

Beech Parish Council November 2025

Beech Parish Speedwatch Report

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Introduction

Beech Parish Council in 2021 completed its Neighbourhood plan. As part of the infrastructure section as part of the public consultation on that plan, the parish council noted many complaints about speeding through the village.

Beech had to abandon its CSW scheme because the police thought it was too dangerous to operate.

The Parish council then decided two things:

- I. We would evaluate alternate options to CSW.
- II. We would conduct in conjunction with Hampshire Highways a speed and volume survey of traffic through the village

We opted to invest in 3 AutoSpeedWatch (ASW) Cameras. We used those in conjunction with the Highways evaluation to check how well they recorded the speeding traffic. The cameras were found to capture a similar number of vehicles travelling over 36mph (PS Note ASW only records vehicles speeding unlike Police Speeding Cameras which record all passing vehicles irrespective of speed).

After the cameras were installed and properly sign posted, we noted that the number of vehicles speeding through the SLR position at Mid Village at speeds over 35/40/50 mph were reduced by 35%, 55% and 68% respectively. That reducing trend was generally maintained when the trial was repeated some 2 weeks later. Some 4 years later now that reduction in speeding vehicles has been maintained.

We have consistently asked the Road Policing unit over the last 4 years for 2 things

- 1. 10 CSW letters a month to the most persistent speedster.**
- 2. A discussion with the CPS as to whether we can use the average speed recorded between the surveillance cameras in Beech as a basis for raising fines to the vehicles exceeding the average speed through the village.**

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Background

In Beech we are fortunate to have 6 AutoSpeedWatch Cameras monitoring traffic. The cameras give us invaluable intelligence about speeding traffic through our village.

Our sincere thanks for the volunteers who verify the camera images.

Together with our 'Evocom' Speed Indicator Devices we now monitor the effectiveness of the signage and identify the most frequent offenders.

Our Challenge is how to address these frequent offenders and stop their anti-social behaviour. Despite our success in **addressing the volume of offenses down 85% over the last 3 years**, leaving us with 3% of regular speedsters in Beech, we continue to work diligently to address the issue of a few drivers who behave totally anti-socially by abusing the road through our village.

We do however desperately need help from the Hampshire Police force to address these frequent speedsters.

This report gives a monthly update of the intelligence we have gathered.

- **The Evocom road site speed indicator device** relies on single point radar and is **accurate to 1%**. Drivers can see the display mid village up to 100 yards away. No complaints were received because of inaccurate speeds displayed.
- **THE ASW system** relies on similar radar technology as the EVOCOM device and **is also calibrated to be accurate to within 1%**
- **Radar technology is subject to very occasional interference from vehicles driving in the opposite direction, other moving objects such as birds and debris, and other radar devices in the vicinity. That is why we only report frequent speedsters.**
- **The average speed is determined using the calculation $\text{speed} = \text{distance over time}$. It does not rely on the speed measurement within the ASW device as:**
 1. THE DISTANCE IS MEASURED USING GPS AND VERIFIED BY A SURVEYOR'S WHEEL MEASUREMENT.
 2. TIME IS MEASURED USING GPS, VERIFIED AT CAMERA START UP WITH USING A NETWORK TIME PROTOCOL SERVER SO IS ACCURATE TO 1 SEC.
 3. AVERAGE SPEEDS REPORTED ARE ACCOMPAGNIED BY A MARGIN OF ERROR RANGE allowing for vehicle position and the potential 1sec timing error.

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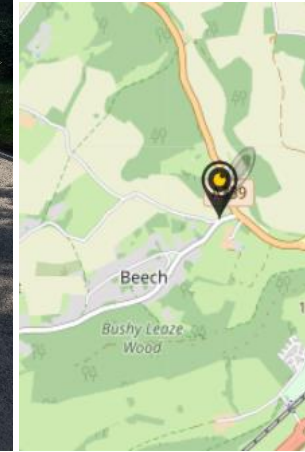
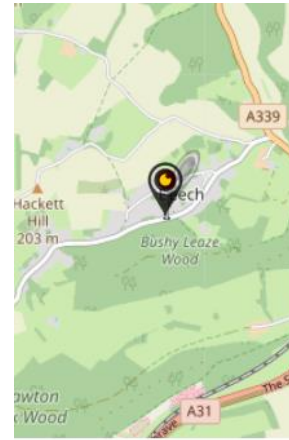
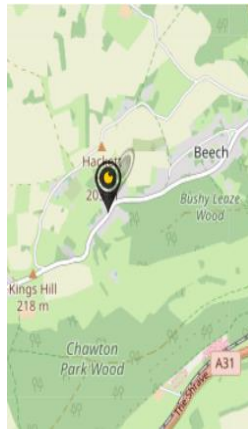
Actions this month:

- * The planned November 26th meeting was a little disappointing however the Police have agreed to use the data from our cameras to assist with the deployment of their speed management assets (Vans, Mobile police speed units- unmarked cars and motor bikes as well officers with handheld devices). The format of the data to be advised by the Road Policing Unit.
- * The Hampshire Association of Local Councils has invited a Beech councillor to sit on their Road Safety Partnership subcommittee. Awaiting a formal invitation.
- * Our Local Police support our efforts. Our local “Bobby” has agreed to visit 1 repeat offender a month. So far, no feedback has been received.
- *We continue to support the ASW cameras in EHDC are rolling out.
- *We continue acting as part of the Bentworth CSW group, as Hampshire Police has not given permission for a CSW group to operate in Beech, because the road is too dangerous.
- *The Beech Road Safety Working Group has in conjunction with Hampshire Highways agreed further signage relating to pedestrians crossing the main roads from public footpaths.

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Main CSW+ Camera Positions.



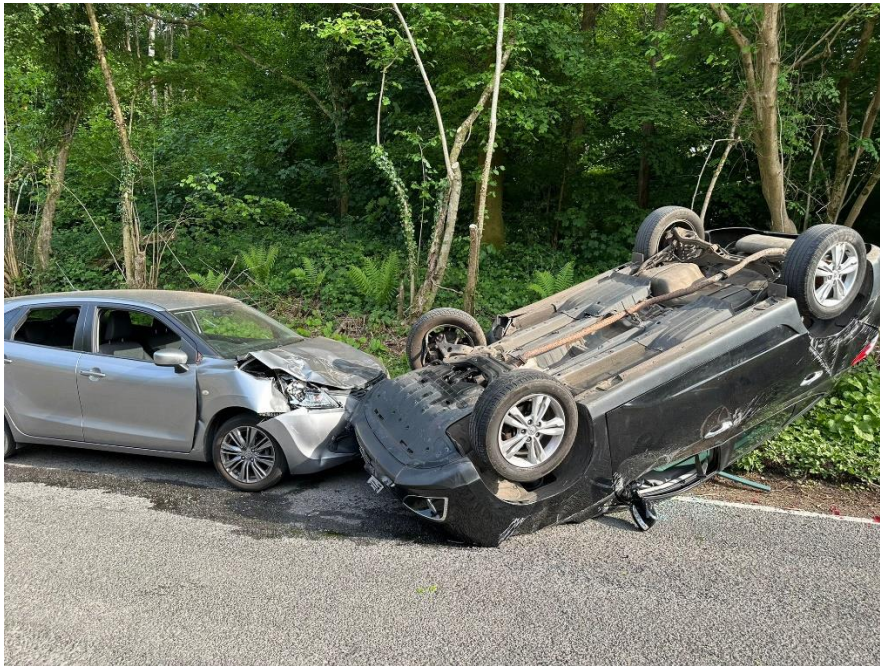
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Accident in Beech June 2025

Thankfully no fatalities but none the less another serious crash.

See image below



How the driver of the upside-down vehicle escaped with minor injuries and just a brief visit to Basingstoke Hospital we will never know.

The vehicle he collided with was driven by a mum with 3 children in the car. Fortunately, they did not even have a scratch.

GDPR restrictions do not allow us to mention whether the vehicles shown were frequent speedsters or not. The crash occurred in an area where the Parish Council has been allowed to create a footpath in the wood alongside the road. Regrettably the Forestry Commission does not allow us to do the same in the 1 mile stretch where Forestry land borders our through road (Maintenance costs were sighted as the reason?).

Everywhere we face obstacles to improving safety on

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Number of offenses by frequent speedsters through the village as a %age of total offenses.

The table below shows the number of offenses by number of vehicles speeding over 35mph over the last 12 months. So, **just 6** vehicles accounted for 5% of offenses, **between them 1182 offenses** in total. They comprised **0.67 %** of journeys through the village.

Just **121** vehicles accounted for **33%** of the speeding offenses over the last 12 months...

Both Directions CSW+ Offenses				Nov-25	
No Off Speeding Vehicles YTD	% of Total offenses these vehicles	No of ASW Offenses these vehicles	% of all transits these vehicles		
6	5%	1182	0.67%		
17	10%	2377	1.35%		
50	20%	4628	2.63%		
71	25%	5683	3.23%		
121	33%	7618	4.33%		
319	50%	11648	6.62%		
5443	100%	22997	13.07%		
No of Vehicles		No of Offenses	%age offending	Mid Village only	
175990		5088	2.89%	SID NOV 2025 YTD	
94736		19511	20.60%	SID 2021 Dec 10 Mths	
113683		23413	20.60%	Anualized 2021	

Based on this data, if we can address just 120 vehicles in each each year, we will have addressed 33% of the speedsters.

MORE IMPORTANTLY WE WOULD ADDRESS THE MOST SERIOUS FREQUENT OFFENDING SPEEDSTERS IN BEECH...

That could be achieved by posting just 10 Community Speed Watch plus (CSW+) letters a month.

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Most Frequent Single Point Offenders – Month of November 2025

YTD Rank	This Mths Rank	V R N	M a k e	Model	Colour	Times Seen speeding in October 2025	Top Speed	YTD No Off Speeding Offences	Number of AVG Speed Offences
4	1	[REDACTED]	VOLVO	XC60	GREY	12	55	185	24
5	2		LAND ROVER	DISCOVERY	GREY	11	43	175	22
15	3		MERCEDES-BENZ	B-CLASS	SILVER	11	41	98	26
6	4		MINI	COOPER S EXCLUSIV...	GREEN	10	44	159	0
12	5		VOLVO	V90 CROSS COUNTRY...	GREY	10	56	108	0
8	6		VOLKSWAGEN	GOLF	BLACK	8	44	137	0
9	7		FORD	TRANSIT CUSTOM 30...	WHITE	8	45	129	12
1	8		VOLVO	XC60	WHITE	7	38	238	52
2	9		FORD	RANGER	BLUE	7	42	235	32
3	10		TOYOTA	AURIS	BLUE	6	40	190	19
a) Ranking Highlighted in RED are worse than YTD ranking.									
b) Highlighted in Brown also feature in the top 10 AVG speed Offenders.									
c) Highlighted in Pink have been written to by the Parish Clerk more than twice.									

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TOP 10 Regularly Exceeding Average Speed by Frequency for November 2025

Ranking YTD	Ranking this Month	VRN	Make	Model	Vehicle Colour	No of AVG Speed Offences in August 2024	Highest Average Speed	MAX Error Margin (Å±mph)	Times AVG Speeding last 12 months	Total YTD single speeding offenses
4	1		VOLVO	XC60	GREY	5	45.8	1.5	24	185
3	2		MERCEDES-BENZ	B-CLASS	SILVER	4	38.4	1.0	26	98
1	3		VOLVO	XC60	WHITE	2	36.9	1.1	52	238
25	4		MINI	COUNTRYMAN	BRONZE	2	36.9	0.5	10	47
5	5		LAND ROVER	DISCOVERY	GREY	2	35.6	1.1	22	175
980	6		PORSCHE	TAYCAN 4S CROSS T...	GREY	1	40.2	1.4	1	4
994	7		TOYOTA	AYGO	RED	1	39.5	1.4	1	24
995	8		VOLKSWAGEN	POLO	SILVER	1	39.3	0.6	1	2
474	9		FORD	S-MAX	SILVER	1	39.0	0.6	2	36
1010	10		LAND ROVER	FREELANDER	BLACK	1	38.8	1.3	1	2
a) Ranking Highlighted in RED are worse than YTD ranking.										
b) Highlighted in Brown also feature in the top 10 single point speed Offenders.										

It is noteworthy to that a lot of vehicles new to driving through the village *(Low YTD Ranking)* do so driving at speeds greater than an average speed of 35mph.

NOTE: To appear on this list a vehicle must exceed 35mph through 2 camera points and Average more than 30 mph in between those 2 points.

Vehicles breaking the average speed limit of 30 mph are also frequent speedsters through the village!

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Further Details of the top 5 Regular Average Speed offenders November 2025

Readings for the Top 3 Average Speed offenders.

Zone Name	Zone Speed	Date	Time (From)	Time (To)	VRM	Make	Model	Colour	Average Speed	Error Margin (±mph)	Transit time ±1sec	GPS Distance Meters	GPS Distance Miles	MPH Speed Distance /time
Eastbound 66 Kings Hill to 106 Medstead Road	30	01/11/2025	13:35:13	13:36:12		VOLVO	XC60	GREY	45.8	1.5	00:00:59	1208	0.75	45.80
Eastbound 66 Kings Hill to 7 Medstead Road	30	01/11/2025	13:35:13	13:37:16		VOLVO	XC60	GREY	39.9	0.6	00:02:03	2196	1.36	39.94
Eastbound 106 Medstead Road to 7 Medstead Road v2	30	01/11/2025	13:36:12	13:37:16		VOLVO	XC60	GREY	34.5	1	00:01:04	988	0.61	34.53
Eastbound 66 Kings Hill to 7 Medstead Road	30	02/11/2025	14:33:06	14:35:21		VOLVO	XC60	GREY	36.4	0.5	00:02:15	2196	1.36	36.39
Eastbound 106 Medstead Road to 7 Medstead Road v2	30	29/11/2025	14:23:09	14:24:09		VOLVO	XC60	GREY	36.8	1.2	00:01:00	988	0.61	36.83
Eastbound 66 Kings Hill to 7 Medstead Road	30	02/11/2025	16:14:57	16:17:05		MERCEDES-BENZ	B-CLASS	SILVER	38.4	0.6	00:02:08	2196	1.36	38.38
Eastbound 66 Kings Hill to 7 Medstead Road	30	15/11/2025	14:15:57	14:18:13		MERCEDES-BENZ	B-CLASS	SILVER	36.1	0.5	00:02:16	2196	1.36	36.12
Eastbound 66 Kings Hill to 7 Medstead Road	30	20/11/2025	14:21:50	14:24:00		MERCEDES-BENZ	B-CLASS	SILVER	37.8	0.6	00:02:10	2196	1.36	37.79
Eastbound 106 Medstead Road to 7 Medstead Road v2	30	25/11/2025	10:15:42	10:16:49		MERCEDES-BENZ	B-CLASS	SILVER	33	1	00:01:07	988	0.61	32.99
Eastbound 66 Kings Hill to 7 Medstead Road	30	18/11/2025	12:10:35	12:13:03		VOLVO	XC60	WHITE	33.2	0.5	00:02:28	2196	1.36	33.19
Eastbound 66 Kings Hill to 7 Medstead Road	30	22/11/2025	09:33:26	09:35:39		VOLVO	XC60	WHITE	36.9	0.5	00:02:13	2196	1.36	36.93

- The distances for Average Speeds have been measured using a surveyor's measuring wheel and verified by GPS, the smaller of the 2 distances taken for the calculation.
- GPS Timing is verified via a Network Time Protocol server so accurate to the nearest second.
- **Speeds** calculated from distance/time **are scientifically accurate** within error margins shown.

NOTE AGAIN:

To appear on this list a vehicle must exceed 35mph through 2 camera points and Average more than 30 mph in between those 2 points.

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Commercial Livered Vehicles frequent offenders in Beech November 2025

As liveried vehicles owners are not protected by GDPR with respect to their VRN details, the parish council has authorised the clerk to write to frequently offending commercial vehicles identified by their livery. To date we have written to 68 vehicle owners. There have been no new commercial vehicles in November which have recorded for the first time more than 10 offenses in Beech in the last 12 months. Clerk has written 2 second letters to the relevant vehicle owners. The Parish Council has received no feedback on those reported to the Police keep speeding. However, the Local Bobby agreed to contact one owner who since then has not re-offended.

NOV	1	26/11/2025	11:16	BT70OAZ	FORD	TRANSIT CUSTOM 30...	WHITE	Golden Hammer Roofing	charlie@goldenhammerroofing.co.uk	21	8	129	3	Police Notified
	2	28/11/2025	14:50	T50DMO	FORD	RANGER	BLUE	Bodgit and Legit	info@bodgitandlegit.co.uk	18	7	235	3	Police Notified
	3	25/11/2025	14:00	KP25SZC	PEUGEOT	EXPERT PROFESSION...	RED	Royal Mail	customerservice@your.royalmail.com	11	5	64	3	Police Notified
	4	01/11/2025	09:29	MD24SCV	FORD	TRANSIT CUSTOM 30...	WHITE	DHL pressestelle@dhl.com	ir@dhl.com	2	1	11	1	Clerk e-mail ltr 1
	5	05/11/2025	13:32	RO22BXA	PEUGEOT	PARTNER PROFESSIO...	WHITE	Martin Watts Building & Construction	office@wattsconstructionrm.co.uk	1	1	11	1	Clerk e-mail ltr 1
	6	11/11/2025	11:42	HN12UYG	RENAULT	TRAFIC	BLACK	MW Property Service	admin@mwpropertyservice.co.u	1	1	11	1	Clerk e-mail ltr 1
	7	11/11/2025	12:43	LN70RFJ	MERCEDES-BENZ	SPRINTER 314 PROG...	YELLOW	DHL pressestelle@dhl.com	ir@dhl.com	2	1	15	1	Clerk e-mail ltr 1
	8	22/11/2025	15:15	RE63VXT	RENAULT	TRAFIC	WHITE	Martin Watts Building & Construction	office@wattsconstructionrm.co.uk	5	2	20	1	Clerk e-mail ltr 2
	9	03/11/2025	11:39	GD16HJX	VOLKSWAGEN	TRANSPORTER	WHITE	Country Barns	info@countrybarns.co.uk	5	1	25	2	Clerk e-mail ltr 2

We have received no feedback from the police on whether they took any further action on reported vehicles. *Note: As opposed to Private unmarked vehicles, commercial vehicles with livery are not protected from publication under the GDPR legislation.*

This month 9 Livered Vehicles were detected speeding in Beech, 3 were previously notified to the police.

In total the Parish council has written to 68 companies since the scheme was implemented, clearly the letters are having a positive effect on speeding offenses in Beech, as we see there are relatively few that re-offend.

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Worst Average Speed Offenders in the Last 12 Months.

YTD													
Ranking Last 12 Months	Ranking This Month	V R N	M a k e	Model	Colour	Highest Average Speed	Error Margin (±mph)	36 mph and above	40 mph and Above	YTD Times Average Speeding since 01/10/24	Last 3 months Times Average Speeding since 01/7/25	Times seen speeding since 01/10/2024	Times seen speeding since 01/10/2025
1	1		VOLVO	XC60	WHITE	44.3	1.4	Y	Y	50	48	143	13
2	2		FORD	RANGER	BLUE	43.5	1.6	Y	Y	31	27	202	14
3	3		NISSAN	X-TRAIL	SILVER	41.4	1.3	Y	Y	19	13	93	3
11	4		MERCEDES-BENZ	B-CLASS	SILVER	44.6	1.7	Y	Y	18	10	83	14
6	5		TOYOTA	AURIS	BLUE	39.5	1.4	Y		16	14	149	22
8	6		VOLKSWAGEN	TRANSPORTER	RED	39.8	1.2	Y		13	9	53	0
17	7		NISSAN	JUKE	RED	43.5	1.4	Y	Y	12	9	56	5
13	8		FORD	TRANSIT	BLACK	39.7	1.4	Y		10	8	92	10
25	9		NISSAN	NAVARA	BLACK	40.6	1.4	Y	Y	9	6	51	5
15	10		LAND ROVER	DISCOVERY	GREEN	42.2	1.3	Y	Y	8	2	41	1

Vehicles with the highest number of Average Speed offenses are generally also those with the largest number of Single Speed offenses recorded.

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Worst Single Point Offenders over the last 12 months

Speeding is a habit... a dangerously bad habit... it caused 1500 deaths almost 30,000 seriously injures in 2024 in England and Wales ...

Last Mths Rank	This Mths Rank	V R N	M a k e	Model	Colour	Times Seen speeding in Beech last 12 months	Top Speed	No of times speeding Nov 25	No of AVG Speed Offenses
2	1		VOLVO	XC60	WHITE	238	54	7	52
1	2		FORD	RANGER	BLUE	235	55	7	32
3	3		TOYOTA	AURIS	BLUE	190	63	6	19
4	4		VOLVO	XC60	GREY	185	55	12	24
5	5		LAND ROVER	DISCOVERY	GREY	175	63	11	22
6	6		MINI	COOPER S EXCLUSIV...	GREEN	159	52	10	0
7	7		LAND ROVER	DISCOVERY SPORT D...	SILVER	138	51	3	8
8	8		VOLKSWAGEN	GOLF	BLACK	137	66	8	0
9	9		FORD	TRANSIT CUSTOM 30...	WHITE	129	53	8	12
10	10		NISSAN	X-TRAIL	SILVER	109	56	3	20
a) Ranking Highlighted in RED are worse than YTD ranking.									
b) Highlighted in Brown also feature in the top 10 AVG speed Offenders.									
c) Highlighted in Pink have been written to by the Parish Clerk more than twice.									

The top 10 speedsters averaged a top speed recorded of 57 mph!

Over half the offending vehicles that have offended just once!

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Offenders by speed range - 12 months Statistics

Mid Village Direction NE only														
10 Mths Prior to ASW camera intro 2021 Westcotec	NE Direction HCC Trial 14 days	EVOCOM SID SPEED mph	12 Months Ending											
No of Vehicles	No of Vehicles		31/12/24	31/01/25	28/02/25	31/03/25	30/04/25	31/05/25	30/06/25	31/07/25	31/08/25	30/09/25	31/10/25	30/11/25
19511		<30	153139	147868	147942	140842	157947	161296	158699	162411	161198	156816	143366	147163
		30-35	13020	12617	12189	12078	12291	13748	12796	14388	14445	14935	14098	14080
	290	36-40	3661	3511	3364	3302	3304	3687	3362	3798	3772	3092	3757	3752
	95	41-50	1075	1038	967	937	935	1037	954	1111	1116	1215	1144	1145
	7	>50	91	87	81	73	68	75	66	75	74	80	84	84
94736	1055	Total Vehicles	170986	165121	164543	157232	174545	179843	175877	181783	180605	182108	162449	175990
		>35	4827	4636	4412	4312	4307	4799	4382	4984	4962	4387	4985	4981
20.6%	37.2%	% of Drivers Offending > 35	2.82%	2.81%	2.68%	2.74%	2.47%	2.67%	2.49%	2.74%	2.75%	2.41%	3.07%	2.83%
		Total ASW NE Detected YTD	14115	14115	14115	16799	16062	16062	14170	16901	16901	18904	13842	15683
		Average no per ASW camera NE	4705	4705	4705	5600	5354	5354	4723	5634	5634	6301	4614	5228
		% - ASW Detected	93.89%	93.89%	93.89%	93.89%	124.31%	111.56%	107.79%	113.04%	113.54%	143.64%	92.56%	108.30%

The good news is that the ASW cameras and the SIDs continue to effective in controlling drivers **who care about not speeding.**

Regrettably the data shows that **persistent speedsters, who are also the fastest drivers, remain the drivers who commit the most offenses month in month out..**

Only with police help we can address these drivers ...

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Conclusions

The data recorded over the last 4 years and specifically that for the last year detailed in this report clearly demonstrates the impact of the Parish Council's initiative on speeding in Beech. (See item 17)

A demonstrable significant reduction of vehicle speeds, with speeding vehicles reduced from 20% of those transiting the village to below 3%, has enabled Hampshire Highways to permit the installation of an on-road footpath and highways has recently permitted the erection of a 20-mph limit in Beech. The cost associated with the 20mph zone has delayed its implementation.

As the data demonstrates the village continues to be plagued by a few vehicles who are persistent in speeding through Beech (see Item 5). These persistent offenders can only be addressed with the help of the police.

**2945 out of 5545 offending vehicles have offended just the once in the last 12 months!
Roadside Community Speed Watch more likely catches one of the 2945...
and therefor conventual CSW ops and single point Police Speed Cameras likely miss the frequent
speedsters that make rural village roads dangerous.**

Beech Parish Council has consistently asked the Road Policing unit over the last 4 years for 2 things namely:

1. 10 CSW letters a month to the most persistent speedster.
2. A discussion with the CPS as to whether we can use the average speed recorded between the surveillance cameras in Beech as a basis for raising fines to the vehicles exceeding the average speed through the village.