

Carlton Parish Council

Speed Indicator Device (SID): Interim report

**Barton Road, street lighting column 4, northbound vehicles
9th April to 8th May 2026**

For Project: 2026 Barton Rd C4 NBd
Location/Name: Incoming
Report Generated: 08/05/2026 14:21:46
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report from 09/04/2026 11:00:00 through 08/05/2026 13:59:59

85th Percentile Speed = 32.2 MPH
85th Percentile Vehicles = 15,778 counts
Max Speed = 60.0 MPH on 27/04/2026 15:10:00
Total Vehicles = 18,562 counts
AADT: 637.3

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		696	617
AM Peak	08:00 to 09:00	80	63
PM Peak	16:00 to 17:00	93	75

Speed

Speed Limit: 30 MPH
85th Percentile Speed: 32.2 MPH
50th Percentile Speed: 24.6 MPH
10 MPH Pace Interval: 20.0 MPH to 30.0 MPH
Average Speed: 24.0 MPH

	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Count over limit	643	671	688	797	618	370	324
% over limit	27.6	22.7	19.0	24.4	20.4	19.9	21.6
Avg Speeder	34.2	34.2	34.3	34.2	34.2	34.6	34.3
Avg Speed	17.2	14.8	12.8	15.8	15.6	17.7	18.5

Storm episodes

There were three significant storm episodes in this data set as listed below. These false counts are responsible for the high counts for speeds of 5-10 and 10-15 mph.

Date	Time	Number of false counts
14.4.2026	2205-0115	322
15.4.2026	1505-1545	351
15.4.2026	1715-1745	170
Total		843

Chart data

Speed mph	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40
No of vehicles	0	1146	1251	3154	4066	4834	2955	928

Speed mph	40-45	45-50	50-55	55-60	60-65	65-70	70-75
No of vehicles	177	43	7	1	0	0	0

Chart

