

**Proposed Development north of Gosport Road, Fareham  
Proposed Junction Improvement – Priority Junction Option**



**Road Safety Audit Stage 1**

**on behalf of Pegasus Group**

Andy Paul BEng (Hons); MCIHT  
HE RSA Cert Comp  
Road Safety and Highway  
Engineering Consultant

## Gosport Road / Newgate Lane, Fareham – Junction Improvement

### Road Safety Audit Stage 1

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#### 1 Introduction

- 1.1 This report describes a Stage 1 Road Safety Audit carried out on proposed improvements to an existing priority junction, in association with a proposed development off Newgate Lane, Fareham, on behalf of Pegasus Group. The audit was carried out on 22<sup>nd</sup> February 2020 in the office of Mr Paul.
- 1.2 The Audit Team members were as follows:
- Andy Paul - BEng (Hons), MCIHT  
HE Approved Certificate of Competence  
Road Safety and Highway Engineering Consultant
- Kevin Seymour, BSc, PG Dip TS, MCIHT, MSoRSA  
HE Approved Certificate of Competence  
Road Safety Consulting Ltd
- 1.3 The audit comprised an examination of the drawings and other information relating to the scheme supplied by the design office, which is listed in **Appendix A**. The site was visited by the Audit Team together on 13<sup>th</sup> February 2020 at 1pm. The weather was dry and bright. Traffic flows were moderate, and pedestrian and cycle flows were very low.
- 1.4 The terms of reference of the audit are as described in Standard GG 119 (previously HD 19/15). The 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 design to any other criteria.
- 1.5 All of the problems described in this report are considered by the audit team to require action in order to improve the safety of the scheme and minimise accident occurrence.
- 1.6 The scheme consists of improvements to the existing priority junction between Gosport Road and Newgate Lane, Fareham, Hampshire.

## 2 Items resulting from this Stage 1 Audit

### 2.1 PROBLEM

Location – Junction central area

Summary: Potential collisions between vehicles on Gosport Road and right turning HGVs

On the drawings provided, the depth of the right-turn area for vehicles turning right out of Newgate Lane into Gosport Road southbound is not clear. If the depth of the central right-turn dwelling area is insufficient to accommodate a large vehicle, collisions between northbound vehicles on Gosport Road and the tail-end of a right turning HGV could occur.

### RECOMMENDATION

The depth of the central right-turn dwelling area should be sufficiently wide to ensure it can accommodate the largest vehicle that will use it.

### OBSERVATION

Currently, there is a traffic island protecting the right-turn lane from southbound vehicles on Gosport Road, as shown below. It is unclear from the drawings whether this island will remain in place, or be replaced by a similar traffic island. It may be prudent to retain a traffic island at a suitable position in the final scheme design.

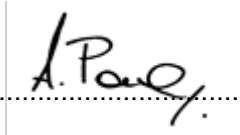


### 3 Audit Team Statement

We certify that the terms of reference of the audit are as described in Standard GG 119.

#### Audit Team Leader

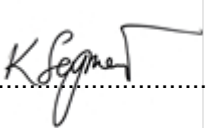
Andy Paul - BEng (Hons), MCIHT  
HE Approved Certificate of Competence  
Road Safety and Highway Engineering Consultant

Signed .....  .....

Date ..... 23<sup>rd</sup> February 2020 .....

#### Audit Team Member

Kevin Seymour, BSc, PG Dip TS, MCIHT, MSoRSA  
HE Approved Certificate of Competence  
Road Safety Consulting Ltd

Signed .....  .....

Date ..... 23<sup>rd</sup> February 2020 .....

## **APPENDIX A**

### **Information Provided**

#### **List of Drawings Examined:**

Drawing No. BRS 4989 Option 2

Location Plan

#### **Other Information Provided:**

Transport Assessment

Transport Technical Note

Traffic Modelling Data