

Carlton Parish Council

Speed Indicator Device (SID): interim report

Barton Road, street lighting column 4, southbound vehicles, 26th July to 31st August 2021

For Project: 2021 Barton Rd C4 Sbd
Location/Name: Incoming
Report Generated: 31/08/2021 11:53:45 AM
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report From 26/07/2021 02:00:00 pm through 31/08/2021 10:59:59 am

85th Percentile Speed = 36.4 MPH
85th Percentile Vehicles = 9,179 counts
Max Speed = 65.0 MPH on 18/08/2021 18:55:00
Total Vehicles = 10,799 counts
AADT: 301.0

Volumes - weekly vehicle counts

| | Time | 5 Day | 7 Day |
|---------------|----------------|-------|-------|
| Average Daily | | 316 | 310 |
| AM Peak | 08:00 to 09:00 | 27 | 26 |
| PM Peak | 04:00 to 05:00 | 27 | 30 |

Speed

Speed Limit: 30 MPH
85th Percentile Speed: 36.4 MPH
50th Percentile Speed: 29.4 MPH
10 MPH Pace Interval: 30.0 MPH to 40.0 MPH
Average Speed: 28.0 MPH

| | Mon | Tue | Wed | Thur | Fri | Sat | Sun |
|------------------|------|------|------|------|------|------|------|
| Count over limit | 651 | 848 | 874 | 857 | 850 | 540 | 452 |
| % over limit | 49.9 | 49.4 | 50.1 | 49.0 | 50.0 | 46.8 | 31.6 |
| Avg Speeder | 35.2 | 35.0 | 35.2 | 35.3 | 35.2 | 35.0 | 34.9 |

Storm episodes

There were two short storm episodes during the above period, both on 22nd August:

| | | |
|-----------|-----------|------------------|
| 22 August | 1620-1655 | 196 false counts |
| | 1725-1830 | 189 false counts |

The impact of these counts on the analysis above is not significant, and they have not been excluded.