

Carlton Parish Council

Speed Indicator Device (SID): interim report

Nailstone Road, street lighting column 4, southbound vehicles, 28th November to 17th December 2023

For Project: 2023 Nailstone Rd C4 SBd
Location/Name: Incoming
Report Generated: 17/12/2023 10:52:16
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report From 28/11/2023 11:00:00 through 17/12/2023 10:59:59

85th Percentile Speed = 34.4 MPH
85th Percentile Vehicles = 14,965 counts
Max Speed = 55.0 MPH on 30/11/2023 12:25:00
Total Vehicles =17,606 counts
AADT: 926.6

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,088	910
AM Peak	08:00 to 09:00	163	123
PM Peak	15:00 to 16:00	82	73

Speed

Speed Limit: 30 MPH
85th Percentile Speed: 34.4 MPH
50th Percentile Speed: 29.2 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 27.9 MPH

	Mon	Tues	Wed	Thur	Fri	Sat	Sun
Count over limit	914	1105	1451	1403	1444	924	508
% over limit	30.0	44.3	45.1	46.3	47.8	53.1	48.2
Avg Speeder	33.8	34.0	33.9	33.9	34.0	34.4	33.9
Avg Speed	9.0	14.1	13.9	14.2	14.6	19.8	18.6

Storm episodes

There were several minor storm episodes, and three major ones:

Date	Time	Number of false counts
4.12.2023	0125-0605	810
	0640-0810	186
12.12.2023	1815-1910	82

The data have not been edited. The effect of these false counts is to create a false peak of 1445 vehicles in the 5-10 mph range in the table and 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	1445	216	314	1641	6241	5740	1733	251	21	4	0

Chart

