

SUBMISSION TO WEST SUSSEX COUNTY COUNCIL FOR DEPARTURES FROM STANDARD

Project Name	Land east of Orchard Gardens Woodgate
Applicant Organisation	TC Planning
Applicant Ref	5919A
Highway Authority Ref	AL/111/16-OUT
Applicant Contact Details	Lawrence Stringer, GTA Civils Ltd., lstringer@gtacivils.co.uk
Date Submitted	November 2016

1) PROJECT DETAILS

A	Description	Proposed right turn lane on A29 at junction with Orchard Gardens
B	Location	A29 Woodgate
C	Road Category	TA 79/99 UAP3
D	Road Type	S2
E	Design Speed	60 kph (determined by TD 9/93 Urban Road Speed Limit)
F	Speed Limit	30mph
G	Traffic Flows	11,700 vehs 2-way 24 hr/5 day
H	NMU Flows	No known

2) DEPARTURE DETAILS

A	Discipline	Road Geometry
	Type	
B	Relevant Standard(s)	Ghost island turning lane shall be 3.5m
	Clause	7.35
C	Difference Between Standard(s) and proposed design	Proposed ghost island turning lane is 3m, a reduction of 0.5m.
D	Reason for Departure (overview)	Limited width available to achieve a full 3.5m. The number of turning movements does not warrant a right turn lane. However, it has been proposed to help address the potential issue with right turners blocking the main northbound carriageway.
E	Associated Project Departures	N/A
F	Other Options Considered	N/A

3) JUSTIFICATION (POTENTIAL POSITIVE AND NEGATIVE IMPACTS)

A	Safety	A wider width would be required to accommodate larger vehicles. The number of right turning HGVs using the proposed facility is likely to be minimal.
B	Congestion/Delay	No impact
C	Environmental / sustainability	N/A
D	Capital and whole life cost/value	N/A
E	Accessibility	N/A
F	Integration	N/A

G	Structural	N/A
H	Network resilience & Maintenance	N/A

4) COMPENSATORY MEASURES

A	Included Measures	Not needed
B	Rejected Options	None

5) DESIGN ORGANISATIONS CONCLUDING REMARKS

Based on the likely low number of turning movements and minimal movements by HGVS, the relaxation to 3m at an existing junction is a reasonable and safe compromise.

6) ATTACHMENTS AND OTHER INFORMATION

A	List of Attachments	Layout drawing 5919/100A
B	Consultations	
C	Other Information	

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						