

Carlton Parish Council

Speed Indicator Device (SID): interim report

a) Bosworth Road, street lighting column 6, southbound vehicles 3rd August to 31st August 2020: complete data set

For Project: 2020 Bosworth Rd C6 Sbd
Location/Name: Incoming
Report Generated: 31/08/2020 05:49:32 PM
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report from 03/08/2020 11:00:00 am through 31/08/2020 09:59:59 pm

85th Percentile Speed = 40.1 MPH
85th Percentile Vehicles = 18,006 counts
Max Speed = 70.0 MPH on 07/08/2020 06:50:00
Total Vehicles = 21,183 counts
AADT: 757.7

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		744	738
AM peak	09:00 to 10:00	53	55
PM peak	12:00 to 01:00	60	59

Speed

Speed limit: 30 MPH
85th Percentile Speed: 40.1 MPH
50th Percentile Speed: 32.6 MPH
10 MPH Pace Interval: 30.0 MPH to 40.0 MPH
Average Speed: 30.4 MPH

	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Count over limit	1761	2008	2202	2217	2231	1728	1458
% over limit	71.7	73.5	76.5	70.0	53.7	69.1	44.2
Avg speeder	36.9	37.1	37.1	37.0	37.1	37.1	37.0

Storm episodes

There were eight significant storm episodes on three days:

Date	Time	No of spurious counts
13/8	1225-1330	269
16/8	0550-0655	337
	1345-1350	36
	1615-1640	119
	1720-1850	624
28/8	1205-1215	245
	1340-1505	83
	1625-2230	1077
Total spurious counts		2790
		= 13.2% of total counts

The analysis below uses selected data from 17th to 27th August.

b) Bosworth Road, street lighting column 6, southbound vehicles 3rd August to 31st August 2020: selected data

For Project: 2020 Bosworth Rd C6 Sbd
 Location/Name: Incoming
 Report Generated: 31/08/2020 07:55:20 PM
 Speed Intervals = 5 MPH
 Time Intervals = Instant

Traffic Report from 17/08/2020 12:00:00 AM through 27/08/2020 11:59:59 PM

85th Percentile Speed = 41.1 MPH
 85th Percentile Vehicles = 6,339 counts
 Max Speed = 65.0 MPH on 18/08/2020 20:55:00
 Total Vehicles = 7,458 counts
 AADT: 678.0

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		690	668
AM peak	07:00 to 08:00	55	56
PM peak	04:00 to 05:00	52	50

Speed

Speed limit: 30 MPH
 85th Percentile Speed: 41.1 MPH
 50th Percentile Speed: 33.9 MPH
 10 MPH Pace Interval: 30.0 MPH to 40.0 MPH

Average Speed: 33.8 MPH

	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Count over limit	964	959	1118	1152	537	456	411
% over limit	73.4	75.4	76.3	76.7	79.1	72.2	69.1
Avg speeder	36.7	37.0	37.2	37.1	36.9	36.9	37.0

Storm episodes

There were no significant storm episodes in these data.