

Beech Parish Council

September 2025 Beech Parish ASW Report

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.

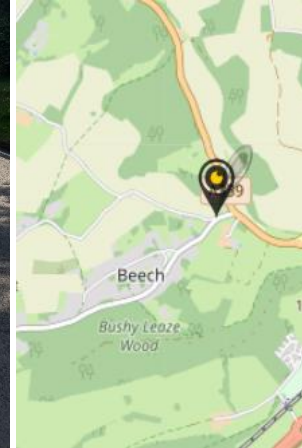
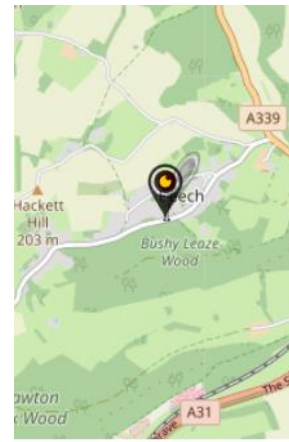
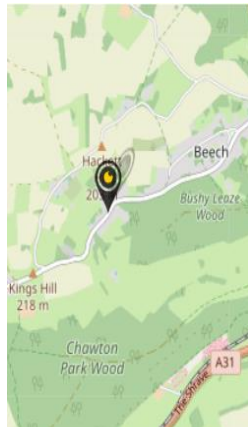
We do however desperately need help from the Hampshire Police force to address these frequent speedsters.

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.

Actions this month:

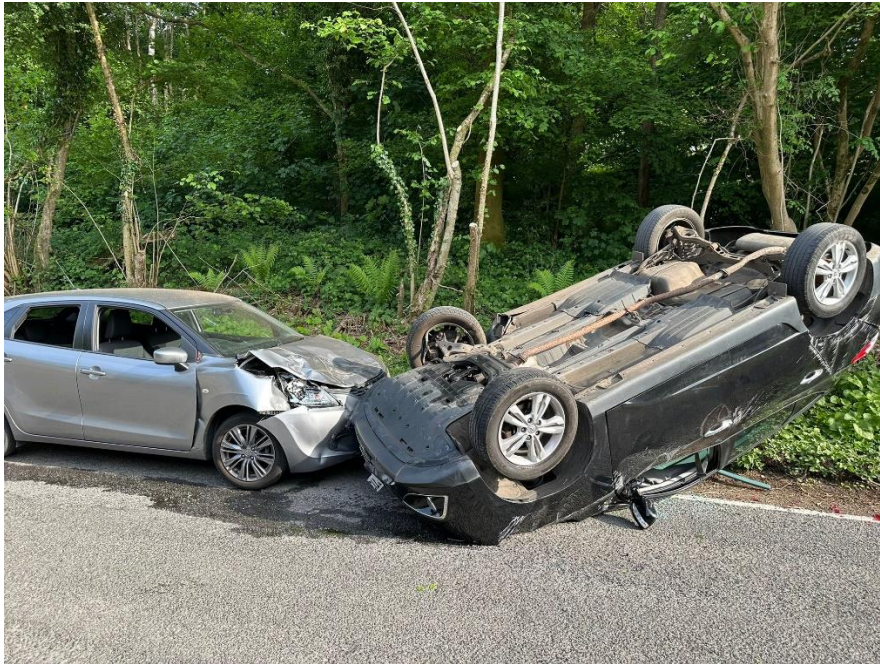
1. Hampshire Police started investigating how best to use the ASW data we provide in January 2024, but despite support from our local police force and our MP we received no feedback.
2. We are continuing to work to get HCC, the Police Commissioner, Hampshire Ambulance and Fire Services to re-instate the Hampshire Road Safety initiative. The Hampshire Association of Local Councils unanimously approved a motion offering their support for the Road Safety Partnership.
3. Our Local Police support our efforts. Our local “Bobby” has agreed to visit 1 repeat offender a month.
4. We are now reporting liveried vehicle incidents to the vehicle owners.
5. We continue to support the ASW cameras in EHDC are rolling out.
6. We continue acting as part of the Bentworth CSW group. But **Hampshire Police has not given permission for the group to operate in Beech, because the road is too dangerous.**
7. Our attempt to meet with the Hampshire Police Authority is to date proven fruitless a meeting for October has been promised.
8. The Beech Road Safety Working Group has in conjunction with Hampshire Highways completed works on an on-road footway see below:



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 the roads through Beech.

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

The table below shows the number of offenses by number of vehicles over the last 12 months in Beech. So, **just 8** vehicles accounted for 5% of offenses, **between them 978** offenses in total. They comprised **0.54 %** of journeys through the village. Just **118** vehicles accounted for 30% of the speeding offenses over the last 12 months...

Number of Vehicles as a %age of Offenses YTD			
Mid Village Direction NE only			Sep-25
No Off Speeding Vehicles	% of Total offenses these vehicles	No of ASW Offenses these vehicles	% of all transits these vehicles
8	5%	978	0.54%
21	10%	1940	1.07%
61	20%	2496	1.37%
45	25%	4708	2.59%
118	30%	6246	3.4%
362	50%	9450	5.19%
5399	100%	18904	10.38%
No of Vehicles		No of Offenses	%age offending
182108		4387	2.41%
94736		19511	20.60%
113683		23413	20.60%
SID SEP 2025 YTD			
SID 2021 Dec 10 Mths			
Anualized 2021			

Based on this data, if we can address just 120 vehicles in each EHDC village each year, we will have addressed 30% of the speedsters and more importantly we would address the most serious frequent offending speedsters in the district... **That could be achieved by posting just 10 Neighbourhood Watch letters a month per village**

2. Most Frequent Single Point Offenders – September 2025

YTD Rank	This Mths Rank	V R N	M a k e	Model	Colour	DVLA Notes Sept	Top Speed	Times Seen speeding in the September 2025	YTD Offenses
2	1		VOLVO	XC60	WHITE	0	46	32	218
12	2		FORD	FIESTA	BLUE	0	43	29	97
4	3		VOLVO	XC60	GREY	0	51	24	165
121	4		FORD	GRAND C-MAX	GREY	SORN/Not taxed,	45	23	30
8	5		LAND ROV	DISCOVERY SPORT D...	SILVER	0	39	21	125
23	6		FORD	RANGER	SILVER	0	44	20	76
21	7		AUDI	Q5 S LINE 40 TDI ...	BLUE	0	44	20	77
3	8		TOYOTA	AURIS	BLUE	0	44	20	169
55	9		FORD	TRANSIT CONNECT	GREY	0	49	20	49
96	10		BMW	X1	ORANGE	0	43	18	35

The Top Frequent speedsters this month are regular speedsters through the village.

3. TOP 10 Regularly Exceeding Average Speed by Frequency for September 2025

Ranking this Month	VRN	Make	Model	Vehicle Colour	No of AVG Speed Offenses in August 2024	Highest Average Speed	MAX Error Margin (Â±mph)	Times AVG Speeding before Sept 2025	Total YTD single speeding offenses NEB and SEB
1		VOLVO	XC60	WHITE	7	40.7	1.3	44	218
2		MERCEDES-BENZ	B-CLASS	SILVER	6	43.5	1.7	20	79
3		FORD	GRAND C-MAX	GREY	5	44.2	1.4	0	30
4		NISSAN	JUKE	RED	5	42.1	1.4	14	71
5		KIA	SPORTAGE	ORANGE	4	36.2	1.2	4	57
6		FORD	FIESTA	BLUE	3	35.6	1.1	5	97
7		KIA	CEED 2	RED	3	41.2	1.6	13	50
8		TOYOTA	AURIS	BLUE	3	33.7	1	16	169
9		LAND ROVER	DEFENDER XDYNAMIC...	BLACK	3	36.5	1.1	3	6
10		LAND ROVER	DISCOVERY SPORT D...	SILVER	3	34.9	1.2	5	125

It is noteworthy to that vehicles identified as **Breaking the average speed transiting Beech** also appear in the top single point speedsters.

To appear on the average speed list a vehicle must exceed 35mph through 2 cameras, as well as avg more 30 mph between those 2 points.

4. Further Details of the top 5 Regular Average Speed offenders September 2025

Top 4 readings for the Top 4 offenders.

Zone	Date	Time (From)	Time (To)	VRM	Make	Model	Colour	Average Speed	Error Margin (±mph)	No of Average speed Offenses MTD	Actual Min Avg Speed
Beech SWB2	06/09/2025	08:52:17	08:53:20		VOLVO	XC60	WHITE	40.7	1.2	7	39.5
Eastbound 106 Medstead Road to 7 Medstead Road	13/09/2025	17:18:00	17:18:59		VOLVO	XC60	WHITE	37.5	1.3	7	36.2
Eastbound 106 Medstead Road to 7 Medstead Road	24/09/2025	10:50:45	10:51:43		VOLVO	XC60	WHITE	38.1	1.3	7	36.8
Beech East to Kings Hill SWB	26/09/2025	11:26:35	11:28:43		VOLVO	XC60	WHITE	36.1	0.5	7	35.6
Beech SWB2	09/09/2025	16:25:16	16:26:15		MERCEDES	B-CLASS	SILVER	43.5	1.4	6	42.1
Beech SWB1	13/09/2025	12:22:23	12:23:11		MERCEDES	B-CLASS	SILVER	42.9	1.7	6	41.2
Beech SWB2	16/09/2025	18:35:07	18:36:10		MERCEDES	B-CLASS	SILVER	40.7	1.2	6	39.5
Beech SWB1	20/09/2025	18:13:41	18:14:43		MERCEDES	B-CLASS	SILVER	33.2	1	6	32.2
Beech SWB1	08/09/2025	08:39:30	08:40:27		FORD	GRAND C-MAX	GREY	36.1	1.2	5	34.9
Beech SWB1	16/09/2025	15:10:03	15:10:57		FORD	GRAND C-MAX	GREY	38.1	1.4	5	36.7
Beech East to Kings Hill SWB	16/09/2025	15:10:03	15:11:55		FORD	GRAND C-MAX	GREY	41.3	0.7	5	40.6
Beech SWB2	16/09/2025	15:10:57	15:11:55		FORD	GRAND C-MAX	GREY	44.2	1.4	5	42.8
Beech SWB1	08/09/2025	08:39:30	08:40:27		FORD	GRAND C-MAX	GREY	36.1	1.2	5	34.9
Beech SWB1	16/09/2025	15:10:03	15:10:57		FORD	GRAND C-MAX	GREY	38.1	1.4	5	36.7
Beech East to Kings Hill SWB	16/09/2025	15:10:03	15:11:55		FORD	GRAND C-MAX	GREY	41.3	0.7	5	40.6
Beech SWB2	16/09/2025	15:10:57	15:11:55		FORD	GRAND C-MAX	GREY	44.2	1.4	5	42.8

- 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.

Vehicles breaking the average speed limit of 30 mph are either frequent speedsters or new to the village!

5. Commercial Livered Vehicles frequent offenders in Beech September 2025

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 September which have recorded for the first time more than 10 offences 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.

	No Contacts this month	Date Last Detected	VRN	Make	Model		Company	Contact	Offences since this date last detected	Offences last month in Beech	Offences since last reported	Offense last 12 months in Beech	P R e v i o u s o f f e n d e r	Type of Last contact	
Sept	1	01/09/2025	07:11 HX68XNO	MERCEDES-BENZ	CITAN	WHITE	HWM	enquiries@hwmgroup.co.uk		1	2	1	16	4	Police Notified Sept
	2	02/09/2025	08:07 T50DMO	FORD	RANGER	BLUE	Bodgit and Legit	info@bodgitandlegit.co.uk		2	4	2	224	12	Police Visit after 2 Sept
	3	02/09/2025	11:59 GD16HJX	VOLKSWAGEN	TRANSPORTER	WHITE	Country Barns	info@countrybarns.co.uk		0	2	0	20	1	Clerk e-mail ltr 2
	4	05/09/2025	17:58 DV62SXR	FORD	TRANSIT	WHITE	Edmunds and Son	07946 413308		0	1	0	20	8	Police Notified June
	5	05/09/2025	19:16 BR05SFR	FORD	TRANSIT	BLACK	Secure Roof Fixing	info@securefixroofing.co.uk		2	6	2	88	10	Police Notified Aug
	6	15/09/2025	08:22 YM22ZCX	FORD	TRANSIT CUSTOM 28...	GREY	Williams	quotes@williamsplbg.co.uk		0	2	0	14	1	Clerk e-mail ltr 2
	7	23/09/2025	11:44 LN70RFJ	MERCEDES-BENZ	SPRINTER 314 PROG...	YELLOW	DHL pressestelle@dhl.com	ir@dhl.com		0	2	0	16	9	Police Notified Aug
	8	24/09/2025	12:22 RE63VXT	RENAULT	TRAFIC	WHITE	Martin Watts Building & Construct	office@wattsconstructionrm.co.uk		1	4	1	15	2	Police Notified Sept
	9	26/09/2025	09:37 KP25SZC	PEUGEOT	EXPERT PROFESSION...	RED	Royal Mail	customerservice@your.royalmail.com		0	16	0	49	4	Police Notified Aug
	10	28/09/2025	13:15 BT70OAZ	FORD	TRANSIT CUSTOM 30...	WHITE	Golden Hammer Roofing	charlie@goldenhammerroofing.co.uk		0	14	0	115	11	Police Notified Aug

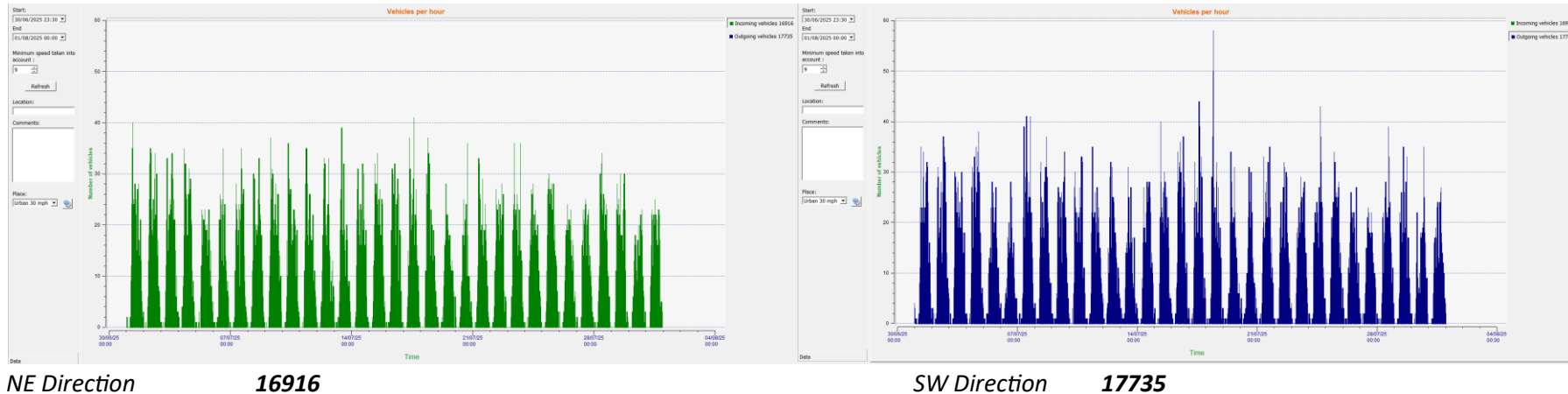
We have received no feedback from the police on whether they took any further action on reported vehicles. *Note: As opposed to Private unmarked vehicles, commercial vehicles with livery are not protected from publication under the GDPR legislation.*

This month 10 Livered Vehicles were detected in Beech, 8 were previously notified to the police.

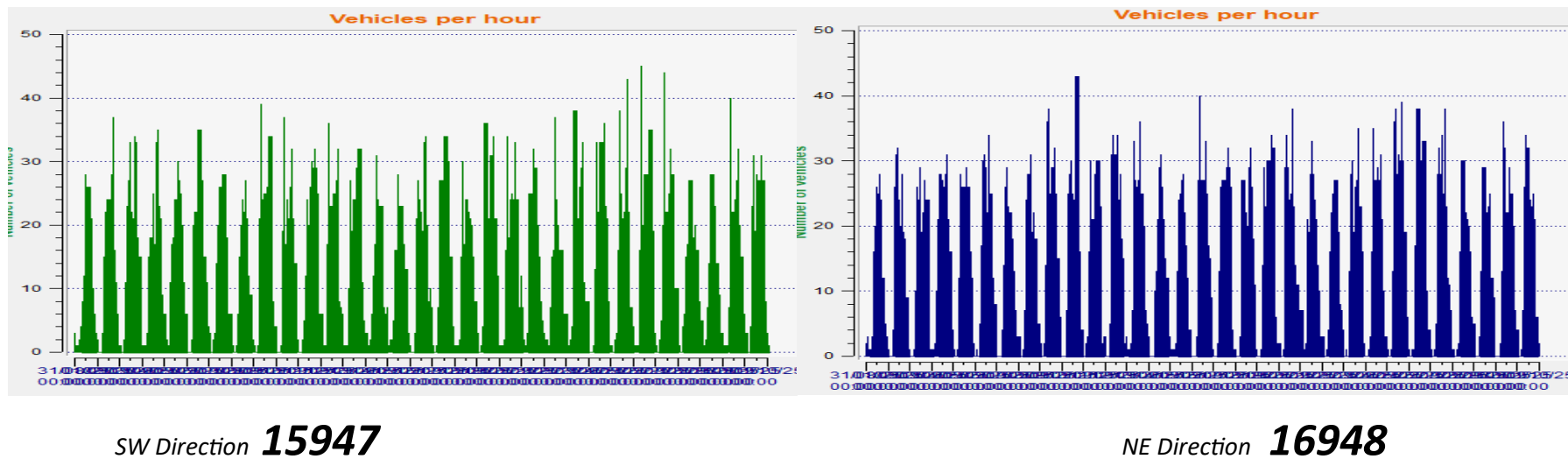
In total the Parish council has written to 68 companies since the scheme was implemented, clearly the letters are having a positive effect on speeding offenses in Beech, as we see relatively few that re-offend.

6. Number of vehicles travelling through Beech between 1st and 31st of September 2025.

Recorded @104 Medstead Rd Mid Village



Recorded @ 41 Medstead Road Village Centre

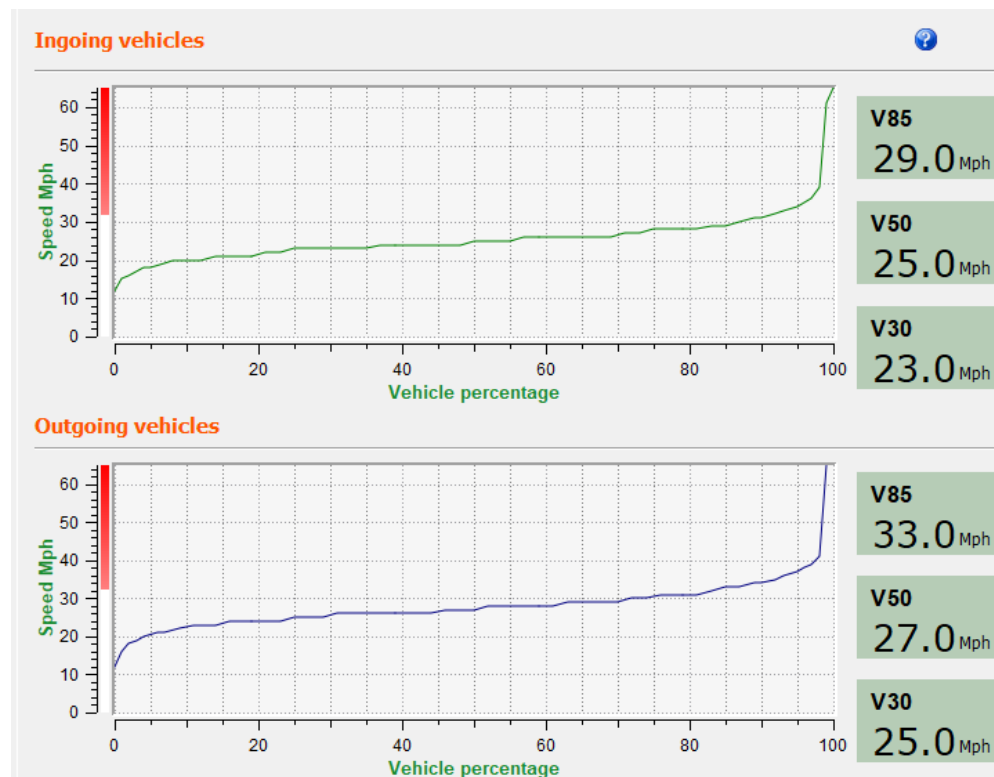


7. Percentile speeds (@104 Medstead Road) September 2025

Clearly the traffic direction managed with the SID and the ASW cameras shows a much better driver behaviour.

V85 means the speed below which 85% of Vehicles are moving, V50 50% of vehicles and V30 30%.

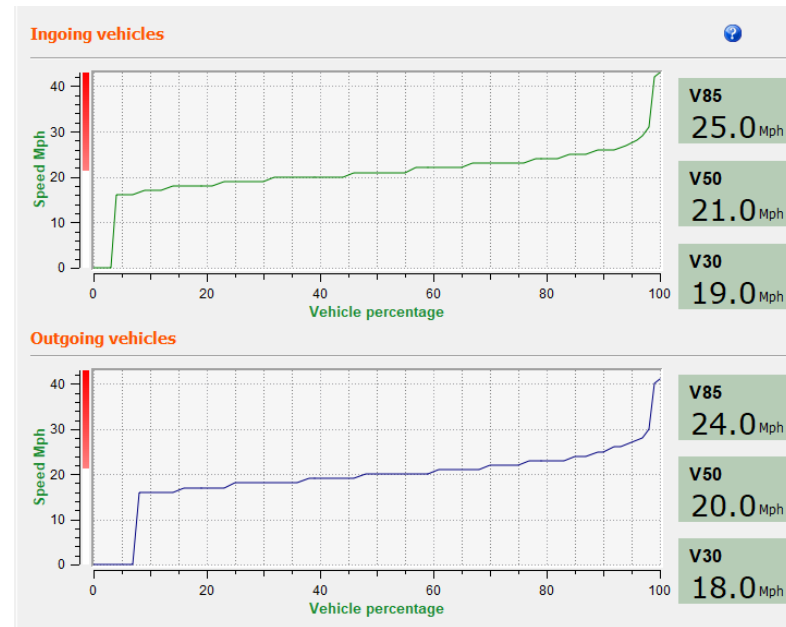
Note the very small number who speed excessively ... consistently this represents around 2% of vehicles.



Incoming vehicles are those moving towards the village centre. The speed limit is the same in both directions for a further 1 mile.

The V85 Percentile speeds were consistent with those reported in July- August

8. Percentile speeds (@ 41Medstead Road - Village Centre) September 2025



The V85 Percentile speed remains below that required to qualify for a 20mph limit.

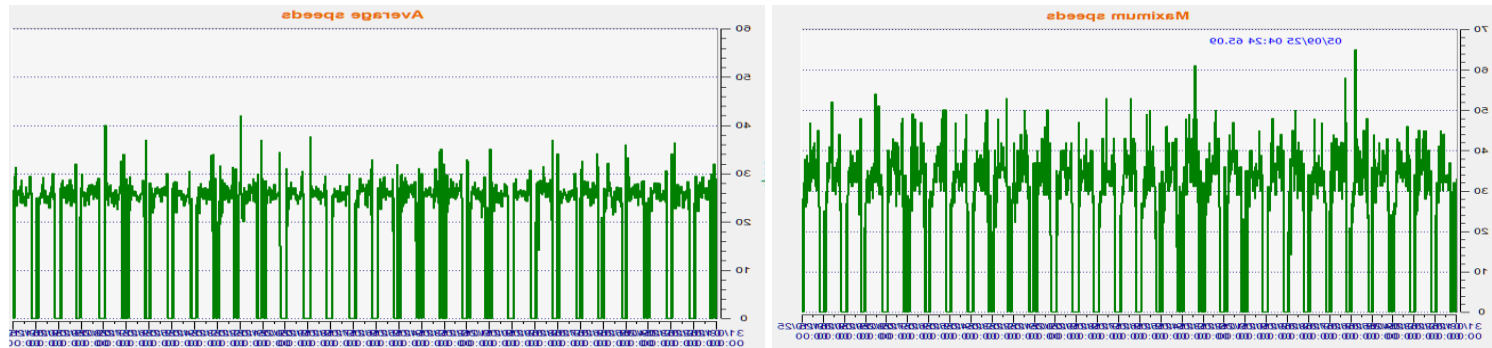
Indeed, Beech have been approved by HCC highways re the implementation of a 20-mph area in the village centre.

We are awaiting a meeting with Highways on how to reduce the cost of the implementation.

9. Averaged and Maximum Speeds as measured by the Speed Indicator Device 2025 September

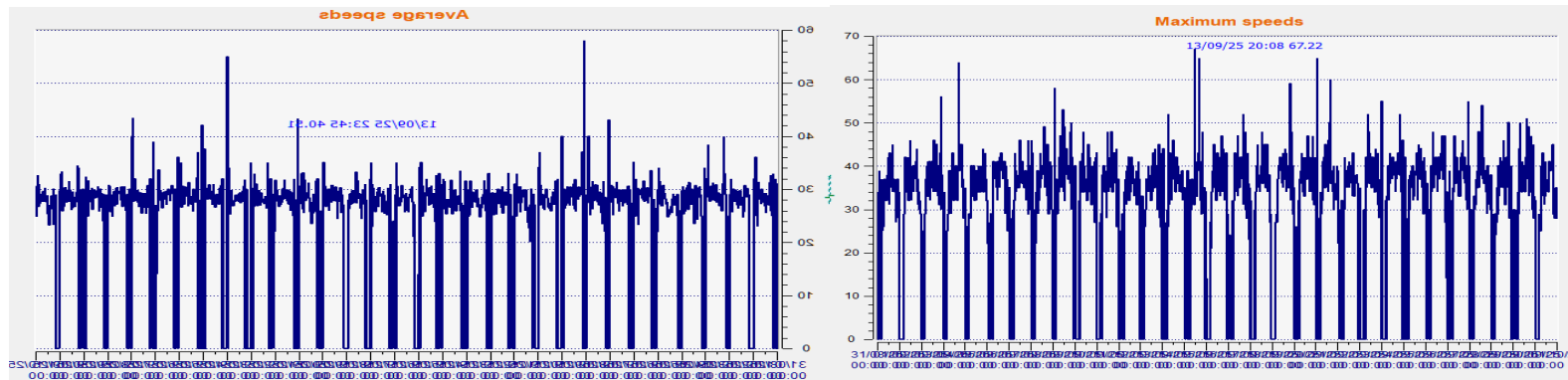
a. Recorded @104 Medstead Rd

NE Bound



The September Averaged speed was 25.85 mph similar to the previous month, and the Maximum was 67.00 mph!

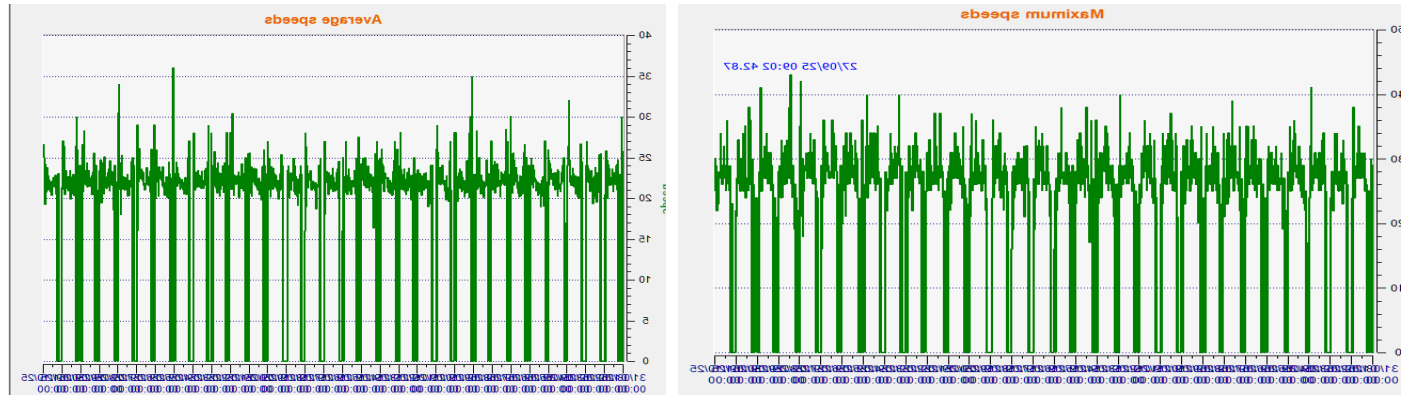
SW Bound



The September Averaged speed was 28.4 mph up 1-mph from the previous month, and the Maximum was 67.00-mph!

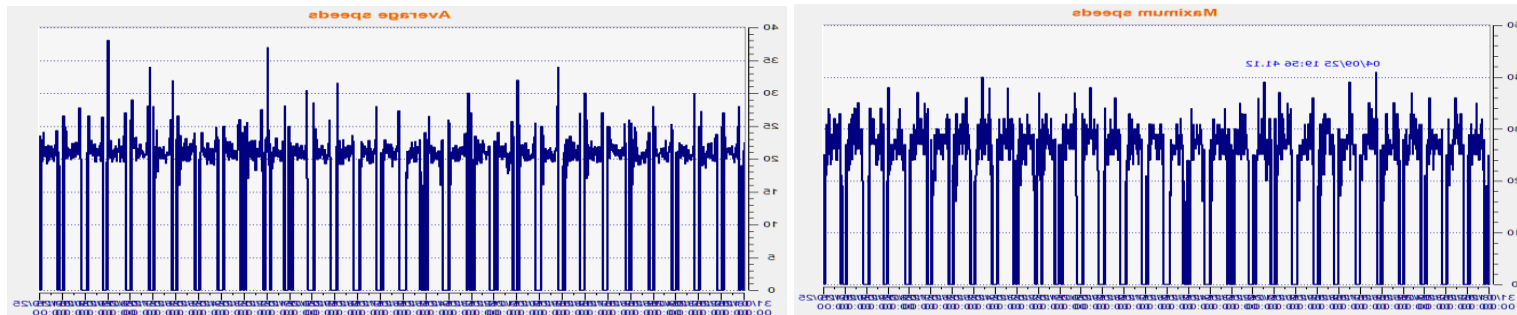
10. Averaged and Maximum Speeds as measured by the Speed Indicator Device September 2025. Recorded @41 Medstead Rd – Village Centre

NE Bound



The September averaged speed was 22.07 mph up by 2mph on the previous month, and the Maximum was 43.00 mph down 2mph from the previous month.

SW Bound



The September Averaged speed was 20.95 mph, up almost 2-mph when compared to the previous month, and the Maximum was 41.00 mph up 1-mph.

11. Worst Average Speed Offenders in the Last 12 Months.

YTD											30/06/2025		
Ranking Last 12 Months	Ranking This Month	V R N	M a k e	Model	Colour	Highest Average Speed	Error Margin (Å±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 01/07/2025
1	1		VOLVO	XC60	WHITE	44.3	1.4	Y	Y	50	48	218	171
2	2		FORD	RANGER	BLUE	43.5	1.6	Y	Y	31	27	223	112
3	3		NISSAN	X-TRAIL	SILVER	41.4	1.3	Y	Y	19	13	110	52
11	4		MERCEDES-BENZ	B-CLASS	SILVER	44.6	1.7	Y	Y	18	10	79	34
6	5		TOYOTA	AURIS	BLUE	39.5	1.4	Y		16	14	169	98
8	6		VOLKSWAGEN	TRANSPORTER	RED	39.8	1.2	Y		13	9	64	33
17	7		NISSAN	JUKE	RED	43.5	1.4	Y	Y	12	9	71	40
13	8		FORD	TRANSIT	BLACK	39.7	1.4	Y		10	8	88	40
25	9		NISSAN	NAVARA	BLACK	40.6	1.4	Y	Y	9	6	77	42
15	10		LAND ROVER	DISCOVERY	GREEN	42.2	1.3	Y	Y	8	2	42	8

Vehicles with the highest Average Speed monitored also are generally also those with high single speed numbers recorded.

12. Worst Single Point Offenders (NE Direction only) 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	DVLA Notes during the last 12 months	Times Seen speeding in the last 12 months	Top Speed
1	1		FORD	RANGER	BLUE	0	224	55
5	2		VOLVO	XC60	WHITE	0	218	54
2	3		TOYOTA	AURIS	BLUE	0	169	63
4	4		VOLVO	XC60	GREY	0	165	52
7	5		LAND ROV	DISCOVERY	GREY	0	147	63
13	6		MINI	COOPER S EXCLUS	GREEN	0	133	52
3	7		VOLKSWA	GOLF	BLACK	0	125	66
18	8		LAND ROV	DISCOVERY SPORT	SILVER	0	125	51
9	9		FORD	TRANSIT CUSTOM	WHITE	0	115	53
14	10		NISSAN	X-TRAIL	SILVER	0	110	56
12	11		FORD	FIESTA	BLACK	0	108	44

The top 10 speedsters detected average, a maximum speed recorded of 56.5mph!
Those that have offended just once, have a maximum average speed recorded of 40.2 mph.

11. Offenders by speed range - 12 months Statistics

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 persistent.**

However, with police help we can address these drivers ...

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		31/10/24	30/11/24	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	30/09/24
19511		<30	162279	157374	153139	147868	147942	140842	157947	161296	158699	162411	161198	156816
		30-35	13761	13605	13020	12617	12189	12078	12291	13748	12796	14388	14445	14935
	290	36-40	3929	3803	3661	3511	3364	3302	3304	3687	3362	3798	3772	3092
	95	41-50	1145	1109	1075	1038	967	937	935	1037	954	1111	1116	1215
	7	>50	99	99	91	87	81	73	68	75	66	75	74	80
94736	1055	Total Vehicles	181213	175990	170986	165121	164543	157232	174545	179843	175877	181783	180605	182108
		>35	5173	5011	4827	4636	4412	4312	4307	4799	4382	4984	4962	4387
20.6%	37.2%	% of Drivers Offending > 35	2.85%	2.85%	2.82%	2.81%	2.68%	2.74%	2.47%	2.67%	2.49%	2.74%	2.75%	2.41%
		Total ASW NE Detected YTD	18631	19258	14115	14115	14115	16799	16062	16062	14170	16901	16901	18904
		Average no per ASW camera NE	6210	6419	4705	4705	4705	5600	5354	5354	4723	5634	5634	6301
		% - ASW Detected	120.05%	132.99%	93.89%	93.89%	93.89%	93.89%	124.31%	111.56%	107.79%	113.04%	113.54%	143.64%

2906 out of 5278 offending vehicles have offended just the once in the last 12 months!

**Roadside Community Speed Watch more likely catches one of the 2906... and therefor
conventual CSW ops likely misses the frequent speedsters that make rural village roads dangerous.**