

Speed Indication Device reports.

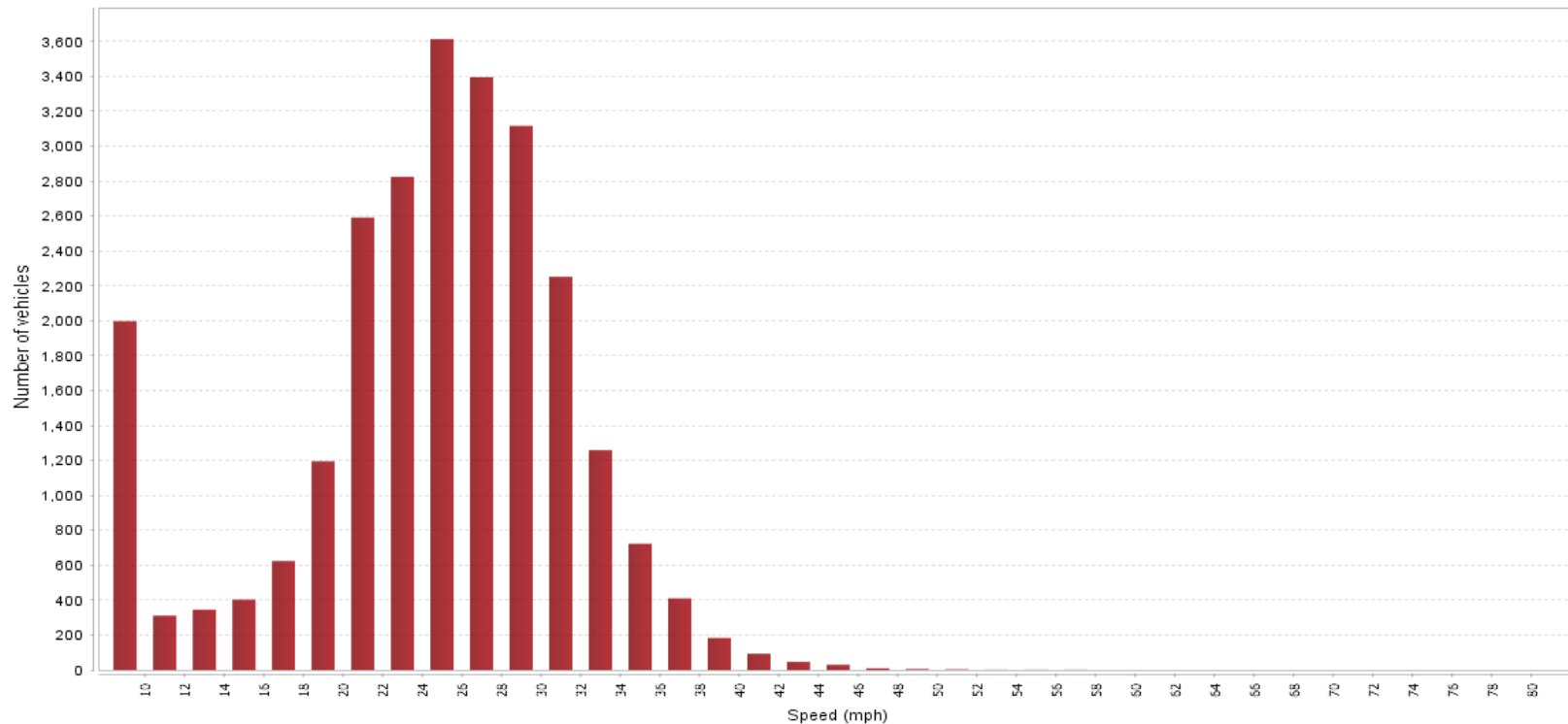
Occold now has two SID units. One is sited on Mill Road adjacent to school and captures traffic coming in to the village heading towards the Church. This unit also has the ability to capture traffic heading in the other direction. The second unit is positioned outside the Church on Church Street capturing 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 01/09/2022 – 29/09/2022.

Location: School pointing South

Velocity Histogram -- Period of analysis : Thu 1. Sep 2022, 00:00 o'clock -till- Thu 29. Sep 2022, 23:59 o'clock



RADARLUX®		Total	%	Number in	%	Number out	%	V85 in	V85 out	V15 in	V15 out	V0 in	V0 out	Vmax in	Vmax out	> Limit in	> Limit out	ADT
Vehicles		25430	100.0	12119	100.0	13311	100.0	30	31	18	17	23	23	51	57	-	-	877

Activity this month was down on both July and August with 25430 vehicles recorded as against just over 27k and almost 30k for July and August respectively. Top speed was 51 mph (at 15:00 on 15/09), heading out of the village and 57mph (at 20:29 on 20/09) heading towards the Church. The distribution of speeds etc remains resolutely the same with 85% of vehicles passing the unit at 30/31 mph. The graph above is showing activity for both directions of travel.

Church Lane.

Period 01/09/2022 – 29/09/2022.

The new SID outside the Church produces a useful summary of activity which is below. It is worth noting that 85% of vehicles pass the unit at 27mph, a few mph less than Mill Road.

TRAFFIC ANALYSIS REPORT

For Project: Church Road pointing towards B1077

Projects Notes/Address:

Location/Name: Incoming

Report Generated: 29/09/2022 10:27:17 AM

Speed Intervals = 5 MPH

Time Intervals = Instant

Traffic Report From 01/09/2022 12:00:00 AM through 29/09/2022 09:59:59 AM

85th Percentile Speed = 27.0 MPH

85th Percentile Vehicles = 15,981 counts

Max Speed = 50.0 MPH on 19/09/2022 01:05:00

Total Vehicles =18,801 counts

AADT: 661.6

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		705	645
AM Peak	08:00 to 09:00	65	51
PM Peak	05:00 to 06:00	78	66

Speed

Speed Limit: 20 MPH

85th Percentile Speed: 27.0 MPH
50th Percentile Speed: 21.7 MPH
10 MPH Pace Interval: 15.0 MPH to 25.0 MPH
Average Speed: 21.7 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1507	1829	1808	2328	1967	1468	1170
% over limit	62.0	63.9	62.3	64.3	65.1	65.4	68.1
Avg Speeder	24.5	24.5	24.4	24.5	24.6	24.8	24.9

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29/09/2022