

Appendix 6.4: Traffic Data Used in Air Quality Assessment

Table 6.2: 24 Hour Annual Average Daily Traffic (AADT) Flows used in Air Quality Assessment, (Provided by Prime Transport Planning on 3 rd April 2025).									
Link	Link Name	Scenario 1: 2023 Verification and Base Year*		Scenario 2: 2035 Opening/Future Year, Without Development (No Committed Developments)†		Scenario 3: 2035 Opening/Future Year, Without Development (Inc. Committed Developments)		Scenario 3: 2035 Opening/Future Year, With Development (Inc. Committed Developments)	
		AADT	HGV%	AADT	HGV%	AADT	HGV%	AADT	HGV%
1	St Mary's Rd W of Elm Grove	2150	0.65	2150	0.74	2138	0.75	3363	0.45
2	Church Rd N of St Mary's Rd	13966	2.09	13950	2.10	13945	2.10	14782	1.98
3	Tournerbury Ln E of Elm Grove	1191	0.25	1194	0.25	1203	0.25	1221	0.25
4	Elm Grove S of St Mary's Rd	12126	2.30	12112	2.30	12113	2.30	12472	2.24
5	Elm Grove N of Cherrywood Gardens	12085	2.26	12076	2.26	12081	2.24	12418	2.19
6	Elm Grove S of Cherrywood Gardens	12203	2.17	12167	2.18	12168	2.17	12550	2.11
7	Cherrywood Gardens W of Elm Grove	1379	1.09	1371	1.02	1405	0.85	1439	0.90
8	Cherrywood Gardens E of St Mary's Rd	1330	0.98	1321	0.91	1352	0.89	1389	0.86
9	St Mary's Rd W of Cherrywood Gardens	2403	0.62	2394	0.67	2457	0.65	2773	0.54
10	St Mary's Rd N of Cherrywood Gardens	1766	0.28	1759	0.34	1765	0.40	2142	0.28
11	St Mary's Rd E of A3023	2300	0.78	2279	0.79	2336	0.73	2651	0.64
12	A3023 S of St Mary's Rd	6091	1.64	6083	1.61	6291	1.59	6402	1.56
13	Station Rd W of A3023	3627	3.89	3610	3.88	3740	3.74	3908	3.58
14	A3023 N of St Mary's Rd	5960	3.86	5974	3.82	6266	3.75	6373	3.66
15	A3023 W of Church Rd	6803	4.19	6839	4.12	7034	4.08	7259	3.95

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		AADT	HGV%	AADT	HGV%	AADT	HGV%	AADT	HGV%
16EB	A3023 E of Church Rd EB	9404	3.24	9404	3.26	9490	3.23	9810	3.14
16WB	A3023 E of Church Rd WB	9336	3.10	9352	3.08	9433	3.10	9692	3.00
16	A3023 E of Church Rd (two-way)	18740	3.17	18756	3.17	18923	3.17	19502	3.07
17	Church Rd S of A3023	13727	2.21	13724	2.23	13728	2.23	14476	2.11
18NB	A3023 N of Langstone Tech Park NB	12372	2.97	12353	3.00	12522	2.96	12773	2.91
18SB#	A3023 N of Langstone Tech Park SB	0	0.00	0	0.00	0	0.00	0	0.00
19	Woodbury Av E of A3023	805	0.12	806	0.25	810	0.37	807	0.25
20	A3023 S of Langstone Tech Park	23022	3.10	23007	3.12	23292	3.08	23723	3.03
21	Langstone Tech Park Access E of A3023	1917	0.89	1918	0.89	1929	0.93	1934	0.88
22NB	A3023 S of A27 NB	12374	2.97	12357	3.00	12527	2.97	12777	2.92
22SB	A3023 S of A27 SB	12020	2.96	12021	2.97	12137	2.97	12305	2.91
23	A27 WB on-slip	10899	3.77	11379	3.71	11476	3.68	11616	3.66
24	A27 EB off-slip	12311	3.25	13008	3.18	13096	3.17	13189	3.15
25NB	Park Rd South N of A27 NB	12815	3.20	13772	3.12	13824	3.10	13898	3.09
25SB	Park Rd South N of A27 SB	11107	3.56	11889	3.47	11911	3.46	11958	3.45
25	Park Rd South N of A27 (two-way)	23922	3.37	25661	3.28	25735	3.27	25856	3.26

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		AADT	HGV%	AADT	HGV%	AADT	HGV%	AADT	HGV%
26	A27 EB on-slip	4439	3.00	4732	2.96	4762	2.94	4795	2.92
27	A27 WB off-slip	4381	3.33	4655	3.27	4667	3.26	4691	3.26
28	Langstone Bridge	21972	3.09	21954	3.11	22272	3.07	22757	3.01
29	A27 EB west of Langstone Rd slips	39298	6.99	43706	6.67	43824	6.66	43888	6.64
30	A27 WB west of Langstone Rd slips	39087	5.50	43510	5.23	43604	5.22	43749	5.20
31	A27 EB east of Langstone Rd slips	31424	7.89	35431	7.46	35491	7.45	35488	7.44
32	A27 WB east of Langstone Rd slips	32563	5.78	36781	5.45	36795	5.45	36817	5.44
33	Proposed Site Access	0	0.00	0	0.00	5	0.00	1681	0.00
34	St Mary's Rd S of Proposed Site Access	0	0.00	0	0.00	6	0.00	2542	0.59
35	A3023 Havant Rd S of Castlemans Ln	17980	3.41	17999	3.42	18200	3.40	18700	3.30
36	A3023 Havant Rd S of West Ln	17838	3.44	17853	3.44	18057	3.42	18552	3.33
37	West Ln W of A3023 Havant Rd	1831	0.66	1797	0.61	1919	0.52	1937	0.57
38	A3023 Havant Rd N of West Ln	19671	3.18	19649	3.18	19979	3.14	20490	3.07
39	Newtown Ln E of West Ln	1614	1.61	1595	1.69	1787	1.57	1832	1.58
40	West Ln N of Newtown Ln	2533	0.63	2516	0.72	2766	0.54	2819	0.64
41	West Ln W of Newtown Ln	2144	1.17	2130	1.13	2220	1.04	2228	1.12

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		AADT	HGV%	AADT	HGV%	AADT	HGV%	AADT	HGV%
42	Station Rd E of West Ln	3115	4.33	3097	4.29	3212	4.14	3359	3.96
43	West Ln NE of Station Rd	2213	0.77	2208	0.72	2295	0.65	2331	0.77
44	Station Rd W of West Ln	4275	3.49	4271	3.47	4474	3.29	4596	3.22
*Traffic survey data for 2022 – Prime Transport Planning (PTP) advise data suitable for use for 2023 base year. †Baseline for in-combination assessment for designated habitat sites #Missing data in original dataset – flow for adjacent link 22 used in place of link 18. As there is no junction between them, the traffic flows are effectively identical, which has been subsequently confirmed by PTP.									