

TRAFFIC ANALYSIS REPORT FOR JANUARY 2023

1. Southam Lane

This month saw an average of 2384 cars per day. The average speed of motorized vehicles was 30.2 mph. 85% of all vehicles were travelling slower than 35.1 mph. The worst speeding event we had occurred at 7:30am on the 16th January 2023 when a vehicle was recorded travelling at 65 mph coming into the village passing the entrance to Manor Courtyard. Traffic is travelling eastwards on Southam Lane. There is a 4.6% rain correction in this data.

For Project: Southam Lane West

Projects Notes/Address:

Report Generated: 02/08/2023 05:18:37 PM

Speed Intervals = 5 MPH

Traffic Report From 02/01/2023 11:00:00 AM through 30/01/2023 12:59:59 PM

85th Percentile Speed = 35.1 MPH

85th Percentile Vehicles = 56,901 counts

Max Speed = 65.0 MPH on 16/01/2023 07:30:00

Total Vehicles =66,942 counts

AADT: 2383.7

<u>Volumes - weekly vehicle counts</u>	Time	5 Day	7 Day
Average Daily		2,462	2,317
AM Peak	08:00 to 09:00	220	177
PM Peak	03:00 to 04:00	236	233

Speed

Speed Limit: 30 MPH

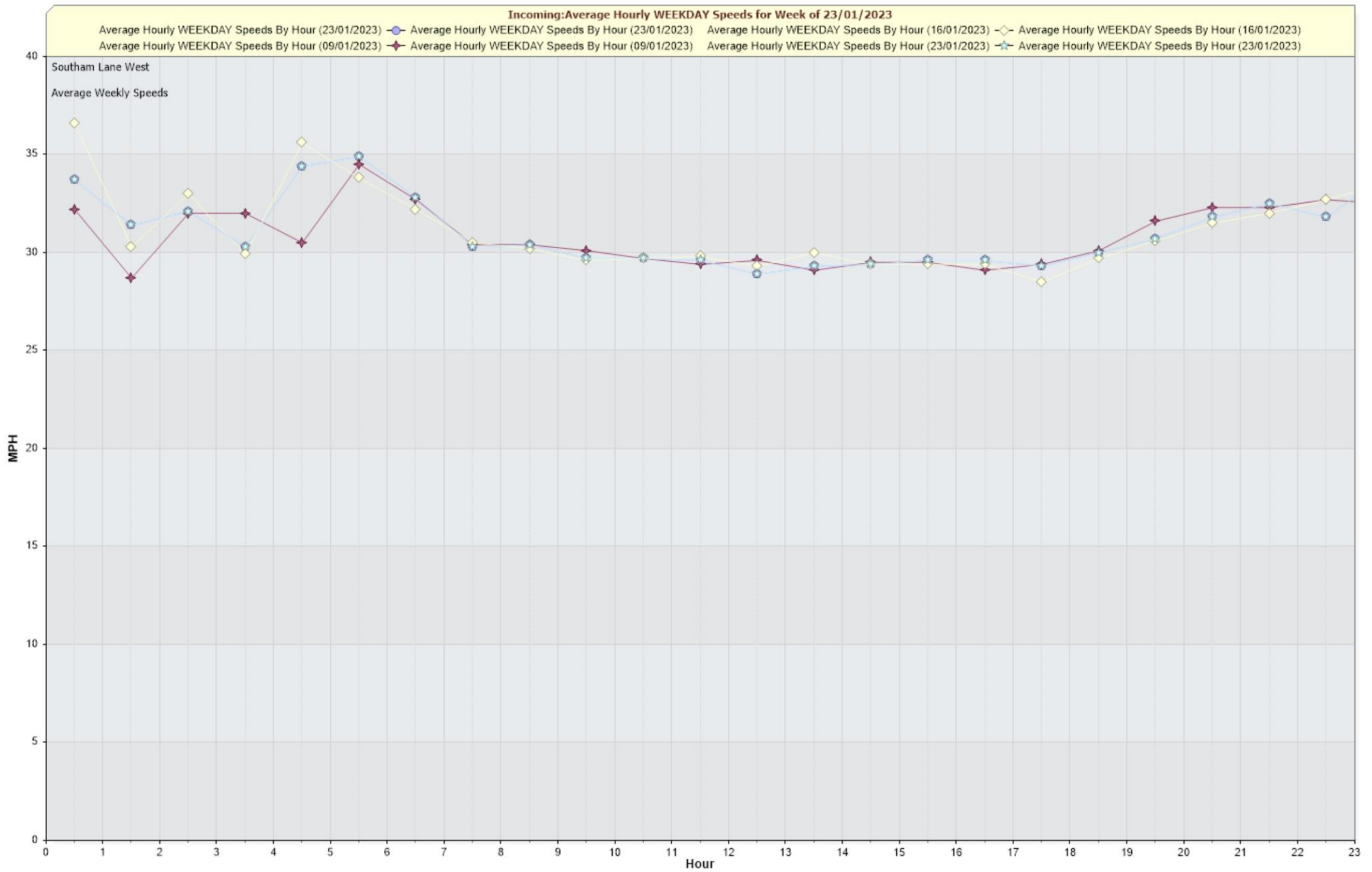
85th Percentile Speed: 35.1 MPH

50th Percentile Speed: 29.8 MPH

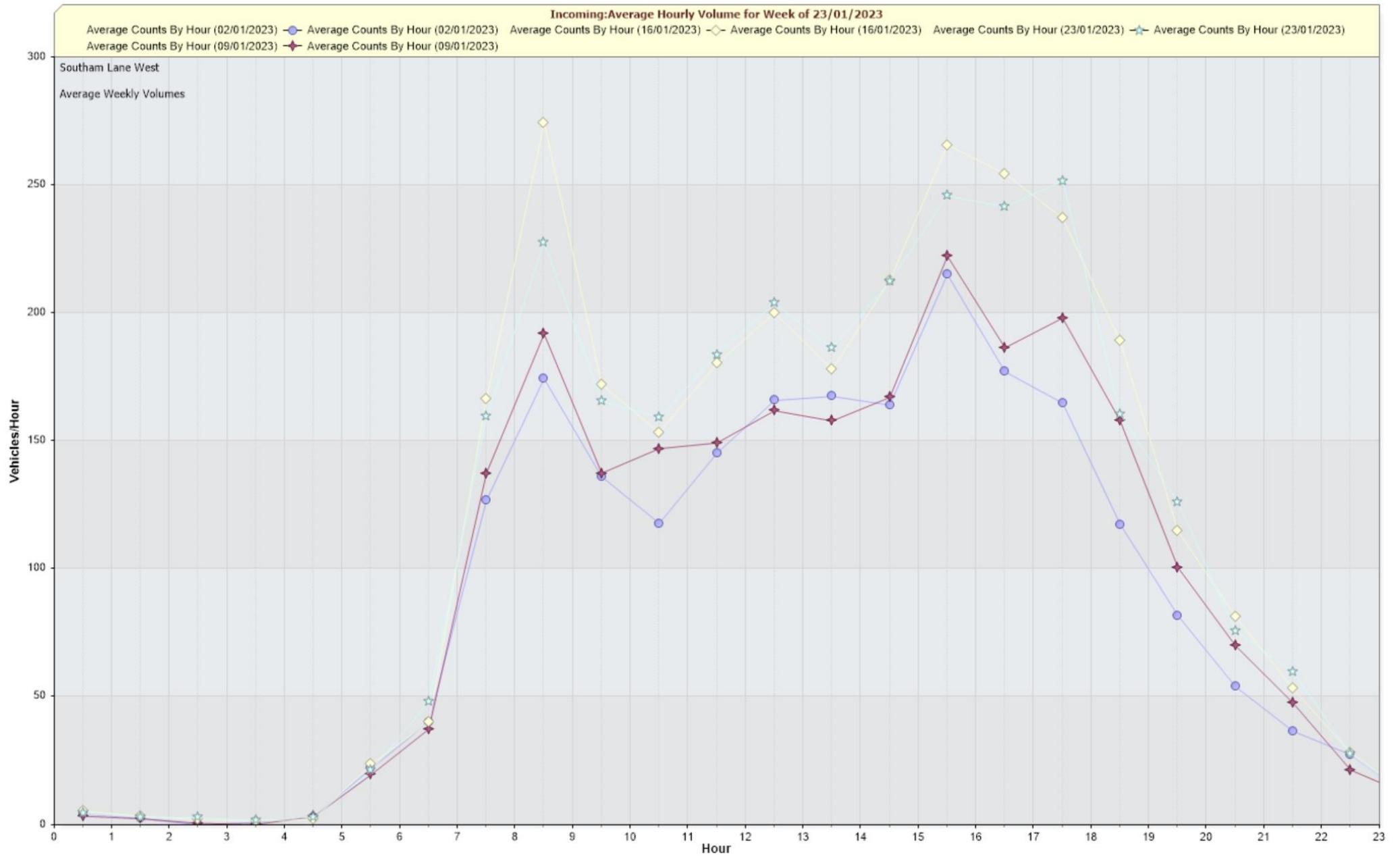
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH

Average Speed: 30.2 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	5021	4708	4738	4946	4966	4380	3888
% over limit	49.4	48.2	47.0	46.8	46.3	50.1	56.3
Avg Speeder	34.5	34.3	34.4	34.4	34.4	34.5	34.8



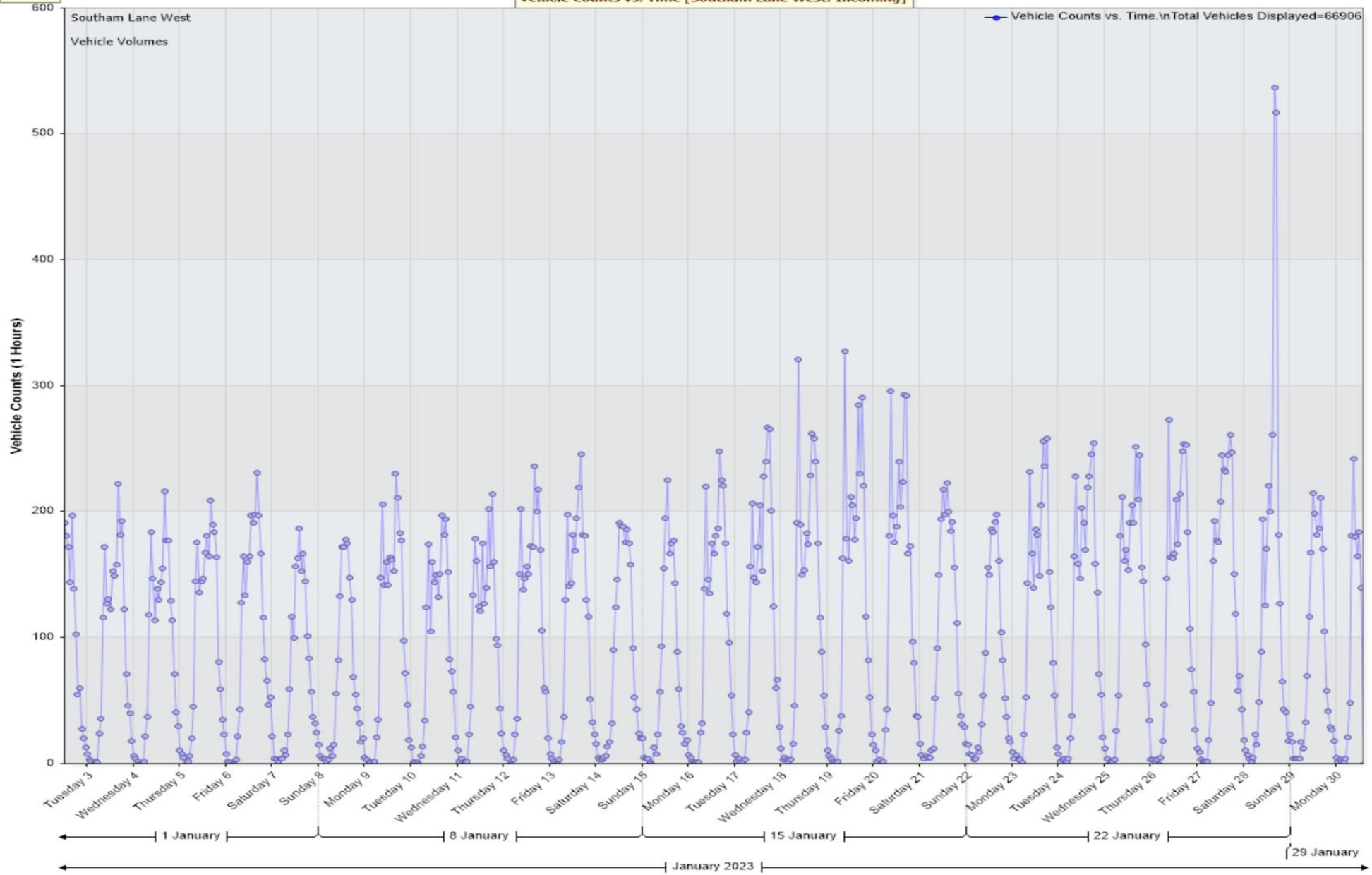
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

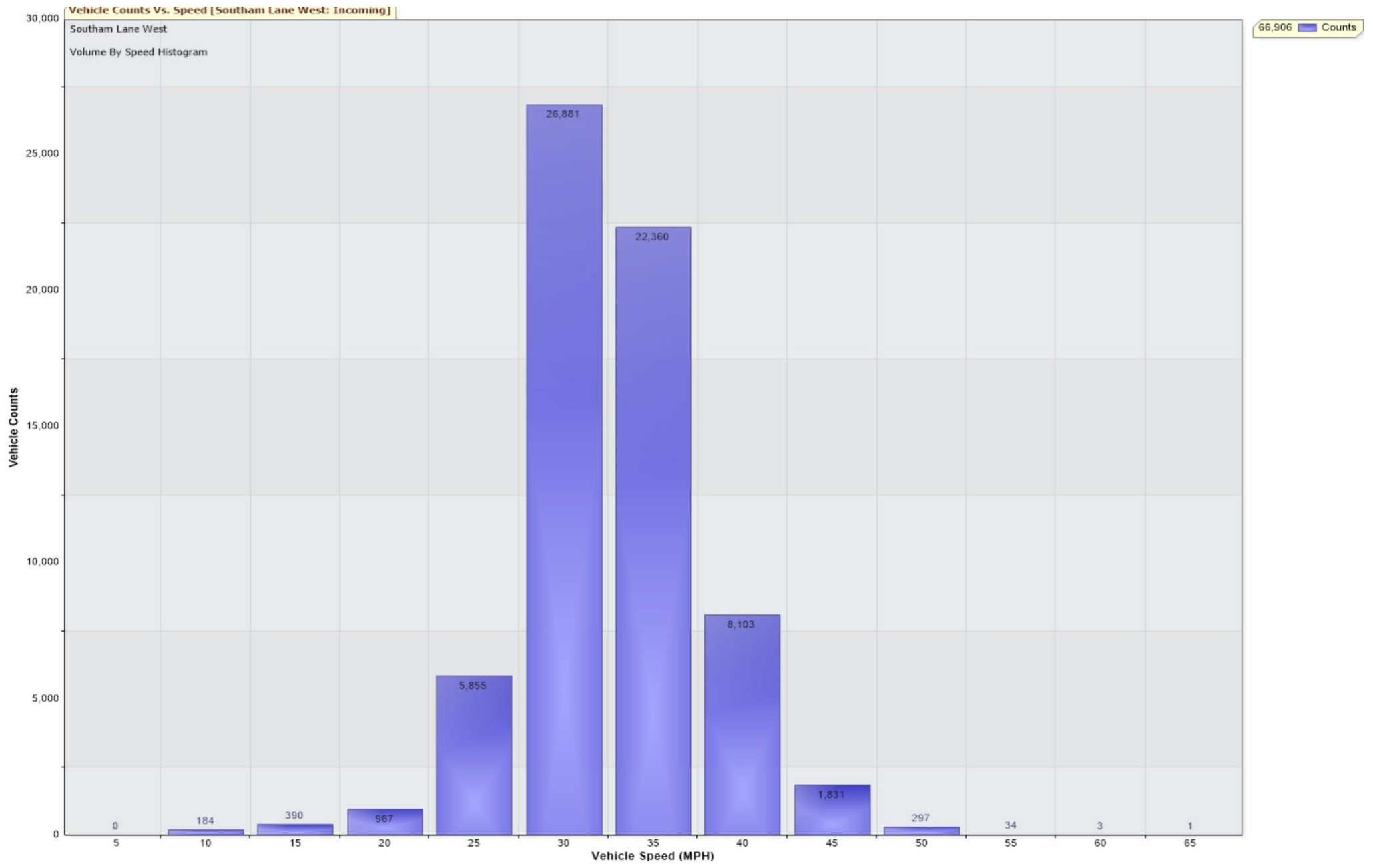


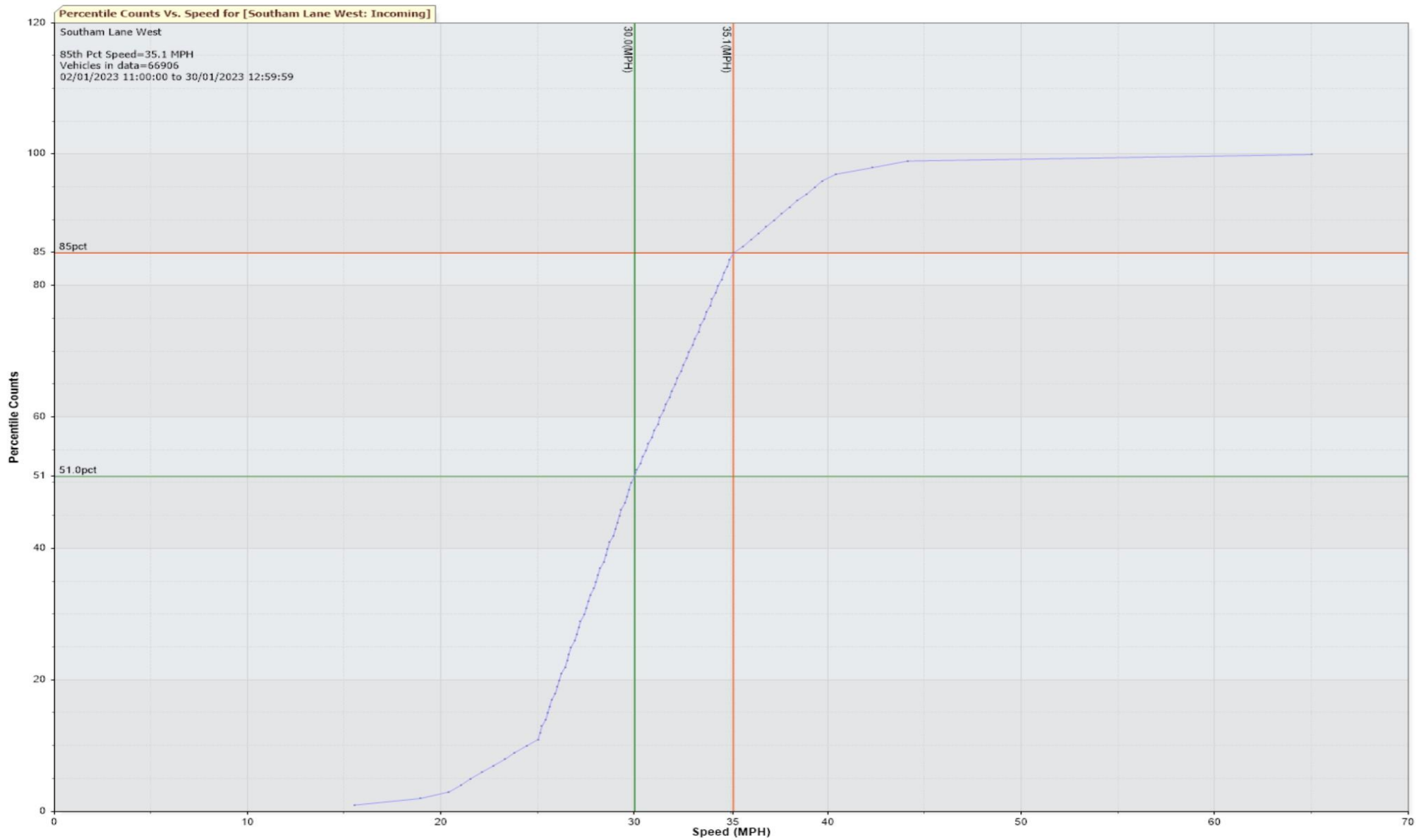
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

Zoom help

Vehicle Counts vs. Time [Southam Lane West: Incoming]







The blue trace shows the data from the histogram plot on page 5, expressed as a percentage of the total number of vehicles and summed to show the percentage vehicles travelling slower than the selected value on the horizontal scale. The additional brown and green lines show a couple of the most interesting points on the trace, the 85% percentile and the 30mph speed limit.

2. New Road

This month saw an average of 1977 cars per day. The average speed of motorized vehicles was 29.6 mph. 85% of all vehicles were travelling slower than 34.6 mph. The worst speeding event we had occurred at 10:15pm on the 7th January 2023 when a vehicle was recorded travelling at 60 mph coming into the village. Traffic is travelling southwards on New Road. No rain correction required.

For Project: New Road North
 Projects Notes/Address:
 Report Generated: 03/08/2023 07:06:56 PM
 Speed Intervals = 5 MPH

Traffic Report From 02/01/2023 11:00:00 AM through 30/01/2023 01:59:59 PM

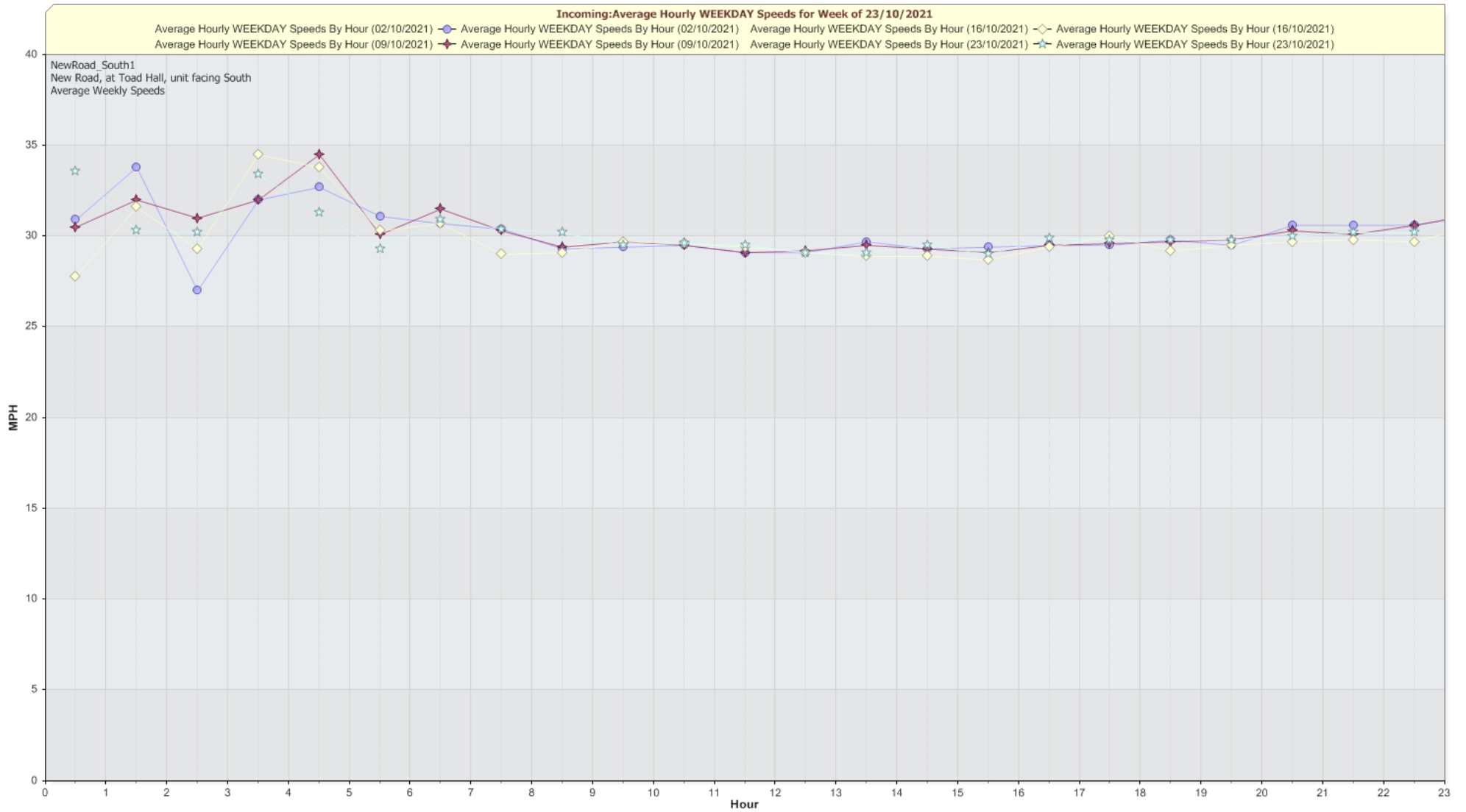
85th Percentile Speed = 34.6 MPH
 85th Percentile Vehicles = 47,270 counts
 Max Speed = 60.0 MPH on 07/01/2023 22:15:00
 Total Vehicles =55,612 counts
 AADT: 1977.3

<u>Volumes - weekly vehicle counts</u>	Time	5 Day	7 Day
Average Daily		2,084	1,925
AM Peak	08:00 to 09:00	293	232
PM Peak	03:00 to 04:00	194	172

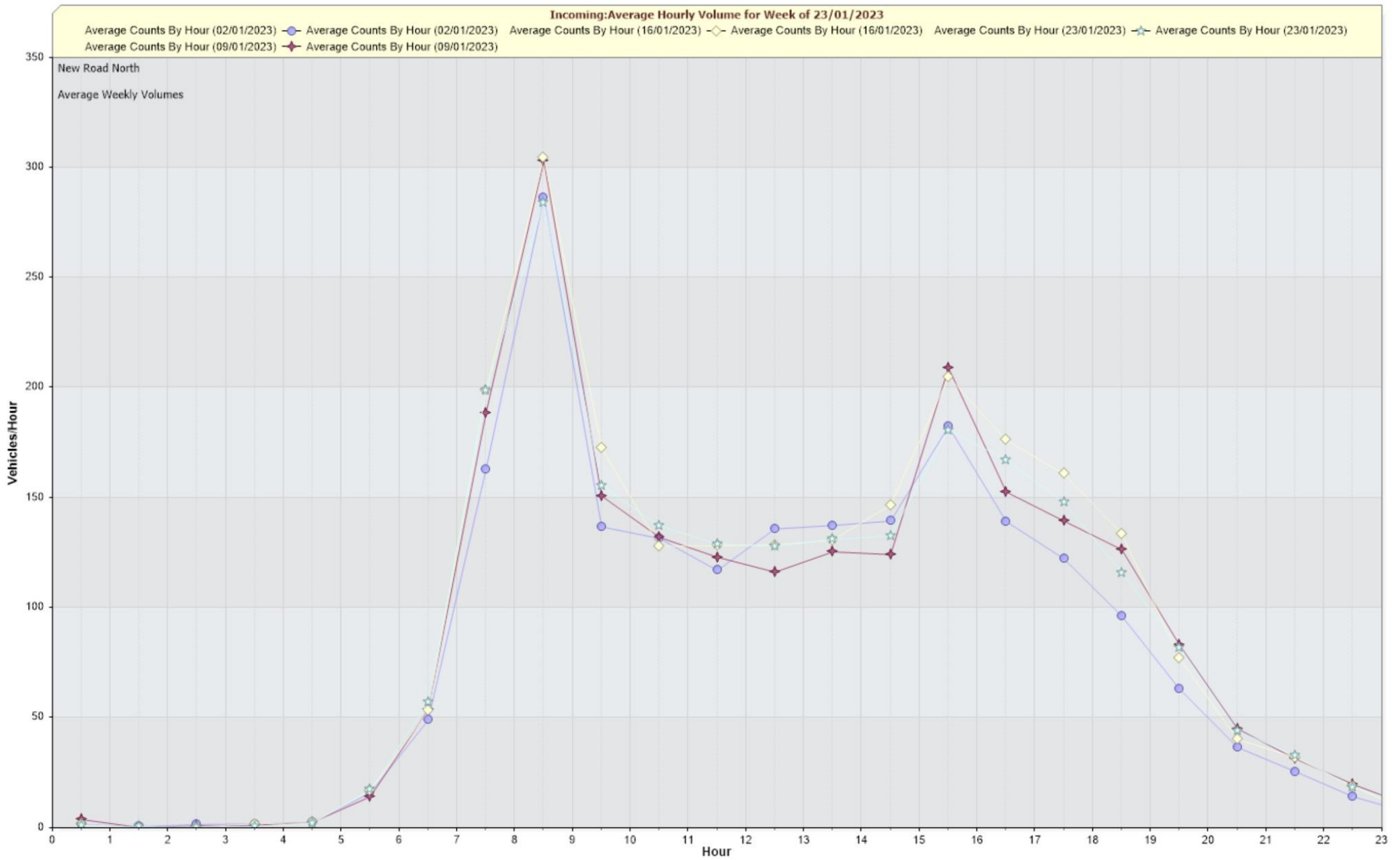
Speed

Speed Limit: 30 MPH
 85th Percentile Speed: 34.6 MPH
 50th Percentile Speed: 29.4 MPH
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
 Average Speed: 29.6 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3915	3644	3838	3754	3882	3340	2671
% over limit	46.6	42.7	43.2	42.9	44.0	47.8	51.0
Avg Speeder	34.2	34.0	34.1	34.0	34.3	34.3	34.4



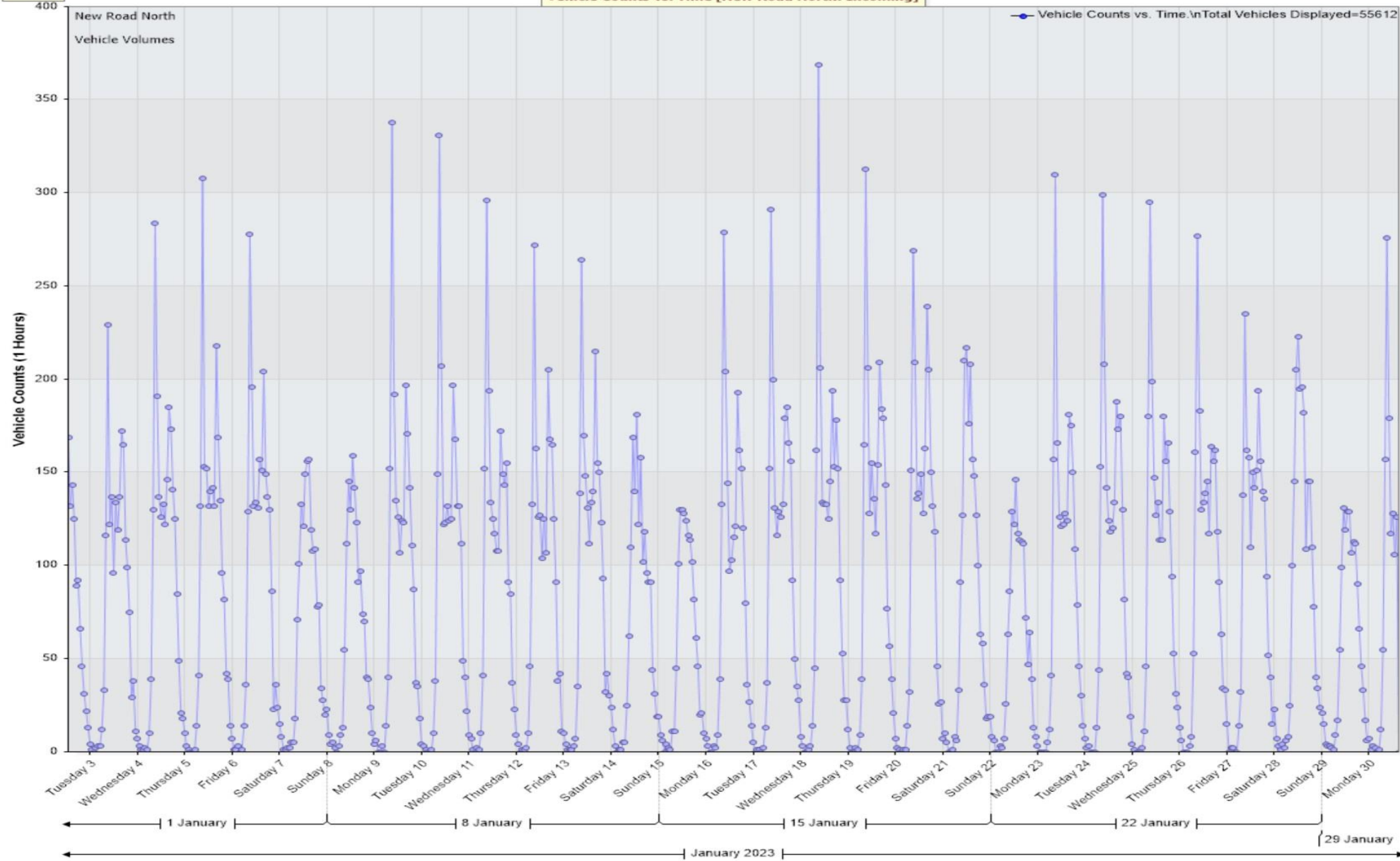
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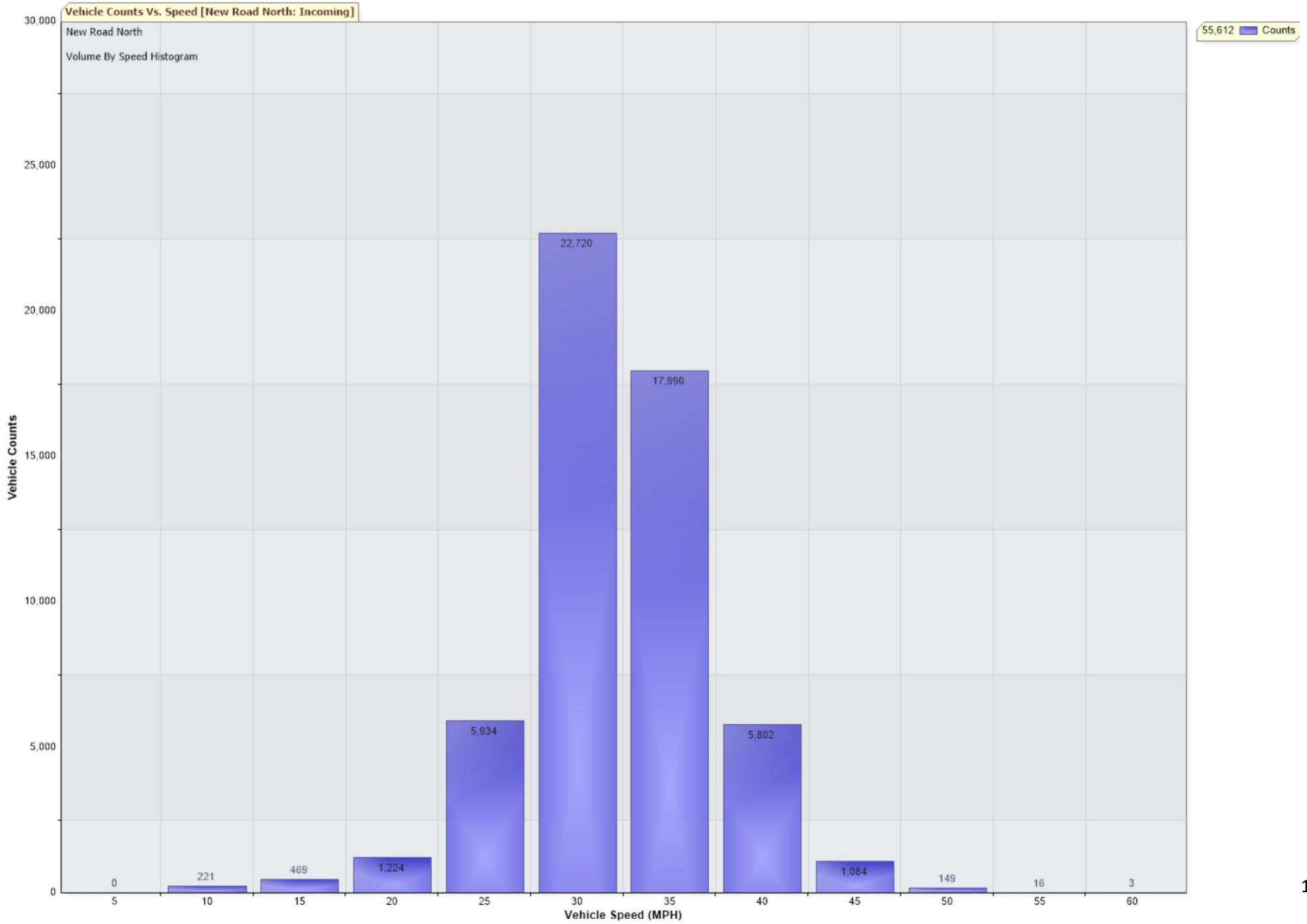


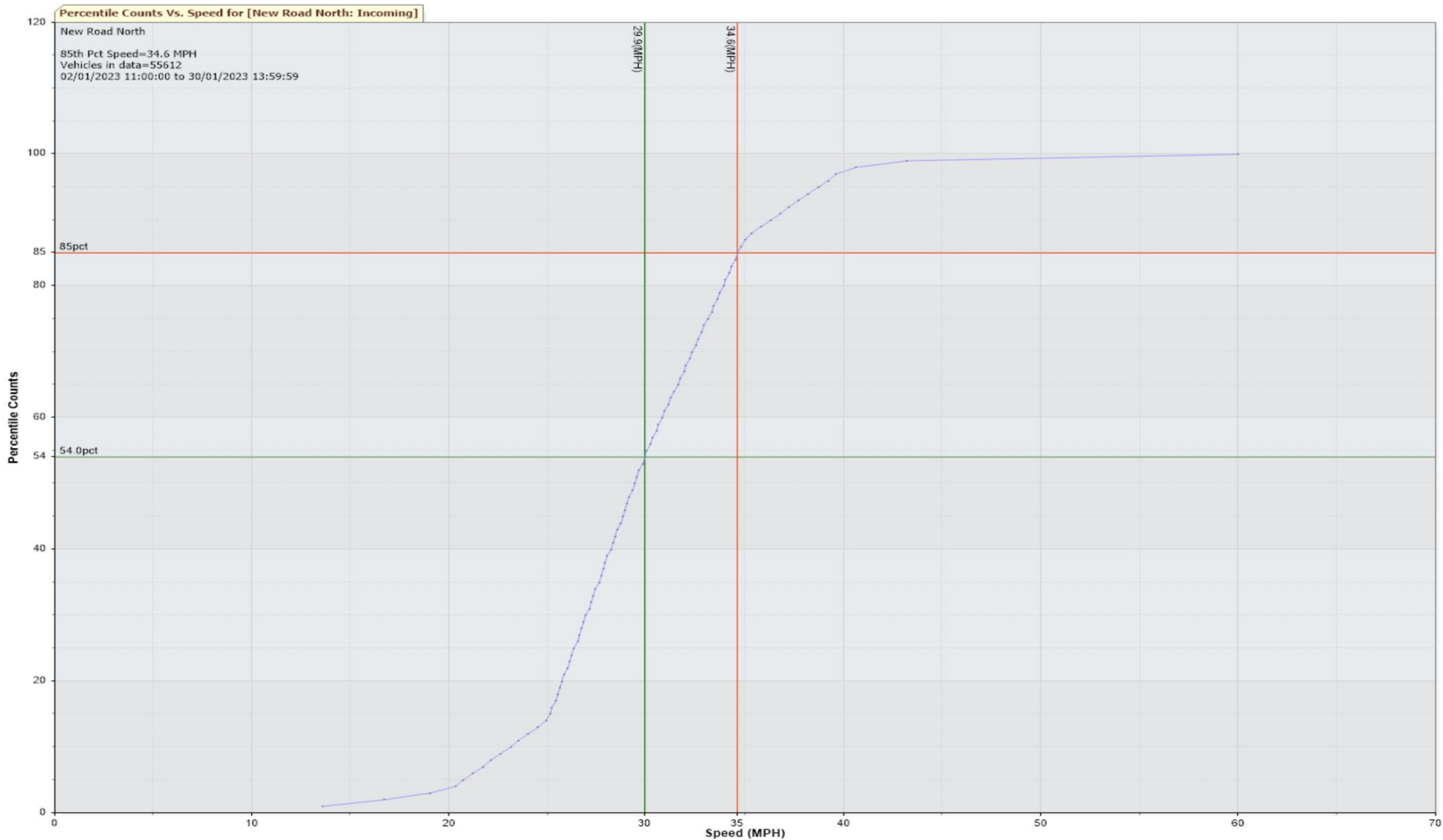
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Zoom help

Vehicle Counts vs. Time [New Road North: Incoming]







The blue trace shows the data from the histogram plot on page 11, expressed as a percentage of the total number of vehicles and summed to show the percentage vehicles travelling slower than the selected value on the horizontal scale. The additional brown and green lines show a couple of the most interesting points on the trace, the 85% percentile and the 30mph speed limit.