

Speed Survey Results Summary

Arlington Road

Day (24 hr)	E/B Volume	E/B Mean Speed	E/B 85 th %ile	W/B Volume	W/B Mean Speed	W/B 85 th %ile
25/09/2014	1230	22.7	28.6	1029	21.3	26.6
26/09/2014	1362	21.8	28	1102	20.8	26.2
27/09/2014	1178	23.7	29.3	1035	21.3	26.8
28/09/2014	814	25.3	30.4	752	22.6	28
29/09/2014	1193	22.2	28.4	962	20.8	26.8
30/09/2014	1236	22.6	28.6	1027	21.4	27.5
01/10/2014	1341	22	28.4	1006	21.1	26.2
Virtual Day	1193	22.7	28.9	988	21.3	26.8
Virtual Week	8354	22.7	28.9	6913	21.3	26.8

Highest recorded speed 60 to 65mph

Burleigh Gardens

Day (24 hr)	E/B Volume	E/B Mean Speed	E/B 85 th %ile	W/B Volume	W/B Mean Speed	W/B 85 th %ile
25/09/2014	3798	23.6	29.1	2234	23.4	29.5
26/09/2014	4186	23.1	28.6	2355	23.1	28.6
27/09/2014	3669	22.9	28.2	2110	23	28.9
28/09/2014	2576	23.8	29.1	1582	23.9	29.5
29/09/2014	3696	22.8	28	2090	22.9	28.9
30/09/2014	3782	23	28.6	2214	23.2	29.1
01/10/2014	3930	22.5	28.2	2292	22.5	28.4
Virtual Day	3662	23.1	28.4	2125	23.1	29.1
Virtual Week	25637	23.1	28.4	14877	23.1	29.1

Highest recorded speed 50 to 55mph

Chase Way

Day (24 hr)	E/B Volume	E/B Mean Speed	E/B 85 th %ile	W/B Volume	W/B Mean Speed	W/B 85 th %ile
25/09/2014	2155	24.4	29.5	2773	24.7	29.3
26/09/2014	2374	24	29.1	2999	24.4	29.3
27/09/2014	1951	23.8	28.9	2627	25.1	30
28/09/2014	1410	24.5	29.5	2064	26	30.9
29/09/2014	2125	24.1	29.1	2798	24.7	29.5
30/09/2014	2226	23.9	29.1	2791	24.5	29.5
01/10/2014	2114	24.3	29.3	2883	25.1	29.8
Virtual Day	2051	24.1	29.1	2705	24.9	29.8
Virtual Week	14355	24.1	29.1	18935	24.9	29.8

Highest recorded speed 50 to 55mph

Cecil Road

Day (24 hr)	E/B Volume	E/B Mean Speed	E/B 85th%ile	W/B Volume	W/B Mean Speed	W/B 85th%ile
25/09/2014	660	19.8	25.5	835	19.5	23.9
26/09/2014	687	19.4	23.9	868	19.5	23.7
Virtual Day	674	19.6	24.8	852	19.5	23.9
Virtual Week	1347	19.6	24.8	1703	19.5	23.9

Highest recorded speed 45 to 50mph

With regard to the introduction of a 20 mph speed, if mean traffic speeds are at or below 24 mph then a 20 mph speed limit without any supporting physical measures can be implemented, otherwise, physical traffic calming measures should be introduced.

From the tables above, it can be seen that with the exception of Chase Way the mean speeds in the tables above are below 24 mph, as such no Traffic Calming measures are essential for the introduction of 20 mph speed restrictions. However judging by 85%ile speeds and also the "top speed recorded" they are considered desirable. While it is noted that current national Speed Limit Reviews are based on the Mean speed measurements, the nature of the area under consideration (mainly residential, with potential for rat running), the long straight sections with multiple side streets and proximity to the schools would make traffic calming measures preferable on road safety grounds.