

Carlton Parish Council

Speed Indicator Device (SID): Interim report

**Barton Road, street lighting column 4, northbound vehicles
22nd January to 17th February 2025**

For Project: 2025 Barton Rd C4 NBd
Location/Name: Incoming
Report Generated: 17/02/2025 14:33:08
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report from 22/01/2025 13:00:00 through 17/02/2025 15:59:59

85th Percentile Speed = 29.6 MPH
85th Percentile Vehicles = 19,749 counts*
Max Speed = 55.0 MPH on 28/01/2025 01:25:00
Total Vehicles = 23,234 counts
AADT: 889.3

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		991	857
AM Peak	09:00 to 10:00	108	82
PM Peak	17:00 to 18:00	114	96

Speed

Speed Limit: 30 MPH
85th Percentile Speed: 29.6 MPH
50th Percentile Speed: 21.7 MPH
10 MPH Pace Interval: 20.0 MPH to 30.0 MPH
Average Speed: 21.0 MPH

	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Count over limit	380	402	494	608	577	372	284
% over limit	9.5	17.1	14.3	15.0	11.1	17.3	13.9
Avg Speeder	33.7	33.7	33.7	33.6	33.6	33.8	33.8
Avg Speed	8.0	13.5	12.7	11.8	9.4	16.4	12.7

Storm episodes

There were seven major storm episodes in this data set as listed below, plus minor flurries totalling 252 false counts. These false counts are responsible for the high counts for speeds of 5-10 and 10-15 mph.

Date	Time	Number of false counts
23.1.2025	1010-1030	168
24.1.2025	0320-0550	542
26.1.2025	1340-1630	417
26.1.2025	2300-0010	165
27.1.2025	0105-0300	889
27.1.2025	2135-2205	816
31.1.2025	0245-0435	801
Total		3798

- The total number of false counts is at least 4040, meaning that the total number of vehicles was less than 19,184.

Chart

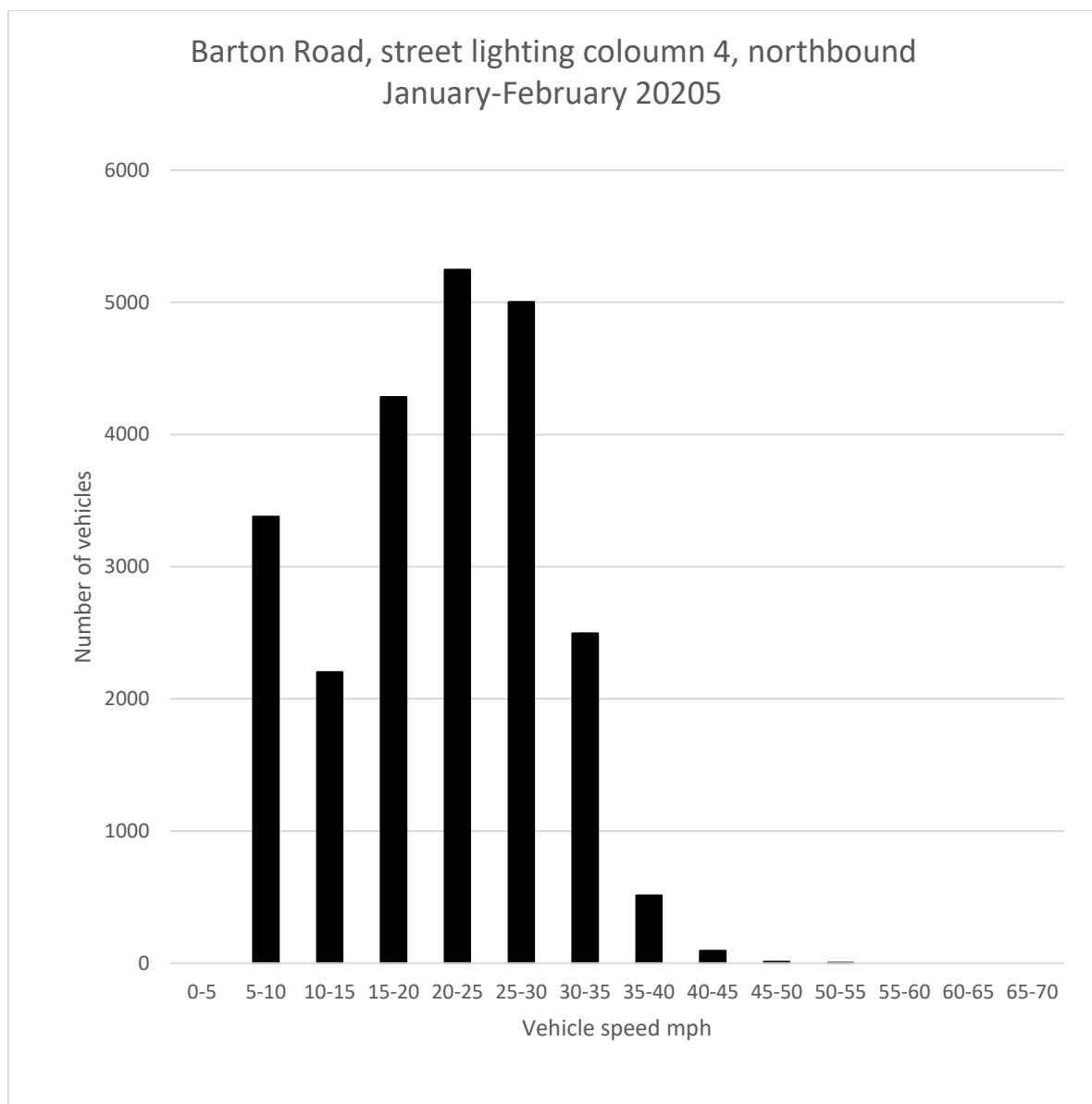


Chart data

Speed mph	0-5	5-10	10-15	15-20	20-25	2-30	30-35	35-40
No of vehicles	0	3378	2203	4284	5248	5004	2496	514

Speed mph	40-45	45-50	50-55	55-60	60-65	65-70	70-75
No of vehicles	95	11	1	0	0	0	0

Comparison of speed of northbound vehicles on Bosworth Road and Barton Road

The data for Barton Road are as above; the data for Bosworth Road are from the previous report – Bosworth Road, Northbound, street lighting column 6, December 2024 – January 2025.

