

RESPONSE TO HAVANT HIGHWAYS – OCTOBER 2016

1.0 INTRODUCTION

- 1.1 Planning application APP/16/00875 for a KFC with drive thru' at Larchwood Avenue, Bedhampton is currently being considered by Havant Borough Council.
- 1.2 No objections to the application have been raised by the highway authorities of Havant Borough Council, Hampshire County Council, or Highways England.
- 1.3 However subsequent to the response from the Havant highways officer an objection to the proposals has been made by Eaton Aerospace, one of the businesses at the Larchwood Business Centre to the north of the proposed site. As a result the Havant highways officer has raised the following matter:

'All the roads and junction within site including Larchwood Avenue are un-adopted and will only affect the highway network if queuing stretches back to the improved ASDA Roundabout. The letter from Eaton Aerospace concerns me and I would suggest that the applicant is asked to produce a traffic analysis of the effect of the increased traffic on the small roundabout by the filling station with special reference to queue lengths.'

- 1.4 This note aims to address the queries raised by Eaton Aerospace as referenced above by the Havant highways officer.

2.0 KFC TRAFFIC IMPACT

2.1 Existing Traffic

- 2.1.1 As set out in Section 2.5 of the Transport Assessment, August 2016, traffic surveys were undertaken at the Larchwood Avenue/Asda Road roundabout junction on Friday 13th May 2016 between 16.00-19.00 and Saturday 14th May 2016 between 11.30-14.30.
- 2.1.2 As well as recording the number of vehicles passing through the roundabout junction queue length surveys on each arm of the junction were undertaken. Queue lengths were recorded by the number of vehicles queuing at each 5-minute interval, by lane.
- 2.1.3 On the Friday evening peak hour a maximum of two vehicles were recorded waiting on Larchwood Avenue. This occurred at 17.50. For the majority of the Friday evening survey no queues were recorded on the Larchwood Avenue approach to the roundabout.
- 2.1.4 On Saturday a maximum of three vehicles were recorded queuing on Larchwood Avenue, at 12.05 and again at 13.30. For the majority of the Saturday survey no queues were recorded on the Larchwood Avenue approach to the roundabout.
- 2.1.5 The full details of the queue length surveys are shown at Attachment 1.

2.2 Proposed KFC Traffic Generation

- 2.2.1 As set out in Section 4.6 of the Transport Assessment a total of 71 departures from the KFC would occur in the Friday evening peak hour. However of these seven would have previously been visiting the McDonalds, and therefore there would be 64 new vehicles departing via Larchwood Avenue. This equates to around one additional vehicle departing from Larchwood Avenue every minute.
- 2.2.2 On a Saturday 74 vehicle departures would occur from the proposed KFC, with 67 of these trips new to Larchwood Avenue. This also equates to just over one additional vehicle departing from Larchwood Avenue every minute.
- 2.2.3 Based on the queue length surveys undertaken in May 2016 the level of queueing on Larchwood Avenue is limited and when short queues form these do not last. Therefore the addition of one vehicle every minute would not impact on the level of queueing recorded.

QUEUE LENGTHS



JOB REF: 20230

JOB NAME: BEDHAMPTON

SITE: 1

DATE: 13/05/2016

LOCATION: PFS ACCESS / LARCHWOOD AVENUE

DAY: FRIDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM B	ARM C	ARM D	
	LARCHWOOD AVE (SW)	ASDA ACCESS RD (S)	ASDA ACCESS RD (N)	
	LANE 1	LANE 1	LANE 1	LANE 2
16:00	0	0	0	1
16:05	0	0	0	0
16:10	0	0	0	2
16:15	0	1	0	0
16:20	0	0	0	0
16:25	0	0	0	0
16:30	0	0	0	0
16:35	0	0	0	0
16:40	0	0	4	1
16:45	0	0	0	0
16:50	0	2	0	0
16:55	0	0	1	0
17:00	0	0	0	0
17:05	0	0	1	0
17:10	0	0	0	0
17:15	1	0	0	0
17:20	1	1	0	0
17:25	1	0	0	0
17:30	0	0	0	1
17:35	1	1	0	0
17:40	1	1	1	0
17:45	0	3	0	0
17:50	2	0	0	0
17:55	0	0	0	0
18:00	0	0	0	2
18:05	0	0	0	0
18:10	0	0	0	0
18:15	0	0	0	0
18:20	0	0	0	0
18:25	1	0	0	0
18:30	0	0	0	0
18:35	0	1	0	0
18:40	0	0	0	0
18:45	0	1	3	0
18:50	0	0	0	0
18:55	0	0	0	0
19:00	0	0	1	0

QUEUE LENGTHS



JOB REF: 20230

JOB NAME: BEDHAMPTON

SITE: 1

DATE: 14/05/2016

LOCATION: PFS ACCESS / LARCHWOOD AVENUE

DAY: SATURDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM B LARCHWOOD AVE (SW)	ARM C ASDA ACCESS RD (S)	ARM D ASDA ACCESS RD (N)	
	LANE 1	LANE 1	LANE 1	LANE 2
11:30	0	0	0	1
11:35	0	0	0	0
11:40	0	0	0	1
11:45	0	0	0	0
11:50	0	1	0	2
11:55	0	0	0	1
12:00	0	1	1	0
12:05	3	2	0	3
12:10	1	1	2	0
12:15	0	0	0	0
12:20	0	0	0	0
12:25	1	0	0	0
12:30	0	3	0	0
12:35	0	1	2	0
12:40	0	0	1	0
12:45	0	0	0	0
12:50	0	0	1	1
12:55	2	1	0	0
13:00	0	0	0	0
13:05	1	0	0	0
13:10	1	0	2	0
13:15	1	1	0	0
13:20	0	0	1	0
13:25	0	0	1	0
13:30	3	4	2	0
13:35	0	0	0	0
13:40	1	0	1	0
13:45	0	4	0	0
13:50	0	0	1	0
13:55	0	0	0	0
14:00	0	2	3	0
14:05	0	0	0	0
14:10	0	0	0	0
14:15	2	0	1	0
14:20	0	1	0	0
14:25	1	0	0	0
14:30	0	0	0	0