

Carlton Parish Council

Speed Indicator Device (SID): interim report

Bosworth Road, street lighting column, northbound vehicles, 13th December 2022 to 9th January 2023

For Project: 2023 Bosworth Rd Nbd
Location/Name: Incoming
Report Generated: 10/01/2023 12:35:18 PM
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report from 13/12/2022 11:00:00 am through 09/01/2023 07:59:59 am

85th Percentile Speed = 41.4 MPH
85th Percentile Vehicles = 19,232 counts
Max Speed = 75.0 MPH on 24/12/2022 22:10:00
Total Vehicles =22,626 counts
AADT: 841.9

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		812	807
AM Peak	11:00 to 12:00	76	71
PM Peak	03:00 to 04:00	83	97

Speed

Speed Limit: 30 MPH
85th Percentile Speed: 41.4 MPH
50th Percentile Speed: 32.3 MPH
10 MPH Pace Interval: 30.0 MPH to 40.0 MPH
Average Speed: 29.3 MPH

	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Count over limit	1205	1929	2371	2453	2533	1880	1234
% over limit	66.2	65.1	72.4	76.4	50.8	66.5	34.8
Avg Speeder	38.0	37.8	37.8	37.9	37.7	38.2	38.5

Storm episodes

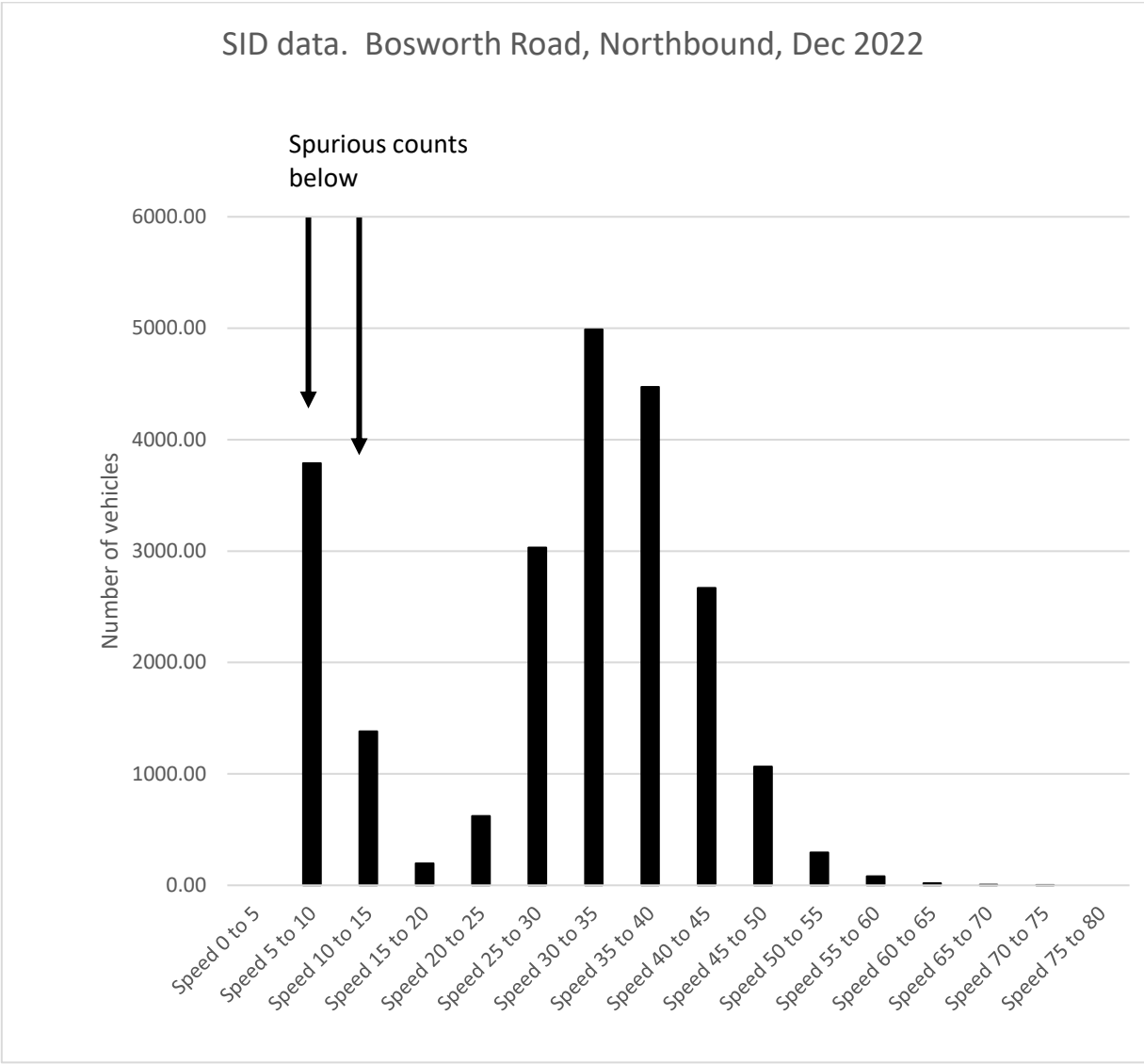
There were numerous short storm episodes involving less than 100 counts in this data set. More significant storm episodes were:

Date	Time	Counts
18.12.2022	1500-1725	1663
18.12.22	2340-0055	275
23.12.22	0750-1215	1544
27.12.22	1750-1910	307

These spurious count will have reduced the 85th and 50th percentile speeds.

Chart

All of the data have been plotted on the chart below. The two peaks at 5-10 and 10-15 mph represent spurious counts and should be ignored. The majority of vehicles approaching the SID were traveling at less than 50 mph.



C J Peat
10th January 2023