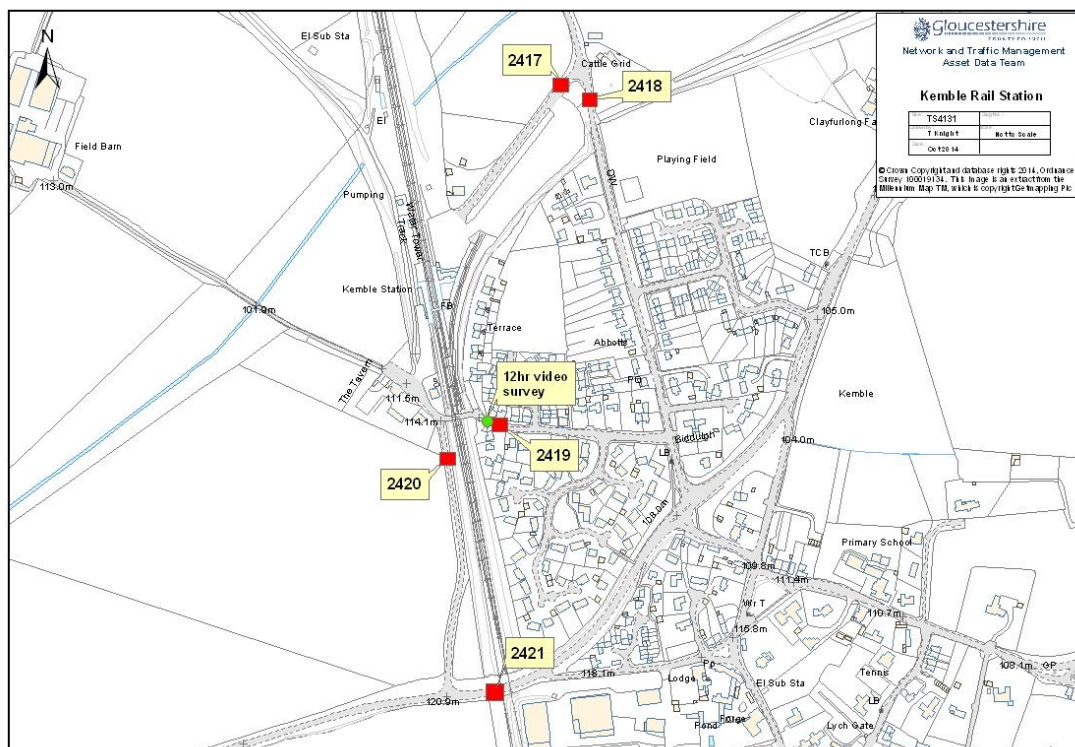


Kemble Rail Station Traffic volume surveys October 2014

Introduction

- This report provides a summary of the results of surveys that were carried out at five locations in the vicinity of Kemble Rail Station. The surveys took place between Thursday 16th October and Wednesday 22nd October 2014.
- The surveys were carried out by means of an Automatic Traffic Counter (ATC), either attached to pneumatic tube sensors placed across the carriageway, or using radar attached to street furniture. With a good road surface and the level of traffic flow at these locations, a high degree of accuracy is possible from the survey method employed.
- Speeds - 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 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.
- A 12 hour video survey was also carried out on Thursday 16th October 2014. The location is shown on the plan below.

Location of Surveys



Results

	Kemble		
	N/b	S/b	Combined
	Station Entr to N, off Windmill Road Site 2417		
Average Mon-Fri Volume	614	620	1234
Average Mon-Sun Volume	516	515	1031
	Windmill Road Site 2418		
	N/b	S/b	Combined
Average Mon-Fri Volume	832	703	1535
Average Mon-Sun Volume	736	621	1357
	Station Road Site 2419		
	E/b	W/b	Combined
Average Mon-Fri Volume	182	165	347
Average Mon-Sun Volume	161	144	305
	Station Rd on S approach to Station Site 2420		
	N/b	S/b	Combined
Average Mon-Fri Volume	133	116	249
Average Mon-Sun Volume	115	101	216
	A429 Kemble Road, E of Station Road Site 2421		
	E/b	W/b	Combined
Mean speed (mph)	36.5	39.5	38.0
85 th %ile speed (mph)	41.4	44.7	43.4
Average Mon-Fri Volume	3435	3454	6889
Average Mon-Sun Volume	3121	3130	6251

Speeds

- The speed limit on the A429 Kemble Road is 40mph.
- 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 on the A429 falls within the appropriate range for the current posted speed limit.

Traffic volume

- In general, traffic volumes are higher during the week than at the weekend.