

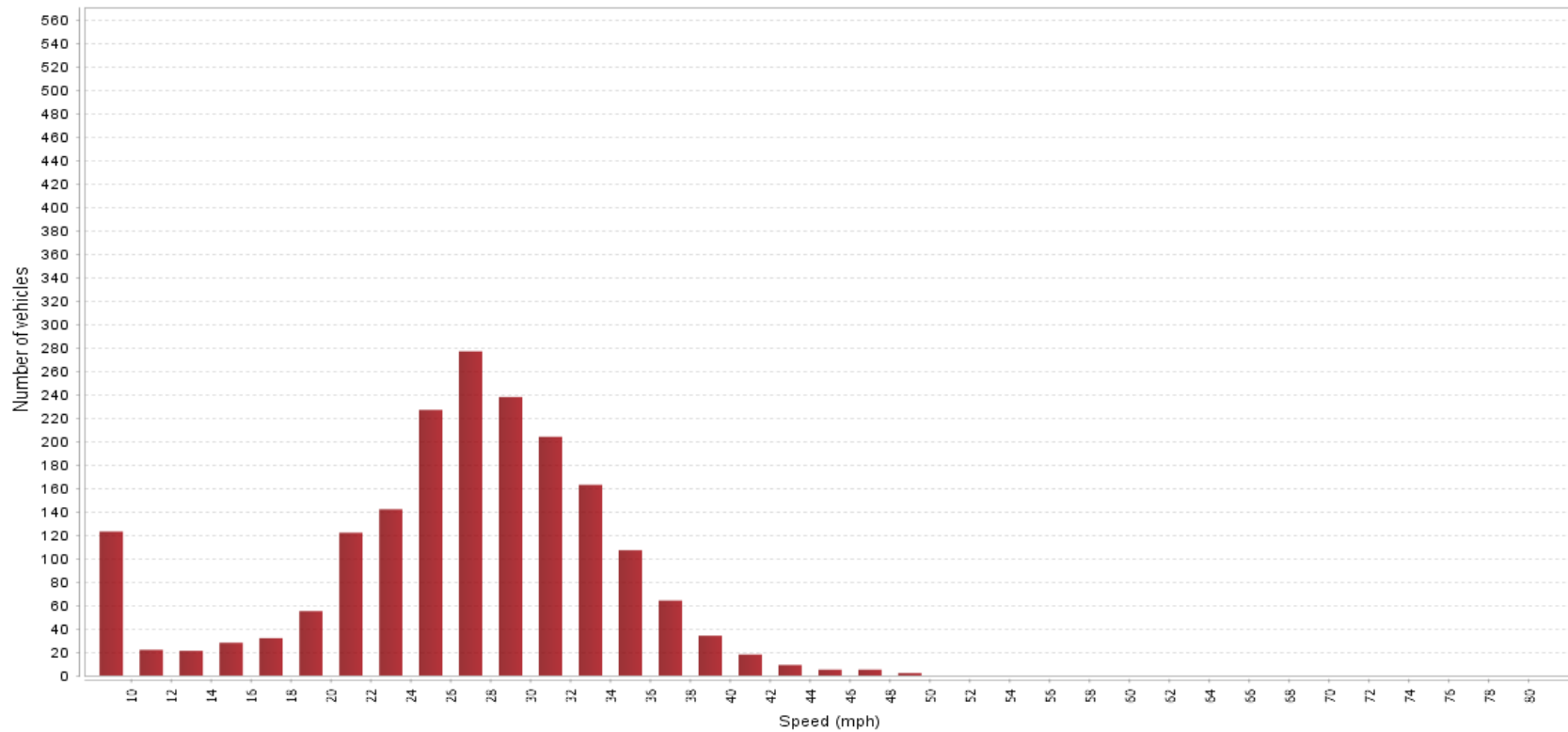
Speed Indication Device report November 2023

There was almost a complete failure of data being collected by this unit for November with only 4 days of data recorded. This despite me following the battery weekly exchange process and testing the unit for a reading each time. The performance of battery 1 had degraded to the point where I change the battery and return in two days to exchange it for battery 2. Both batteries were purchased 28 months ago in July 2021. Perhaps it is time to replace them again.

The data for the four days still shows top speeds of 47 mph outbound 04/11 at 07:50 and 49 mph inbound 04/11 at 04:00.

Location: Mill Road facing South

Velocity Histogram -- Period of analysis : Wed 1. Nov 2023, 00:00 o'clock -till- Thu 30. Nov 2023, 23:59 o'clock



	Total	%	Number in	%	Number out	%	V85 in	V85 out	V15 in	V15 out	VØ in	VØ out	Vmax in	Vmax out	> Limit in	> Limit out	ADT
Vehicles	4074	100.0	2176	100.0	1898	100.0	29	33	15	20	22	25	47	49	-	-	136



Here is the report for the Church Street unit

TRAFFIC ANALYSIS REPORT

For Project: Church Street pointing towards B1077

Projects Notes/Address:

Location/Name: Incoming

Report Generated: 02/12/2023 18:50:52

Speed Intervals = 5 MPH

Time Intervals = Instant

Traffic Report From 01/11/2023 00:00:00 through 30/11/2023 23:59:59

85th Percentile Speed = 24.8 MPH

85th Percentile Vehicles = 20,081 counts

Max Speed = 45.0 MPH on 01/11/2023 23:05:00

Total Vehicles =23,625 counts

AADT: 787.5

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		865	780
AM Peak	08:00 to 09:00	71	57
PM Peak	17:00 to 18:00	83	73

Speed

Speed Limit: 20 MPH

85th Percentile Speed: 24.8 MPH

50th Percentile Speed: 20.2 MPH

10 MPH Pace Interval: 15.0 MPH to 25.0 MPH

Average Speed: 20.4 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1507	1554	2317	2152	2070	1566	1027
% over limit	50.1	49.8	50.7	51.4	49.6	57.9	55.2
Avg Speeder	23.9	23.9	24.0	24.1	24.1	24.2	24.1
Avg Speed	10.6	10.4	10.7	11.4	10.5	12.5	13.0

