

TRAFFIC ANALYSIS REPORT FOR JANUARY 2024

1. Southam Lane

This month saw an average of 2304 cars per day. The average speed of motorized vehicles was 30.1 mph. 85% of all vehicles were travelling slower than 35.3 mph. The worst speeding event we had occurred at 5:45 pm on the 14th January 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 2.4% rain correction in this data. Note the compressed scale of the vehicle counts per hour is the result of the traffic spike caused by the races on the 1st of January 2024, barely visible on the left side of the graph.

For Project: Southam Lane West
Report Generated: 23/02/2024 12:27:42 PM
Speed Intervals = 5 MPH

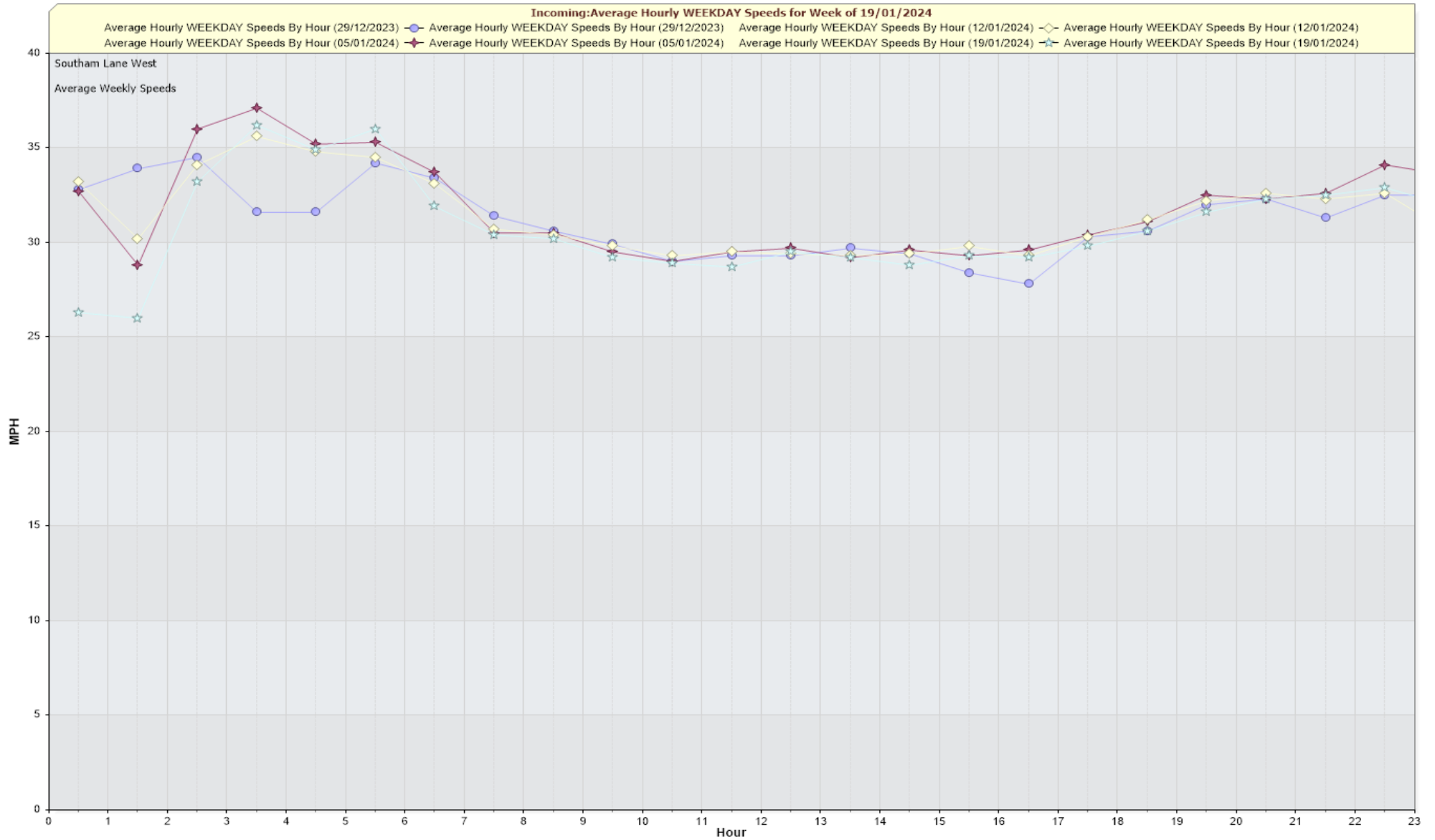
Traffic Report From 01/01/2024 03:00:00 PM through 31/01/2024 03:59:59 PM

85th Percentile Speed = 35.3 MPH
85th Percentile Vehicles = 58,844 counts
Max Speed = 65.0 MPH on 14/01/2024 17:45:00
Total Vehicles = 69,228 counts
AADT: 2304.4

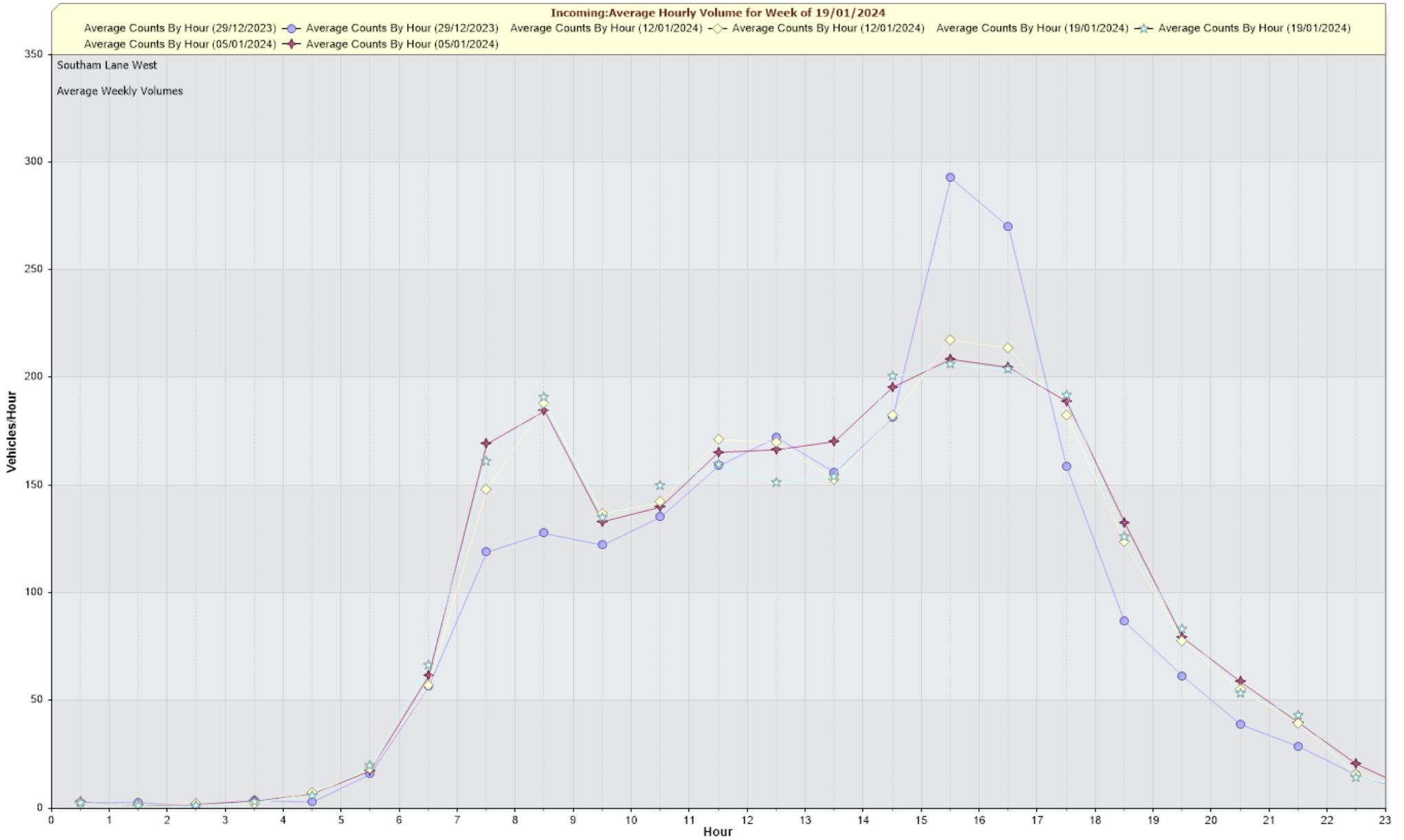
Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,333	2,221
AM Peak	08:00 to 09:00	194	176
PM Peak	03:00 to 04:00	233	224

Speed
Speed Limit: 30 MPH
85th Percentile Speed: 35.3 MPH
50th Percentile Speed: 29.7 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 30.1 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	5124	5683	5593	4487	4288	4162	3612
% over limit	45.6	47.1	47.8	47.8	46.3	47.9	52.5
Avg Speeder	34.5	34.5	34.6	34.5	34.6	34.6	34.8



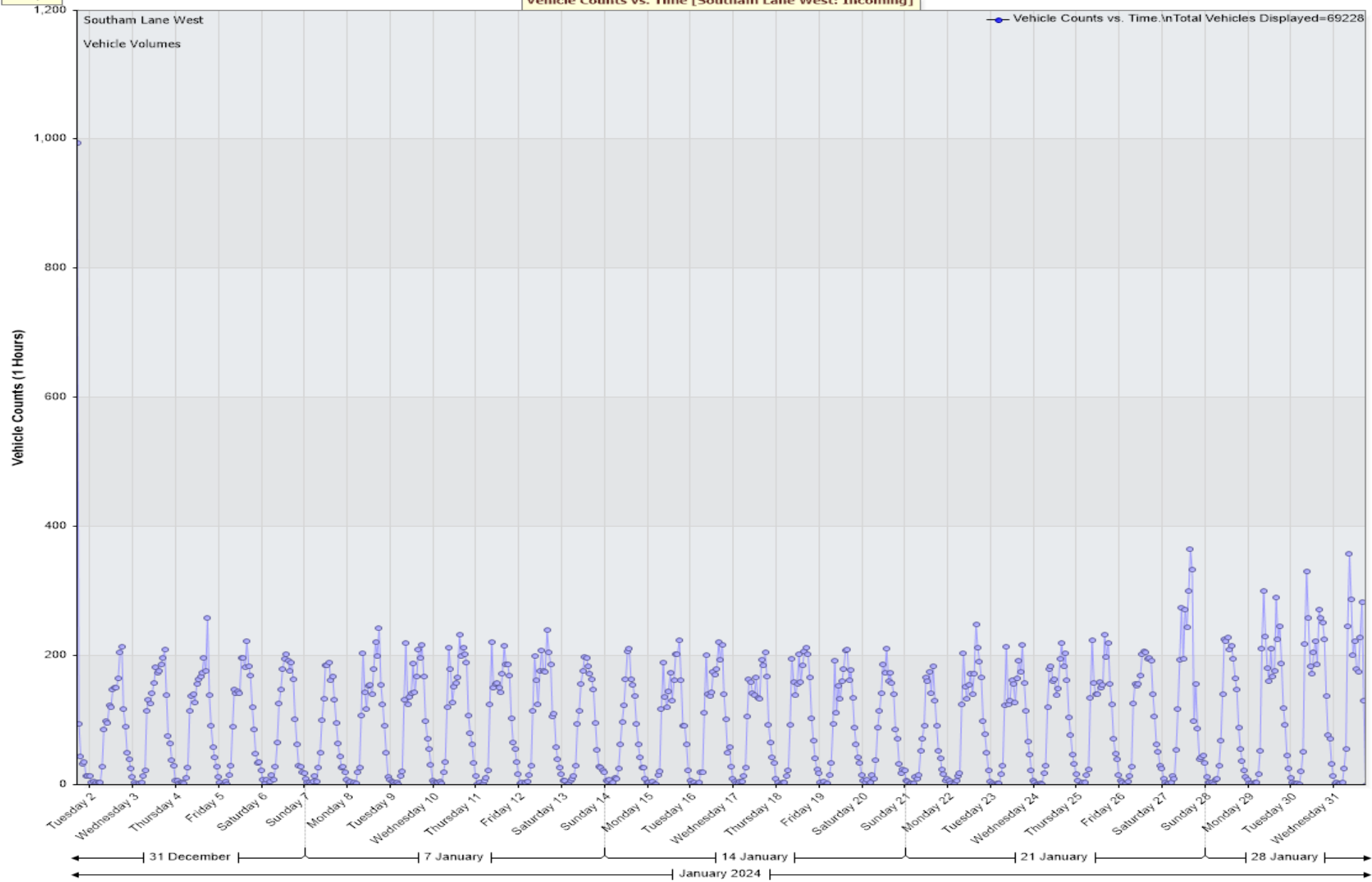
These graphs show the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

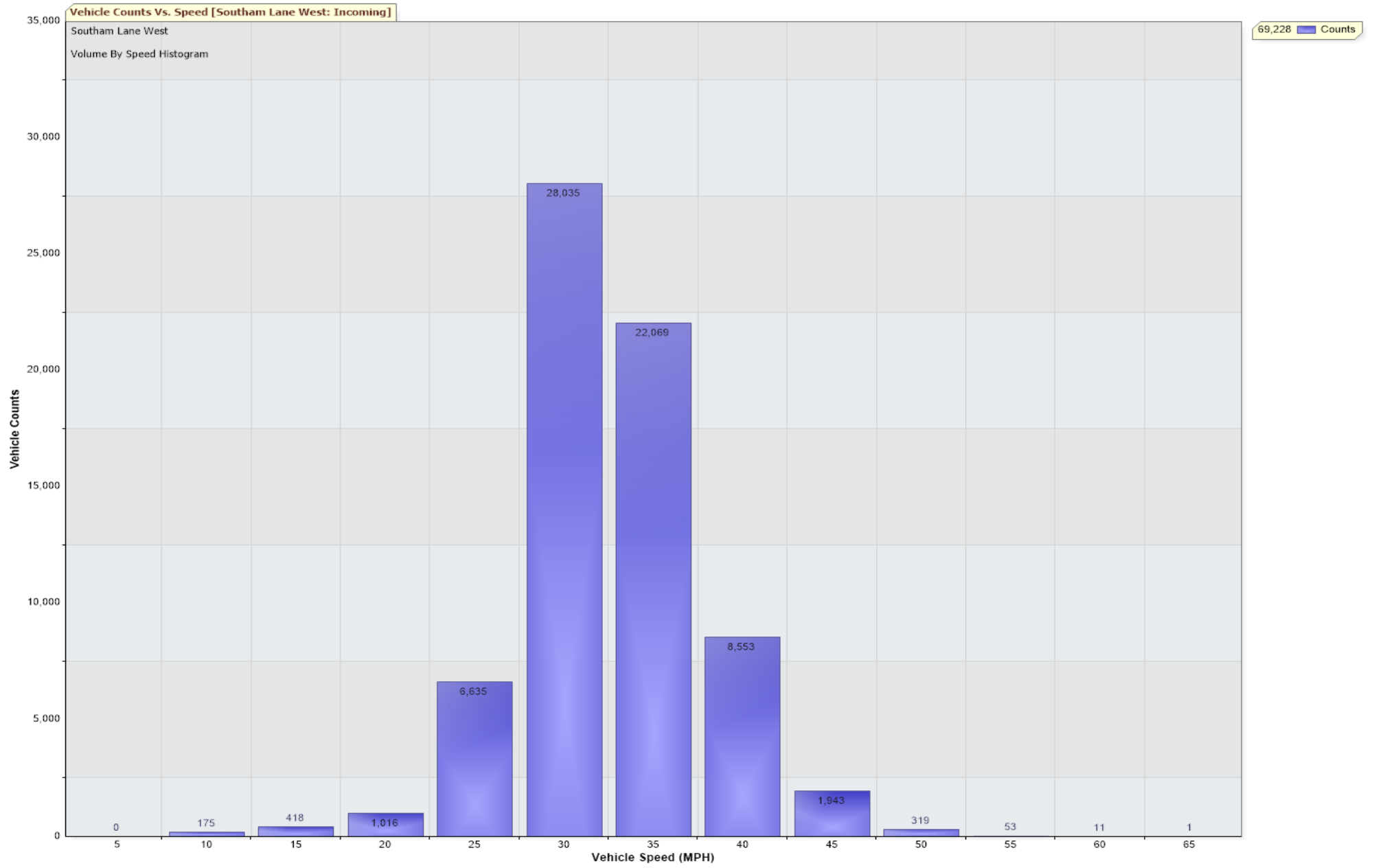


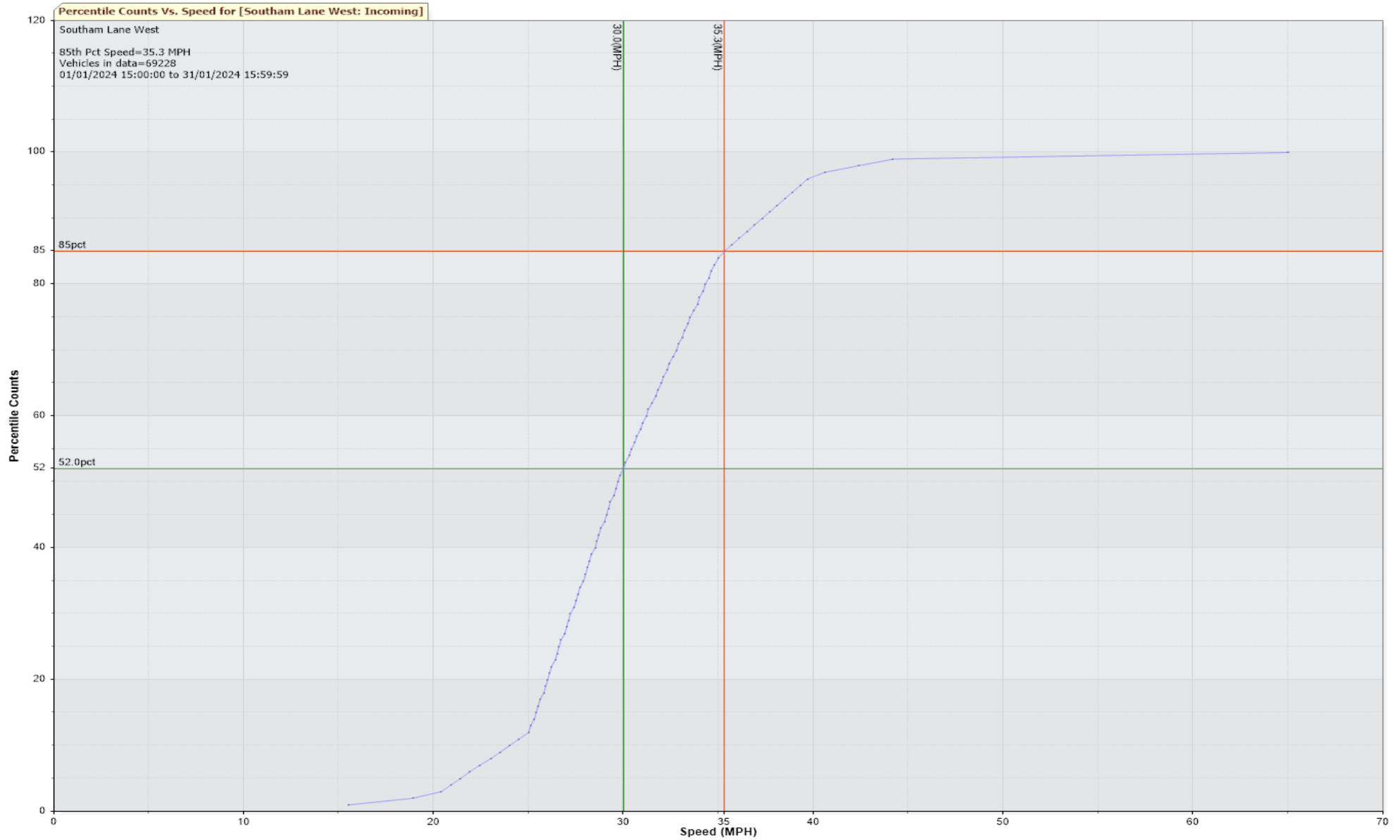
These graphs show the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 1903 cars per day. The average speed of motorized vehicles was 29.2 mph. 85% of all vehicles were travelling slower than 34.6 mph. The worst speeding event we had occurred at 7:45 pm on the 5th January 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: 15/02/2024 12:57:49 PM
Speed Intervals = 5 MPH

Traffic Report From 05/01/2024 05:00:00 PM through 26/01/2024 03:59:59 PM

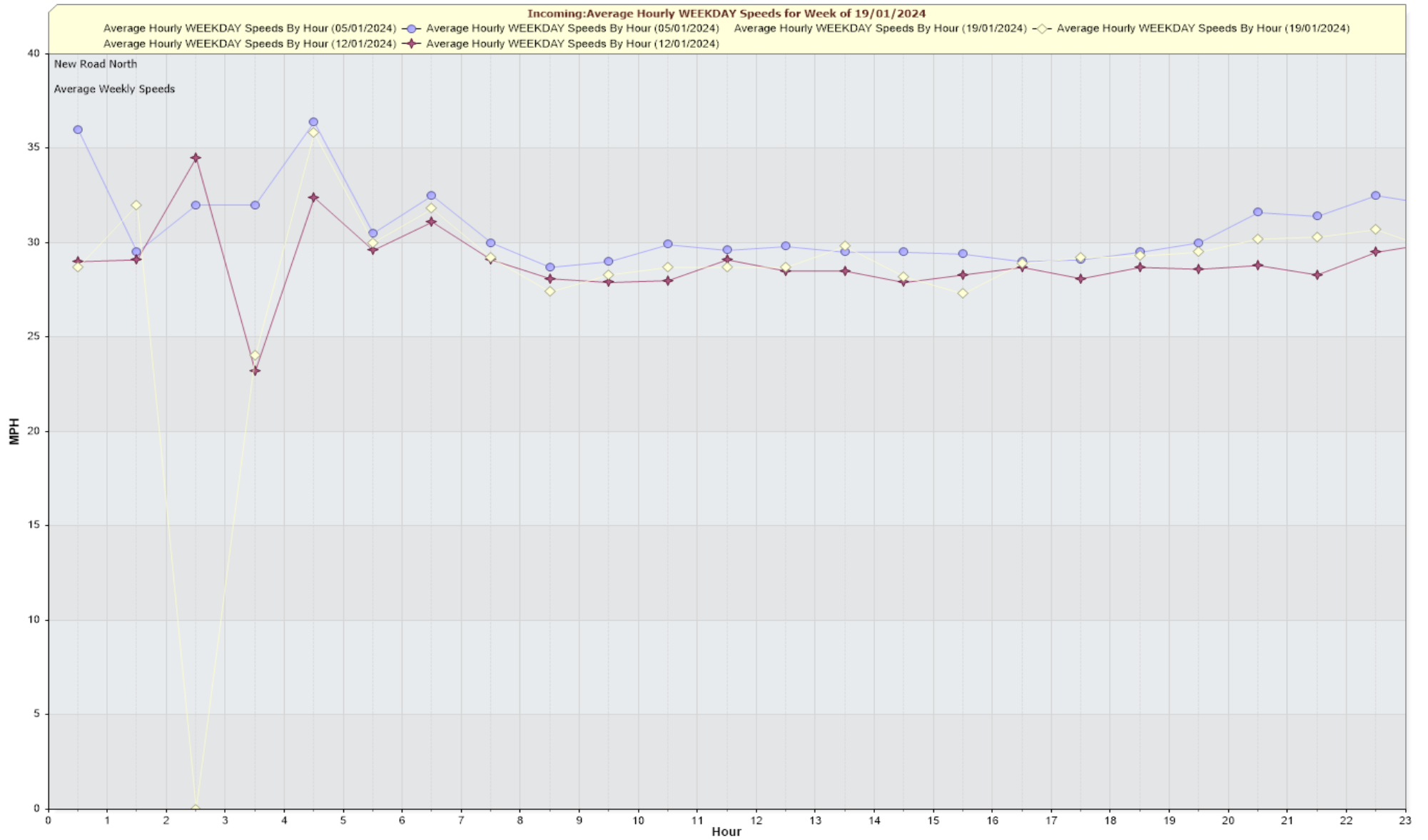
85th Percentile Speed = 34.6 MPH
85th Percentile Vehicles = 33,907 counts
Max Speed = 60.0 MPH on 05/01/2024 19:45:00
Total Vehicles = 39,891 counts
AADT: 1903.3

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		1,983	1,827
AM Peak	08:00 to 09:00	296	231
PM Peak	03:00 to 04:00	184	162

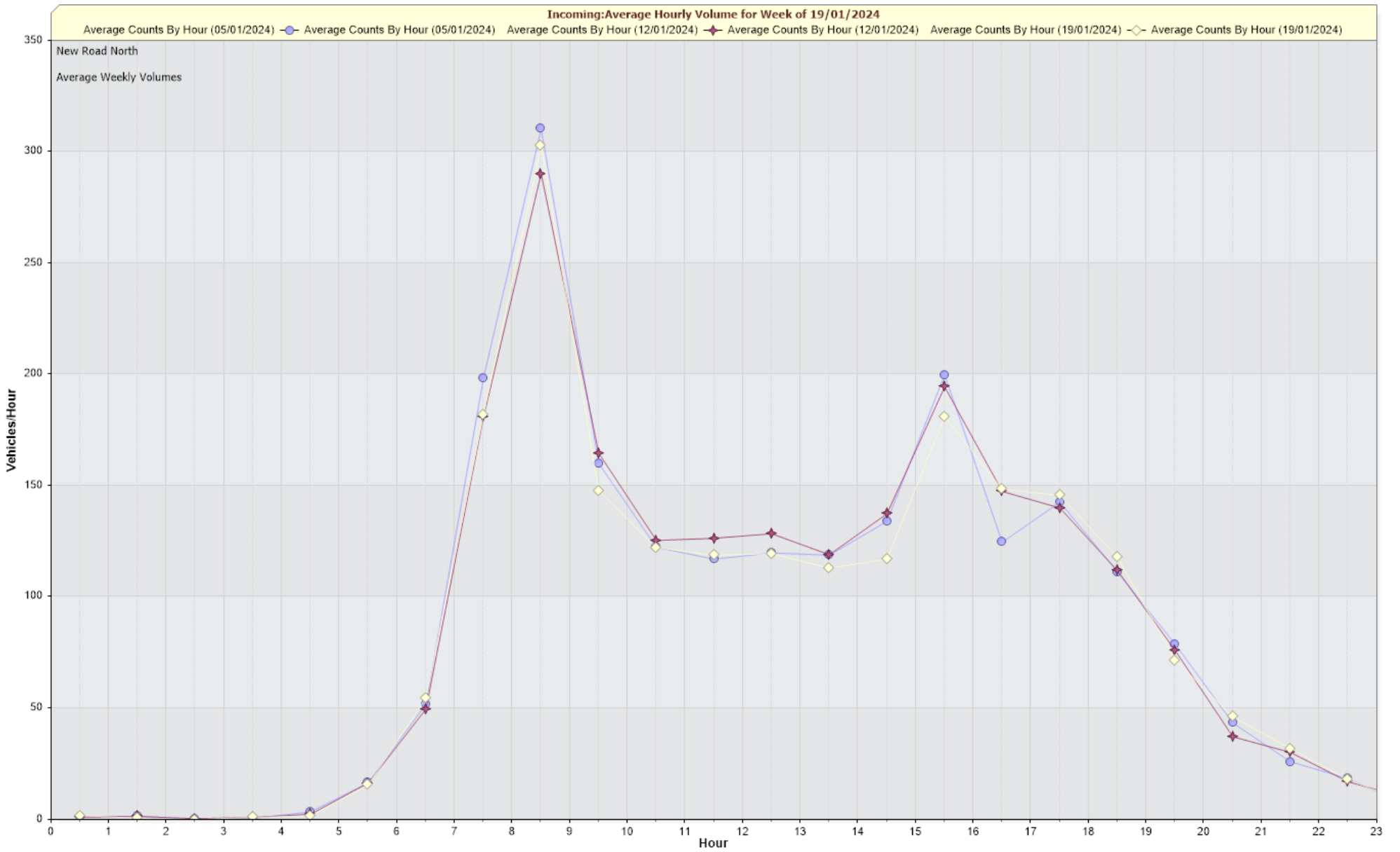
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 34.6 MPH
50th Percentile Speed: 29.1 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 29.2 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	2739	2800	2760	2144	2306	2379	1900
% over limit	45.6	44.5	41.7	34.1	37.9	49.1	50.4
Avg Speeder	34.3	34.4	34.1	34.1	34.2	34.5	34.5



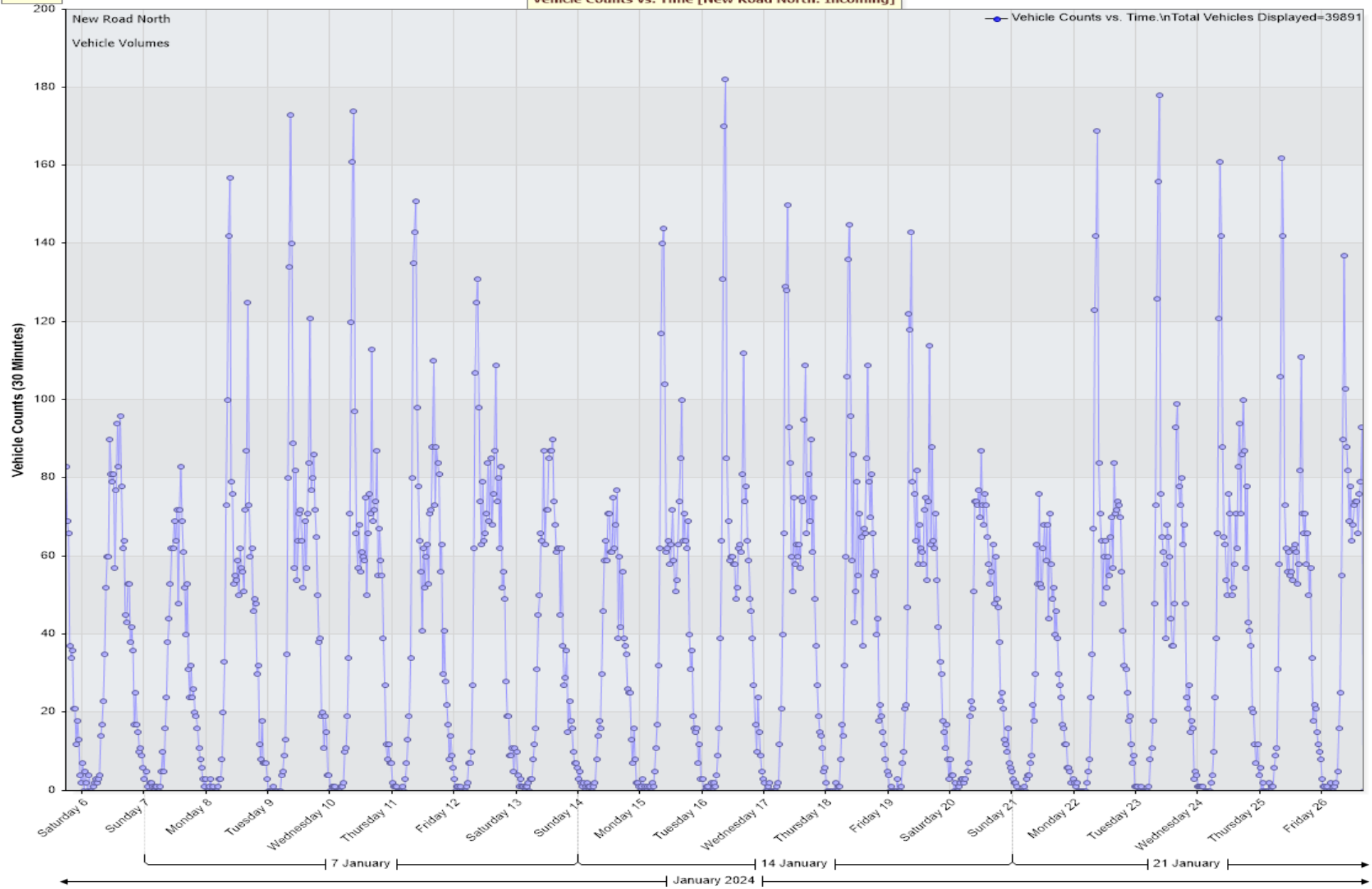
These graphs show the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

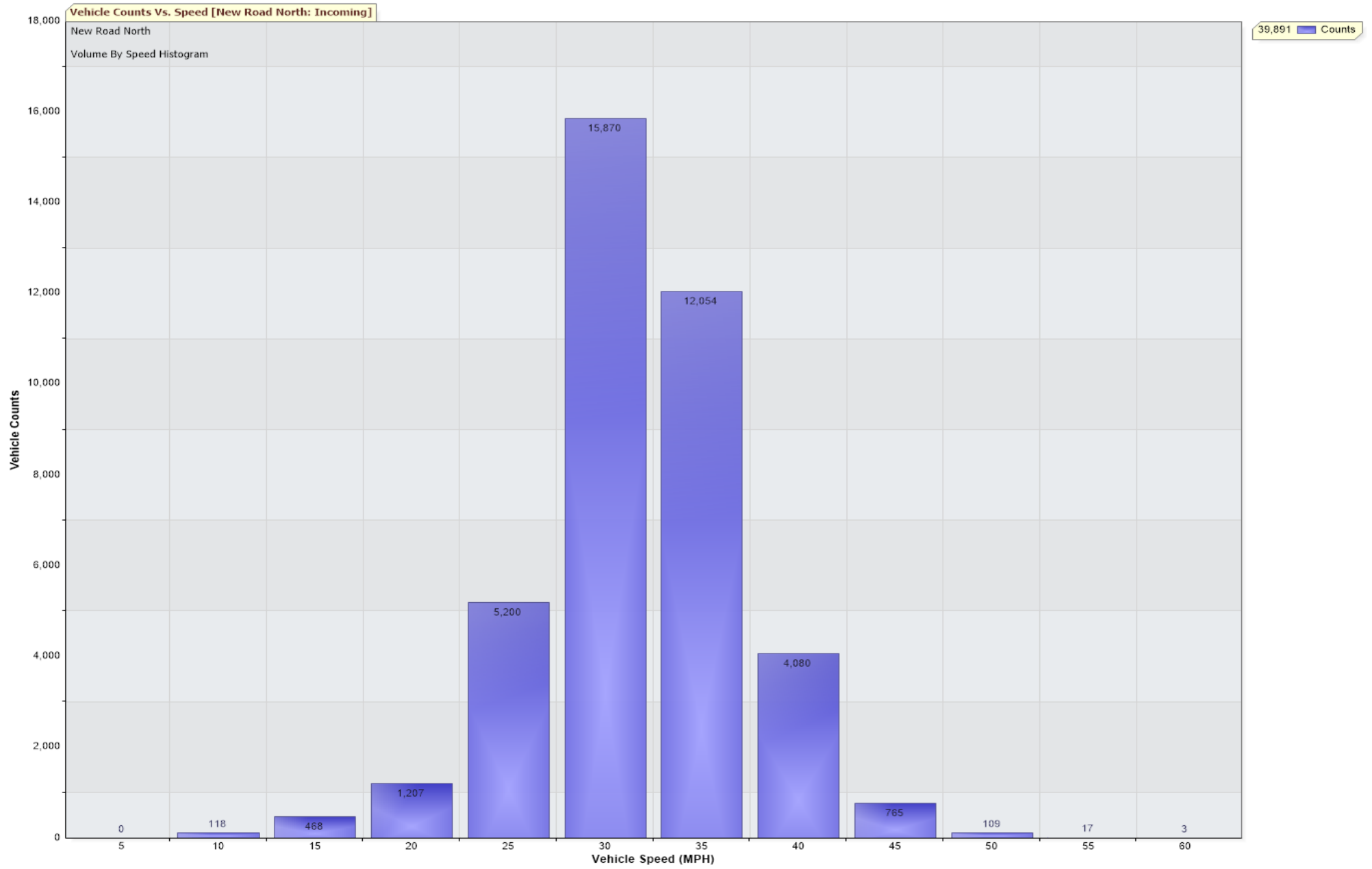


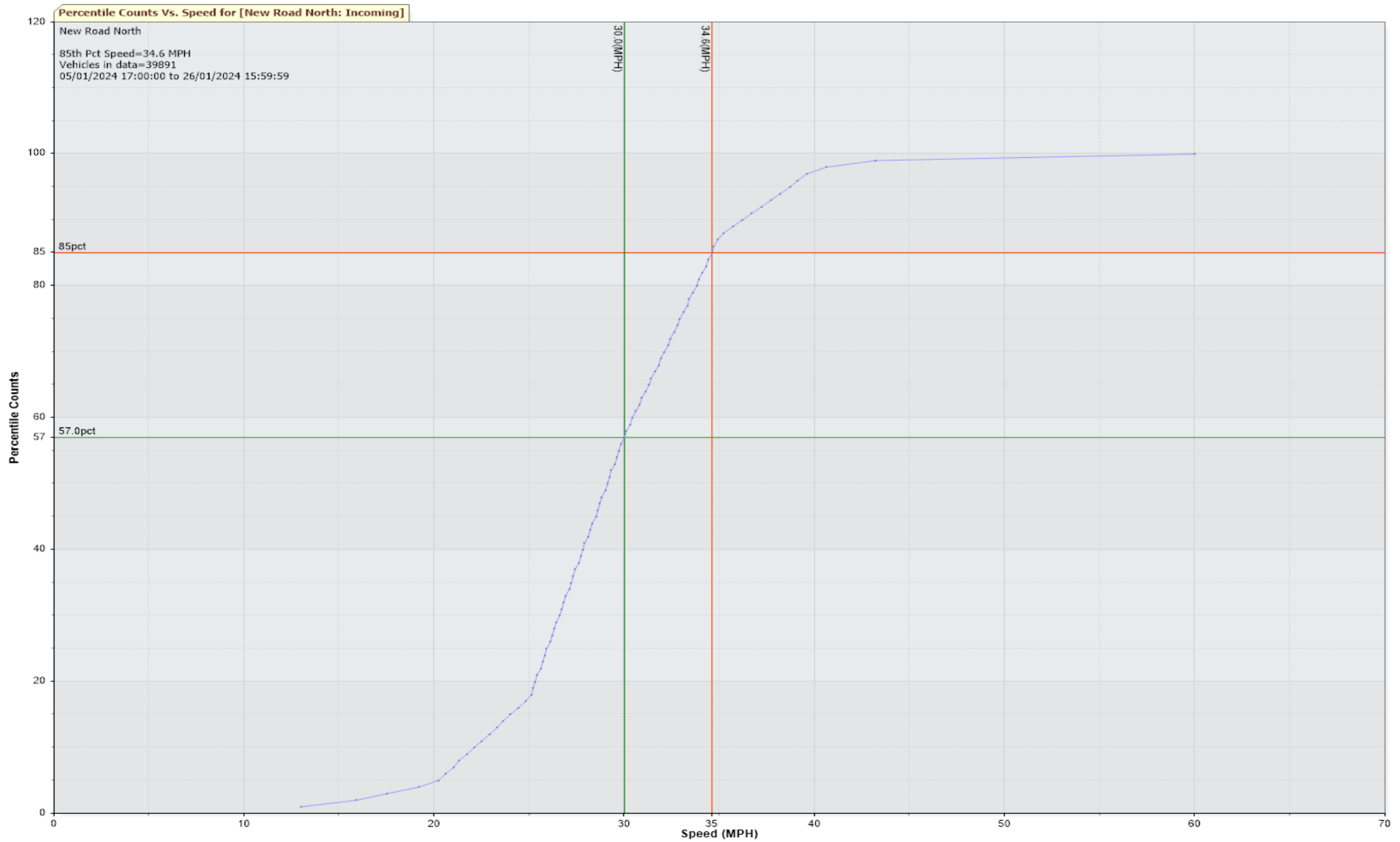
These graphs show the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

Zoom help

Vehicle Counts vs. Time [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.