

# TRAFFIC ANALYSIS REPORT FOR M M M M M M M M 2023

## 1. Southam Lane

This month saw an average of 2183 cars per day. The average speed of motorized vehicles was 29.9 mph. 85% of all vehicles were travelling slower than 34.8 mph. The worst speeding event we had occurred at 0:45 am on the 8<sup>th</sup> December 2023 when a vehicle was recorded travelling at 60 mph coming into the village passing the entrance to Manor Courtyard. Traffic is travelling eastwards on Southam Lane. There is a 5.0% rain correction in this data.

For Project: Southam Lane West  
Report Generated: 22/02/2024 09:27:56 PM  
Speed Intervals = 5 MPH

Traffic Report From 01/12/2023 03:00:00 PM through 31/12/2023 03:59:59 PM

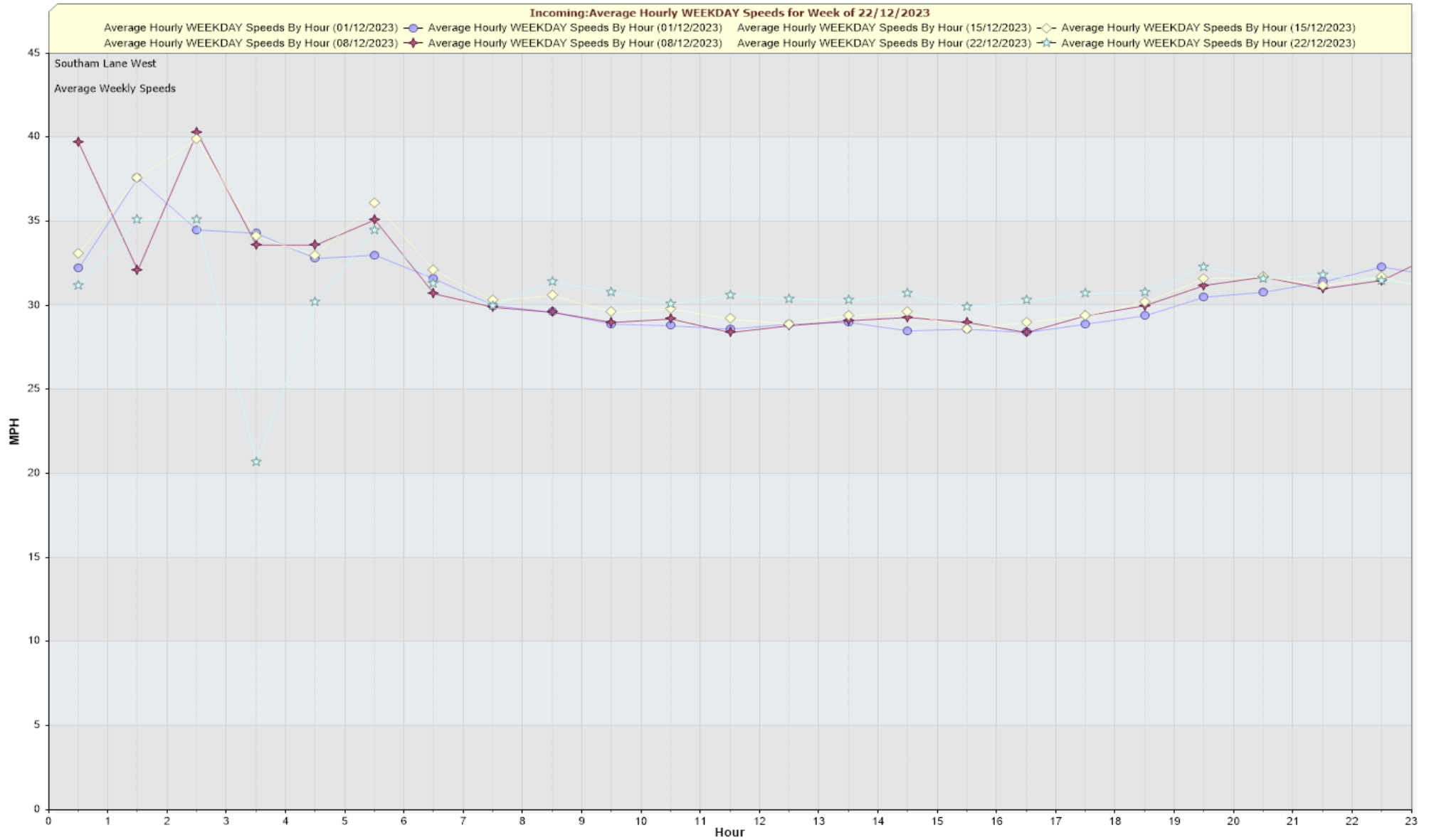
85th Percentile Speed = 34.8 MPH  
85th Percentile Vehicles = 55,745 counts  
Max Speed = 60.0 MPH on 08/12/2023 00:45:00  
Total Vehicles = 65,582 counts  
AADT: 2183.0

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,248	2,131
AM Peak	11:00 to 12:00	177	174
PM Peak	03:00 to 04:00	215	211

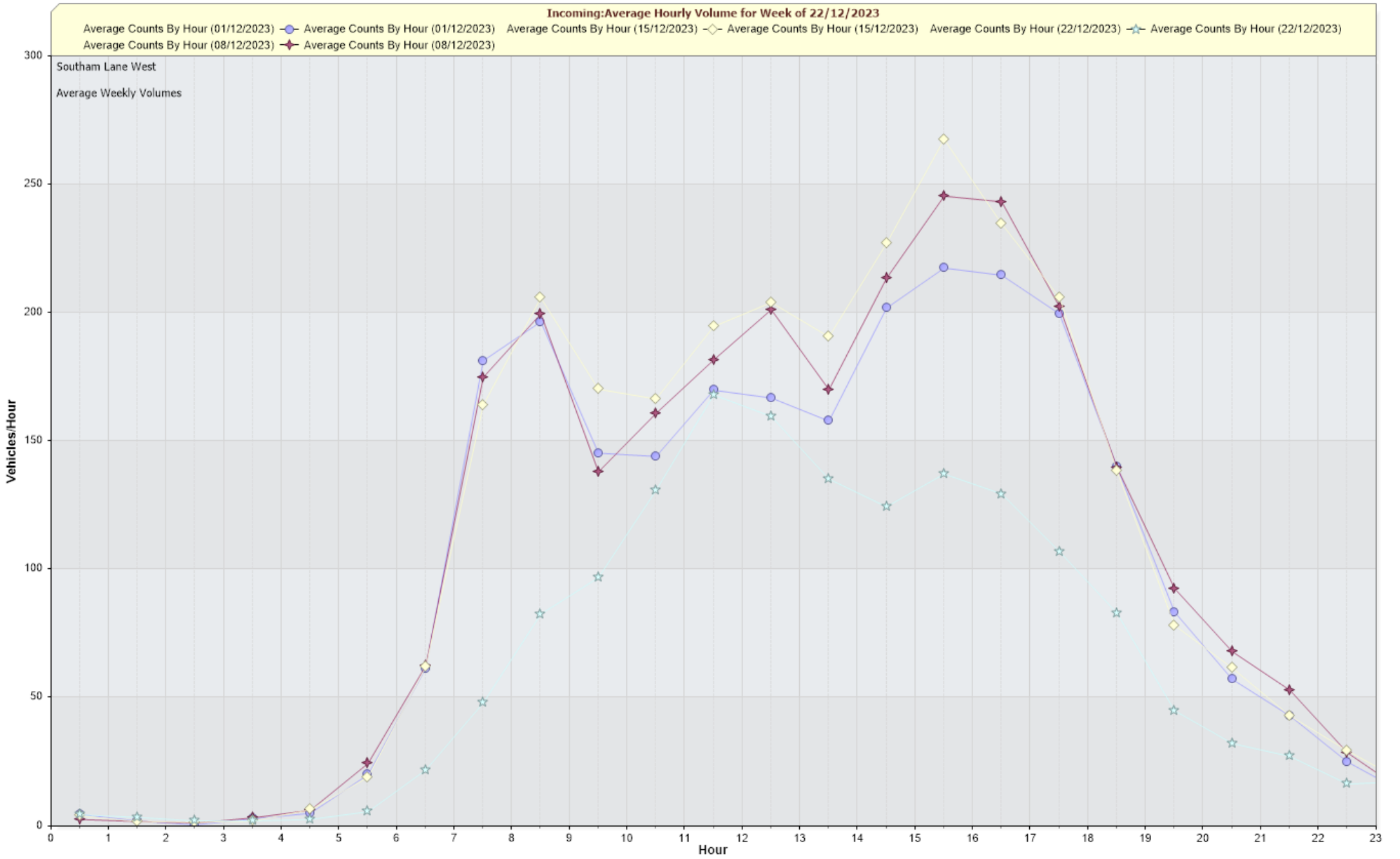
### Speed

Speed Limit: 30 MPH  
85th Percentile Speed: 34.8 MPH  
50th Percentile Speed: 29.5 MPH  
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
Average Speed: 29.9 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3764	3913	4307	4347	4989	5007	3873
% over limit	44.5	44.8	46.0	45.7	44.8	46.6	50.8
Avg Speeder	34.4	34.3	34.4	34.3	34.3	34.3	34.6



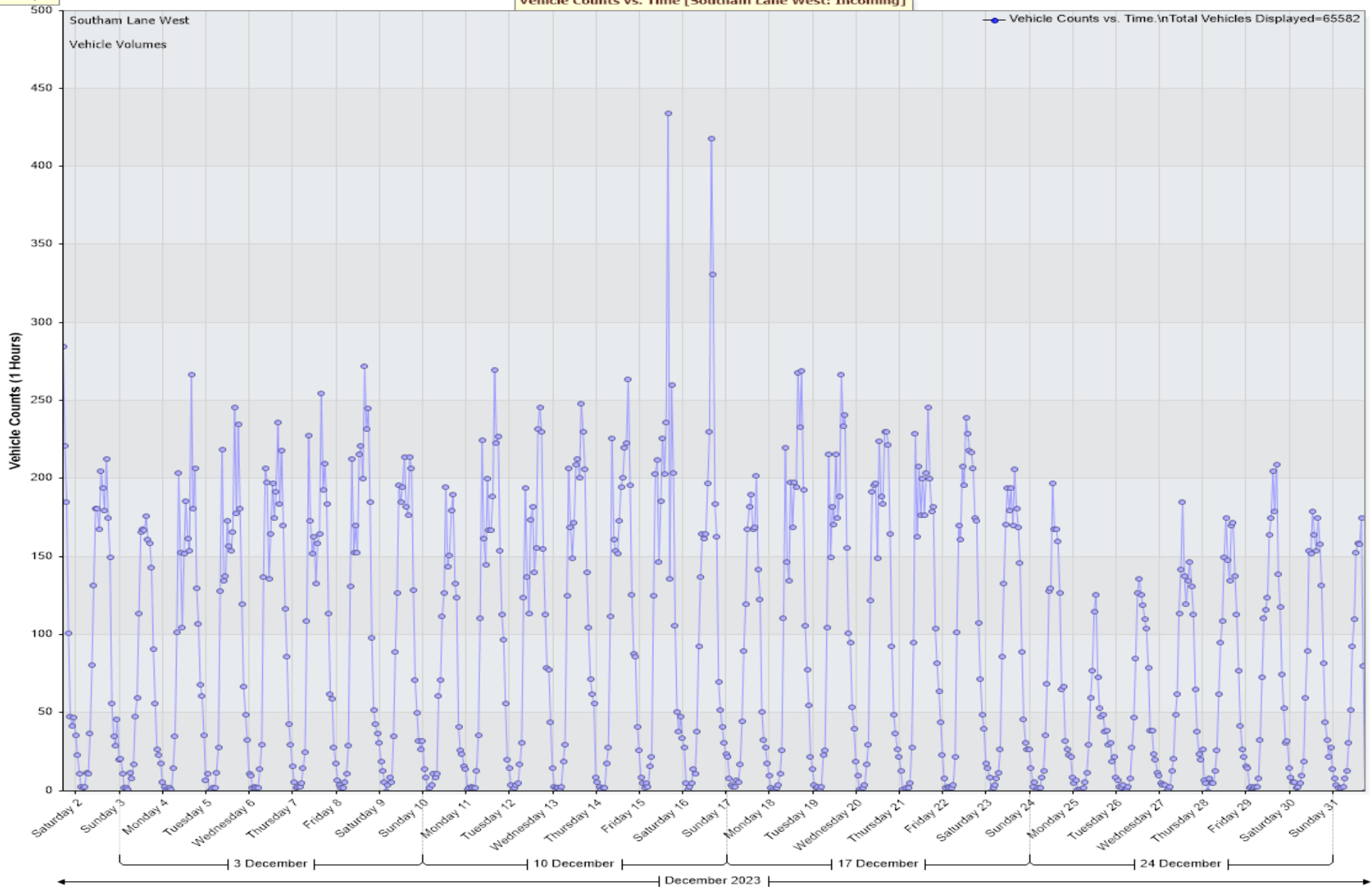
These graphs show the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

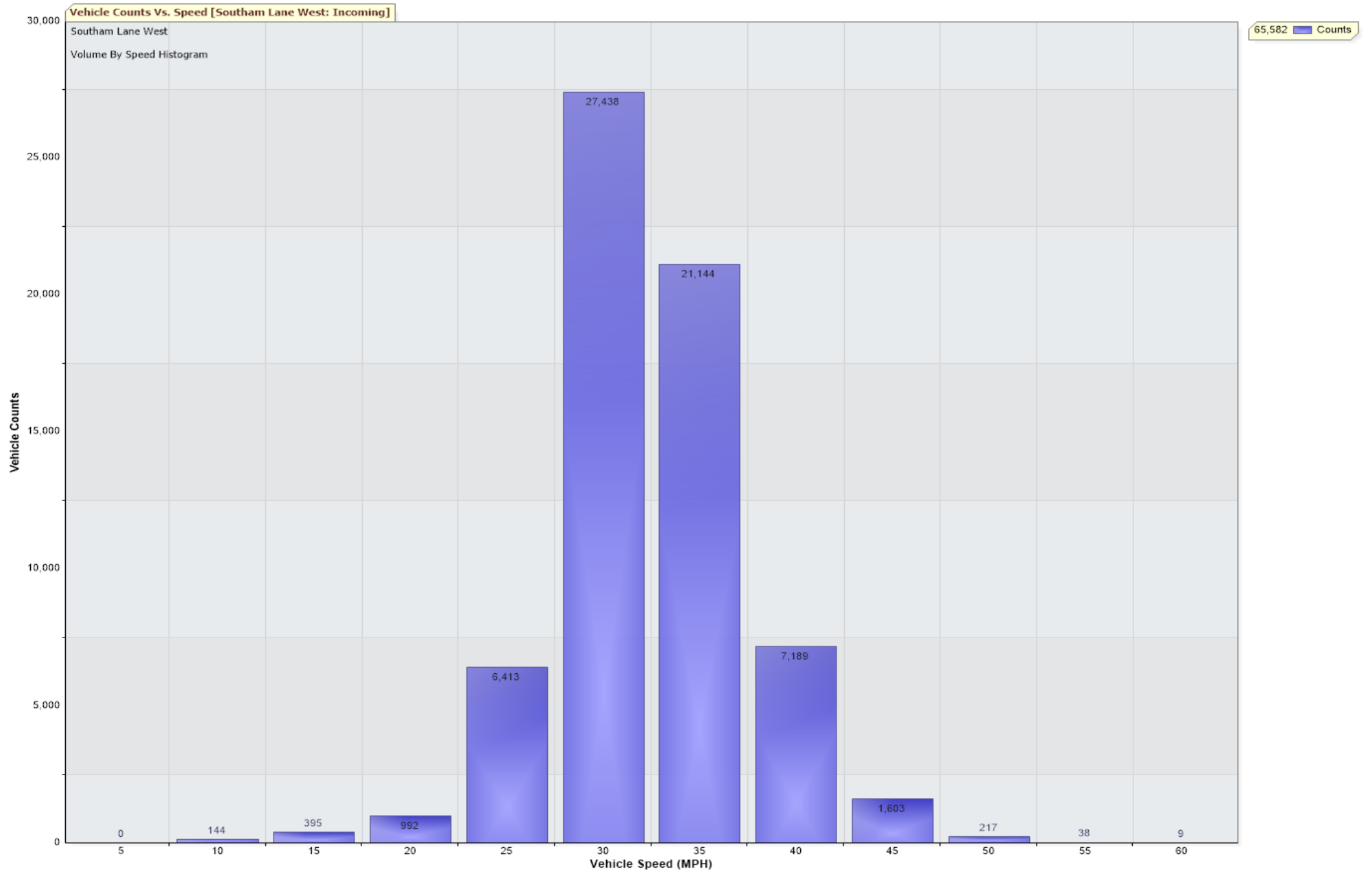


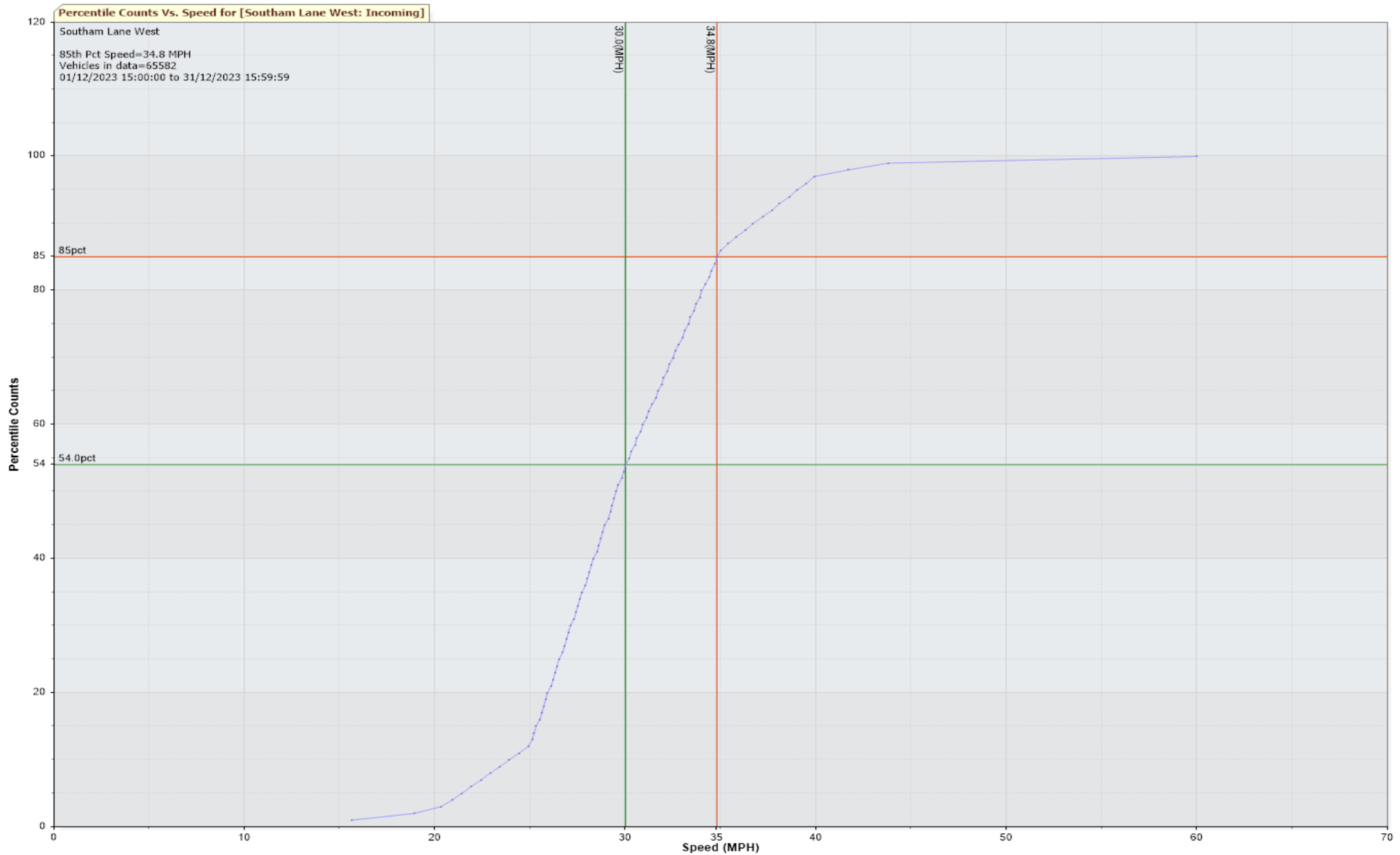
These graphs show the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 1824 cars per day. The average speed of motorized vehicles was 29.5 mph. 85% of all vehicles were travelling slower than 34.6 mph. The worst speeding event we had occurred at 9:31 am on the 16<sup>th</sup> December 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  
 Report Generated: 15/02/2024 12:12:54 PM  
 Speed Intervals = 5 MPH

Traffic Report From 01/12/2023 05:00:00 PM through 29/12/2023 03:59:59 PM

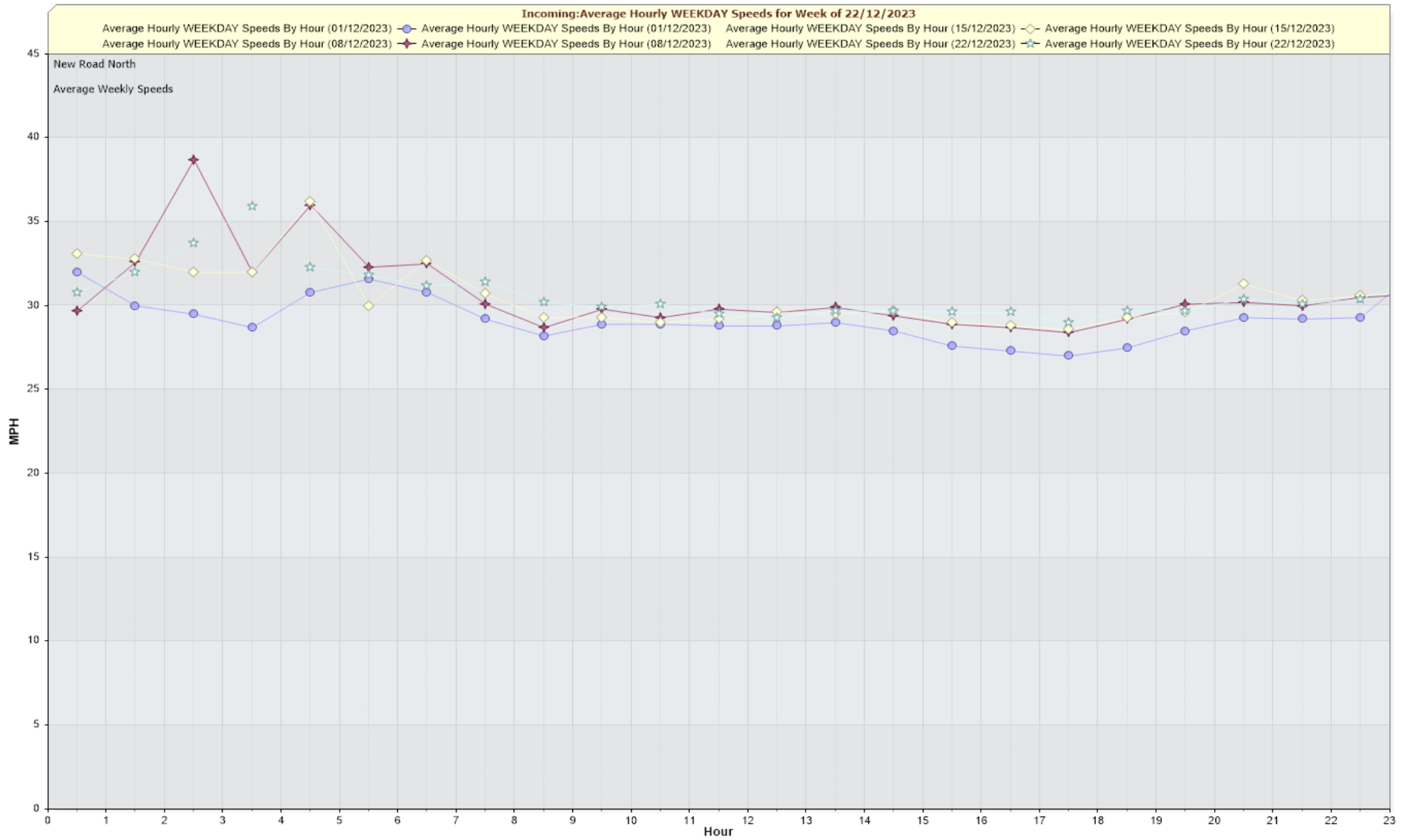
85th Percentile Speed = 34.6 MPH  
 85th Percentile Vehicles = 43,341 counts  
 Max Speed = 60.0 MPH on 16/12/2023 21:30:00  
 Total Vehicles =50,989 counts  
 AADT: 1823.8

<b>Volumes - weekly vehicle counts</b>	Time	5 Day	7 Day
Average Daily		1,842	1,761
AM Peak	08:00 to 09:00	213	172
PM Peak	03:00 to 04:00	165	151

### Speed

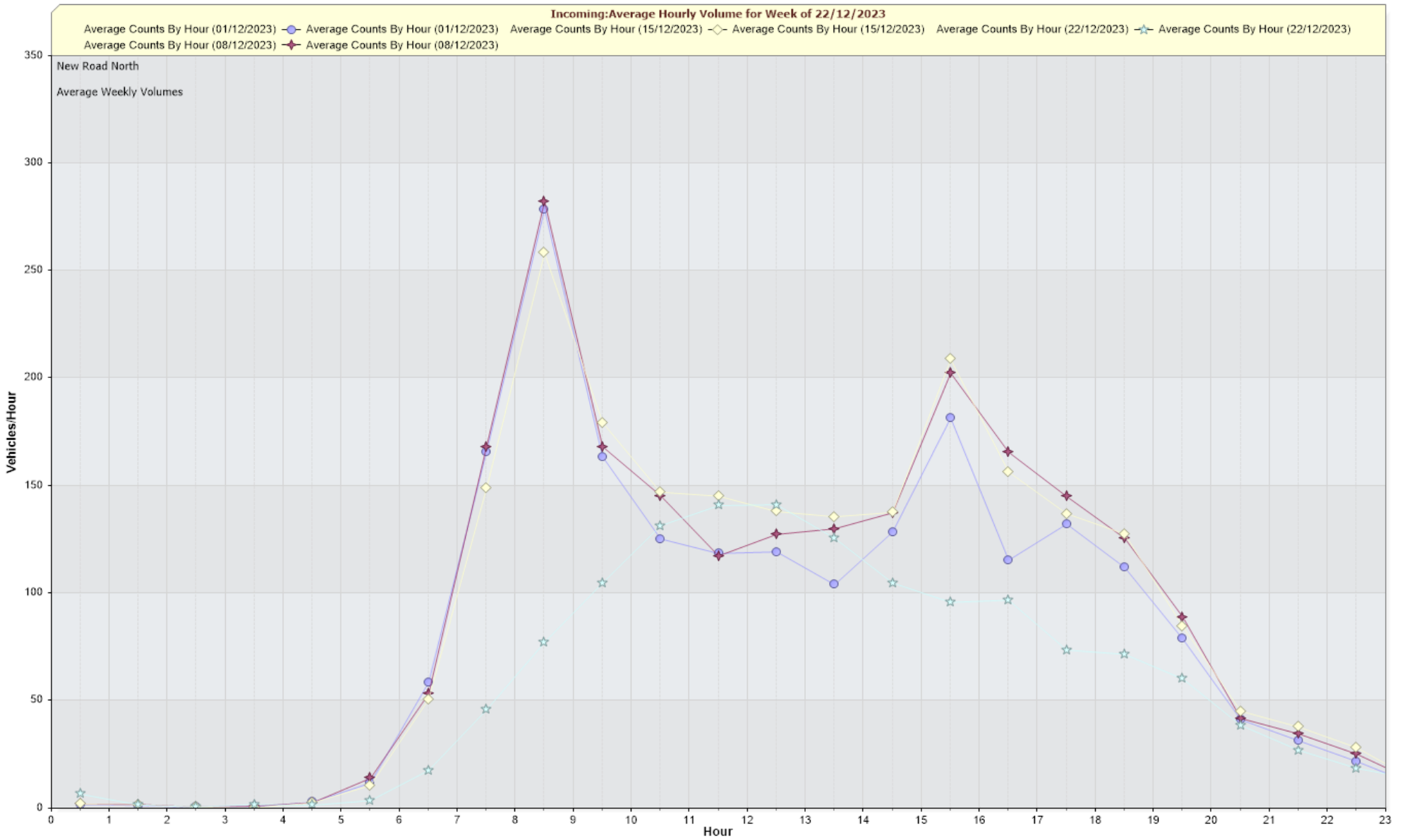
Speed Limit: 30 MPH  
 85th Percentile Speed: 34.6 MPH  
 50th Percentile Speed: 29.3 MPH  
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
 Average Speed: 29.5 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3154	3170	3495	3114	3641	3385	2555
% over limit	44.0	42.4	44.2	40.8	43.8	47.5	47.9
Avg Speeder	34.2	34.1	34.3	34.2	34.2	34.3	34.4



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.

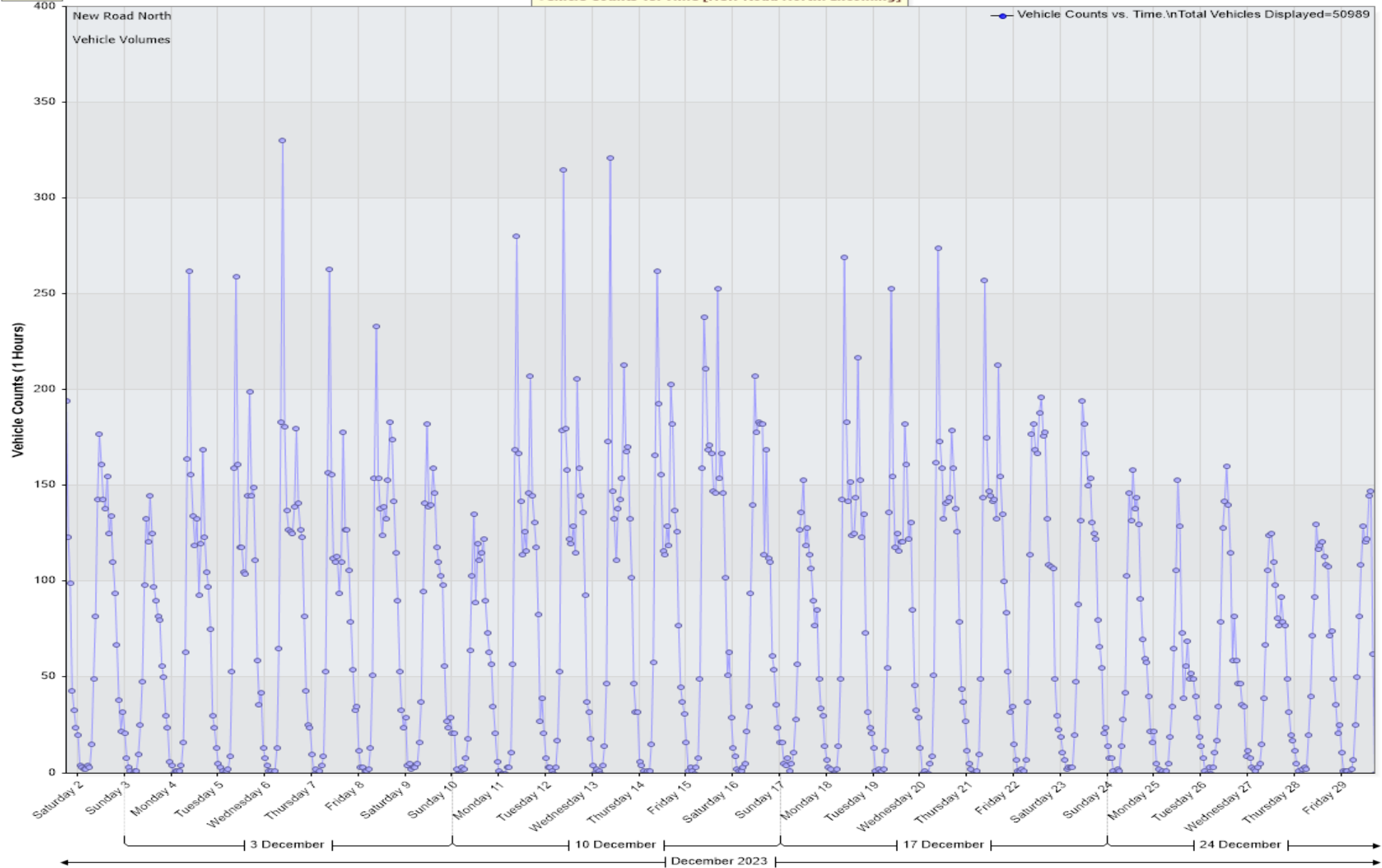


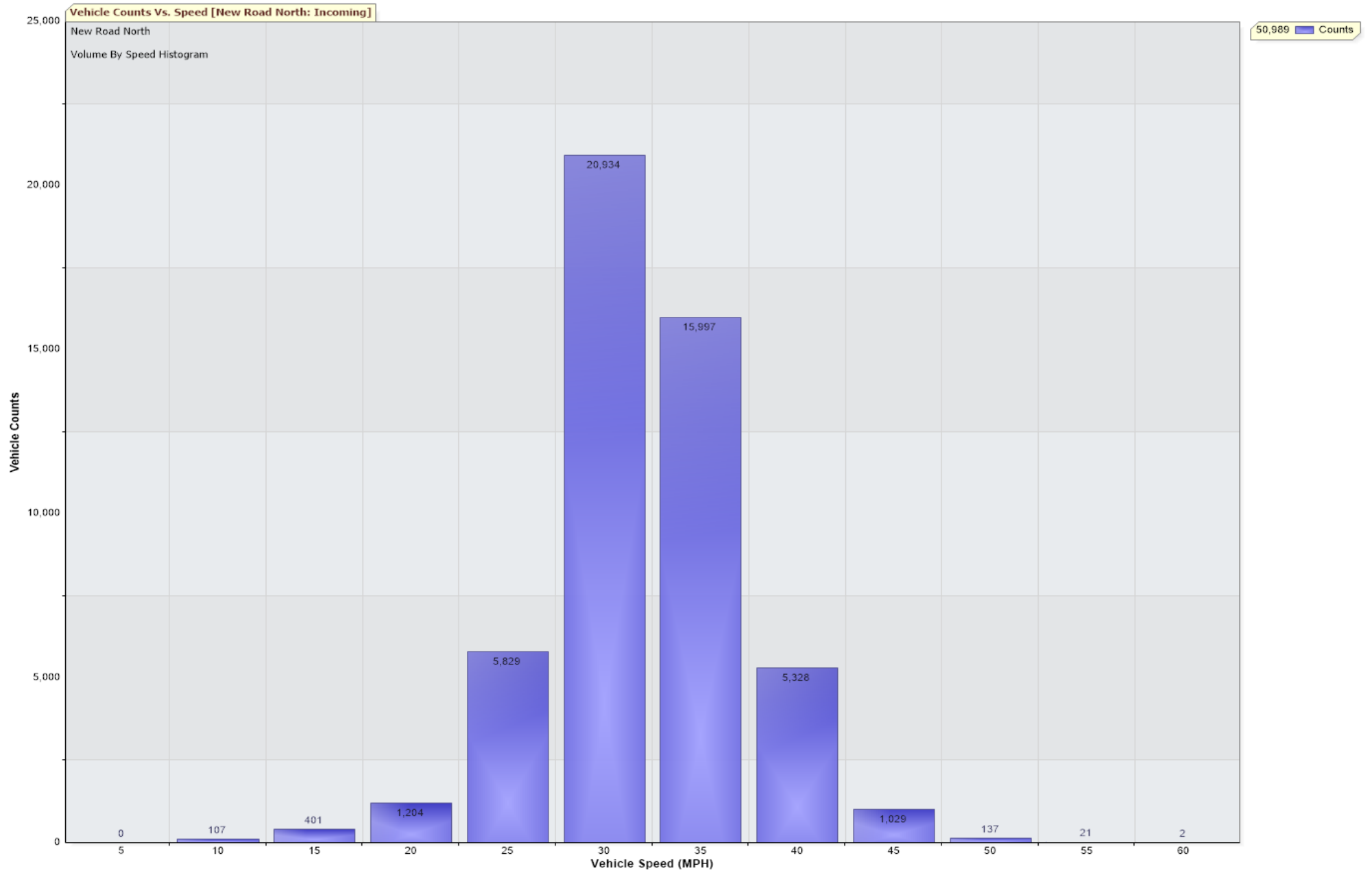


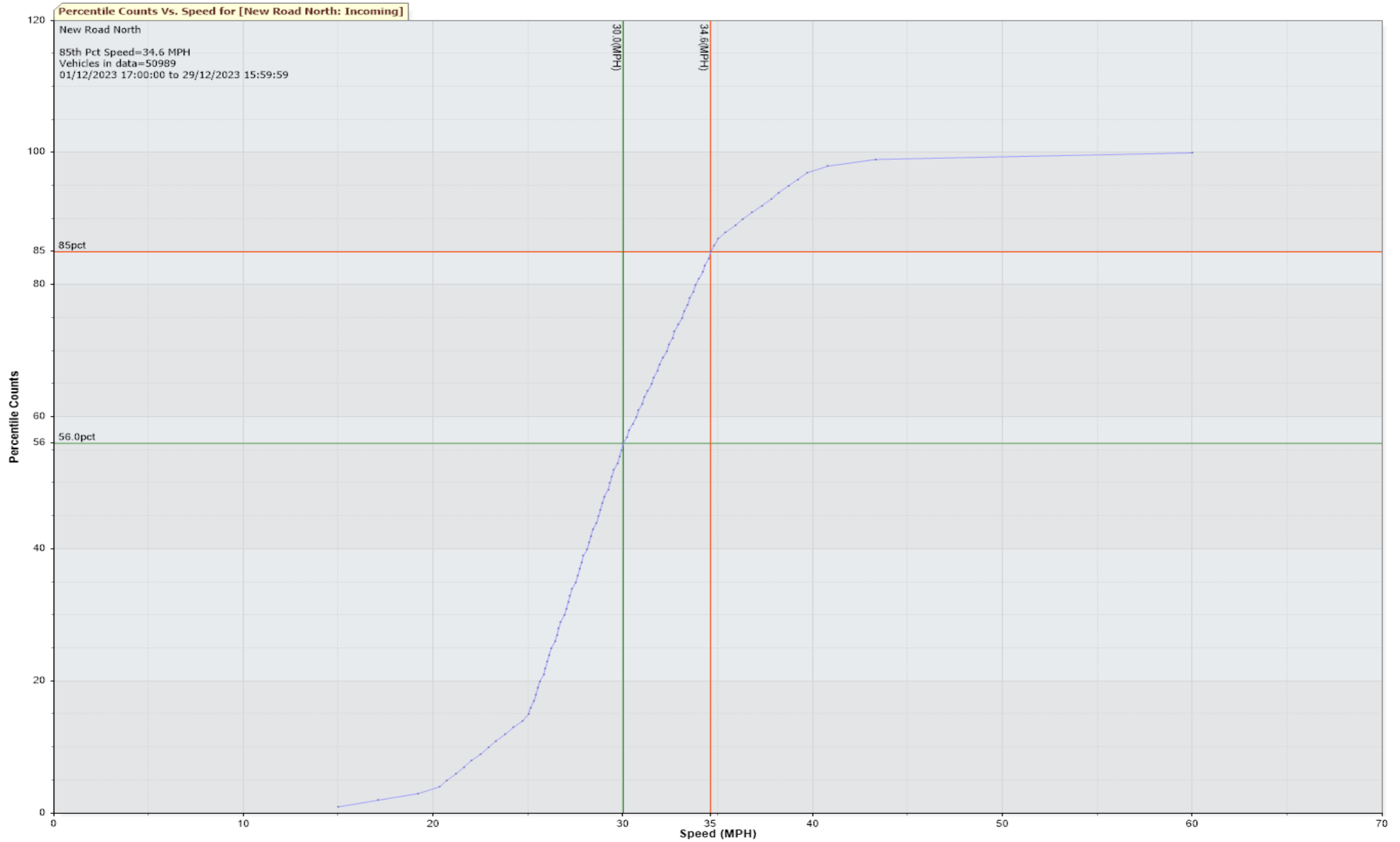
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

Zoom help

Vehicle Counts vs. Time [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.