

Speed Indication Device reports.

Occold now has two SID units. One is sited on Mill Road adjacent to school and captures traffic coming in to the village heading towards the Church. This unit also has the ability to capture traffic heading in the other direction. The second unit is positioned outside the Church, on Church Street capturing traffic heading into the village from the B1077. The units are from different manufacturers and provide reports in different formats. Being mindful that there is a deluge of data available, and there is real danger of graph fatigue, I propose to summarise what data is captured and then focus on different aspects over the next few months. As the data for the new unit develops then a comparison should be possible against the old one in the same position.

Mill Road

Period 01/07/2022 – 31/07/2022

RADARLUX®		Total	%	Number in	%	Number out	%	V85 in	V85 out	V15 in	V15 out	VØ in	VØ out	Vmax in	Vmax out	> Limit in	> Limit out	ADT
Vehicles		27357	100.0	13102	100.0	14255	100.0	30	31	14	14	22	23	61	56	-	-	882

The headline figures are the maximum speeds recorded. On Saturday 9th between 23:35 and 23:39 one driver went through the village at 61 mph and the following morning between 00:29 and 00:29 perhaps the same driver left the village at 56 mph. Eighty five percent of vehicles passed the SID at 30mph, the average speed was circa 22mph. An average of 882 vehicles passed the unit each day.

Period 01/08/2022 – 31/08/2022

RADARLUX®		Total	%	Number in	%	Number out	%	V85 in	V85 out	V15 in	V15 out	VØ in	VØ out	Vmax in	Vmax out	> Limit in	> Limit out	ADT
Vehicles		29745	100.0	14644	100.0	15101	100.0	30	31	18	17	23	23	59	57	-	-	960

August is almost a reprise of July. The maximum speeds of 59 mph heading into the village and 57 mph out are depressing familiar with the biggest difference being the time of day. Sunday 7th between 19:25 and 19:30 inbound and Friday 26th between 20:15 and 20:19 outbound.

For each month close to 30,000 vehicles travelled through the village.

Church Lane.

Period 01/08/2022 – 31/08/2022. This is an incomplete month of data, the 22nd –26th is missing which must be down to operator error.

TRAFFIC ANALYSIS REPORT

For Project: Church Road pointing towards B1077

Projects Notes/Address:

Location/Name: Incoming

Report Generated: 02/09/2022 10:39:56 AM

Speed Intervals = 5 MPH

Time Intervals = Instant

Traffic Report From 01/08/2022 12:00:00 AM through 31/08/2022 11:59:59 PM

85th Percentile Speed = 27.0 MPH

85th Percentile Vehicles = 13,624 counts

Max Speed = 50.0 MPH on 10/08/2022 06:00:00

Total Vehicles =16,028 counts

AADT: 517.0

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		699	633
AM Peak	11:00 to 12:00	48	47
PM Peak	05:00 to 06:00	73	62

Speed

Speed Limit: 20 MPH

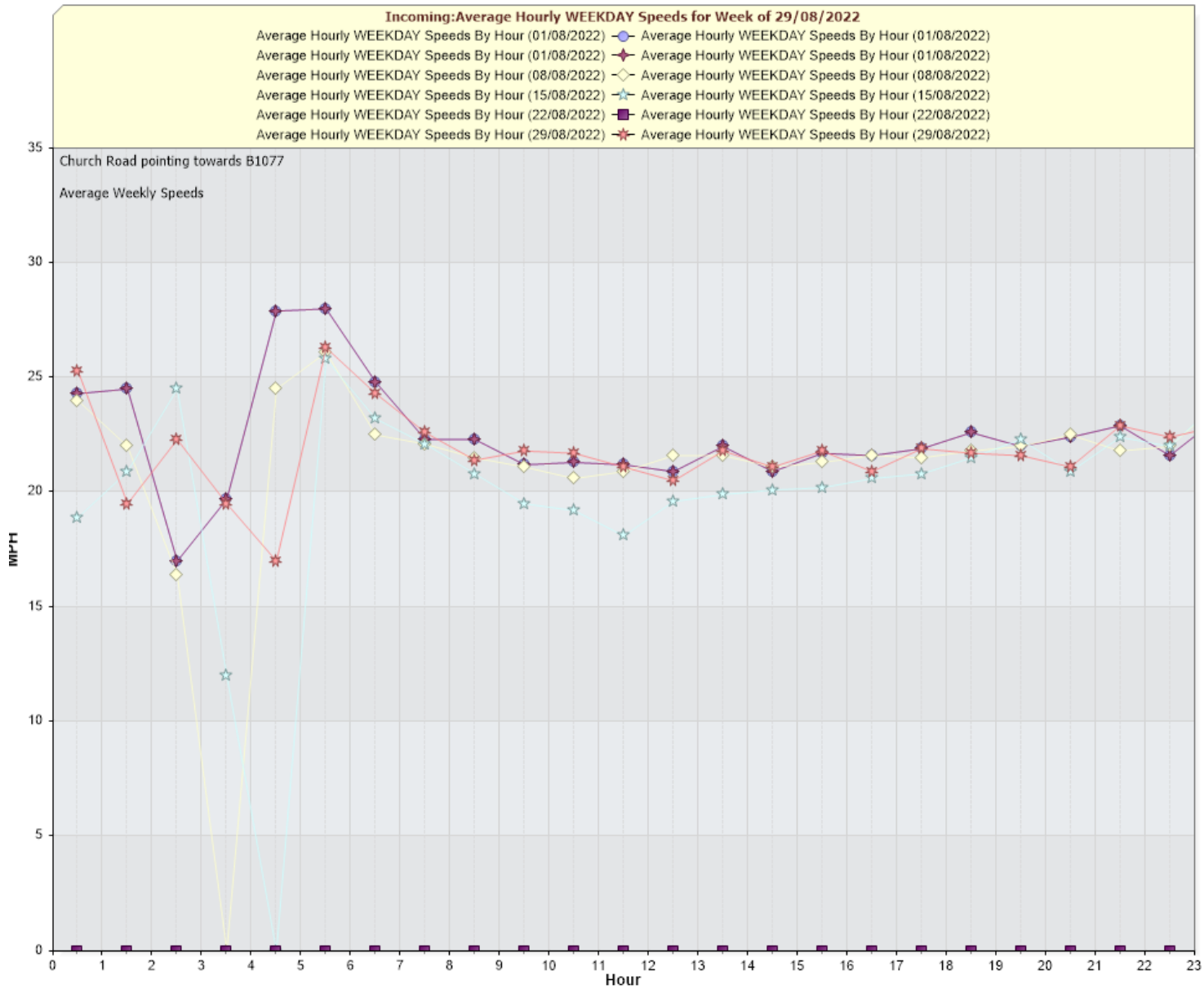
85th Percentile Speed: 27.0 MPH

50th Percentile Speed: 21.6 MPH

10 MPH Pace Interval: 15.0 MPH to 25.0 MPH

Average Speed: 21.6 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1969	1976	1750	1181	1175	1201	904
% over limit	63.2	64.2	65.8	62.8	59.6	59.7	69.2
Avg Speeder	24.5	24.7	24.7	24.4	24.6	24.6	24.8



This graph for the month is interesting as it is a visual representation of traffic volumes to the speed limit.