

CAMBRIDGESHIRE COUNTY COUNCIL

ROAD SAFETY ENGINEERING

SAFETY AUDIT STAGE 2

Scheme: Hills Road, Lensfield Road, Gonville Place (Catholic Church)

Date of Report: 6th August 2013

Auditor(s): S Parsons
A Haslock
Peter Taylor (Observer)

Information Supplied: G479/32/10, 20, 21, 30, 40, 41, 42, 43 and 50

Introduction

The Audit was carried out at the request of:

Name Chris Kennett
Job Title Lead Engineer
Organisation Cambridgeshire County Council

The terms of reference of the audit are as described in HD 19/03. The audit 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 or design standards. Design standards are quoted only where those standards have road safety implications.

All comments and recommendations are referenced to the detailed design drawings specified above.

Notified Departures from Standard - None notified

Scheme outline: Refurbishment of traffic signals, including changes to highway geometry, street lighting and the addition of advanced green filter for cyclists on Hills Road.

Daytime site visit: 28th June 2013

Attending: S Parsons, A Haslock
P Taylor

Conditions at Visit:

Weather: Rain/wet
Traffic: heavy
Other Heavy pedestrian flow

Existing Injury Accident Details (Where applicable):

The accidents have been assessed over a five year period between 2008 and 2013

There have been 18 injury accidents of which 17 resulted in slight injuries and one serious.

- 6 collisions occurred between cyclists and vehicles turning in the junction
- 2 collisions occurred between vehicle within the centre of the junction
- A vehicle drove through safety cones and hit scaffolding
- One accident occurred due to the gap acceptance
- 2 accidents occurred as vehicles clipped pedestrians on the footways, one on Hills Road and one on Lensfield Road
- A cyclist collided with a kerb as they tried to join the footway.
- In Gonville Place a driver opened a car door onto a cyclist
- A cyclist rode into the back of a vehicle
- A moped rider fell off driving between vehicles
- 2 cyclists collided

A PROBLEMS RAISED AT THE PREVIOUS STAGE 1 SAFETY AUDIT

This is a combined stage 1/2

FURTHER COMMENTS BY THIS ROAD SAFETY AUDIT TEAM

B ITEMS RAISED AT THIS STAGE 2 AUDIT

B1 GENERAL COMMENTS

B1.1 Problem

Location: signal pole 17 Gonville Place

Summary: signals obscured by foliage

Signal pole 17 is to be placed at the back of the footway adjacent to a high brick wall. There is concern that in the summer months the signal head will be totally obscured by foliage from the trees that are located behind this brick wall.

With a high sided vehicle on the outside lane, ahead/right, poles 14 and 5 may be obscured. Signal pole 17 needs to be clearly visible so as not to confuse drivers when approaching the junction. There is a potential for shunt type accidents or red light running at this location.

Recommendation

Relocate the pole so that the head is clearly visible if this is not possible then severely cut back the trees.

B1.2 Problem

Location: advanced cycle stop line in Hills Road

Summary: at 2m over the recommended length, potential for driver stopping in the area and vehicle/pedestrian collisions.

The advanced cycle stop line in Hills Road is detailed as 7m. The maximum this should be is 5m. If the larger 7m were to be provided the area may be abused by drivers and put pedestrians and cyclists at risk.

Recommendation

Reduce the length to 5m

Audit Team Statement

We certify that we have examined the drawings and documents listed at the commencement of this report. The examination has been carried out with the sole purpose of identifying any features of the design that could be removed or modified in order to improve the safety of the scheme. The problems identified have been noted in this report together with associated safety improvement suggestions which we recommend should be studied for implementation. No one in the Audit Team has been involved with the scheme design.

Sue Parsons

Road Safety Engineering Team
Economy, Transport and Environment Services
Cambridgeshire County Council
CC1309
Shire Hall
Cambridge
CB3 0AP

Signed *S. Parsons.*

Date 8th August 2013

Andrea Haslock

Road Safety Engineering Team
Economy, Transport and Environment Services
Cambridgeshire County Council
CC1309
Shire Hall
Cambridge
CB3 0AP

Signed *Andrea Haslock*

Date: 8 August 2013

CAMBRIDGESHIRE COUNTY COUNCIL ROAD SAFETY ENGINEERING

RESPONSE TO STAGE 2 SAFETY AUDIT

Scheme:

Safety Audit No:

Date of Report:

Auditor(s):
.....

The Audit was carried out at the request of:

Name

Job Title

Organisation

Please give your comments on the points raised in the audit in the table below, continuing on the attached sheet as necessary. For CCC personnel, this form is available electronically and a copy may be obtained by emailing accident.investigation@cambridgeshire.gov.uk.

<i>Item Reference</i>	<i>Accepted (Y/N)</i>	<i>Action Taken/Reasons for Non-Compliance</i>

Respondent's Name

Signed

Date

Received by Audit Team

Date

Item Reference	Accepted (Y/N)	Comments