

SUBMISSION TO WEST SUSSEX COUNTY COUNCIL FOR DEPARTURES FROM STANDARD

Project Name	Land West of Fontwell Avenue, Fontwell
Applicant Organisation	Paul Basham Associates
Applicant Ref	N/A
Highway Authority Ref	BN/50/20/PL
Applicant Contact Details	Shaan Novitzki shaan@paulbashamassociates.com 01329711000
Date Submitted	July 2020

1) PROJECT DETAILS

A	Description	The application proposes the demolition of existing structures onsite & erection of 42 No. dwellings with access onto Fontwell Avenue.
B	Location	Fontwell Avenue, Fontwell PO20 3RX
C	Road Category	TA 79/99 UAP1
D	Road Type	S2
E	Design Speed	70B kph (determined by TA 22/81 85%ile wet weather speeds)
F	Speed Limit	40mph
G	Traffic Flows	5,055 northbound and 5,728 southbound
H	NMU Flows	N/A

2) DEPARTURE DETAILS

A	Discipline	Road Geometry
	Type	Distance between Right/Left Stagger
B	Relevant Standard(s)	DMRB CD 123
	Clause	2.23
C	Difference Between Standard(s) and proposed design	The standards states that a distance of 50m should be provided between junctions for right/left staggers, however a distance of 41m, 9m short of the standard, is proposed.
D	Reason for Departure (overview)	The access is located in between two existing junctions, Wandley's Lane to the south and Level Mere Lane to the North. To accommodate the deceleration length and direct taper lengths required, the location of the right turn lane falls 9m closer to the Wandleys Lane junction.
E	Associated Project Departures	A departure has also been submitted for the taper lengths, however the remaining design accords with the standards set out in CD 109 and CD 123.
F	Other Options Considered	Relocating the access to the south of the Wandley's Lane junction was considered, however sufficient space is not provided to support the provision of a right turn lane and the associated road widening works. This option would also create a left/right stagger which is not preferred (as per CD 123 2.22.1).

3) JUSTIFICATION (POTENTIAL POSITIVE AND NEGATIVE IMPACTS)

A	Safety	The access design has been subject to a Stage 1 Road Safety Audit, in which no concerns were raised by the Auditor regarding the separation of the junctions. The distance between the proposed junction and the existing Wandley's Lane junction is marginally short (9m) of the standard and is it not considered that this would impact on highway safety, especially considering there being little desire for movements between the two side roads. Providing the right turn lane in another location to the south of the Wandley's Lane junction would create a left/right stagger which is not preferred as identified in CD 123 2.221.
B	Congestion/ Delay	N/A
C	Environmental / sustainability	N/A
D	Capital and whole life cost/value	N/A
E	Accessibility	N/A
F	Integration	The proposed access location ensures that the proposed access integrates with the existing road layout, with clear distance provided between the existing junctions on Fontwell Avenue.
G	Structural	N/A
H	Network resilience & Maintenance	N/A

4) COMPENSATORY MEASURES

A	Included Measures	The distance between the two junctions has been provided to the maximum available.
B	Rejected Options	Providing an access south of the Wandley's Lane junction is restricted due to the length of the deceleration lane and direct taper length required, as well as the widening works required to accommodate the right turn lane. It is therefore unlikely that access into the site via a right turn lane could be provided in another location.

5) DESIGN ORGANISATIONS CONCLUDING REMARKS

The proposed access location ensures that the maximum distance is available between the site access and Wandley's Lane.

6) ATTACHMENTS AND OTHER INFORMATION

A	List of Attachments	020.0360.001 020.0360.003 020.0360.012 Road Safety Audit Report
B	Consultations	N/A
C	Other Information	N/a

7) DECISION – (HIGHWAY AUTHORITY USE ONLY)

NAME 1	
ROLE	

SIGNED		DATE	
NAME 2			
ROLE			
SIGNED		DATE	
MARK ONE BOX:	1- APPROVED ☐	2-APPROVED WITH COMMENTS ☐	3- REJECTED ☐
COMMENTS			