

PTSC 906: SPEED SIGN ON HOUGHTON ROAD: HALF-YEARLY REPORT

The tables below summarise information from the speed indicator sign for vehicles travelling south to north (April to June) and north to south (July to September) on Houghton Road in 2023.

HOUGHTON ROAD: SOUTH TO NORTH TRAFFIC DATA							
MONTH	Total Vehicles	AADT	Monthly Weekday Figures		Monthly Weekend Figures		All (mph)
			Nos. vehicles	Av. speed mph	Nos. vehicles	Av. Speed mph	85%ile speed
April *	28007	1235	20414	27.2	7593	27.6	32.5
May	38221	1232	30218	27.3	8003	27.7	32.4
June	37482	1246	29281	27.3	8201	27.8	32.4

*Started 08/04/2023

HOUGHTON ROAD: NORTH TO SOUTH TRAFFIC DATA							
MONTH	Total Vehicles	AADT	Monthly Weekday Figures		Monthly Weekend Figures		All (mph)
			Nos. vehicles	Av. speed mph	Nos. vehicles	Av. Speed mph	85%ile speed
July	51111	1649	38539	28.6	12572	29.1	34.0
August	50233	1620	39459	28.8	10774	29.4	34.2
September	51246	1708	38377	28.4	12869	29.0	33.8

The following sheets list the traffic analysis data and bar charts showing vehicle speed distribution for the same periods.

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Traffic Analysis (April- June)

For Project: Houghton Road S to N
 Project Notes:
 Location/Name: Incoming
 Report Generated: 01/07/2023 16:16:07
 Speed Intervals: 5 MPH
 Time Intervals: Instant
 Traffic Report From: 01/04/2023 11:00:00 through 01/07/2023 08:59:59
 85th Percentile Speed: 32.4 MPH
 85th Percentile Vehicles: 88239
 Max Speed: 55 MPH on 15/04/2023 07:20:00
 Total Vehicles: 103811
 AADT: 1141

Volumes - weekly counts

Time	5 Day	7 Day
Average Daily	1229	1130
AM Peak	99	82
PM Peak	113	98

Speed

Speed Limit: 35
 85th Percentile Speed: 32.4
 50th Percentile Speed: 27.4
 10 MPH Pace Interval: 20.0 MPH to 30.0 MPH
 Average Speed: 27.54

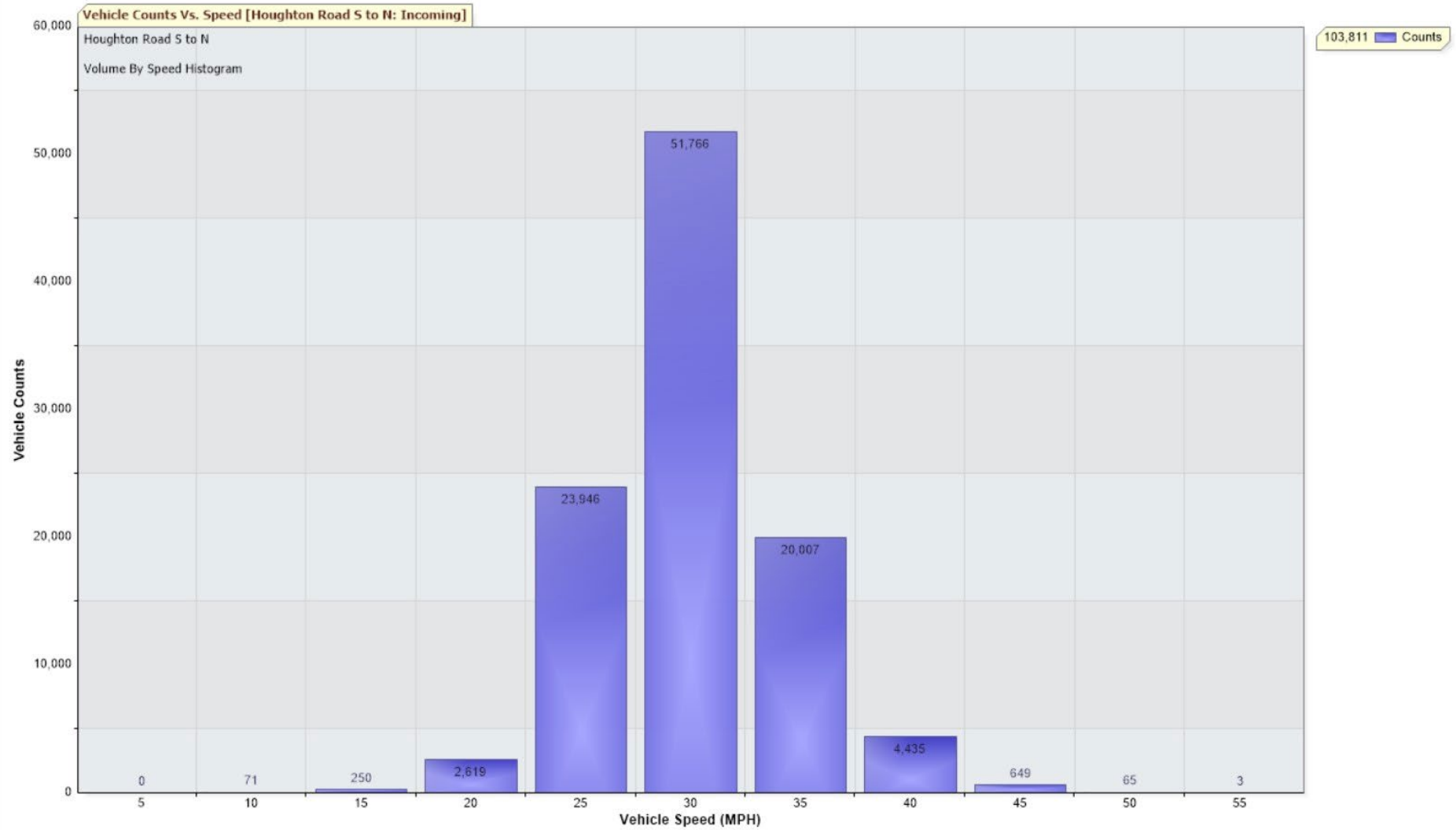
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	712	687	747	808	812	735	651
% over limit	5.0	4.4	4.5	4.8	4.8	5.5	6.1
Avg Speeder	38.2	38.2	38.3	38.3	38.3	38.4	38.1
Avg Speed	12.3	11.6	11.3	11.5	11.4	13.5	14.4

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Houghton Road S to N

Incoming

Volume By Speed Histogram



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Traffic Analysis (July – September)

For Project: Houghton Road N to S
 Project Notes:
 Location/Name: Incoming
 Report Generated: 01/10/2023 15:18:09
 Speed Intervals 5 MPH
 Time Intervals Instant
 Traffic Report From 01/07/2023 08:00:00 through 30/09/2023 23:59:59
 85th Percentile Speed 34 MPH
 85th Percentile Vehicles 129596
 Max Speed 60 MPH on 03/08/2023 21:00:00
 Total Vehicles 152466
 AADT: 1663

Volumes - weekly counts

Time	5 Day	7 Day
Average Daily	1788	1658
AM Peak 08:00	162	132
PM Peak 17:00	152	133

Speed

Speed Limit: 35
 85th Percentile Speed: 34
 50th Percentile Speed: 28.5
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
 Average Speed: 28.86

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1921	2071	2152	2193	2447	2336	1797
% over limit	8.9	9.0	9.1	9.2	10.2	11.2	11.7
Avg Speeder	38.5	38.6	38.7	38.7	38.7	38.7	38.9
Avg Speed	11.0	10.5	10.5	10.6	10.8	12.2	13.6

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