

Summary of Old Warwick Road/Bromehall Lane Traffic Survey Jan 2017

The key data are given in the table below. The data was collected during the week 23.1 to 30.1.2017. The data provided does not add up perfectly so allow a margin for error.

I would suggest that the most relevant figures are that over 72% (2780) of the vehicles travel at over the 30 mph speed limit, with the average speed being 33 mph.

If the speed limit were to be enforced, even with a 5 mph allowance, approx 1190 vehicles per day would be caught unless behaviour changed.

The vehicles going above 40 mph were mainly eastbound (187 v 98), i.e. before the canal bridge rather than after it. The greater speed eastbound is also evident in that the fastest 15% travelled at 38.8 mph and above westbound and 40 mph and above eastbound. Also only 2 vehicles travelled at over 51 mph during the week, but both were eastbound.

The total traffic at peak times (directions combined) was 417 per hour in the morning and 411 per hour in the afternoon – within the reported 500 per hour maximum for a road crossing

Westbound (Hockley Heath)		Eastbound (Rowington)	
Ave Vehicles Per Day	1920	Ave Vehicles Per Day	1921
Ave (Mean) Speed	32.5 mph	Ave (Mean) Speed	33.6 mph
% over 30 mph	68 (1321)	% over 30 mph	76 (1459)
% 31 - 35	40 (772)	% 31 - 45	39 (741)
% 36-40	22 (416)	% 36- 40	25 (487)
% 41 - 45	5 (98)	% 41 - 45	8 (160)
% 46 - 50	0	% 46 - 50	1 (25)
% over 51	0	% over 51	.1 (2)
85th percentile	38.8 mph	85th percentile	40 mph
Peak Hours	7.45 (170/hr) & 17.00 (246/hr)	Peak Hours	7.45 (247/hr) & 16.30 (165/hr)

Conclusions:

1. Large majority of drivers exceed 30 mph limit. About 380 exceed 40 mph daily
2. Traffic faster going eastbound
3. Total traffic flow at peak times is below 500 per hour

QUESTION: WHAT, IF ANYTHING, SHOULD WE TRY TO DO ABOUT THIS?

