

Proposed Development at Old Vicarage Field, Church Road Turners Hill, West Sussex

Highway Access Arrangements

Stage 1 Road Safety Audit

June 2025

Table of Contents

1. Introduction
2. Items raised at this Road Safety Audit
3. Audit Team Statement

Appendices

- A. Problem Location Plan

Project / Document Details	
Date:	09/06/2025
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Prepared by:	Alpha Highway Consultants Limited
Client	Elivia Homes
Design Organisation:	Transport Planning Associates Limited
Overseeing Organisation:	West Sussex County Council

1. Introduction

- 1.1 This report results from a Stage 1 Road Safety Audit carried out during June 2025 at the request of the design organisation, Transport Planning Associates Limited, No.9 Journey Campus, Castle Park, Cambridge CB3 0AX.
- 1.2 The Road Safety Audit relates to proposed site access arrangements associated with development at Old Vicarage Field, Church Road, Turners Hill, West Sussex.
- 1.3 The Audit Team membership was as follows:

J Bown (Audit Team Leader) Alpha Consultants

B Newiss (Audit Team Member) Alpha Consultants

- 1.4 The Audit took place at the offices of Alpha Consultants during June 2025 and included an examination of the following documents:
 - Drawing No. 2202-008.PL101 A
 - Drawing No. 2202-008.PL102 A
 - Drawing No. 2202-008.SP101 A
 - Drawing No. 2202-008.SP102 A
 - Drawing No. 2202-008.SP103 A
 - Drawing No. 2202-008.VS101 A
 - Drawing No. 20.173 100 A
 - Transport Assessment (Ref: 2202-008/TA/02 May 2025)
 - CrashMap Collision Reports
 - Traffic Flow Forecasts
- 1.5 The Audit Team visited the site on the afternoon of 5 June 2025. The weather conditions were partly cloudy and dry. The surfaces were damp following some earlier rainfall.
- 1.6 The terms of reference of the Audit are as described in the DMRB GG 119.
- 1.7 The Audit Team has acted independently of the Design Team and has had no prior involvement in the design of the scheme.
- 1.8 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.

2. Items raised at this Road Safety Audit

JUNCTIONS

2.1 Problem

Location: Site access junction

Summary: Existing vegetation could obstruct proposed visibility splay looking west



Description:

There is currently dense vegetation in the vicinity of the proposed site access. This could obstruct the visibility splay looking west from the access junction, if not adequately cleared, potentially leading to a risk of failure to give way collisions.

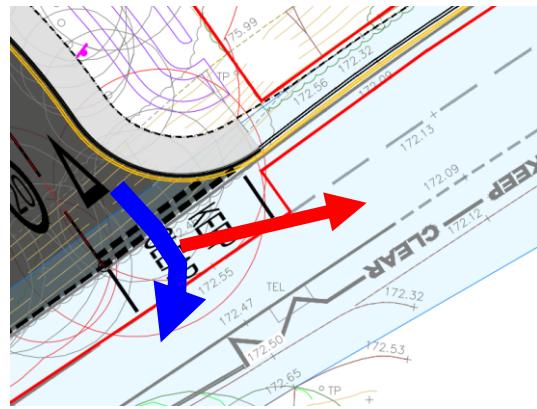
Recommendation:

It is recommended that the proposed visibility splays are cleared of any obstruction and maintained accordingly.

2.2 Problem

Location: Site access junction

Summary: Proposed 'Keep Clear' marking and provision of adequate visibility looking east



Description:

It was observed during the site visit that the Church Road junction with North Street/Selsfield Road can be very busy at times, with queues extending back beyond the proposed site access. The Audit Team therefore welcomes the proposed introduction of a 'Keep Clear' marking across the site access. In order for the arrangement to operate effectively, it will be important that motorists making a right turn from the site, between queuing traffic, have adequate visibility of any approaching westbound vehicles on Church Road, as illustrated above. Otherwise there may be a risk of failure to give way collisions.

Recommendation:

It is recommended that motorists emerging between queuing traffic are provided with adequate visibility of any approaching westbound vehicles. It is recommended that the proposed 'Keep Clear' marking is extended eastwards, if necessary to achieve this.

2.3 Problem

Location: Site access road

Summary: Potential conflict between opposing vehicles if inter-visibility is inadequate



Description:

It is noted from the swept path information provided that larger vehicles may encroach onto the opposite side of the access road carriageway when making a turn into or out of the site. Whilst this is not unusual at junctions of this type, it will be important that opposing drivers have adequate inter-visibility of one another. Otherwise, there may be a risk of conflict between opposing vehicles, or sudden/unexpected braking and a risk of rear shunt collision.

Recommendation:

It is recommended that adequate inter-visibility is provided between opposing drivers in the vicinity of the junction.

3. Audit Team Statement

We certify that this Audit has been carried out in accordance with the principles of GG 119.

AUDIT TEAM LEADER:

J Bown MBA PGDipMS IEng FIHE MICE MSoRSA
Alpha Consultants
18-20 Groveland Way
Stotfold
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Signed:



Date: 9 June 2025

AUDIT TEAM MEMBER

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Signed:



Date: 9 June 2025

Appendix A

Problem Location Plan

