

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

Nailstone Road, street lighting column 4, Northbound vehicles
20th January to 27th February 2026

For Project: 2026 Nailstone Rd C4 NBd
Location/Name: Incoming
Report Generated: 03/03/2026 10:44:44
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report From 20/01/2026 17:00:00 through 27/02/2026 09:59:59

85th Percentile Speed = 33.1 MPH
85th Percentile Vehicles = 29,920 counts
Max Speed = 55.0 MPH on 06/02/2026 23:20:00
Total Vehicles = 35,200 counts
AADT: 933.5

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		943	897
AM Peak	09:00 to 10:00	114	89
PM Peak	16:00 to 17:00	116	101

Speed

Speed Limit: 30 MPH
85th Percentile Speed: 33.1 MPH
50th Percentile Speed: 27.3 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 25.3 MPH

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Count over limit	1572	1547	2084	1860	1636	902	795
% over limit	33.7	29.2	33.5	28.6	34.8	24.5	19.2
Avg Speeder	33.6	33.6	33.6	33.6	33.6	33.7	33.8
Avg Speed	13.3	12.8	12.9	12.0	13.8	13.6	10.8

Storm episodes

There were 13 significant storm episodes in this data set:

Date	Time	Number of false counts
21.1.2026	1515-1605	197
27.1	0535-0950	363
31.1	1540-1640	330
7.2	1855-2000	143
	2110-2235	191
8.2	1750-1910	226
9.2	0630-0830	262
15.2	0820-1255	1385
20.2	1145-1335	116
21.2	1650-1800	110
22.2	0220-0250	139
26.2	1620-1745	412
	<u>2105-2240</u>	<u>468</u>
TOTAL		4342

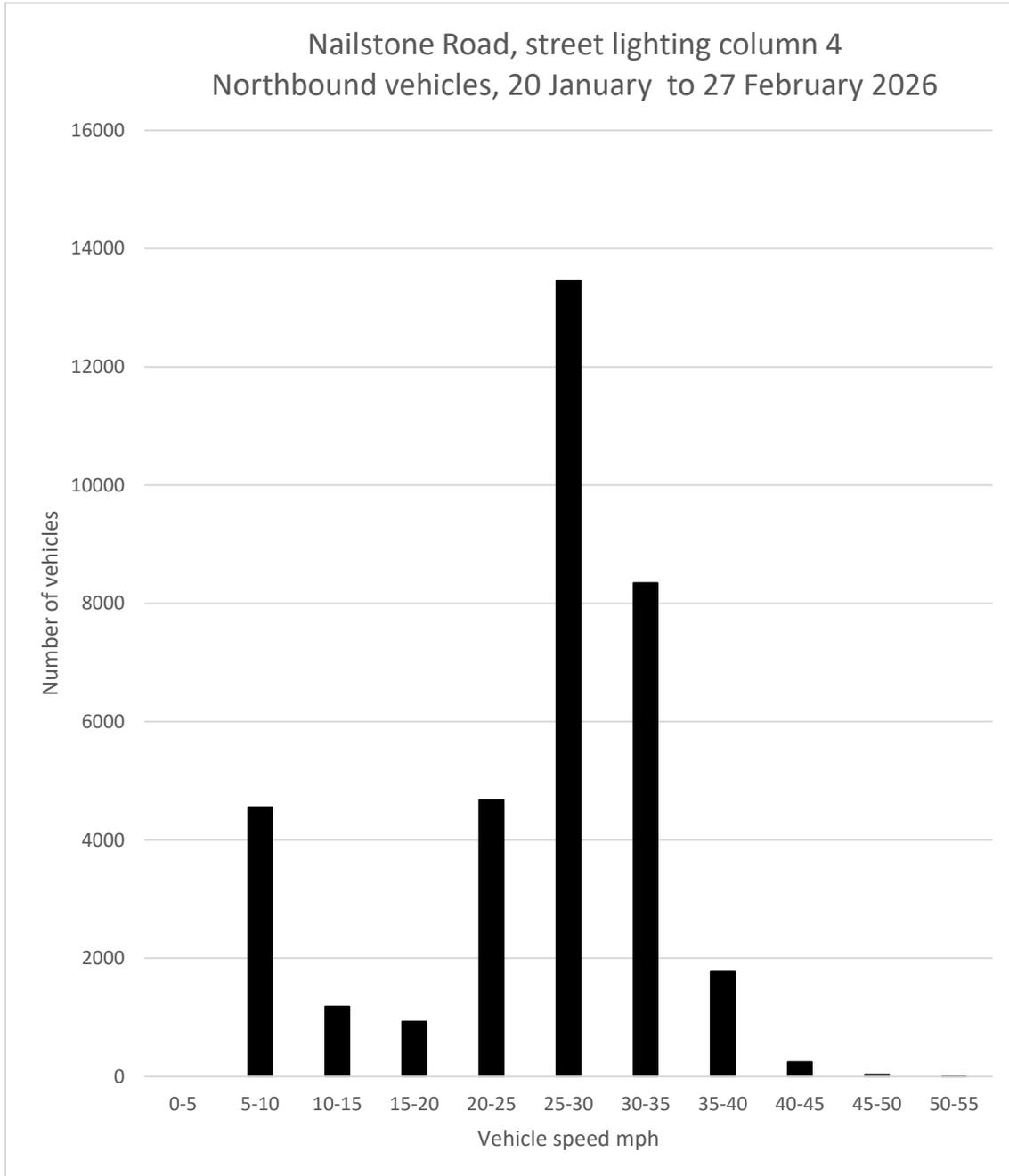
These false counts explain the anomalously high vehicle counts for 5-10 and 10-15 mph in the table below and shown in the chart.

The vehicle counts and number of vehicles tabulated above are artificially high, and the average speed and 85th percentile speed figures tabulated above are all artificially low.

Chart data

Speed mph	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40
No of vehicles	0	4554	1185	929	4676	13460	8345	1771
Speed mph	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80
No of vehicles	244	33	3	0	0	0	0	0

Chart



C J Peat
3 March 2026