

Alvington
Speed Surveys
June 2016

Introduction

- This report provides a summary of the results of speed surveys that were carried out at two locations in Alvington. The surveys took place between Thursday 9th June and Wednesday 15th June 2016.
- The surveys were carried out by means of Automatic Traffic Counters (ATC), Radar attached to street furniture. With careful installation and level of traffic flow at each of the two locations, a high degree of accuracy is possible from the survey method employed.
- Speeds - all speed surveys are carried out over a period of 7 days or more. The results given within this report are averaged over a 7-day period. The mean speed is the measurement used nationally in assessments for speed limits and is therefore used within this report for consistency.
- Flows - the figures given within this summary are the combined two-way 24 hours flows averaged for a day over the period of the survey. This reduces the effect of daily variations and gives the best indication of the overall traffic flows.

Location of Surveys

Site 10395 Clanna Raod



Site 10394_A48 Main Road





Results

	Alvington		
	Site 10394 A48 Main Road		
	N/b	S/b	Combined
Mean speed (mph)	31.9	31.9	31.9
85 th %ile speed (mph)	38	36	37
Average Mon-Fri Volume	5205	5804	11010
Average Mon-Sun Volume	4859	5373	10232
	Site 10395 Clanna Road		
	N/b	S/b	Combined
Mean speed (mph)	22.4	23.6	23
85 th %ile speed (mph)	26	29	28
Average Mon-Fri Volume	496	517	1013
Average Mon-Sun Volume	467	488	955

Speeds

- The speed limit at both sites is 30 mph.
- Speed limits are based on Department for Transport (DfT) guidelines - DfT Circular 01/2006 - 'Setting Local Speed Limits'. In simple terms, the DLTR criteria states that the mean speeds should be comparable to the existing/proposed speed limit.
- The mean speeds at site 10394 Main Road are just above the posted speed limit; however speeds at site 10395 are well below the posted speed limit.

Traffic volume

- The total traffic volume of approximately 11000 vehicles at site 10394 Main Road and 1000 vehicles at site 10395 Clanna Road is the average for a weekday, calculated from one week of measurement. In general, traffic volumes are higher during the week than at the weekend.