

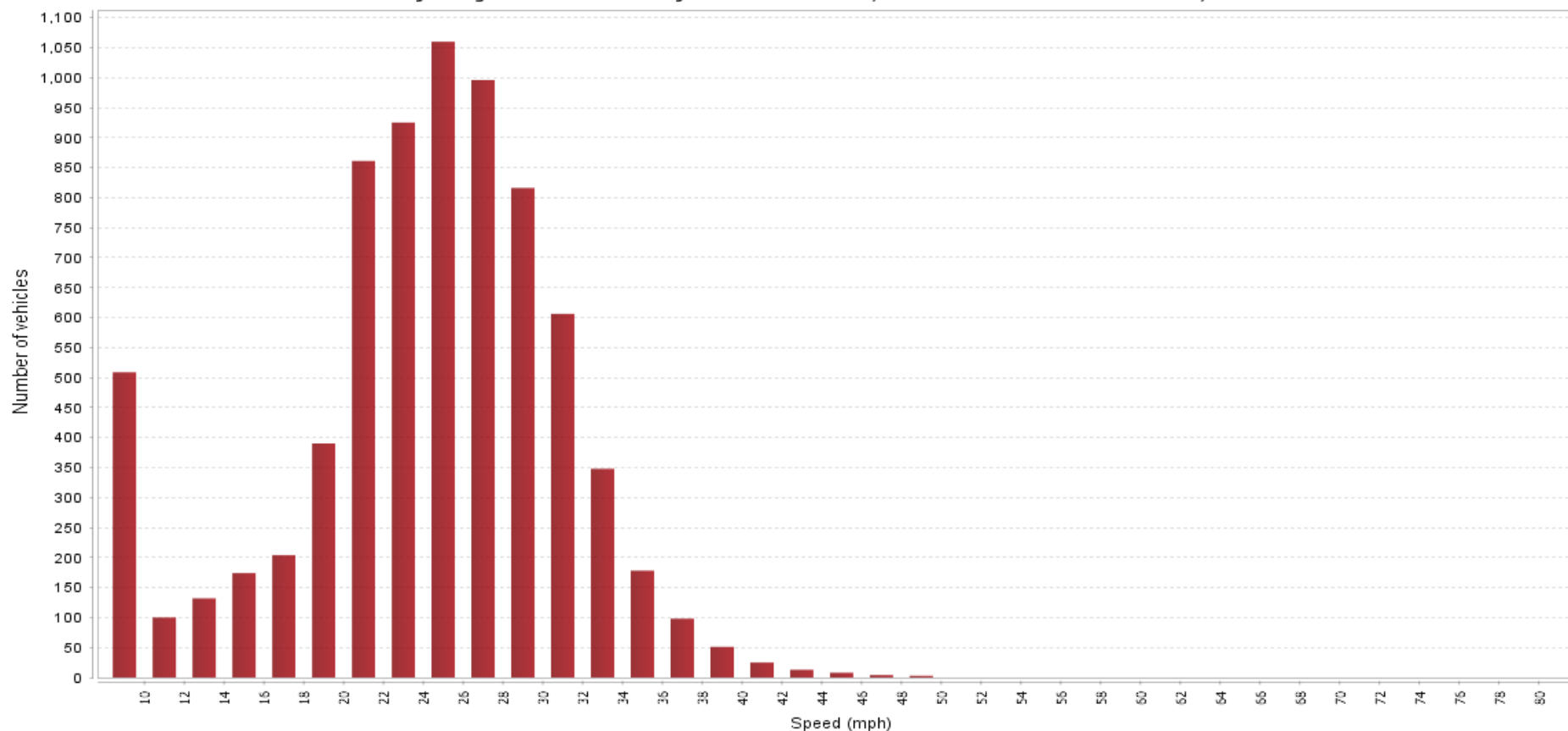
Speed Indication Devices.

Mill Road adjacent to school (approximately 40m from the school exit), traffic heading North towards Church.

Period 01/011/2022 – 30/11/2022

Location: School pointing South

Velocity Histogram -- Period of analysis : Tue 1. Nov 2022, 00:00 o'clock -till- Sat 19. Nov 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		7501	100.0	3729	100.0	3772	100.0	30	31	17	18	23	23	49	46	-	-	395

There were issues with the SID this month. It seemed reluctant to download the data and the data that was available was incomplete, not all days were recorded. Looking at the data that is available it follows the model established over previous months with the exception that the highest speeds recorded were 48mph (inbound on Tuesday 8th at 06:05) and 46mph (outbound on Thursday 3rd at 04:00 and again on Tuesday 8th at 07:14).

Here is the report from the SID by the Church.

TRAFFIC ANALYSIS REPORT

For Project: Church Road pointing towards B1077

Projects Notes/Address:

Location/Name: Incoming

Report Generated: 02/12/2022 10:28:44 AM

Speed Intervals = 5 MPH

Time Intervals = Instant

Traffic Report From 01/11/2022 12:00:00 AM through 30/11/2022 11:59:59 PM

85th Percentile Speed = 26.6 MPH

85th Percentile Vehicles = 17,684 counts

Max Speed = 50.0 MPH on 12/11/2022 19:25:00

Total Vehicles =20,805 counts

AADT: 693.5

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		753	685
AM Peak	08:00 to 09:00	68	54
PM Peak	03:00 to 04:00	72	64

Speed

Speed Limit: 20 MPH

85th Percentile Speed: 26.6 MPH

50th Percentile Speed: 21.5 MPH

10 MPH Pace Interval: 15.0 MPH to 25.0 MPH

Average Speed: 21.5 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1669	2715	2284	1875	1803	1531	1134
% over limit	60.1	62.7	62.3	62.6	62.0	63.0	66.9
Avg Speeder	24.3	24.3	24.5	24.4	24.5	24.4	25.0

When comparing data from the two units 85% of vehicles passing the new SID are travelling 4 or 5mph slower than the “school” unit. It is possible that this can be attributed to drivers being advised of the actual speed limit as they approach it. The average speed recorded is slightly lower too. The top speed recorded is 50mph which has been the case for the several months, the upper speed limit set for the unit is 100mph.

I propose that the units are rotated in January after the Suffolk Speed Partnership load period has finished.

Andrew Duggett

02/12/2022