

# TRAFFIC ANALYSIS REPORT FOR FEBRUARY 2024

## 1. Southam Lane

This month saw an average of 2231 cars per day. The average speed of motorized vehicles was 30.3 mph. 85% of all vehicles were travelling slower than 35.7 mph. The worst speeding event we had occurred at 11:45 am on the 28<sup>th</sup> February 2024 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 3.2% rain correction in this data.

For Project: Southam Lane West  
Projects Notes/Address:  
Report Generated: 29/05/2024 04:50:40 PM  
Speed Intervals = 5 MPH

Traffic Report From 02/02/2024 04:00:00 PM through 01/03/2024 12:59:59 PM

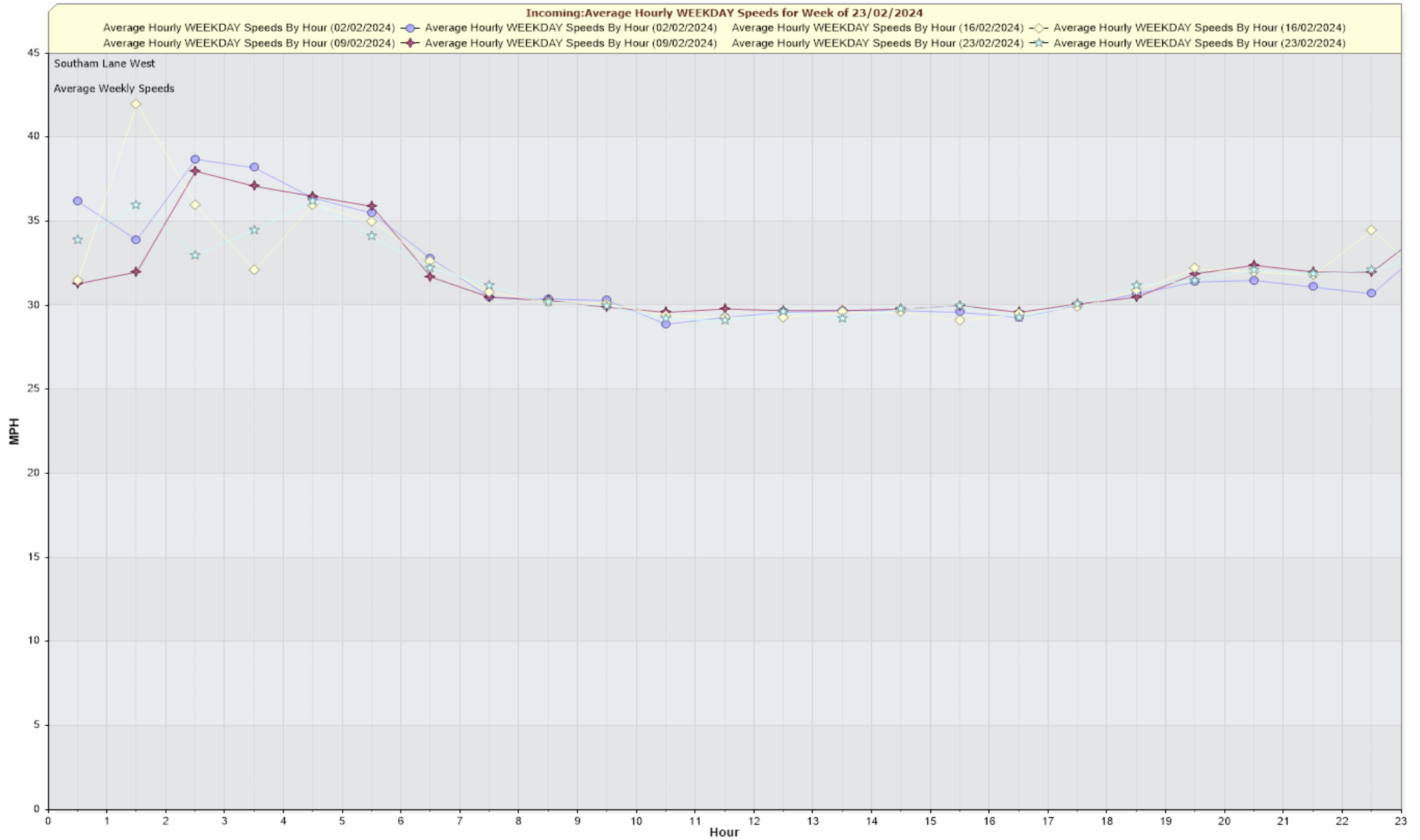
85th Percentile Speed = 35.7 MPH  
85th Percentile Vehicles = 52,858 counts  
Max Speed = 65.0 MPH on 28/02/2024 11:45:00  
Total Vehicles = 62,186 counts  
AADT: 2230.9

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,258	2,156
AM Peak	08:00 to 09:00	178	186
PM Peak	03:00 to 04:00	212	201

### Speed

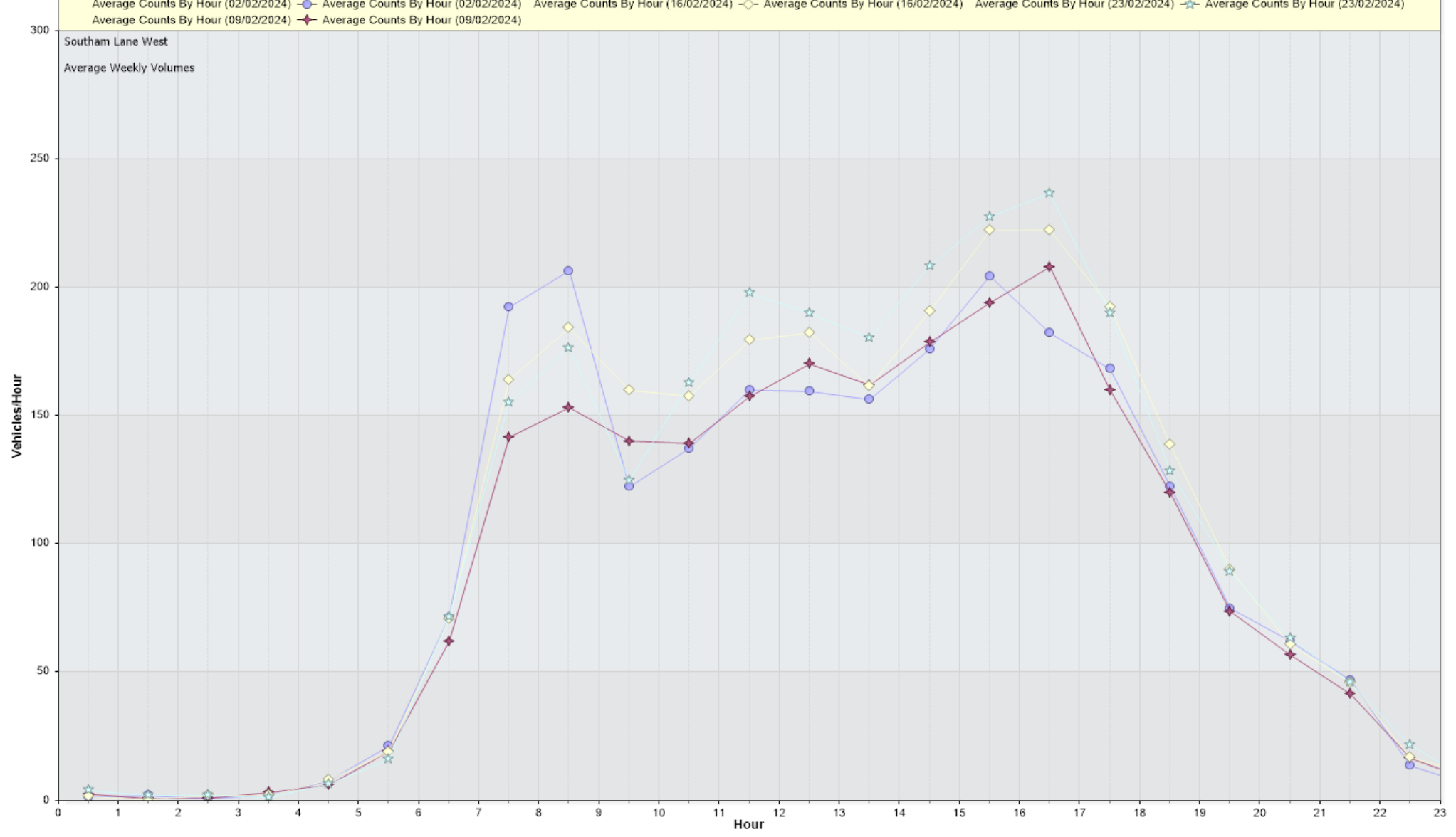
Speed Limit: 30 MPH  
85th Percentile Speed: 35.7 MPH  
50th Percentile Speed: 30.0 MPH  
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
Average Speed: 30.3 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	4593	4641	4568	4730	4427	4331	3767
% over limit	50.6	47.3	47.7	49.4	49.6	51.6	55.1
Avg Speeder	34.6	34.6	34.6	34.5	34.6	34.7	34.7



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.

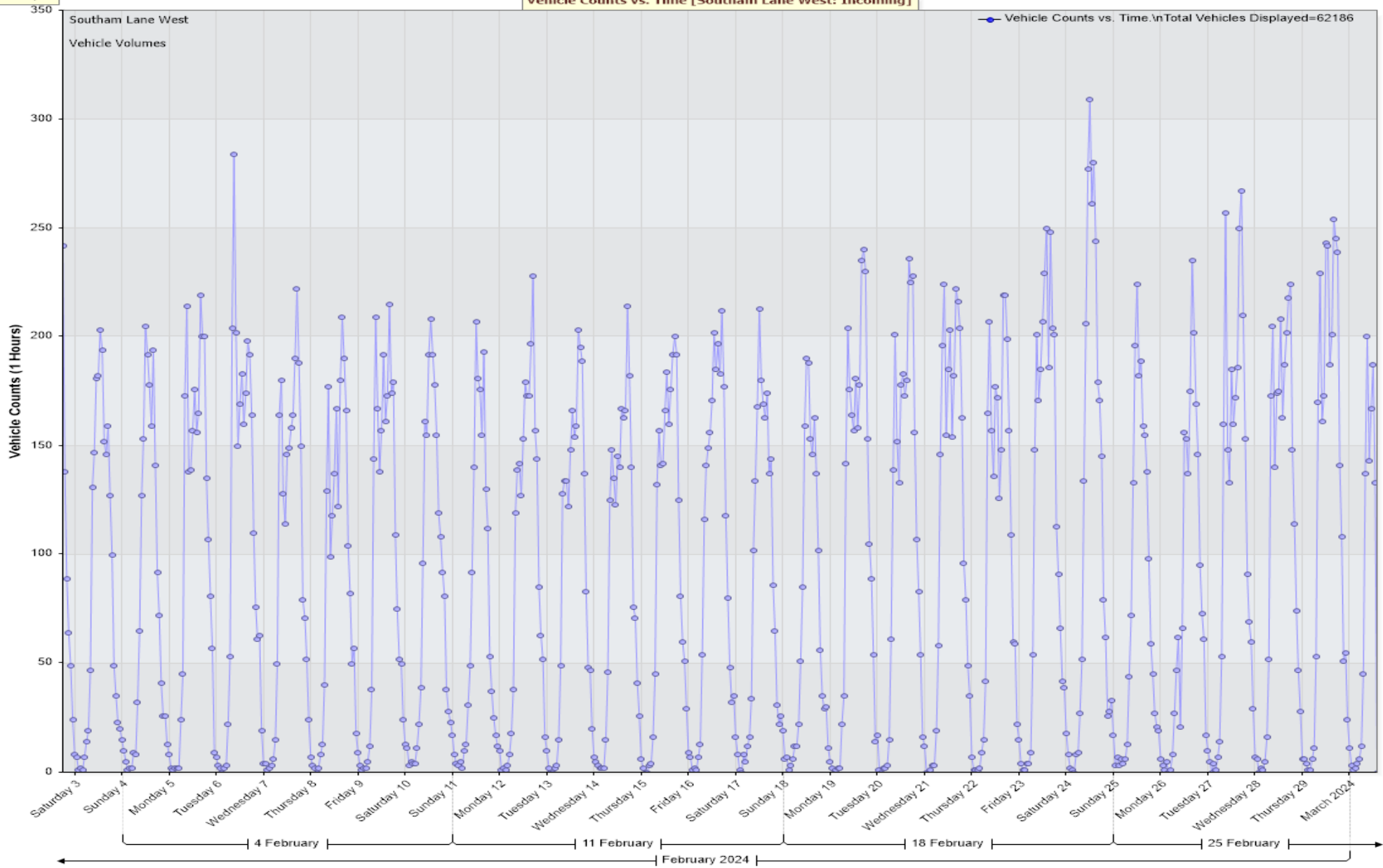
**Incoming: Average Hourly Volume for Week of 23/02/2024**

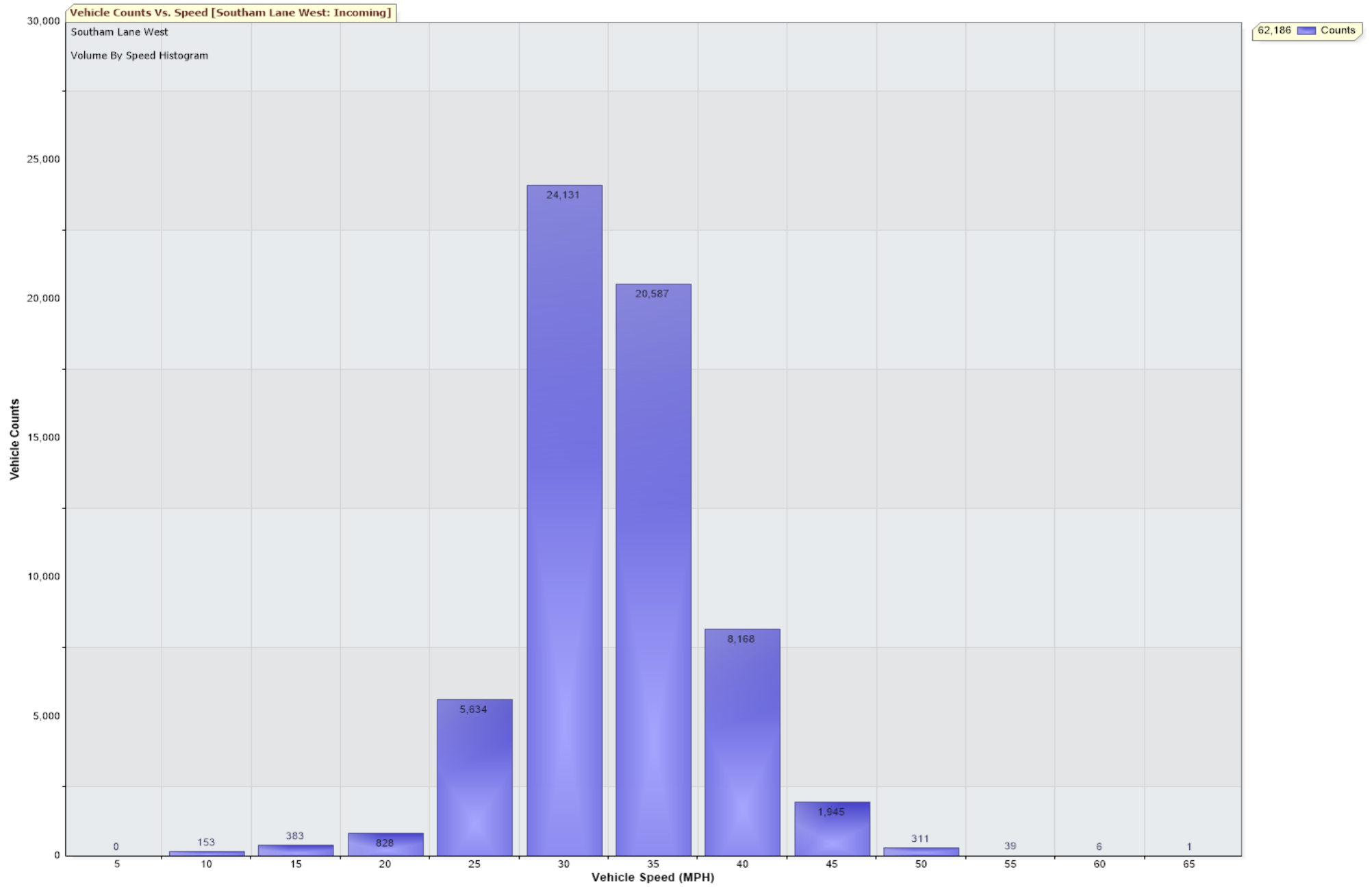


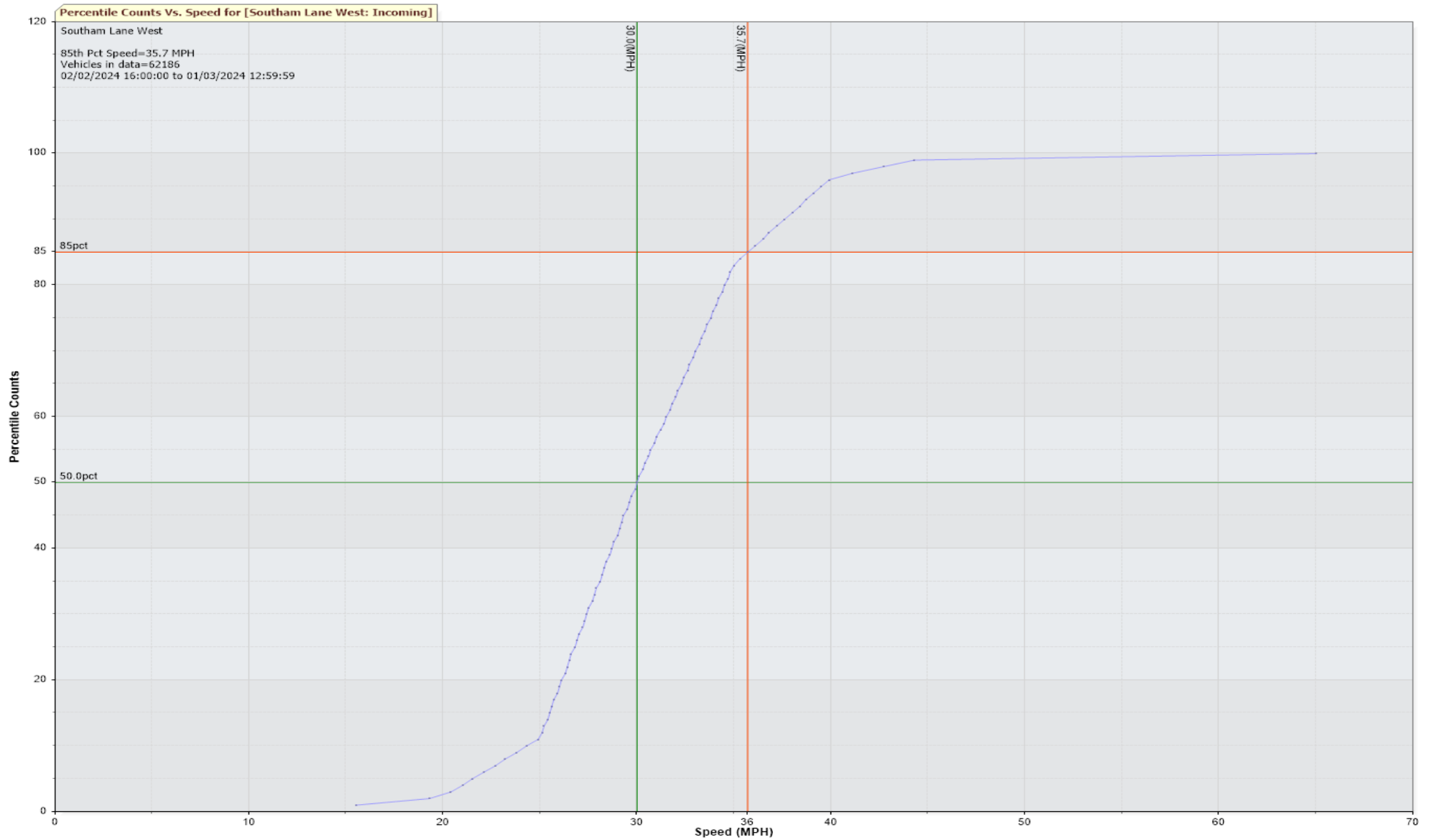
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 1780 cars per day. The average speed of motorized vehicles was 29.6 mph. 85% of all vehicles were travelling slower than 34.9mph. The worst speeding event we had occurred at 6:00 am on the 6<sup>th</sup> February 2024 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: 29/05/2024 05:13:59 PM  
Speed Intervals = 5 MPH

Traffic Report From 01/02/2024 04:00:00 PM through 29/02/2024 04:59:59 PM

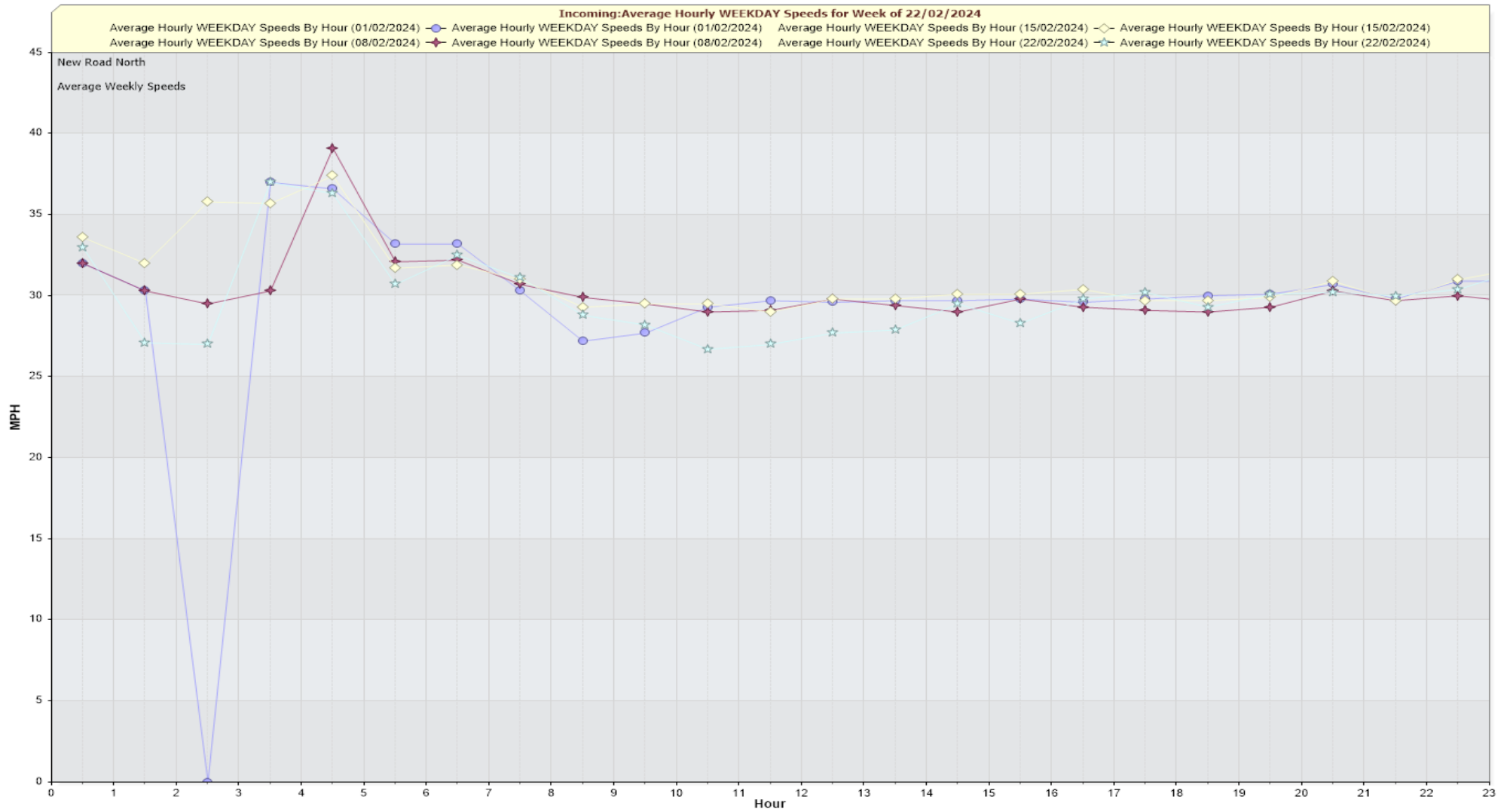
85th Percentile Speed = 34.9 MPH  
85th Percentile Vehicles = 42,425 counts  
Max Speed = 60.0 MPH on 06/02/2024 06:00:00  
Total Vehicles =49,912 counts  
AADT: 1779.9

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		1,848	1,727
AM Peak	08:00 to 09:00	236	188
PM Peak	03:00 to 04:00	161	144

### Speed

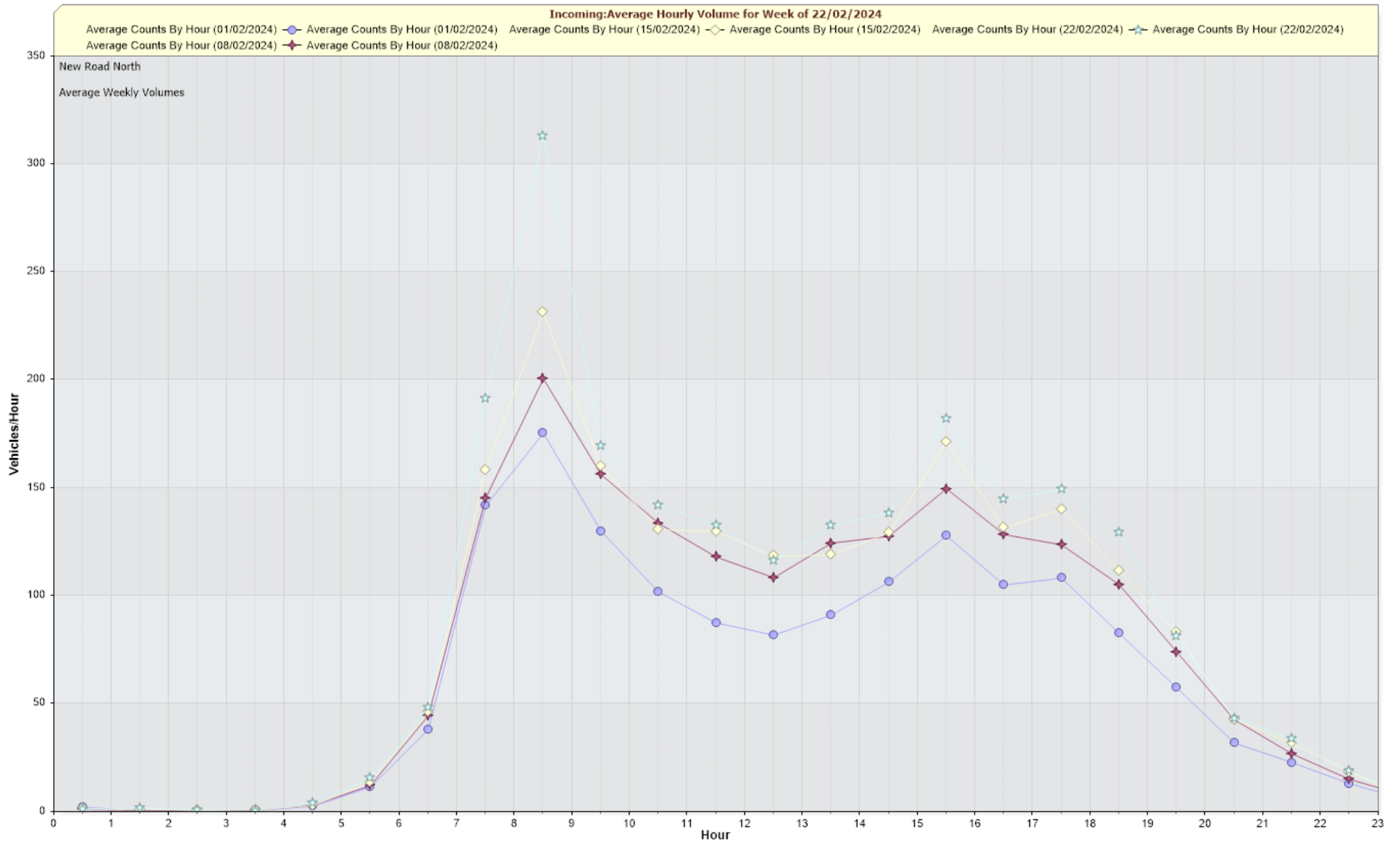
Speed Limit: 30 MPH  
85th Percentile Speed: 34.9 MPH  
50th Percentile Speed: 29.5 MPH  
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
Average Speed: 29.6 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3514	3625	3795	3250	3291	3107	2551
% over limit	46.6	45.2	45.6	42.6	47.0	49.2	50.2
Avg Speeder	34.5	34.3	34.3	34.2	34.3	34.5	34.5



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.

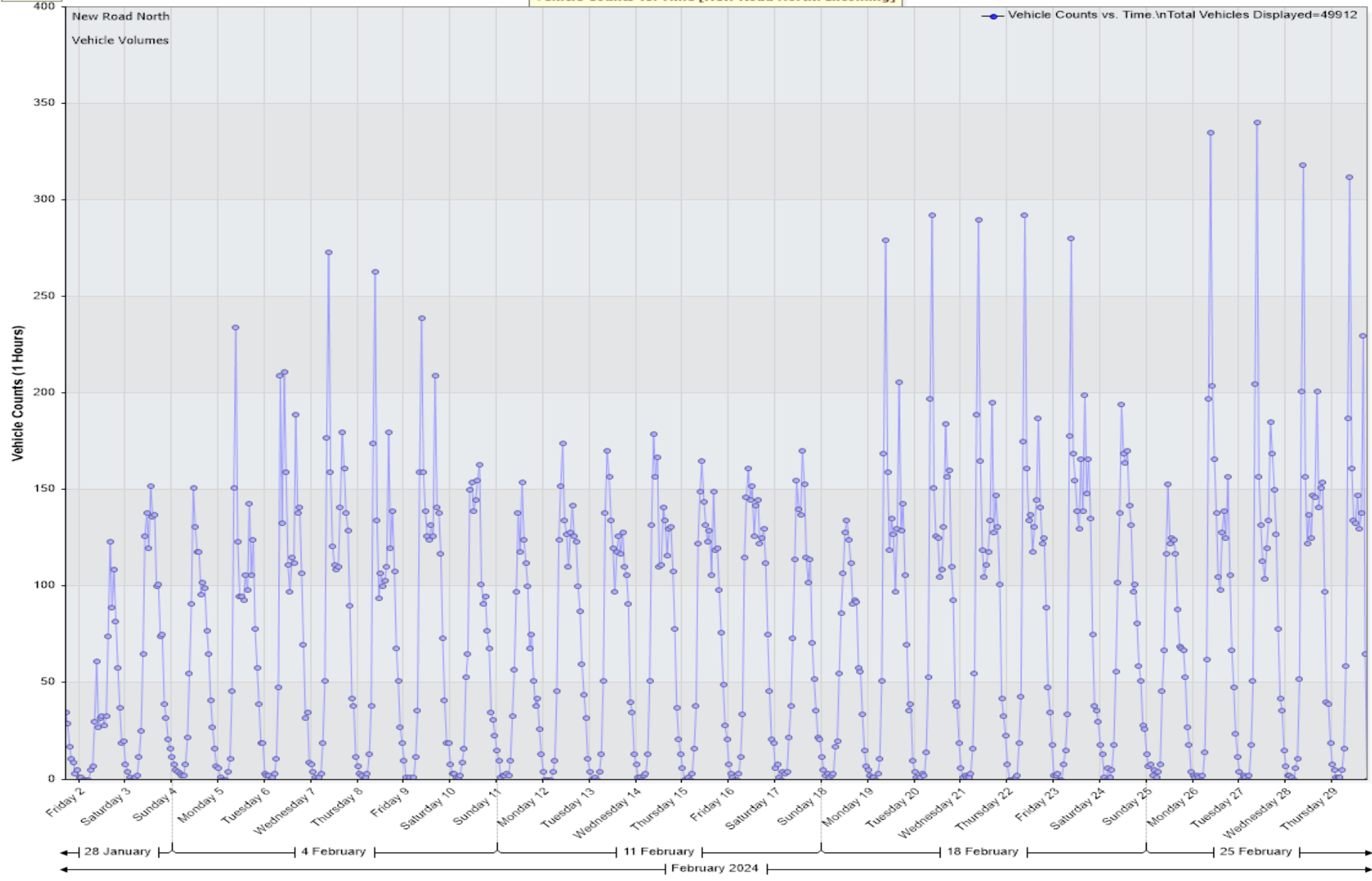


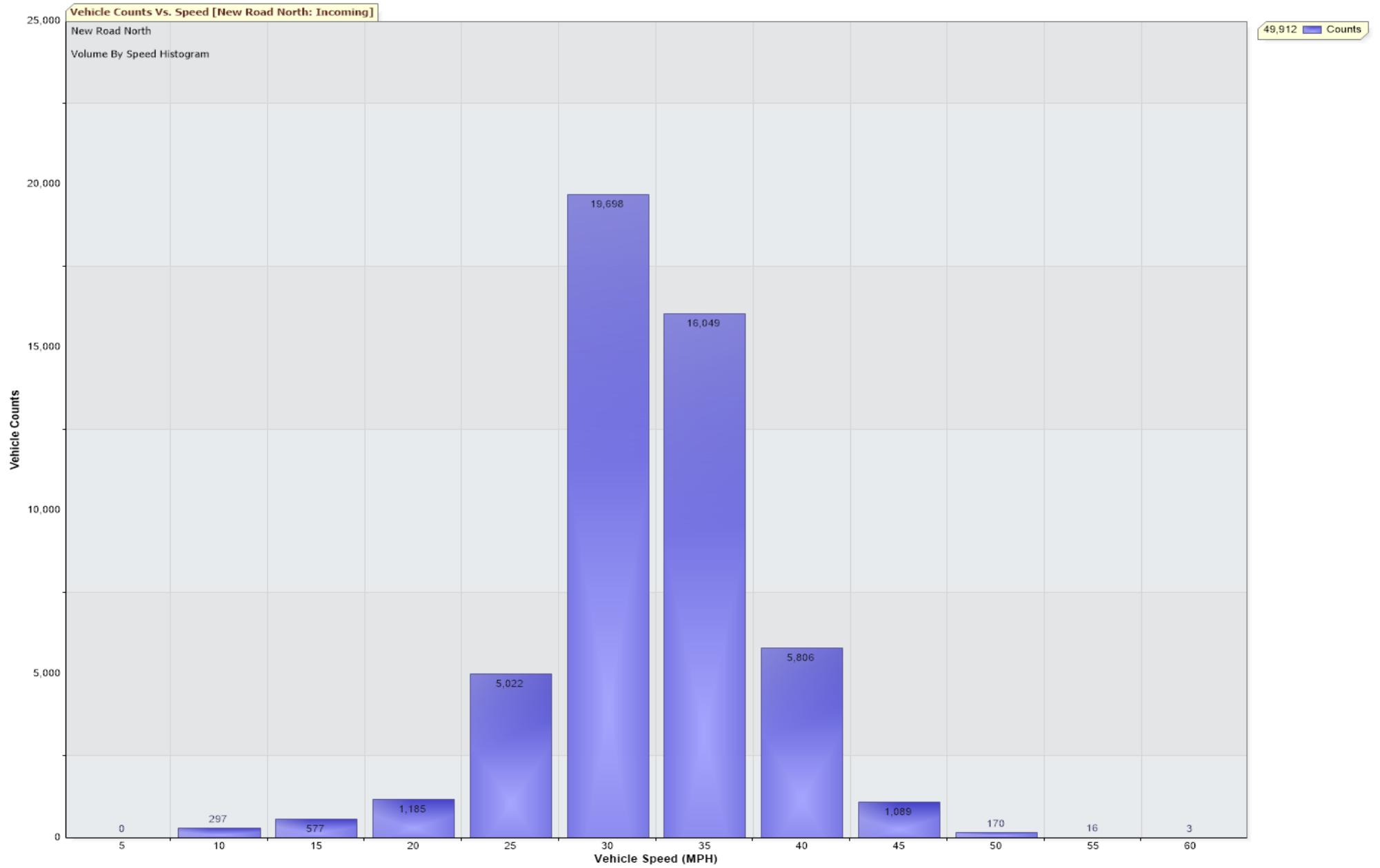


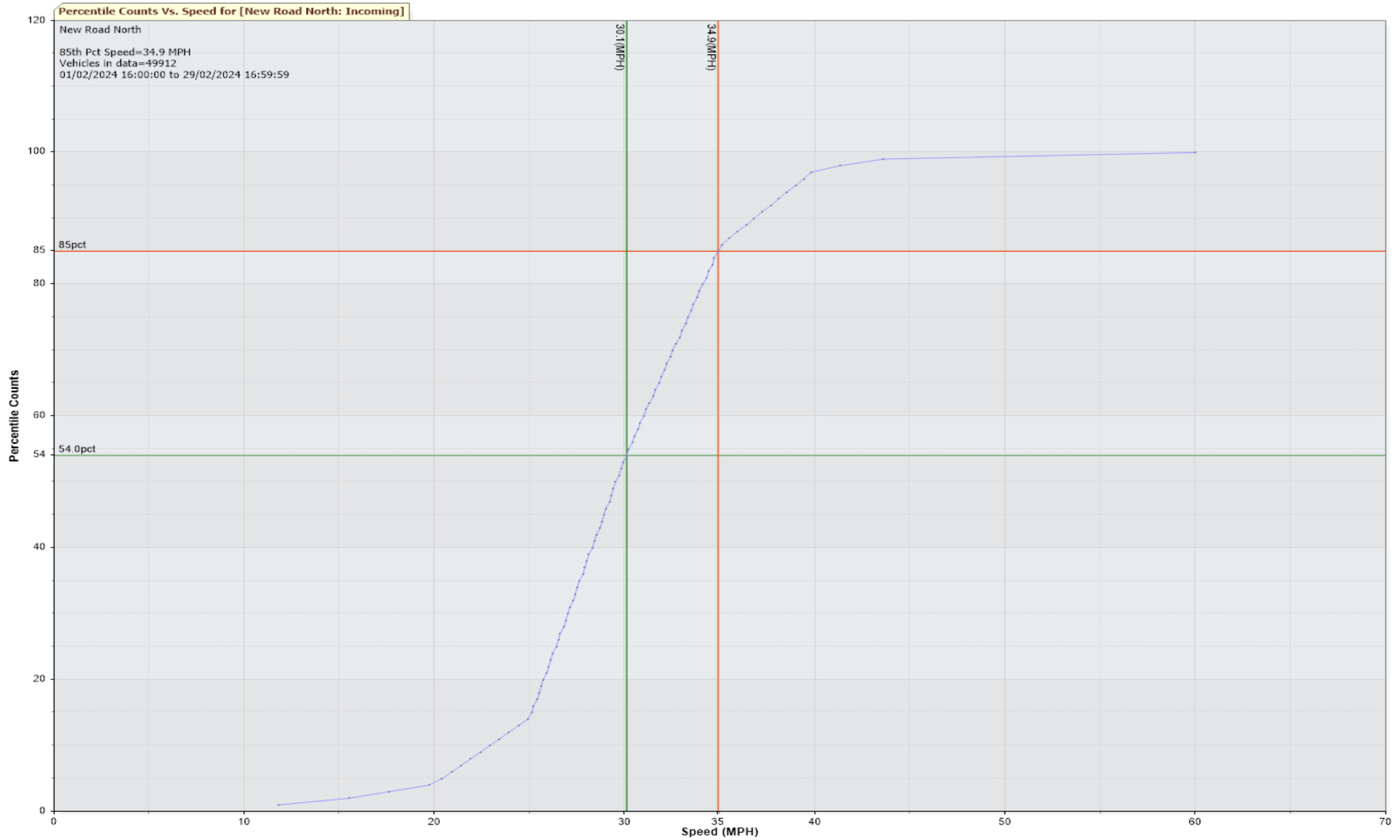
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.