

SPACES FOR PEOPLE UPDATE



SBC councillors will be reviewing roads that have been changed 20mph to decide if these need to revert to 30mph or not. Also, data from the public consultation back in the summer is being analysed. In all 8,031 responses to this consultation were submitted to SBC by the public.

Also, some useful information was released from September 2021 regarding another speed survey, which seems to show the impact on average speeds on the A6105 east of Foulden Village of the reversion since the speed limits were risen in May 2021.

<http://scottishborders.tracsis-tads.com/conduit/borders>

This link shows a list of road traffic accidents in the Borders

[Borders Accident Map](#)

ADDENDUM 27/10/21 - updated see below

Speed information breakdown for Foulden - added 27th October 2021

As a result of feedback, here is some specific information from the above survey <http://scottishborders.tracsis-tads.com/conduit/borders>

Picture 1: A6105 Foulden Eastbound - 7-day average

This was measured using a sensor part way between the two junctions for Woodlands on the A6105

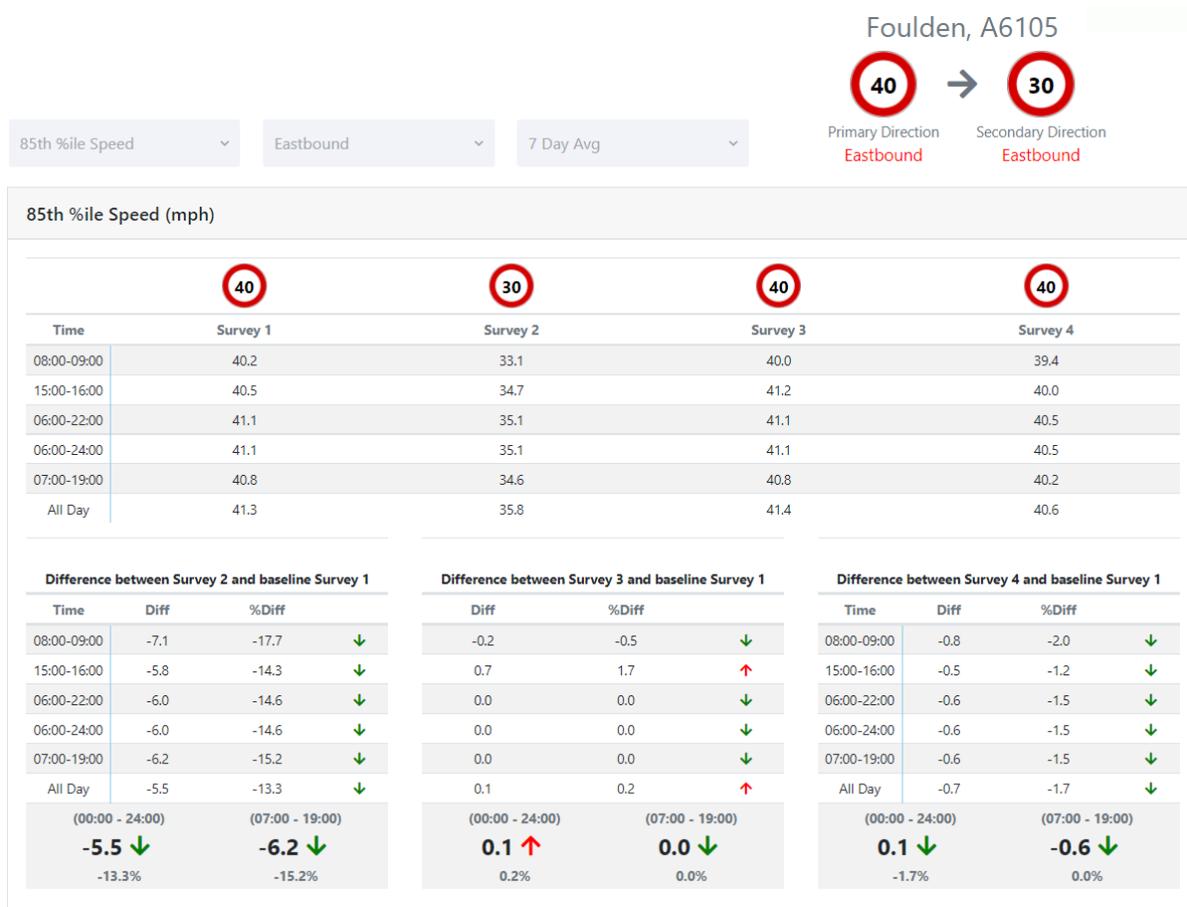
Average Speed (mph)				
				
Time	Survey 1	Survey 2	Survey 3	Survey 4
08:00-09:00	36.0	29.4	35.8	35.5
15:00-16:00	36.1	29.8	36.4	35.7
06:00-22:00	36.4	30.2	36.4	35.8
06:00-24:00	36.5	30.3	36.5	35.9
07:00-19:00	36.3	29.9	36.3	35.7
All Day	36.6	30.5	36.6	35.9

Difference between Survey 2 and Survey 1 baseline				Difference between Survey 3 and Survey 1 baseline			Difference between Survey 4 and Survey 1 baseline			
Time	Diff	%Diff		Diff	%Diff		Time	Diff	%Diff	
08:00-09:00	-6.6	-18.3	↓	-0.2	-0.6	↓	08:00-09:00	-0.5	-1.4	↓
15:00-16:00	-6.3	-17.5	↓	0.3	0.8	↑	15:00-16:00	-0.4	-1.1	↓
06:00-22:00	-6.2	-17.0	↓	0.0	0.0	↓	06:00-22:00	-0.6	-1.6	↓
06:00-24:00	-6.2	-17.0	↓	0.0	0.0	↓	06:00-24:00	-0.6	-1.6	↓
07:00-19:00	-6.4	-17.6	↓	0.0	0.0	↓	07:00-19:00	-0.6	-1.7	↓
All Day	-6.1	-16.7	↓	0.0	0.0	↓	All Day	-0.7	-1.9	↓

(00:00 - 24:00)	(07:00 - 19:00)	(00:00 - 24:00)	(07:00 - 19:00)	(00:00 - 24:00)	(07:00 - 19:00)
-6.1 ↓	-6.4 ↓	0.0 ↓	0.0 ↓	-0.7 ↓	-0.6 ↓
-16.7	-17.6%	0.0%	0.0%	-1.9%	-1.7%

This shows the average speed calculated between certain periods of time, as well as all day for traffic travelling Eastbound - It is quite noticeable that the average speed lowered significantly when the 30mph speed limit was introduced, and returned to the original level of speeds when the limit was put back to 40mph. Survey 4 has shown a very small drop in average speeds compared with Survey 1, which was carried out before the speed limit was lowered from 40mph to 30mph. (continued...)

Picture 2: A6105 Foulde Eastbound - 7-day 85th percentile speeds



This information measures the 85th percentile speed, which is the speed that 85% of the traffic is doing less than or equal to. Typically, this is the speed that separates the slowest 85% of vehicle speeds from the top 15%.

As an example, if, in a specific time, the speed of 100 vehicles is measured and 85 of these vehicles are travelling at 33 mph per hour or less, then the 85th percentile speed would be 33mph. It means that 15% of the vehicles passing were doing more than this speed.

Looking at Picture 2 above, the speed that 85% of the traffic was driving at or less than dropped by 5.5 mph between survey 1 and 2 yet returned to a similar distribution of speeds when the when the sign was put up to 40mph in May 2021. The two pictures overleaf show the data for westbound traffic measured at the same spot.

Picture 3: A6105 Foulden Westbound - 7-day average speeds

Average Speed (mph)				
	40	30	40	40
Time	Survey 1	Survey 2	Survey 3	Survey 4
08:00-09:00	37.2	31.8	35.9	37.0
15:00-16:00	37.5	31.4	36.7	36.6
06:00-22:00	37.9	32.7	36.9	37.1
06:00-24:00	38.0	32.7	36.9	37.1
07:00-19:00	37.7	32.3	36.6	36.9
All Day	38.1	33.1	37.1	37.3

Difference between Survey 2 and Survey 1 baseline			
Time	Diff	%Diff	
08:00-09:00	-5.4	-14.5	↓
15:00-16:00	-6.1	-16.3	↓
06:00-22:00	-5.2	-13.7	↓
06:00-24:00	-5.3	-13.9	↓
07:00-19:00	-5.4	-14.3	↓
All Day	-5.0	-13.1	↓
(00:00 - 24:00)	-5.0		
(07:00 - 19:00)		-5.4	
	-13.1	-14.3%	

Difference between Survey 3 and Survey 1 baseline			
Time	Diff	%Diff	
08:00-09:00	-1.3	-3.5	↓
15:00-16:00	-0.8	-2.1	↓
06:00-22:00	-1.0	-2.6	↓
06:00-24:00	-1.1	-2.9	↓
07:00-19:00	-1.1	-2.9	↓
All Day	-1.0	-2.6	↓
(00:00 - 24:00)	-1.0		
(07:00 - 19:00)		-1.1	
	-2.6%	-2.9%	

Difference between Survey 4 and Survey 1 baseline			
Time	Diff	%Diff	
08:00-09:00	-0.2	-0.5	↓
15:00-16:00	-0.9	-2.4	↓
06:00-22:00	-0.8	-2.1	↓
06:00-24:00	-0.9	-2.4	↓
07:00-19:00	-0.8	-2.1	↓
All Day	-0.8	-2.1	↓
(00:00 - 24:00)	-0.8		
(07:00 - 19:00)		-0.8	
	-2.1%	-2.1%	

The results here for westbound average speeds are slightly different, as the average speed in survey 1 (before the reduction of the speed limit to 30mph) was higher than the eastbound traffic. There was a notable drop in speeds, albeit not quite as much as for the eastbound direction when the lower speed limit was brought in. However, since the 40mph speed limit was re-instated, average speeds westbound have moved back towards the survey 1 average speeds.

Picture 4: A6105 Foulden Westbound - 7-day 85th percentile speeds

85th %ile Speed (mph)				
	40	30	40	40
Time	Survey 1	Survey 2	Survey 3	Survey 4
08:00-09:00	42.6	36.9	40.3	41.7
15:00-16:00	41.7	36.0	40.7	41.0
06:00-22:00	42.6	37.9	41.2	41.6
06:00-24:00	42.6	37.9	41.2	41.6
07:00-19:00	42.3	37.2	40.7	41.3
All Day	43.0	38.7	41.6	42.0

Difference between Survey 2 and baseline Survey 1			
Time	Diff	%Diff	
08:00-09:00	-5.7	-13.4	↓
15:00-16:00	-5.7	-13.7	↓
06:00-22:00	-4.7	-11.0	↓
06:00-24:00	-4.7	-11.0	↓
07:00-19:00	-5.1	-12.1	↓
All Day	-4.3	-10.0	↓
(00:00 - 24:00)	-4.3		
(07:00 - 19:00)		-5.1	
	-10.0%	-12.1%	

Difference between Survey 3 and baseline Survey 1			
Time	Diff	%Diff	
08:00-09:00	-2.3	-5.4	↓
15:00-16:00	-1.0	-2.4	↓
06:00-22:00	-1.4	-3.3	↓
06:00-24:00	-1.4	-3.3	↓
07:00-19:00	-1.6	-3.8	↓
All Day	-1.4	-3.3	↓
(00:00 - 24:00)	-1.4		
(07:00 - 19:00)		-1.6	
	-3.3%	-3.8%	

Difference between Survey 4 and baseline Survey 1			
Time	Diff	%Diff	
08:00-09:00	-0.9	-2.1	↓
15:00-16:00	-0.7	-1.7	↓
06:00-22:00	-1.0	-2.3	↓
06:00-24:00	-1.0	-2.3	↓
07:00-19:00	-1.0	-2.4	↓
All Day	-1.0	-2.3	↓
(00:00 - 24:00)	-1.4		
(07:00 - 19:00)		-1.0	
	-2.3%	-3.8%	

85th percentile speed drops when the speed limit was lowered to 30mph, but not as much as for the eastbound direction when the 30mph limit was brought in and returns to slightly slower than westbound survey 1 levels when the speed limit is reverted to 40mph.

Hope this helps.

Any queries please get in touch on enquiries.fmlcc@outlook.com

Regards

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Secretary

Foulden, Mordington and Lamberton Community Council