

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

Barton Road, street lighting column 4, southbound vehicles, 13th April to 6th June 2023

Report Generated: 06/06/2023 03:22:14 PM

Speed Intervals = 5 MPH

Time Intervals = Instant

Traffic Report from 13/04/2023 10:00:00 am through 06/06/2023 01:59:59 pm

85th Percentile Speed = 36.7 MPH

85th Percentile Vehicles = 10,451 counts

Max Speed = 60.0 MPH on 17/04/2023 08:50:00

Total Vehicles = 12,295 counts

AADT: 227.0

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		405	394
AM Peak	07:00 to 08:00	71	56
PM Peak	04:00 to 05:00	37	35

Speed

Speed Limit: 30 MPH

85th Percentile Speed: 36.7 MPH

50th Percentile Speed: 29.0 MPH

10 MPH Pace Interval: 25.0 MPH to 35.0 MPH

Average Speed: 26.7 MPH

	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Count over limit	663	913	919	993	928	581	555
% over limit	51.9	53.5	50.1	52.3	35.1	43.9	34.5
Avg Speeder	35.6	35.7	35.8	35.5	35.4	34.9	35.3
Avg Speed	23.2	21.1	20.4	21.5	15.0	22.2	17.2

Storm episodes

There were four significant storm episodes in this data set:

14.4.2023	1510-1805	352
21.4.2023	0440-0535	112
	0715-0815	376
23.4.2023	1420-1530	248

Vehicle counts

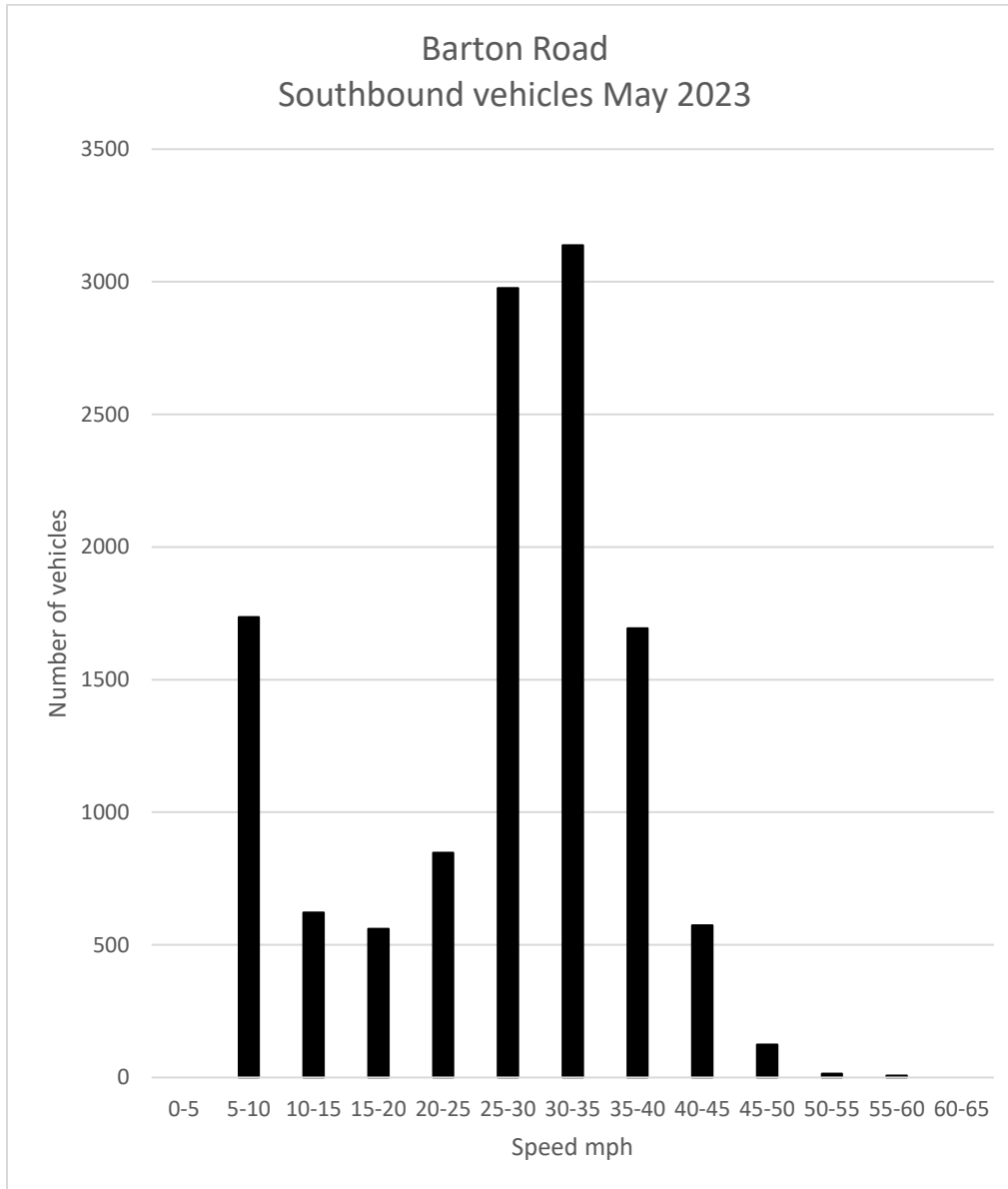
Speed

0-5 5-10 10-15 15-20 20-25 25-30 30-35 35-40 40-45 45-50 50-55 55-60 60-65

Count

0 1736 622 561 848 2976 3138 1694 574 124 15 7 0

Chart



The counts in the 5-10 and 10-15mph ranges include spurious counts from storm episodes.

C J Peat
7th June 2023