p>	

5.2 PROBLEM	
<b>Location:</b>	Northbound approach to Grand Union Canal Bridge
<b>Summary:</b>	Potential injury to cyclists
<p>On the northbound approach to the canal bridge, there are currently a number of low hanging trees over the existing footway, which could cause injury to cyclists travelling along the cycleway.</p>	
	
<b>Recommendation:</b>	
<p>The tree overhang should be cut back so that it is raised to a height of at least 2.5m.</p>	

**5.3 PROBLEM**

**Location:** Coventry Road east side at Station Road

**Summary:** Potential hazards for pedestrians and cyclists

At the junction with Station Road, there are several existing issues that could be hazardous for pedestrians and cyclists, as follows:

- There are two existing road gullies at the junction, one of which could be beneath the proposed road hump at the junction, which could result in flooding in the carriageway and lead to pedestrian slips.
- There is an existing street lighting column that could be in the path of cyclists or pedestrians approaching or exiting the proposed new crossing point, which could result in cyclists or pedestrians colliding with the column, particularly during hours of darkness.
- At the proposed inset cycle priority crossing, kerb upstands are not clear at points on the road hump remote from the tactile paving crossing. Some cyclists may choose to cross the road hump in a “straight line” away from the inset tactile crossing point which, if there is a relatively high kerb upstand, could result in them becoming unseated and lead to injury.



**Recommendation:**

Road gullies should be relocated at the bottom of road hump ramps, the lighting column should be relocated, and kerb upstands away from the inset crossing point should be set at the minimum that will assist visually impaired pedestrians but not present a hazard for cyclists.

**5.4 PROBLEM**

**Location:** Junction with The Paddocks

**Summary:** Potential pedestrian / vehicle conflict

At the junction with The Paddocks, the drawings do not show any tactile paving across the junction. This could lead to a pedestrian stepping out into the junction without realising, and lead to conflict between pedestrians and vehicles entering or emerging from The Paddocks.





**Recommendation:**

Tactile paving should be provided across the junction in line with guidance. This may require the relocation of a road gully currently on the likely pedestrian desire line.

<b>5.5 PROBLEM</b>	
<b>Location:</b>	Junction with Guys Cross Park Road
<b>Summary:</b>	Potential vehicle / vehicle conflict
<p>At the exit from the junction with Guys Cross Park Road, where vehicles are to be prevented from turning right into Coventry Road, the offside kerb alignment as shown on the drawings is unlikely to prevent drivers from attempting to turn right into Coventry Road. This could result in drivers turning right and coming into conflict with oncoming vehicles and lead to vehicle to vehicle conflict.</p>	
<b>Recommendation:</b>	
<p>The offside kerb layout at the junction exit should be adjusted to ensure that all vehicles turn left when exiting onto Coventry Road.</p>	



## 6.0 AUDIT TEAM STATEMENT

We certify that this road safety audit has been carried out in accordance with GG 119 with some relaxations as per WCC Road Safety Audit procedures.	
Road Safety Audit Team Leader	
Name:	Andy Paul
Signed:	
Position:	Engineer
Date:	14/11/2022
Road Safety Audit Team Member	
Name:	Marcus Alford-Longley
Signed:	
Position:	Senior Engineer
Date:	14/11/2022

**APPENDICES**

**APPENDIX A**

**LIST OF DRAWINGS AND DOCUMENTS PROVIDED FOR AUDIT**

<b>Drawings</b>	
	Drawing number
	9.2-A429—063-018 Detailed Design Sheet 1
	9.2-A429—063-019 Detailed Design Sheet 2
	9.2-A429—063-023 Rev B General Arrangement Sheet 1
	9.2-A429—063-024 Rev B General Arrangement Sheet 2

APPENDIX B

LOCATION PLAN OF IDENTIFIED PROBLEMS

