

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

Bosworth Road, street lighting column 6, northbound vehicles, 17th December 2023 to 24th January 2024

For Project: 2024 Bosworth Rd C6 NBd
Location/Name: Incoming
Report Generated: 24/01/2024 10:48:27
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report From 17/12/2023 11:00:00 through 24/01/2024 10:59:59

85th Percentile Speed = 39.9 MPH
85th Percentile Vehicles = 23,264 counts
Max Speed = 80.0 MPH on 27/12/2023 21:00:00
Total Vehicles =27,369 counts
AADT: 720.2

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,055	960
AM Peak	04:00 to 05:00	173	73
PM Peak	12:00 to 13:00	93	84

Speed

Speed Limit: 30 MPH
85th Percentile Speed: 39.9 MPH
50th Percentile Speed: 28.0 MPH
10 MPH Pace Interval: 5.0 MPH to 15.0 MPH
Average Speed: 24.7 MPH

	Mon	Tues	Wed	Thur	Fri	Sat	Sun
Count over limit	1601	1980	2211	2176	1961	1216	1366
% over limit	28.1	44.9	31.7	75.6	77.0	42.9	67.5
Avg Speeder	38.0	37.9	38.1	38.2	38.3	38.3	38.1
Avg Speed	9.1	13.2	9.5	22.6	23.1	14.8	23.0

Storm episodes

There were 8 significant storm episodes during the survey period, as tabulated below. The false counts generated account for the high numbers of counts in the 5-10 and 10-15 mph ranges in the table and chart below.

Date	Time	Number of false counts
26.12.23	2350-0105	326
27.12.23	0215-0945	2999
	1225-1330	543
30.12.23	1900-1950	189
	2045-2320	808
31.12.23	0430-0550	127
1.1.24	1605-2245	3574
2.1.24	0910-1415	1704

Chart

Speed	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45
Count	0	7578	3457	388	546	2889	4379	4149	2589

Speed	45-50	50-55	55-60	60-65	65-70	70-75	75-80
Count	973	309	95	11	2	3	1

