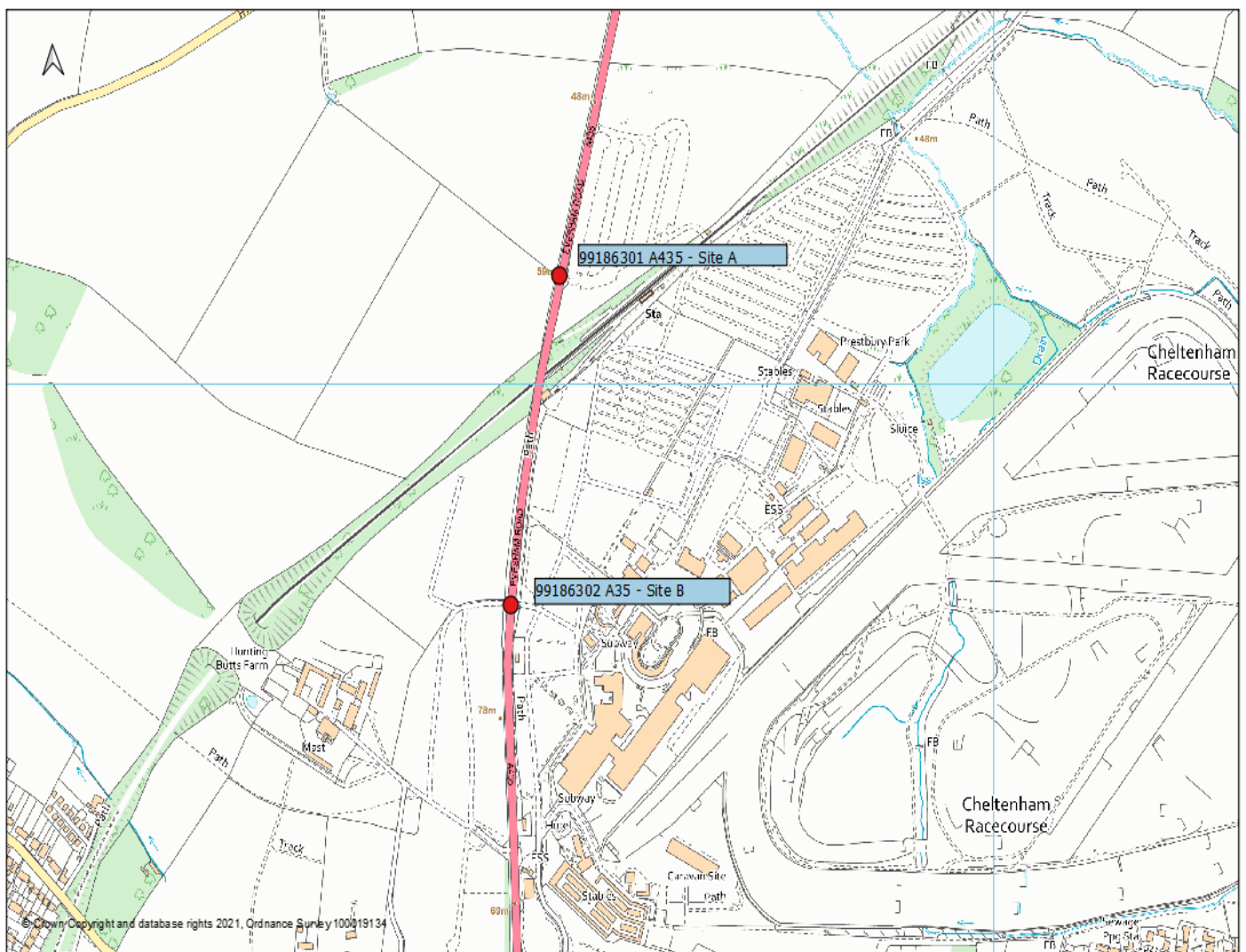


## **A435 Evesham Road - Cheltenham Speed Survey** **August 2021**

### **Introduction**

- This report provides a summary of the results of speed surveys that were carried out on A435 Evesham Rd - Cheltenham. The surveys took place between Wednesday 18<sup>th</sup> and Tuesday 24<sup>th</sup> August 2021.
- 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 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**





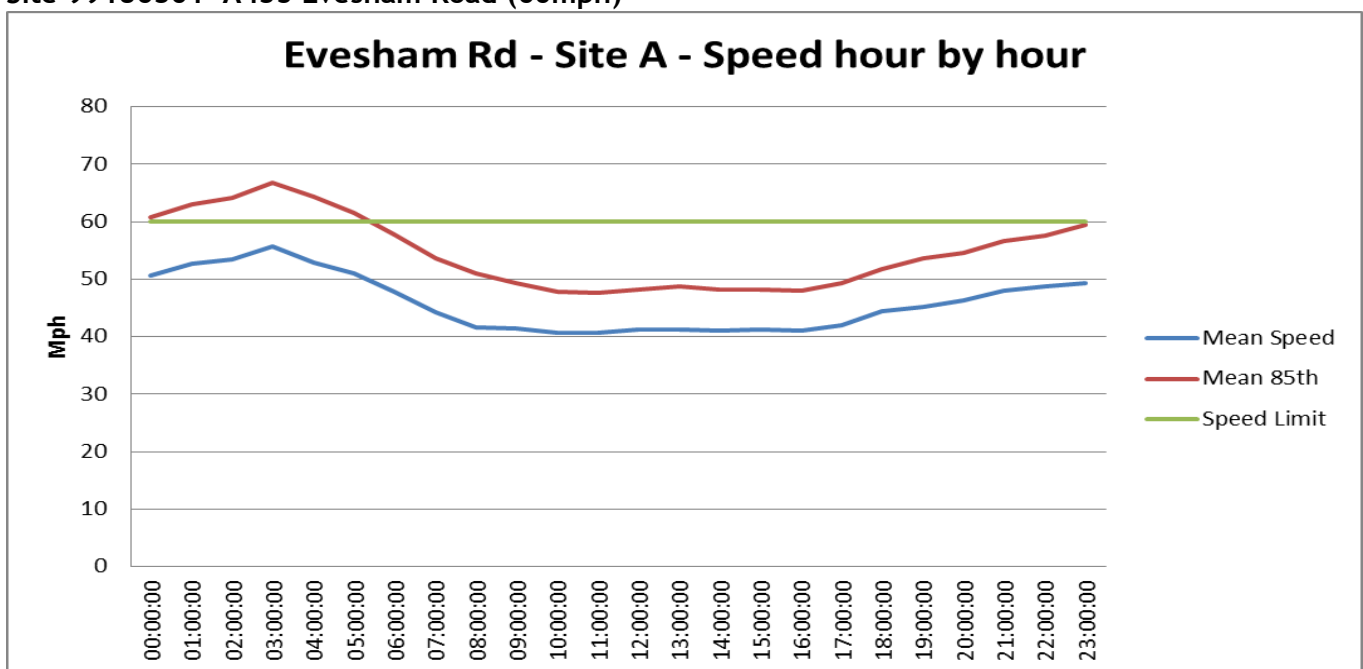
## Results

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	Evesham Rd - Cheltenham		
	Site 99186301 A435 Site A (60mph)		
	N/b	S/b	Combined
Mean speed (mph)	44.0	41.0	42.5
85 <sup>th</sup> %ile speed (mph)	50.5	47.5	49.0
Average Mon-Fri Volume (rounded)	9070	9090	18160
Average Mon-Sun Volume (rounded)	8480	8540	17030
(volume flows rounded to nearest 10 vehicles)			

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	Evesham Rd - Cheltenham		
	Site 99186302 A435 Site B (60mph)		
	N/b	S/b	Combined
Mean speed (mph)	41.5	41.5	41.5
85 <sup>th</sup> %ile speed (mph)	48.0	48.0	48.0
Average Mon-Fri Volume (rounded)	9190	9190	18380
Average Mon-Sun Volume (rounded)	8570	8630	17200
(volume flows rounded to nearest 10 vehicles)			

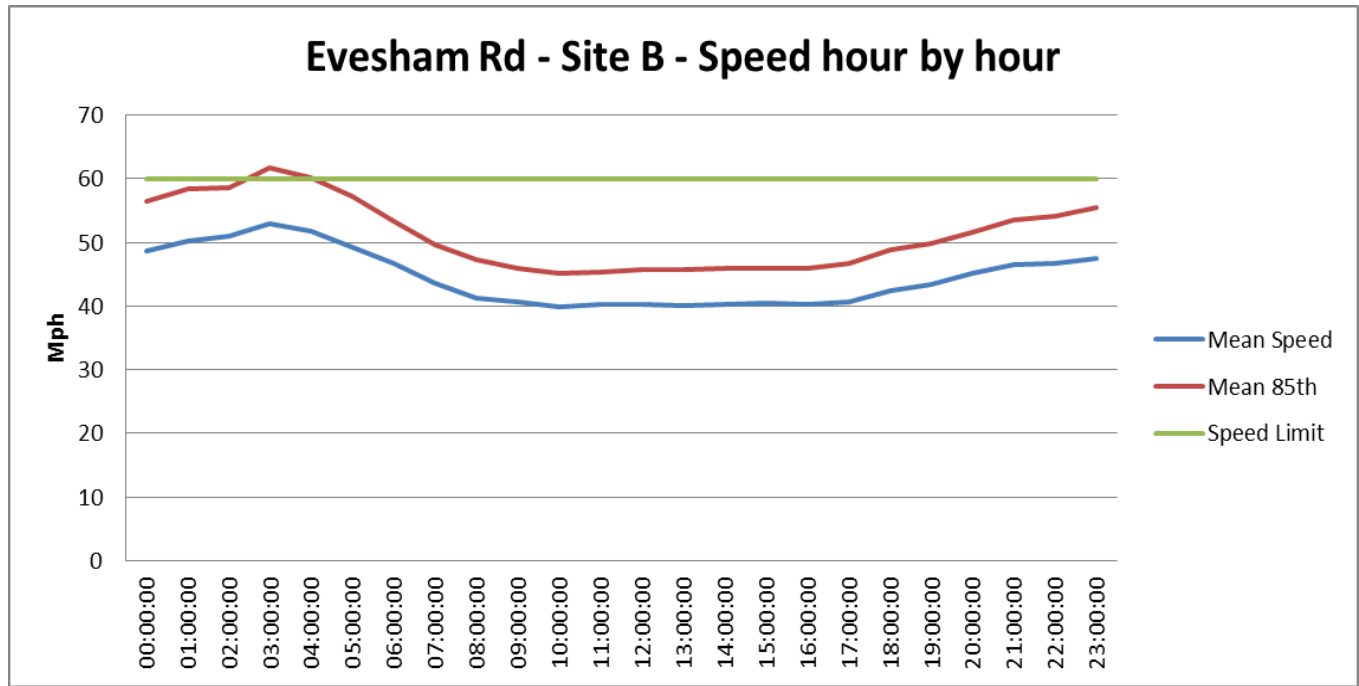
## Speeds

### Site 99186301 A435 Evesham Road (60mph)





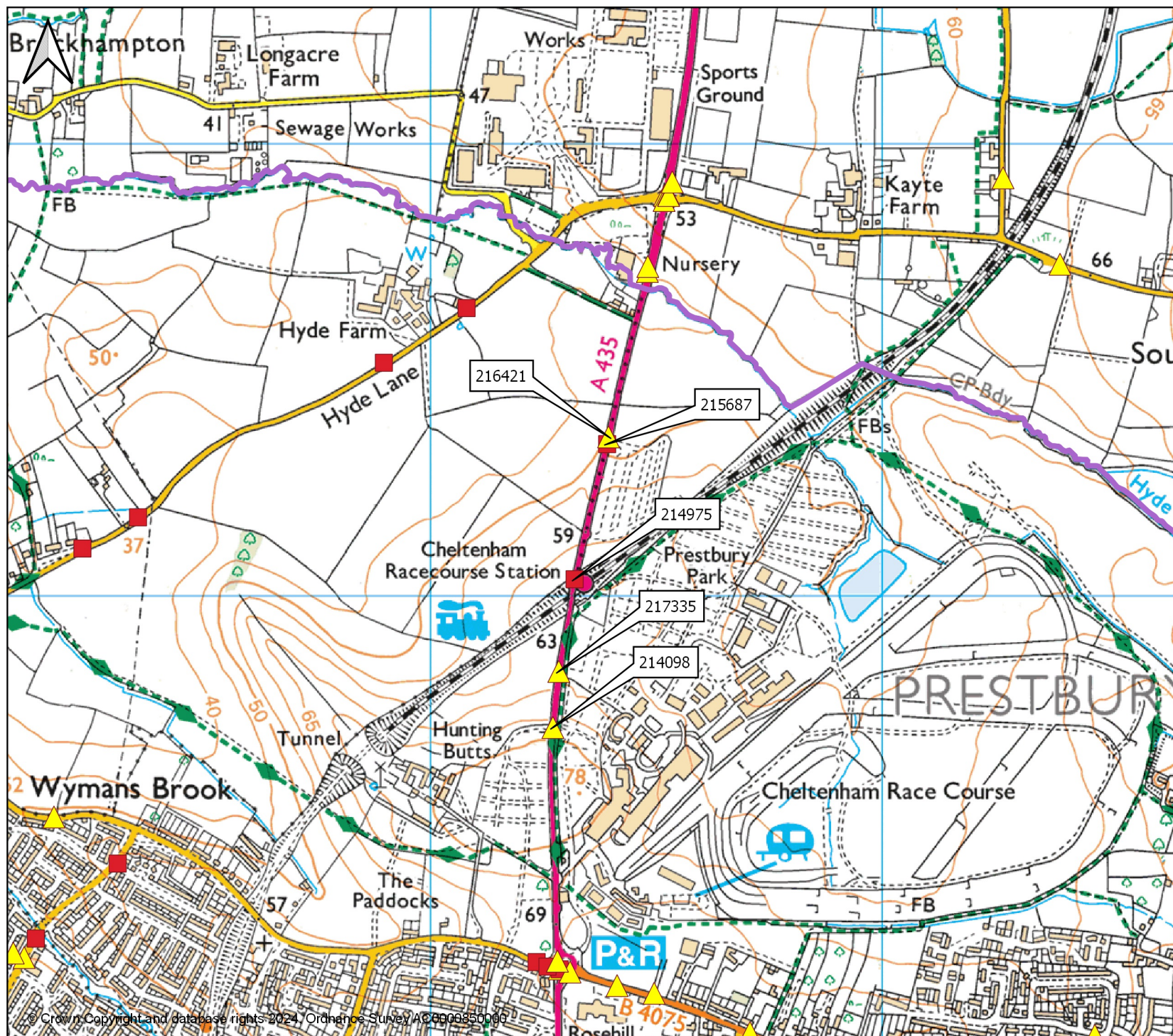
Site 99186302 A435 Evesham Road (60mph)




- The speed limit at both survey locations is 60mph limit.
- Speed limits are based on Department for Transport (DfT) guidelines - DfT Circular 01/2013 - '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 24 hour mean speed at both sites falls within the appropriate range for posted speed limits.

**This summary report was produced during the Covid-19 pandemic. Please bare in mind that vehicle flows are reduced and in some cases the average speed is approx. 2-3 mph above a neutral time period.**







**Gloucestershire**  
COUNTY COUNCIL

### A435 Evesham Road - Cheltenham Collision Plot

Date Range

1st Jan 2019 to 31st Jan 2024

Collisions

■ Serious

▲ Slight

DATE:

29/02/2024

SCALE:

1:11,894.30919

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