

CLIENT:- THE CROFT PRACTICE

**NEW HIGHWAY ACCESS
BARNHAM ROAD
EASTERGATE, WEST SUSSEX**

**ROAD SAFETY AUDIT
STAGE 1 REPORT (updated)**

June 2021

M B Projects Ltd.

Job No. 116.155

Issue: FINAL

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1. INTRODUCTION

1.1 This report results from an updated Stage 1 Road Safety Audit carried out on the preliminary design of the proposed highway access to a new Doctors' Surgery off Barnham Road in Eastergate, West Sussex, at the request of the Highways Consultant, Motion, 84 North Street, Guildford, Surrey GU1 4AU, on behalf of the Overseeing Organisation, West Sussex County Council.

1.2 The Road Safety Audit Team membership was as follows:

Martin Brownsey	BSc DipEM MCIHT CoC Director, M.B.Projects Ltd
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Ted Smith	CoC Traffic Safety Consultant
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1.3 The original Road Safety Audit took place at the Oxted office of M.B.Projects Ltd during September 2016. The Audit was undertaken in accordance with the audit brief in TTP Consultants email dated 31st August 2016. The Audit comprised an examination of the drawings and documents provided and these are listed in Appendix A. This updated report reflects the introduction of the new road safety audit standard, GG119.

1.4 The site was visited by the Audit Team together on the afternoon of 15th September 2016 when weather conditions were dry and sunny. Traffic conditions on Barnham Road were light/moderate and a couple of pedestrians and no cyclists observed in the vicinity.

1.5 The terms of reference for this Road Safety Audit are as described in GG119 Road Safety Audit. 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.

1.6 Each problem identified has been given a location reference and these are indicated on the A3 location plan in Appendix B.

1.7 The proposed works includes a simple T- junction on Barnham Road, with a 6m wide access road with footway on one side to serve the proposed new Doctors' Surgery.

1.8 No details of any Departures from Standard have been provided by the Design Organisation.

2. ITEMS RESULTING FROM THIS STAGE 1 AUDIT

2.1 GENERAL

2.1.1 No problems identified in this category at this Stage 1.

2.2 LOCAL ALIGNMENT

2.2.1 No problems identified in this category at this Stage 1.

2.3 JUNCTIONS

2.3.1 PROBLEM

Location: A (drawing 2016-2889-DWG-203) – Site Access Road

Summary: Side road gradient

It was observed that the existing unmade access road slopes down to Barnham Road. A future side road slope could result in vehicles rolling forward into the path of southbound vehicles on Barnham Road and collision occurring.

RECOMMENDATION It is recommended that the detailed design includes a flattish section of access road to the give way line to reduce the risk of roll forward incidents.

2.4 NON-MOTOR VEHICLE PROVISION

2.4.1 PROBLEM

Location: B (drawing 2016-2889-DWG-203) – Barnham Road

Summary: Pedestrian desire line

It was observed that there is a northbound bus-stop located a short distance to the south of the proposed access, but no existing crossing point for visitors to the Medical Centre to cross Barnham Road. There is a risk of pedestrians crossing from unsafe locations, or where there is a full height kerb upstand risking trip or fall.

RECOMMENDATION It is recommended that the Designer reviews the need for a formal dropped kerb crossing point between the access and the bus stop to assist pedestrian movement/desire lines.

2.4.2 PROBLEM

Location: C (drawing 2016-2889-DWG-203) – Barnham Road

Summary: Risk of slip

The northbound bus stop could be used by visitors to the Surgery. At present there is no hardstanding at the bus stop which is located within a verge area. Concern arises that a passenger could slip on wet grass while getting on or off the bus, risking personal injury.

RECOMMENDATION It is recommended that a hard standing area should be provided across the verge at the bus stop to assist bus passengers to get on and off the bus.

2.5 SIGNS AND LIGHTING

2.5.1 PROBLEM

Location: D (drawing 2016-2889-DWG-203) – Barnham Road

Summary: Risk of exacerbating an existing collision related

Reference to the 'Crashmap' injury accident database for the 5 year period 2015 to 2019 shows 4 recorded injury accidents along this stretch of Barnham Road. Two of these involved a car/car collision resulting in slight casualties, while two involved a single car incident both resulting in serious casualties. There is a risk that increased movements to the new Medical Centre could exacerbate an existing problem.

RECOMMENDATION It is recommended that the detailed data should be acquired and analysed in order to establish if there any problems that might need addressing. For example, there is presently a lack of signage to the car park, which could be causing late braking/rear shunt collisions.

3. AUDIT TEAM STATEMENT

We certify that this audit has been carried out in accordance with the principles of GG119.

AUDIT TEAM LEADER:

Name: MARTIN G BROWNSEY BSc DipEM MCIHT CoC

Position: Director

Organisation: MB Projects Ltd

Address: Farthings, Grants Lane, Oxted, Surrey, RH8 0RH

Signed:



Date: 22nd June 2021

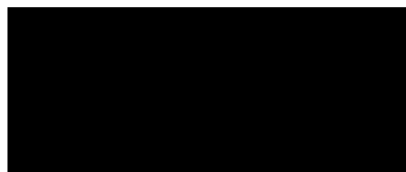
AUDIT TEAM MEMBER:

Name: TED SMITH CoC

Position: Traffic Safety Consultant

Address: 1A The Parade, East Wittering, West Sussex

Signed:



Date: 22nd June 2021

MB Projects Ltd
Highways Consultancy



APPENDIX A

LIST OF DRAWINGS AND DOCUMENTS EXAMINED IN THIS AUDIT

Drawing No.	Scale	Description
<u>TTP Consulting Engineers</u>		
2016-2889-DWG-203	1:250	Proposed Junction Improvements
2016-2889-AT-101	1:250	Swept Path Analysis using Large Refuse Vehicle
2016-2889-TR01	1:250	Swept Path Analysis of the Proposed Junction
Documents:		
Traffic Survey	K&M Surveys	June 2016

