

Summary Notes on B481 Road Traffic Survey

1.1 Vehicle Volumes

Weekdays - total volume

24 hr (0:00 - 24:00)	4220 average	4389 peak (S)
	4341 average	4443 peak (N)
12 hr (07:00 - 19:00)	3606 average	3728 peak (S)
	3774 average	3871 peak (N)

Weekdays - volume / hour

24 hr (0:00 - 24:00)	176 average	183 peak (S)
	181 average	185 peak (N)
12 hr (07:00 - 19:00)	301 average	311 peak (S)
	315 average	323 peak (N)
Peak time morning	08:00 409 (S)	
	08:00 676 (N)	
Peak time afternoon	16:30 468 (S)	
	16:45 432(N)	

Weekends - volume / day

Saturday	3423	81% of weekday average (S)
	3460	80% of weekday average (N)
Sunday	2581	61% of weekday average (S)
	2530	58% of weekday average (N)

1.2 Vehicle Speed

Weekday - average speed

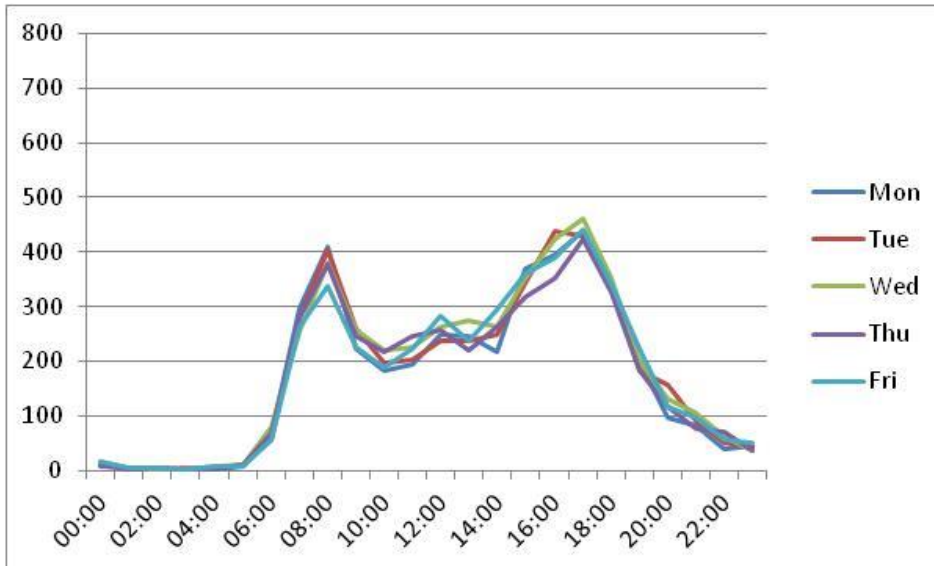
24 hr (0:00 - 24:00)	30.7 mph	15% > 35.9 mph (S)	
	30.6 mph	15% > 36.4 mph (N)	
12 hr (07:00 - 19:00)	35.5 mph	15% > 30.3 mph (S)	
	35.6 mph	15% > 30.1 mph (N)	
Peak time morning	26-<31mph	08:00 126 (S)	08:00 262 (N)
	31-<36mph	08:00 94 (S)	07:45 114 (N)
	36-<41 mph	07:15 41 (S)	06:45 47 (N)
Peak time afternoon	26-<31mph	16:30 176 (S)	15:00 129 (N)
	31-<36mph	16:30 114 (S)	16:00 84 (N)
	36-<41 mph	18:00 38 (S)	17:00 40 (N)

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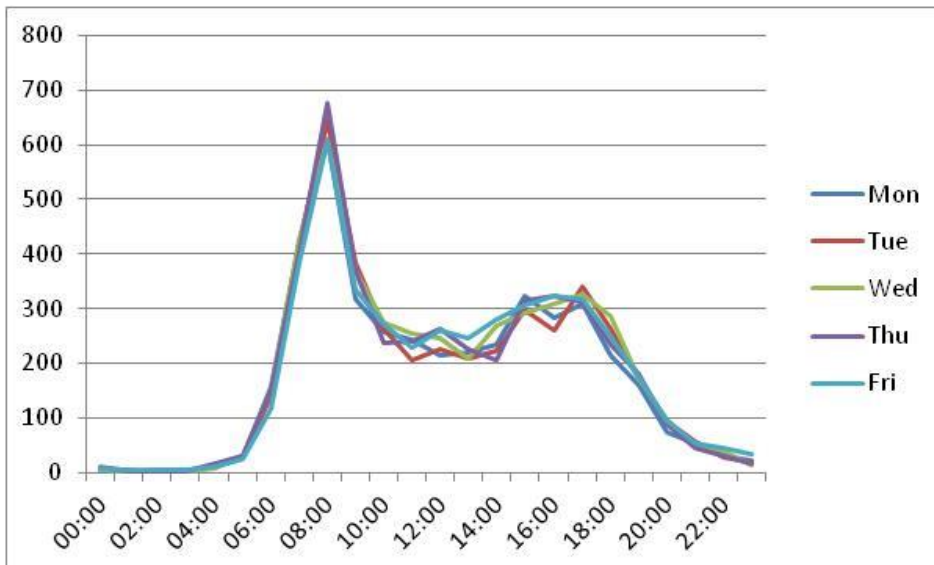
1.3 Conclusions

The B481 is a very busy road for 12 hours of any week day

Weekday volume - Southbound



Weekday volume - Northbound



Both channels take an similar volume of traffic per day but the (N) is 65% busier at early morning peaks whilst less busy at the mid-afternoon peak by 8%

Vehicles have approximately the same speeding characteristics in both channels.

Comparison of the 5 day average volume with the Bolts Cross junction survey shows that 54% of the traffic flow both north and south is towards Nettlebed and the M40

5 day Average	Bolts Cross	B481	% of B481
South	2299	4220	54%
North	2349	4341	54%

Vehicles exceeded the speed limit during all measured periods

For both northbound and southbound traffic

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43% of vehicles exceed the 30mph speed limit

10% of vehicles are travelling at over 40mph

13% of vehicles are travelling at over 40mph on Sunday

from 18:00 - 08:00 the number of vehicles exceeding the speed limit increases (i.e. outside school hours)