



Pedestrian Guardrail Removal (Batch 85)

A205 Corridor, South

Road Safety Audit

Stage 3

Ref: 1014.90/VAR/A205/TLRN/2010

Prepared for:

TfL Roads Directorate

By:

TfL Better Routes and Places

Report Date: **September 2010**

Issue Version: **A**



Safety Audit Document Control Sheet

Audit Title: Pedestrian Guardrail Removal (Batch 85)

Audit Stage: 3

Audit Reference: 1014.90/VAR/A205/TLRN/2010

Prepared by: Andrew Coventry

Checked by: Shane Martin

Approved by: David Condon

Version	Status	Date
A	Audit report issued to Client	03/09/10
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1.0 INTRODUCTION

1.1 Commission

- 1.1.1 This report results from a Stage 3 Road Safety Audit carried out on the removal of pedestrian guardrail.
- 1.1.2 The Audit was undertaken by TfL BRP in accordance with the Audit Brief issued by the Client Organisation on 8th April 2010. It took place at the Palestra offices of TfL during September 2010 and comprised an examination of the documents provided as listed in Appendix A, plus visits to the sites of the schemes.
- 1.1.3 The visits to the sites of the schemes were made on 1st and 2nd September 2010. During the site visits the weather was sunny and the road surface was dry.

1.2 Terms of Reference

- 1.2.1 The Terms of Reference of this Audit are as described in TfL Procedure SQA-0170. 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.
- 1.2.2 Safety issues identified during the Audit and site visit that are considered to be outside the Terms of Reference, but which the Audit Team wishes to draw to the attention of the Client Organisation, are set out in section 4 of this report.
- 1.2.3 Unless general to the scheme, all comments and recommendations are referenced to the detailed design drawings and the locations have been indicated on the plan located in Appendix B.

1.3 Main Parties to the Audit

1.3.1 Client Organisation

Client Officer: Steve Decker, TfL – Roads Directorate
Senior Client Officer: Shaun Pidcock, TfL – Roads Directorate

1.3.2 Design Organisation

Designer: Enterprise Mouchel (South area)

1.3.3 Audit Team

Audit Team Leader: Andrew Coventry BEng (Hons) CMILT MCIHT MSoRSA
Audit Team Member: Shane Martin MCIHT MSoRSA

1.4 Purpose of the Scheme

1.4.1 The purpose of the scheme is to remove pedestrian guardrail at various locations.

1.4.2 The locations that are the subject of this audit are given below:

A205 London Rd Number 30-48
A205 London Rd / Devonshire Rd
A205 Westhorne Avenue/ Rochester Way Relief Road
A205 London Road/ Sydnham Hill
A205 London Road / Sydenham Rise
A205 Devonshire Road/ David's Road
A205 Perry Vale / Waldram Crescent
A205 Stanstead Road / Kemble Road
A205 Stanstead Road / Brockley Rise
A205 Stanstead Road / Blythe Vale
A205 Stanstead Road / Catford hill
A205 Bromley Road / Sangley Road
A205 Brownhill Road / Plassy Road
A205 Brownhill Road / Laleham Road
A205 Brownhill Road / St Fillans Road
A205 Brownhill Road / Stainton Road
A205 St Mildreds Road / Verdent Lane
A205 St Mildreds Road / Baring Road
A205 Westhorne Avenue / Alnwick Road
A205 Westhorne Avenue / Alwold Crescent
A205 Westhorne Avenue / Eltham Road
A205 Westhorne Avenue / Keeling Road
A205 Rochester Way / Cobbett Road
A205 Well Road / Castlewood Drive
A205 Academy Road / Shooters Hill Road
A205 Woolwich New Road / Ha-Ha Road
A205 John Wilson Street / Wellington Street
A205 John Wilson Street / Calderwood Street
A205 Kew Road / Waterloo Place
A205 Mortlake Road / Lower Richmond Road



2.0 ITEMS RAISED IN PREVIOUS ROAD SAFETY AUDITS

The proposals were subject to Stage 1/2 audit as part of Batches numbered 127, 148, 178, 199, 240, 258, 267, 268, 273, 274 and 283, carried out during 2009 and 2010 by either TfL LRSU or Ringway Jacobs. There are no outstanding issues from the previous Audits.

3.0 ITEMS RAISED AT THIS STAGE 3 ROAD SAFETY AUDIT

3.1 A205 London Rd Number 30-48

Site Reference: 1014.90/VAR/A205-01.01/South/TLRN/2010
1014.90/VAR/A205-01.02/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.2 A205 London Rd / Devonshire Rd

Site Reference: 1014.90/VAR/A205-02.02/South/TLRN/2010
1014.90/VAR/A205-02.05/South/TLRN/2010
1014.90/VAR/A205-02.06/South/TLRN/2010
1014.90/VAR/A205-02.09/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.3 A205 Westhorne Avenue/ Rochester Way Relief Road

Site Reference: 1014.90/VAR/A205-03.01/South/TLRN/2010
1014.90/VAR/A205-03.03/South/TLRN/2010
1014.90/VAR/A205-03.04/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.4 A205 London Road/ Sydnham Hill

Site Reference: 1014.90/VAR/A205-04.01/South/TLRN/2010
1014.90/VAR/A205-04.02/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.5 A205 London Road / Sydenham Rise

Site Reference: 1014.90/VAR/A205-05.01/South/TLRN/2010
1014.90/VAR/A205-05.02/South/TLRN/2010
1014.90/VAR/A205-05.03/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

It is noted that PGR section B has been removed from site 05.02. This section of PGR guided pedestrians to the controlled crossing point, but following removal the Audit Team see no considerable safety implications to warrant replacement.

3.6 A205 Devonshire Road/ David's Road

Site Reference: 1014.90/VAR/A205-08.02/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.7 A205 Perry Vale / Waldram Crescent

Site Reference: 1014.90/VAR/A205-10.01/South/TLRN/2010
1014.90/VAR/A205-10.02/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.8 A205 Stanstead Road / Kemble Road

Site Reference: 1014.90/VAR/A205-12.01/South/TLRN/2010
1014.90/VAR/A205-12.02/South/TLRN/2010
1014.90/VAR/A205-12.03/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.9 A205 Stanstead Road / Brockley Rise

Site Reference: 1014.90/VAR/A205-13.01/South/TLRN/2010
1014.90/VAR/A205-13.02/South/TLRN/2010
1014.90/VAR/A205-13.03/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.10 A205 Stanstead Road / Blythe Vale

Site Reference: 1014.90/VAR/A205-15.01/South/TLRN/2010
1014.90/VAR/A205-15.02/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

It is noted that PGR section B has been removed from site 15.01, and PGR section A has been removed from site 15.02. These locations were subject to a subsequent GRAF assessment and the Audit Team have no issues to raise regarding the removal of these sections of PGR.

3.11 A205 Stanstead Road / Catford hill

Site Reference: 1014.90/VAR/A205-17.03/South/TLRN/2010
1014.90/VAR/A205-17.05/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.12 A205 Bromley Road / Sangley Road

Site Reference: 1014.90/VAR/A205-22.01/South/TLRN/2010
1014.90/VAR/A205-22.04/South/TLRN/2010
1014.90/VAR/A205-22.05/South/TLRN/2010
1014.90/VAR/A205-22.08/South/TLRN/2010
1014.90/VAR/A205-22.09/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.13 A205 Brownhill Road / Plassy Road

Site Reference: 1014.90/VAR/A205-23.01/South/TLRN/2010
1014.90/VAR/A205-23.02/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.14 A205 Brownhill Road / Laleham Road

Site Reference: 1014.90/VAR/A205-25.01/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.15 A205 Brownhill Road / St Fillans Road

Site Reference: 1014.90/VAR/A205-26.01/South/TLRN/2010
1014.90/VAR/A205-26.02/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.16 A205 Brownhill Road / Stainton Road

Site Reference: 1014.90/VAR/A205-27.01/South/TLRN/2010
1014.90/VAR/A205-27.02/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.17 A205 St Mildreds Road / Verdent Lane

Site Reference: 1014.90/VAR/A205-29.05/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.18 A205 St Mildreds Road / Baring Road

Site Reference: 1014.90/VAR/A205-31.04/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.19 A205 Westhorne Avenue / Alnwick Road

Site Reference: 1014.90/VAR/A205-32.03/South/TLRN/2010
1014.90/VAR/A205-32.04/South/TLRN/2010
1014.90/VAR/A205-32.06/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.20 A205 Westhorne Avenue / Alwold Crescent

Site Reference: 1014.90/VAR/A205-34.01/South/TLRN/2010
1014.90/VAR/A205-34.03/South/TLRN/2010
1014.90/VAR/A205-34.05/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.21 A205 Westhorne Avenue / Eltham Road

Site Reference: 1014.90/VAR/A205-35.01/South/TLRN/2010
1014.90/VAR/A205-35.02/South/TLRN/2010
1014.90/VAR/A205-35.03/South/TLRN/2010
1014.90/VAR/A205-35.05/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.22 A205 Westhorne Avenue / Keeling Road

Site Reference: 1014.90/VAR/A205-36.02/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.23 A205 Rochester Way / Cobbett Road

Site Reference: 1014.90/VAR/A205-38.01/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.24 A205 Well Road / Castlewood Drive

Site Reference: 1014.90/VAR/A205-39.01/South/TLRN/2010
1014.90/VAR/A205-39.02/South/TLRN/2010
1014.90/VAR/A205-39.04/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.25 A205 Academy Road / Shooters Hill Road

Site Reference: 1014.90/VAR/A205-41.01/South/TLRN/2010
1014.90/VAR/A205-41.02/South/TLRN/2010
1014.90/VAR/A205-41.03/South/TLRN/2010
1014.90/VAR/A205-41.04/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.26 A205 Woolwich New Road / Ha-Ha Road

Site Reference: 1014.90/VAR/A205-45.04/South/TLRN/2010
1014.90/VAR/A205-45.07/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.27 A205 John Wilson Street / Wellington Street

Site Reference: 1014.90/VAR/A205-46.03/South/TLRN/2010
1014.90/VAR/A205-46.06/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.28 A205 John Wilson Street / Calderwood Street

Site Reference: 1014.90/VAR/A205-47.05/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

3.29 A205 Kew Road / Waterloo Place

Site Reference: 1014.90/VAR/A205-51.01/South/TLRN/2010
1014.90/VAR/A205-51.02/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.



3.30 A205 Mortlake Road / Lower Richmond Road

Site Reference: 1014.90/VAR/A205-57.01/South/TLRN/2010
1014.90/VAR/A205-57.02/South/TLRN/2010
1014.90/VAR/A205-57.05/South/TLRN/2010
1014.90/VAR/A205-57.06/South/TLRN/2010
1014.90/VAR/A205-57.12/South/TLRN/2010

The Audit Team have reviewed these works and have no issues to raise regarding the removal of these sections of PGR.

It is noted that 2 single panels of PGR (sections A & C) remain at site 57.02.

End of list of Problems identified and Recommendations offered in this Stage 3 Audit



4.0 ISSUES IDENTIFIED DURING THE STAGE 3 ROAD SAFETY AUDIT THAT ARE OUTSIDE THE TERMS OF REFERENCE

Safety issues identified during the audit and site inspection that are considered to be outside the Terms of Reference, but which the Audit Team wishes to draw to the attention of the Client Organisation, are set out in this section. These issues could include maintenance items, operational issues or existing poor provision. It is to be understood that, in raising these issues, the Audit Team in no way warrant that a full review of the highway environment has been undertaken beyond that necessary to undertake the Audit as commissioned.

No issues raised.



5.0 AUDIT TEAM STATEMENT

We certify that we have examined the drawings and documents listed in Appendix A. to this Safety Audit Report. The Road Safety Audit has been carried out with the sole purpose of identifying any feature that could be removed or modified in order to improve the safety of the measures. The problems identified have been noted in this report together with associated suggestions for safety improvements that we recommend should be studied for implementation.

No one on the Audit Team has been involved with the design of the measures.

AUDIT TEAM LEADER:

Name: Andrew Coventry
BEng (Hons) CMILT MCIHT MSoRSA

Signed:

Position: Senior Road Safety Auditor

Date:

Organisation: Transport for London
Better Routes and Places

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AUDIT TEAM MEMBER:

Name: Shane Martin MCIHT MSoRSA

Signed:

Position: Senior Road Safety Auditor

Date:

Organisation: Transport for London
Better Routes and Places

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APPENDIX A

Documents Forming the Audit Brief

Safety Audit Briefs:

S-A205-01.01	S-A205-01.02
S-A205-02.02	S-A205-02.05
S-A205-02.06	S-A205-02.09
S-A205-3.01	S-A205-3.03
S-A205-3.04	S-A205-4.01
S-A205-4.02	S-A205-05.01
S-A205-05.02	S-A205-05.03
S-A205-8.02	S-A205-10.01
S-A205-10.02	S-A205-12.01
S-A205-12.02	S-A205-12.03
S-A205-13.01	S-A205-13.02
S-A205-13.03	S-A205-15.01
S-A205-15.02	S-A205-17.03
S-A205-17.05	S-A205-22.01
S-A205-22.04	S-A205-22.05
S-A205-22.08	S-A205-22.09
S-A205-23.01	S-A205-23.02
S-A205-25.01	S-A205-26.01
S-A205-26.02	S-A205-27.01
S-A205-27.02	S-A205-29.05
S-A205-31.04	S-A205-32.03
S-A205-32.04	S-A205-32.06
S-A205-34.01	S-A205-34.03
S-A205-34.05	S-A205-35.01
S-A205-35.02	S-A205-35.03
S-A205-35.05	S-A205-36.02
S-A205-38.01	S-A205-39.01
S-A205-39.02	S-A205-39.04
S-A205-41.01	S-A205-41.02
S-A205-41.03	S-A205-41.04
S-A205-45.04	S-A205-45.07
S-A205-46.03	S-A205-46.06
S-A205-47.05	S-A205-51.01
S-A205-51.02	S-A205-57-01
S-A205-57-02	S-A205-57-05
S-A205-57-06	S-A205-57-12



APPENDIX B

Problem Locations

