

REPORT

Transport Assessment Addendum

Wellington Way, Waterloooville

Client: CPI Wellington Way 2 Ltd

Reference: PB8382-RHD-ZZ-XX-R-Z-0003

Status: P01/S3

Date: 20/05/2019

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1 Review of Wellington Way Existing Parking Demand

1.1 Preface

- 1.1.1 This Transport Assessment Addendum (TAA) has been prepared by Royal HaskoningDHV (RHDHV) on behalf of CPI Wellington Way 2 Ltd. The TAA has been prepared in association with a planning application for the construction of a new multi-storey car park on the site of the existing Wellington Way Car Park, Waterlooville, Hampshire, PO7 7ED (the site).
- 1.1.2 The proposed development would create additional car parking to support Waterlooville town centre. The proposals would also provide residential permit parking for a proposed residential development of 264 No. 1 bed/studio apartments at Wellington Way, Waterlooville (planning application ref: APP/18/00234).
- 1.1.3 This TAA should be read in conjunction with the submitted Transport Assessment (TA) report **PB8382-RHD-ZZ-XX-R-Z-0003** dated 3rd May 2019.

1.2 Existing Development

- 1.2.1 The site currently consists of the at-grade Wellington Way car park. The Wellington Way car park currently provides 126 car parking spaces, including three parking bays for disabled badge holders, 25 permit parking bays and 97 pay and display car parking bays. Only 113 of the existing spaces comply with current geometric design standards.
- 1.2.2 Vehicular access to the car park is provided from Wellington Way. The entrance to the car park is located to the north-west corner of the site and the exit is located in the south-east corner of the site. The exit operates as a priority controlled junction onto Wellington Way.
- 1.2.3 Pedestrian access is provided to the south-west corner of the site and provides a pedestrian route towards Waterlooville town centre from the car park.

1.3 Proposed Parking Provision

- 1.3.1 The proposed multi-storey car park would provide a total of 263 car parking spaces, of which eight would be accessible parking bays for use by disabled badge holders only. A further eight spaces would be allocated as 'parent and child' bays. The multi-storey car park would be spread across three floors as follows:
- Ground Floor – 95 parking spaces including eight accessible spaces;
 - First Floor – 83 parking spaces including eight parent and child spaces;
 - Second Floor – 85 parking spaces.
- 1.3.2 The proposed car park would result in a net increase of 137 spaces. If required, all the additional spaces could be utilised for residential permit parking. From the evidence presented for planning application ref: APP/18/00234, it is anticipated that there could be demand for up to 84 residential parking permits. The residual additional car parking spaces would support the regeneration and development of Waterlooville town centre.

1.4 Existing Car Park Trip Attraction (Referenced with the Transport Assessment - PB8382-RHD-ZZ-XX-R-Z-0003)

- 1.4.1 Data has been supplied by Havant Borough Council with regard to the number of ticket sales per day at the existing Wellington Way Car Park. It was found that during peak periods up to 4.2 sales per day, per parking space, would be expected.
- 1.4.2 As the existing car park has a total of 126 car parking spaces, it is anticipated that there could be up to 529 (4.2 sales/day x 126 car parking spaces) ticket sales per day, resulting in 1,058 two way vehicular trips per day.

1.5 Parking Accumulation Survey – Wednesday 1st May 2019

- 1.5.1 RHDHV commissioned traffic surveys to ascertain parking accumulation across a typical weekday (Wednesday 1st May 2019) at the existing surface level car park. The survey recorded the arrival and departure profile over a 24 hour period. The assessment was based upon a capacity of 97 'pay and display' parking spaces.
- 1.5.2 The results of the surveys are presented within **Appendix A** of this TAA and summarised below:
- A maximum parking accumulation of 48 vehicles was recorded between 11:30-11:45. This consisted of one motorcycle, 44 cars, one taxi, and two light goods vehicles.
 - There was a combined total of 100 vehicle arrivals and 88 vehicle departures recorded over the course of the day (24 hour period from 00:00 to 00:00).
 - The 100 vehicle arrivals over the course of the day when compared to the 97 total available pay and display parking spaces, equates to 1.03 sales per day per parking space.
- 1.5.3 The results of the parking accumulation survey demonstrate that a significantly lower level of parking demand occurred at the car park on the 1st May 2019 than had been indicated by the Havant Borough Council ticket sales data set (refer to **Section 1.4**).
- 1.5.4 Data supplied by Havant Borough Council (HBC) with regard to the number of ticket sales per day at the existing Wellington Way car park, has indicated that during peak periods, up to 4.2 sales per day, per parking space, could be expected.
- 1.5.5 A total of 529 ticket sales per day has been estimated within the submitted TA based upon the HBC sales data. This estimate of ticket sales can be considered erroneous when compared to the 100 ticket sales recorded within the 1st May 2019 parking accumulation survey. Given that the TA makes the assumption that more than five times the surveyed parking demand could be experienced on-site, it can be concluded that the TA provides a very robust assessment of parking demand and traffic attraction.

1.6 Summary

- 1.6.1 The parking accumulation at the Wellington Road car park was recorded over a 24 hour period on Wednesday 1st May 2019. The survey data demonstrates that existing parking demand is considerably lower than that had been estimated within the submitted TA.

- 1.6.2 The data indicated that each parking space is likely to experience 1.03 sales per day.
- 1.6.3 The operation of the existing car park, consisting of 97 pay and display parking spaces, has been observed to operate with a daily total of 188 two-way vehicle trips. The assessment undertaken within the TA of up to 1,058 daily two-way vehicle trips, can subsequently be considered to offer a very robust assessment of parking demand.
- 1.6.4 The calculations presented within the TA demonstrated a net increase in vehicular trips corresponding to a 2.31% increase in daily traffic flows along the A3 Maurepas Way. In light of the recorded parking accumulation survey data, this increase in traffic flows would represent a worst case scenario.
- 1.6.5 It can, therefore, be concluded that the proposed development would not result in a material impact on the local highway network.

Appendix A – Parking Accumulation Survey - Wednesday 1st May 2019

Waterlooville, Hampshire
Car Park Accumulation Study

Site 1 of 1
Wellington Way P&D Car Park

Capacity
Ordinary 97
Disabled 0
Parent & Child 0
Total 97

Date
Wednesday 01 May 2019

Weather
Sunny Intervals
Temp: 14°C

0000 - 2400 (Weekday 24H Session)

TIME	PICYCLE	MICYCLE	CAR	TAXI	LGV	OCV1	OCV2	BUS/COACH	TOTAL	PCU TOTAL	Capacity %	Arrivals	Departures
Pre-Survey	0	0	3	0	1	0	0	0	4	4.00	4.12	0	0
0000 - 0015	0	0	3	0	1	0	0	0	4	4.00	4.12	0	0
0015 - 0030	0	0	3	0	1	0	0	0	4	4.00	4.12	0	0
0030 - 0045	0	0	3	0	1	0	0	0	4	4.00	4.12	0	0
0045 - 0100	0	0	3	0	1	0	0	0	4	4.00	4.12	0	0
0100 - 0115	0	0	3	0	1	0	0	0	4	4.00	4.12	0	0
0115 - 0130	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0130 - 0145	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0145 - 0200	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0200 - 0215	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0215 - 0230	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0230 - 0245	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0245 - 0300	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0300 - 0315	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0315 - 0330	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0330 - 0345	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0345 - 0400	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0400 - 0415	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0415 - 0430	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0430 - 0445	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0445 - 0500	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0500 - 0515	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0515 - 0530	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0530 - 0545	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0545 - 0600	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0600 - 0615	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0615 - 0630	0	0	1	0	1	0	0	0	2	2.00	2.06	0	0
0630 - 0645	0	0	0	0	0	0	0	0	0	0.00	0.00	0	2
0645 - 0700	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0
0700 - 0715	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0
0800 - 0815	0	0	1	0	0	0	0	0	1	1.00	1.03	1	0
0815 - 0830	0	0	2	0	0	0	0	0	2	2.00	2.06	1	0
0830 - 0845	0	0	4	1	0	0	0	0	5	5.00	5.15	3	0
0845 - 0900	0	1	7	1	1	0	0	0	10	9.40	10.31	5	0
0900 - 0915	0	1	15	1	5	0	0	0	22	21.40	22.68	12	0
0915 - 0930	0	1	23	1	4	0	0	0	29	28.40	29.90	7	0
0930 - 0945	0	1	26	1	5	0	0	0	33	32.40	34.02	4	0
0945 - 1000	0	1	28	1	6	0	0	0	36	35.40	37.11	3	0
1000 - 1015	0	1	25	1	4	0	0	0	31	30.40	31.96	0	5
1015 - 1030	0	1	28	1	4	0	0	0	34	33.40	35.05	3	0
1030 - 1045	0	1	35	0	3	0	0	0	39	38.40	40.21	3	0
1045 - 1100	0	1	42	0	5	0	0	0	47	46.40	48.45	8	0
1100 - 1115	0	1	40	0	6	0	0	0	47	46.40	48.45	0	0
1115 - 1130	0	1	37	0	4	0	0	0	42	41.40	43.30	0	5
1130 - 1145	0	1	44	1	2	0	0	0	48	47.40	49.48	6	0
1145 - 1200	0	1	37	1	1	0	0	0	40	39.40	41.24	0	6
1200 - 1215	0	1	32	1	1	0	0	0	35	34.40	36.08	0	0
1215 - 1230	0	1	32	1	2	0	0	0	36	35.40	37.11	1	0
1230 - 1245	0	1	32	1	2	0	0	0	36	35.40	37.11	0	0
1245 - 1300	0	1	34	1	3	0	0	0	39	38.40	40.21	3	0
1300 - 1315	0	1	24	1	3	0	0	0	29	28.40	29.90	0	10
1315 - 1330	0	1	30	1	3	0	0	0	35	34.40	36.08	6	0
1330 - 1345	0	1	27	1	4	0	0	0	33	32.40	34.02	0	2
1345 - 1400	0	1	24	1	3	0	0	0	29	28.40	29.90	0	4
1400 - 1415	0	1	20	1	3	0	0	0	25	24.40	25.77	0	4
1415 - 1430	0	1	18	1	3	0	0	0	23	22.40	23.71	0	2
1430 - 1445	0	1	12	0	2	0	0	0	15	14.40	15.46	0	8
1445 - 1500	0	1	12	0	2	0	0	0	15	14.40	15.46	0	0
1500 - 1515	0	1	8	0	2	0	0	0	11	10.40	11.34	0	4
1515 - 1530	0	1	6	0	2	0	0	0	9	8.40	9.26	0	2
1530 - 1545	0	1	5	0	2	0	0	0	8	7.40	8.25	0	1
1545 - 1600	0	1	12	0	3	0	0	0	16	15.40	16.49	8	0
1600 - 1615	0	1	11	0	3	0	0	0	15	14.40	15.46	0	1
1615 - 1630	0	1	7	0	2	0	0	0	10	9.40	10.31	0	5
1630 - 1645	1	1	12	0	2	0	0	0	16	14.60	16.49	6	0
1645 - 1700	0	1	7	0	1	0	0	0	9	8.20	9.26	0	7
1700 - 1715	0	0	2	0	1	0	0	0	3	3.00	3.09	0	6
1715 - 1730	0	0	4	0	1	0	0	0	5	5.00	5.15	2	0
1730 - 1745	0	0	1	0	2	0	0	0	3	3.00	3.09	0	2
1745 - 1800	0	0	4	0	2	0	0	0	6	6.00	6.19	3	0
1800 - 1815	0	0	4	0	2	0	0	0	6	6.00	6.19	0	0
1815 - 1830	0	0	7	0	2	0	0	0	9	9.00	9.26	3	0
1830 - 1845	0	0	7	0	2	0	0	0	9	9.00	9.26	0	0
1845 - 1900	0	0	8	0	2	0	0	0	10	10.00	10.31	1	0
1900 - 1915	0	0	10	0	2	0	0	0	12	12.00	12.37	2	0
1915 - 1930	0	0	9	0	2	0	0	0	11	11.00	11.34	0	1
1930 - 1945	0	0	9	0	2	0	0	0	11	11.00	11.34	0	0
1945 - 2000	0	0	8	0	2	0	0	0	10	10.00	10.31	0	1
2000 - 2015	0	0	11	0	2	0	0	0	13	13.00	13.40	3	0
2015 - 2030	0	0	9	0	2	0	0	0	11	11.00	11.34	0	2
2030 - 2045	0	0	11	0	2	0	0	0	13	13.00	13.40	2	0
2045 - 2100	0	0	8	0	2	0	0	0	10	10.00	10.31	0	3
2100 - 2115	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2115 - 2130	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2130 - 2145	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2145 - 2200	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2200 - 2215	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2215 - 2230	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2230 - 2245	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2245 - 2300	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2300 - 2315	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2315 - 2330	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2330 - 2345	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0
2345 - 0000	0	0	8	0	2	0	0	0	10	10.00	10.31	0	0

