

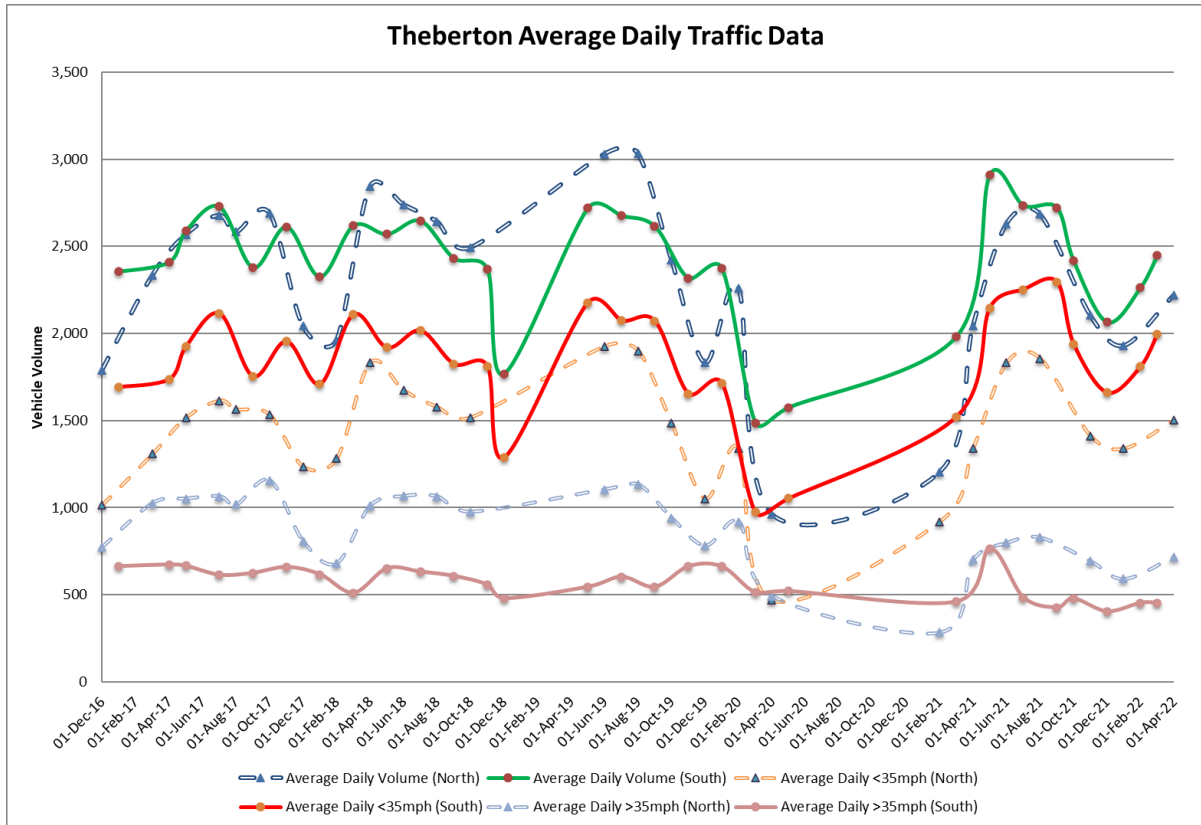
Theberton Speed Indicator Device Report 8 June 2022

The speed indicator device has been operational for fifty-seven ~20-day periods since 20th December 2016. It is placed at one end of the village or other at ~30-day intervals.

Traffic volumes in the period since March 2021 are back to normal and the long-term averages for those exceeding 35mph is now **37.6%** from north and **24.1%** from south.

The **85th percentile speed*** is back at close to 40mph with **40.3mph** from north and **38.0mph** from south when they enter the village.

Neither the lead/acid nor Li-ion batteries are lasting the full 20 days of allowed data collection. I have been in discussion with Westcotec and they are taking the SID back for testing and, assuming no faults are found, have agreed to fit a solar panel charger to the SID at no cost. My records indicate that following the repair that was made in early 2021, the lead acid battery certainly did not last as long.



SID Start Date	06-May-21	05-Jun-21	07-Jul-21	08-Aug-21	07-Sep-21	16-Oct-21	08-Nov-21	11-Dec-21	09-Jan-22	10-Feb-22	26-Mar-22	23-Apr-22
Average Daily Volume (North)		2,630		2,685			2,105		1,930			2,220
Average Daily Volume (South)	2,912		2,736		2,723	2,418		2,064		2,263	2,449	
Total Vehicles (North)		34,187		37,596			29,469		30,875		36,733	33,306
Total Vehicles (South)	34,947		43,773		43,574	29,021		30,965		29,421	36,733	
Total Vehicles <35mph (North)		23,825		25,999			19,774		21,425			22,548
Total Vehicles <35mph (South)	25,767		36,025		36,734	23,281		24,905		23,530	29,951	
Total Vehicles >35mph (North)		10,362		11,597			9,695		9,450			10,758
Total Vehicles >35mph (South)	9,180		7,748		6,840	5,740		6,060		5,891	6,782	
Average Daily <35mph (North)		1,833		1,857			1,412		1,339			1,503
Average Daily <35mph (South)	2,147		2,252		2,296	1,940		1,660		1,810	1,997	
Average Daily >35mph (North)		797		828			693		591			717
Average Daily >35mph (South)	765		484		427	478		404		453	452	
85th percentile speed North (mph)		38.8		38.7			39.0		38.7			39.2
85th percentile speed South (mph)	37.8		37.8		35.3	36.8		36.7		37.0	36.4	
% <35mph (North)		69.7%		69.2%			67.1%		69.4%			67.7%
% <35mph (South)	73.7%		82.3%		84.3%	80.2%		80.4%		80.0%	81.5%	
% >35mph (North)		30.3%		30.8%			32.9%		30.6%			32.3%
% >35mph (South)	26.3%		17.7%		15.7%	19.8%		19.6%		20.0%	18.5%	

*The 85th Percentile is indicative of the speed that the majority of road users are travelling at.