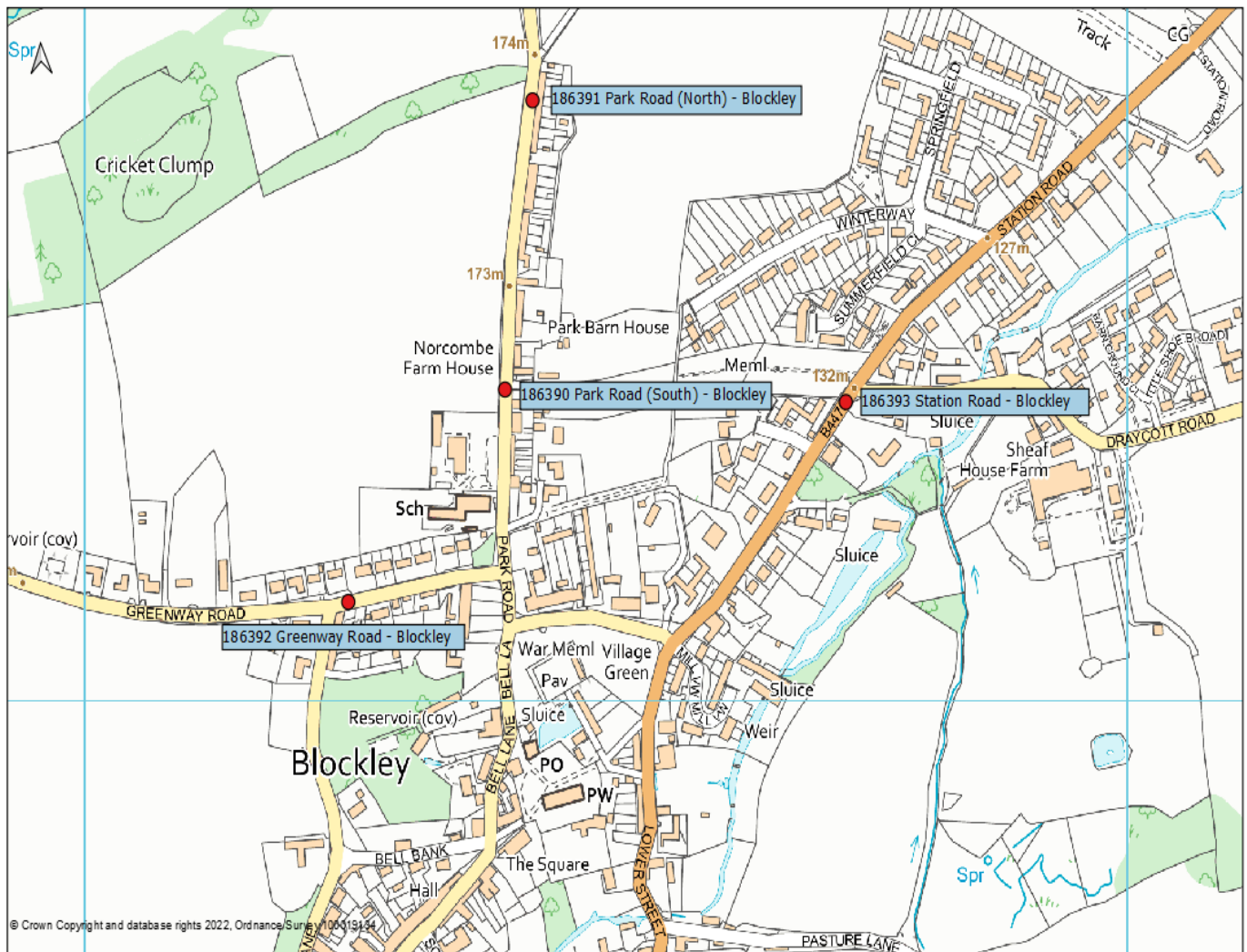


## Blockley Volume/Speed Survey February 2022

### Introduction

- This report provides a summary of the results of speed surveys that were carried out at four locations in the village of Blockley. The surveys took place between Thursday 10<sup>th</sup> and Wednesday 16<sup>th</sup> February 2022.
- The survey was carried out by means of an Automatic Traffic Counter (ATC) connected to pneumatic tube sensors attached to the surface of the carriageway. With a good road surface, careful installation and the level of traffic flow at this location, a high degree of accuracy is possible from the survey method employed. It is expected that the traffic flows are within +/- 2% and the speeds within +/- 3% overall.
- Speeds - all speed surveys are carried out over a period of 7 days or more. The results given within this report are averaged over the 7-day period. The mean speed is the measurement used nationally in assessments for speed limits and is used within this report for consistency.
- Flows - the figures given within this summary includes the combined two-way 24 hour 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



**Results**

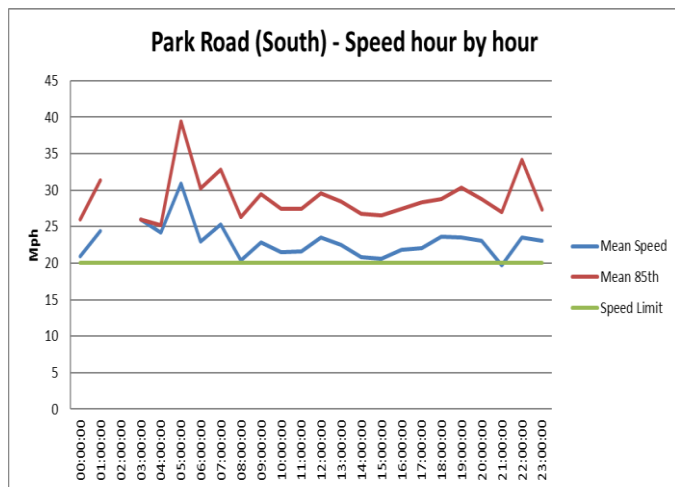
mean speed = average speed 85 <sup>th</sup> ile speed = the speed at or below which 85% of all vehicles are observed to travel under free flowing conditions.	Blockley - 186390 B4479 Park Road (South) (20 mph)			Blockley - 186391 B4479 Park Road (North) (20 mph)		
	N/b	S/b	Combined	N/b	S/b	Combined
Mean speed (mph)	22	22	22	22	19	20
85 <sup>th</sup> %ile speed (mph)	28	28	28	27	24	26
Average Mon-Fri Volume	230	230	460	190	180	380
Average Mon-Sun Volume	210	200	410	180	170	340
	(volume flows rounded to nearest 10 vehicles, speeds rounded to nearest whole number. This may create rounding differences)			(volume flows rounded to nearest 10 vehicles, speeds rounded to nearest whole number. This may create rounding differences)		

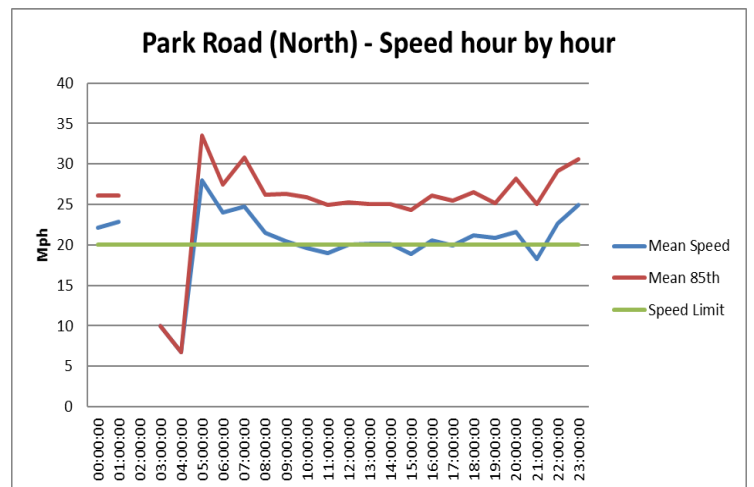
mean speed = average speed 85 <sup>th</sup> ile speed = the speed at or below which 85% of all vehicles are observed to travel under free flowing conditions.	Blockley - 186392 Greenway Road (20 mph)			Blockley - 186393 Station Road (20 mph)		
	E/b	W/b	Combined	N/b	S/b	Combined
Mean speed (mph)	22	23	23	24	22	23
85 <sup>th</sup> %ile speed (mph)	28	29	29	30	29	30
Average Mon-Fri Volume	640	640	1280	1090	1130	2220
Average Mon-Sun Volume	550	550	1090	950	990	1940
	(volume flows rounded to nearest 10 vehicles, speeds rounded to nearest whole number. This may create rounding differences)			(volume flows rounded to nearest 10 vehicles, speeds rounded to nearest whole number. This may create rounding differences)		

**Speeds**

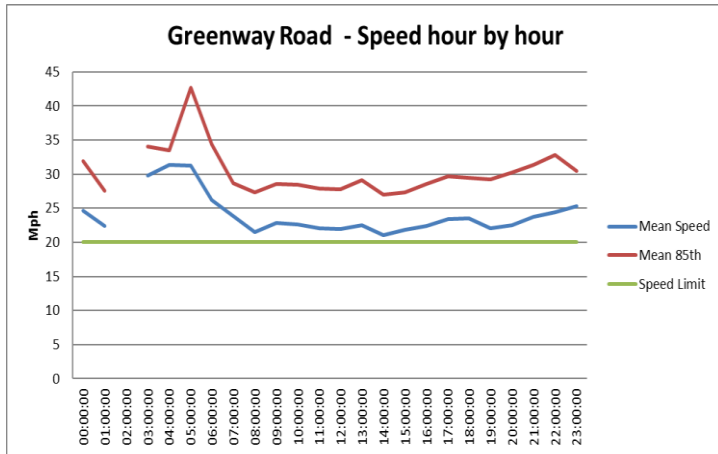
Site 186390 - Park Road (South)



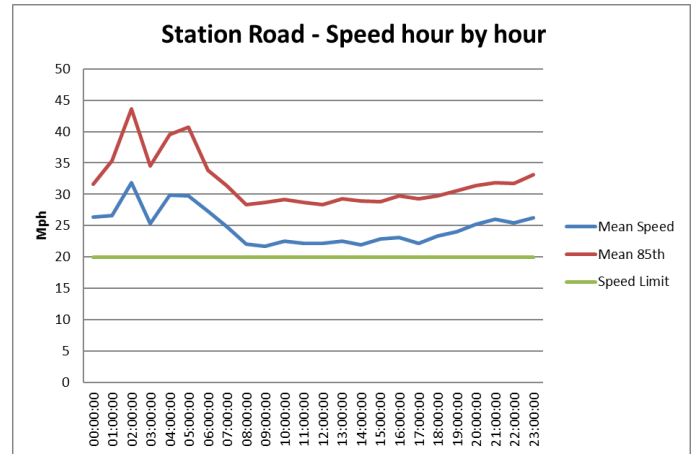
Site 186391 - Park Road (North)



**Site 186392 - Greenway Road**



**Site 186393 - Station Road**



**Traffic volume**

- On Park Road a range of 380 - 460 vehicles per weekday, along with Greenway Road and Station Road seeing a range of 1280 - 2220 per weekday were recorded during the surveys in Blockley. Generally, traffic volumes will be higher during the week than weekends, with Saturdays being busier than Sundays.

**Speeds**

- The speed limit at all sites is 20 mph. Speed limits are based on Department for Transport (DfT) guidelines - DfT Circular 01/2013 - 'Setting Local Speed Limits'. In simple terms, the DfT criteria states that the mean speeds should be comparable to the existing/proposed speed limit.
- The mean speed at sites 186390/2/3 are slightly over the posted speed limit ranging from 22-23 mph. Site 186391 falls within the appropriate range for the posted speed limit.