

# Carlton Parish Council Speed Indicator Device (SID): interim report

## Nailstone Road, street lighting column 4, southbound vehicles, 14<sup>th</sup> March to 13<sup>th</sup> April 2023

Location/Name: Incoming  
Report Generated: 13/04/2023 10:45:35am  
Speed Intervals = 5 MPH  
Time Intervals = Instant

### Traffic Report From 14/03/2023 10:00:00 am through 13/04/2023 09:59:59 am

85th Percentile Speed = 36.9 MPH  
85th Percentile Vehicles = 19,384 counts  
Max Speed = 55.0 MPH on 14/03/2023 12:15:00  
Total Vehicles = 22,805 counts  
AADT: 760.2

### Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		793	732
AM Peak	07:00 to 08:00	92	73
PM Peak	04:00 to 05:00	74	63

### Speed

Speed Limit: 30 MPH  
85th Percentile Speed: 36.9 MPH  
50th Percentile Speed: 31.3 MPH  
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
Average Speed: 30.8 MPH

	Mon	Tues	Wed	Thur	Fri	Sat	Sun
Count over limit	1853	2416	2368	2367	2128	1477	1084
% over limit	61.3	61.2	61.5	63.7	58.3	56.8	53.6
Avg Speeder	34.7	34.8	34.5	34.7	34.7	34.6	34.8
Avg Speed	17.4	17.3	15.8	16.2	16.0	19.5	20.0

## Storm episodes

There were two minor storm episodes:

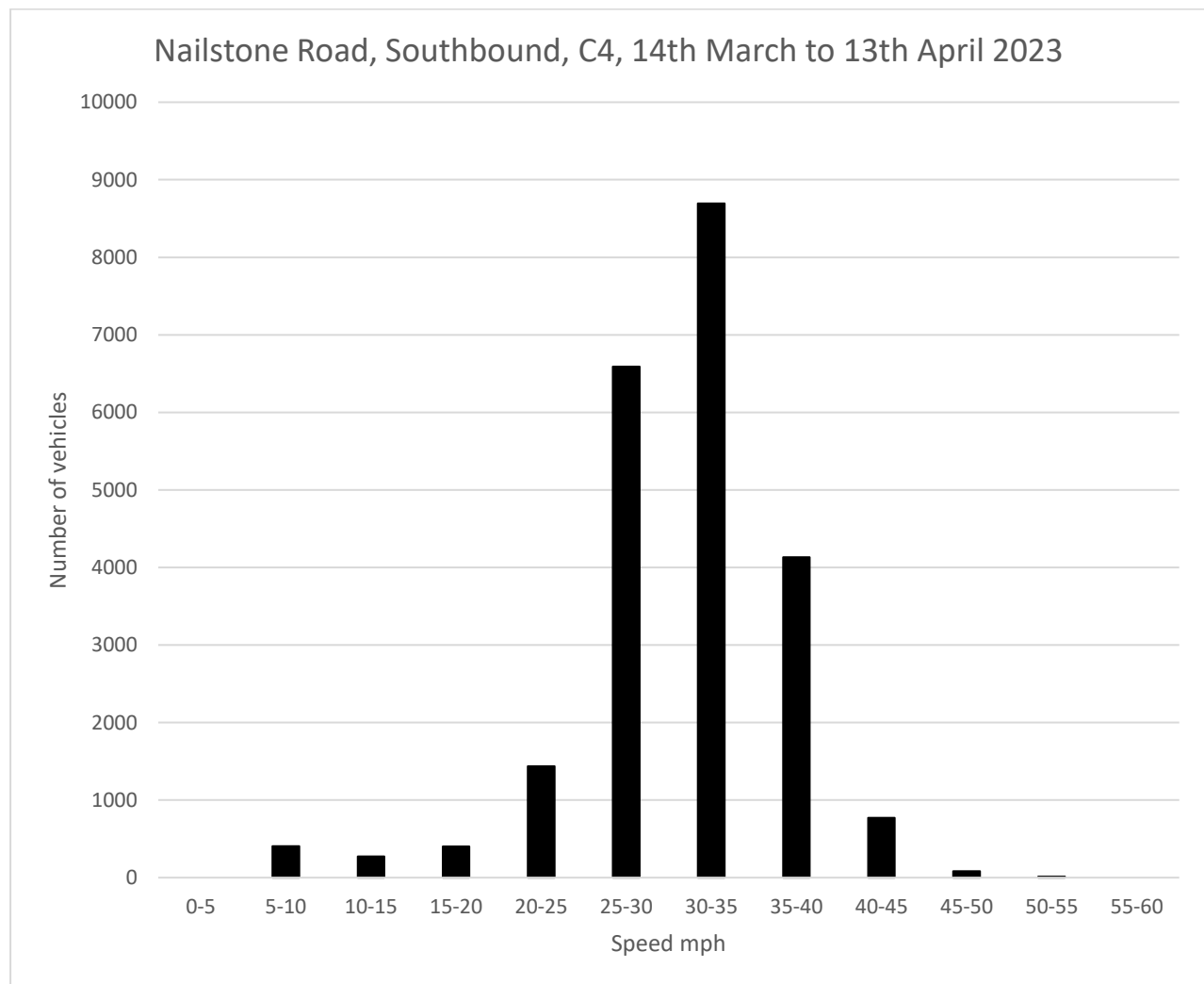
Date	Time	Number of false counts
26.3.2023	0520-0540	120
31.3.2023	1250-1335	80

The data have not been edited. The effect of these false counts is to create a false peak of 407 vehicles at 5-10 mph, which is shown in the chart below.

## Vehicle counts

Speed	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60
Count	0	407	273	403	1438	6591	8694	4131	770	84	14	0

## Chart



C J Peat

13<sup>th</sup> April 2023