

TRAFFIC ANALYSIS REPORT FOR NOVEMBER 2023

1. Southam Lane

This month saw an average of 2425 cars per day. The average speed of motorized vehicles was 29.9 mph. 85% of all vehicles were travelling slower than 34.9 mph. The worst speeding event we had occurred at 8:30am on the 10th Nov 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 4.0% rain correction in this data.

For Project: Southam Lane West
Report Generated: 19/02/2024 12:58:15 PM
Speed Intervals = 5 MPH

Traffic Report From 01/11/2023 03:00:00 PM through 30/11/2023 03:59:59 PM

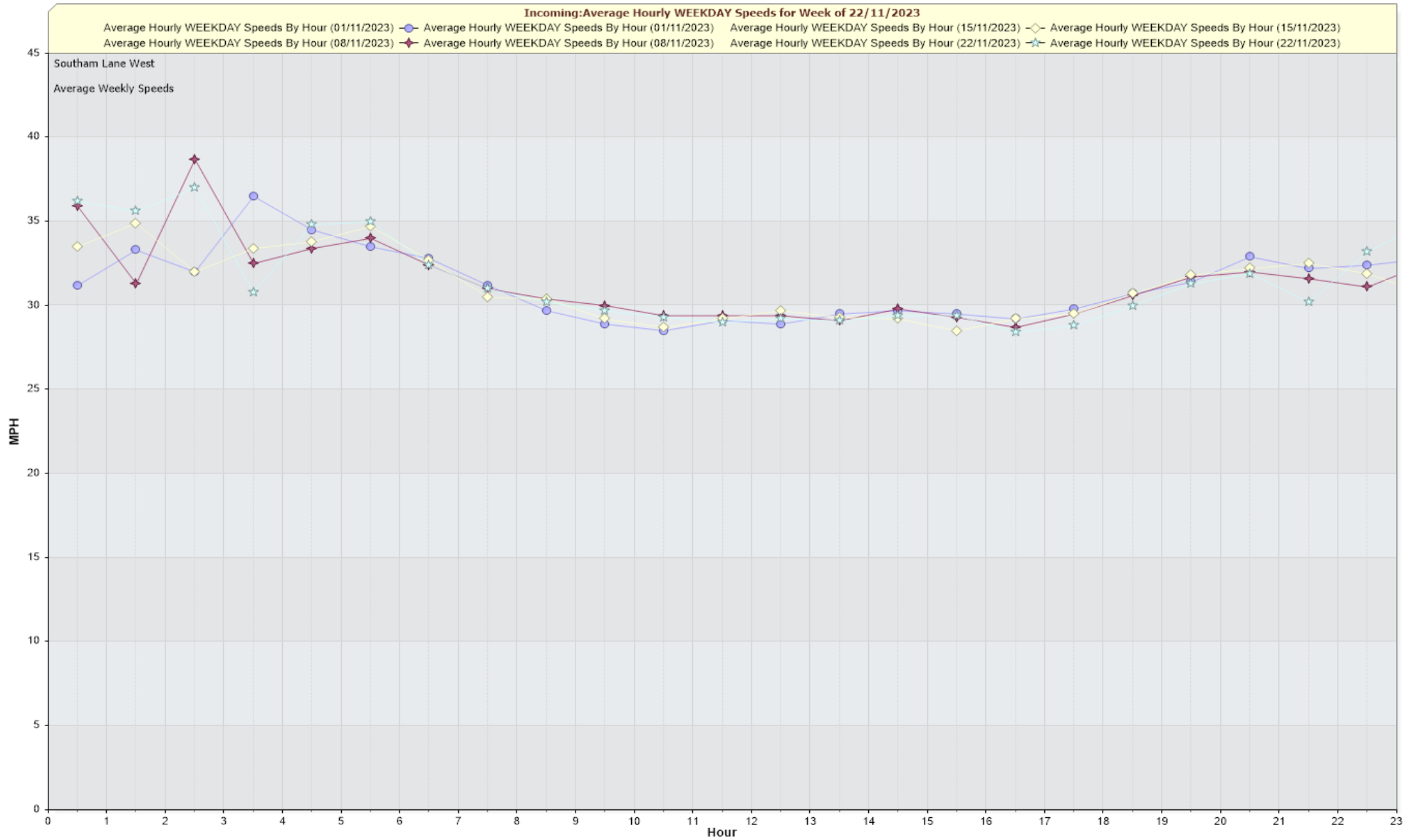
85th Percentile Speed = 34.9 MPH
85th Percentile Vehicles = 59,863 counts
Max Speed = 60.0 MPH on 10/11/2023 08:30:00
Total Vehicles =70,427 counts
AADT: 2425.0

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,423	2,351
AM Peak	08:00 to 09:00	198	170
PM Peak	03:00 to 04:00	232	244

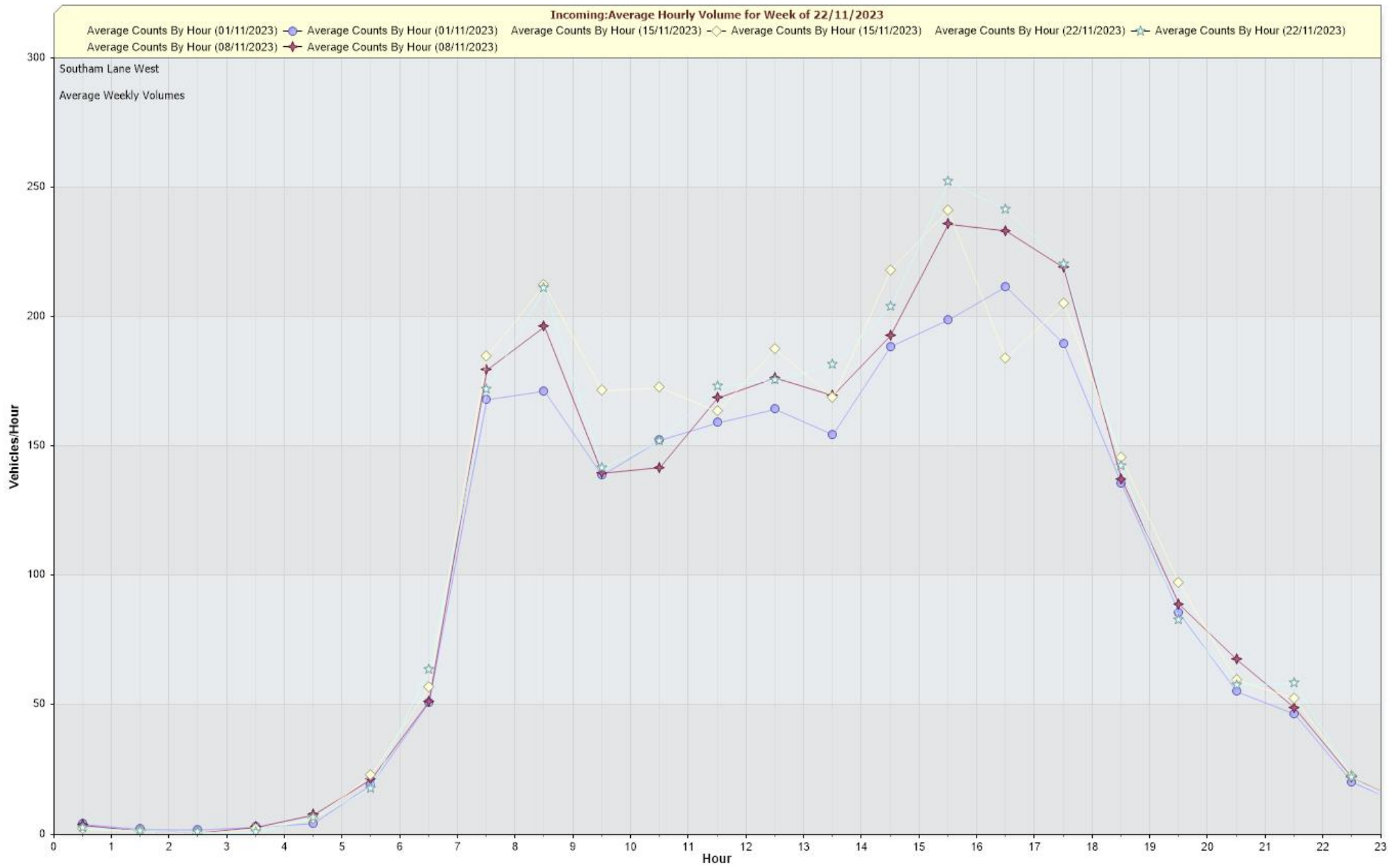
Speed

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: 29.9 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	4452	4792	5232	5379	4613	4348	3764
% over limit	45.0	47.2	46.3	46.6	45.4	46.1	47.3
Avg Speeder	34.3	34.5	34.5	34.5	34.4	34.5	34.4



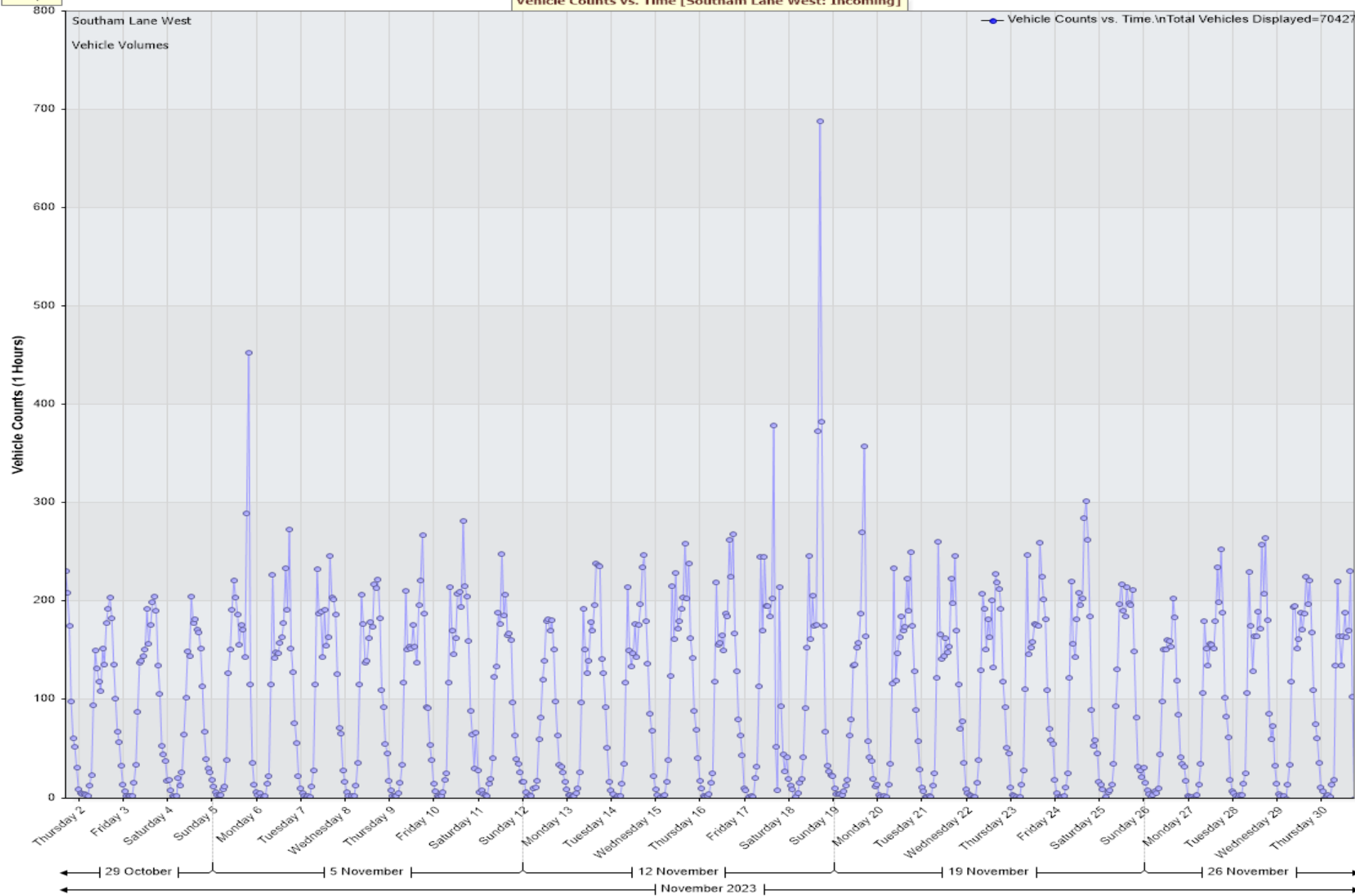
These graphs show the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

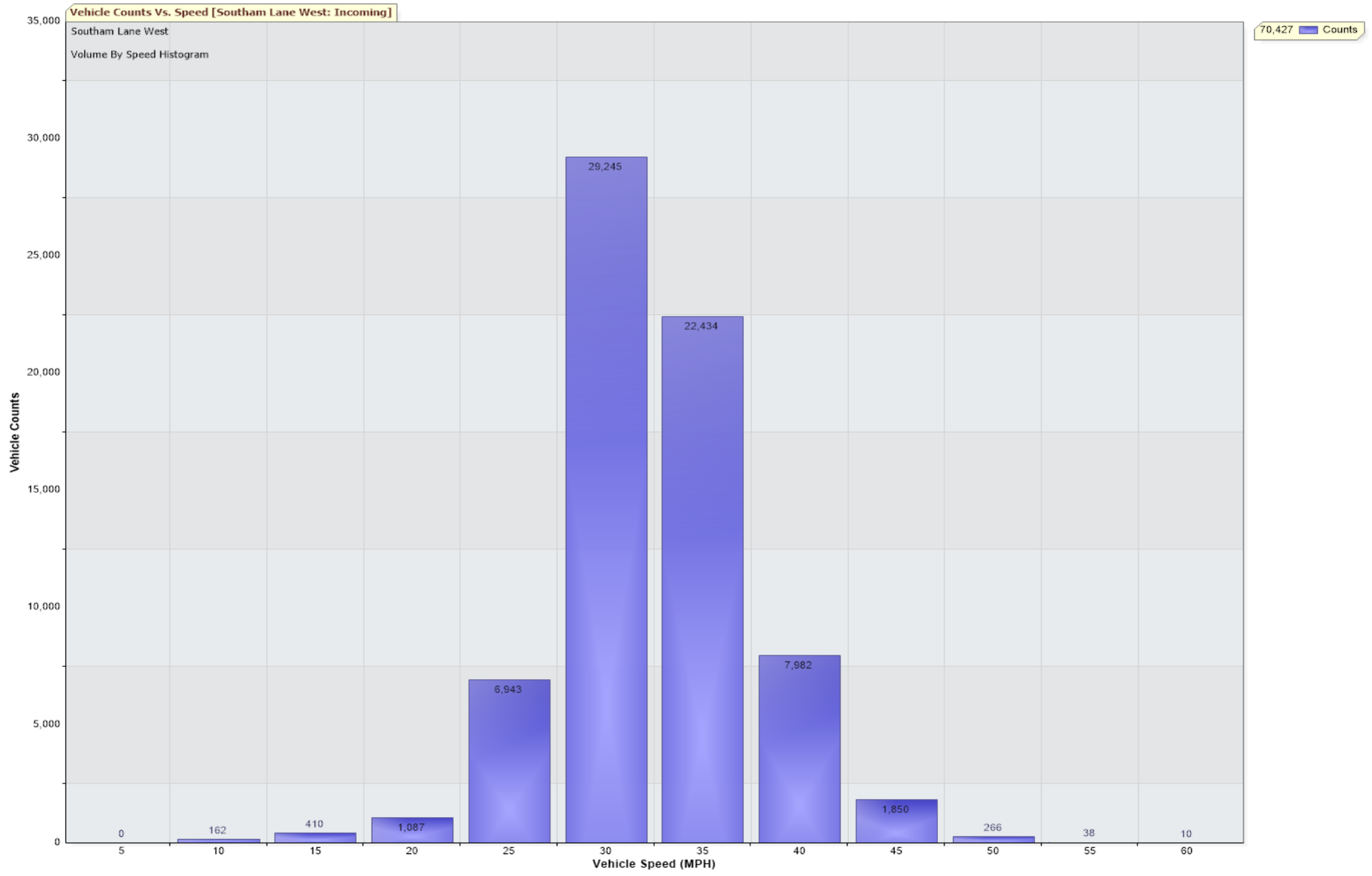


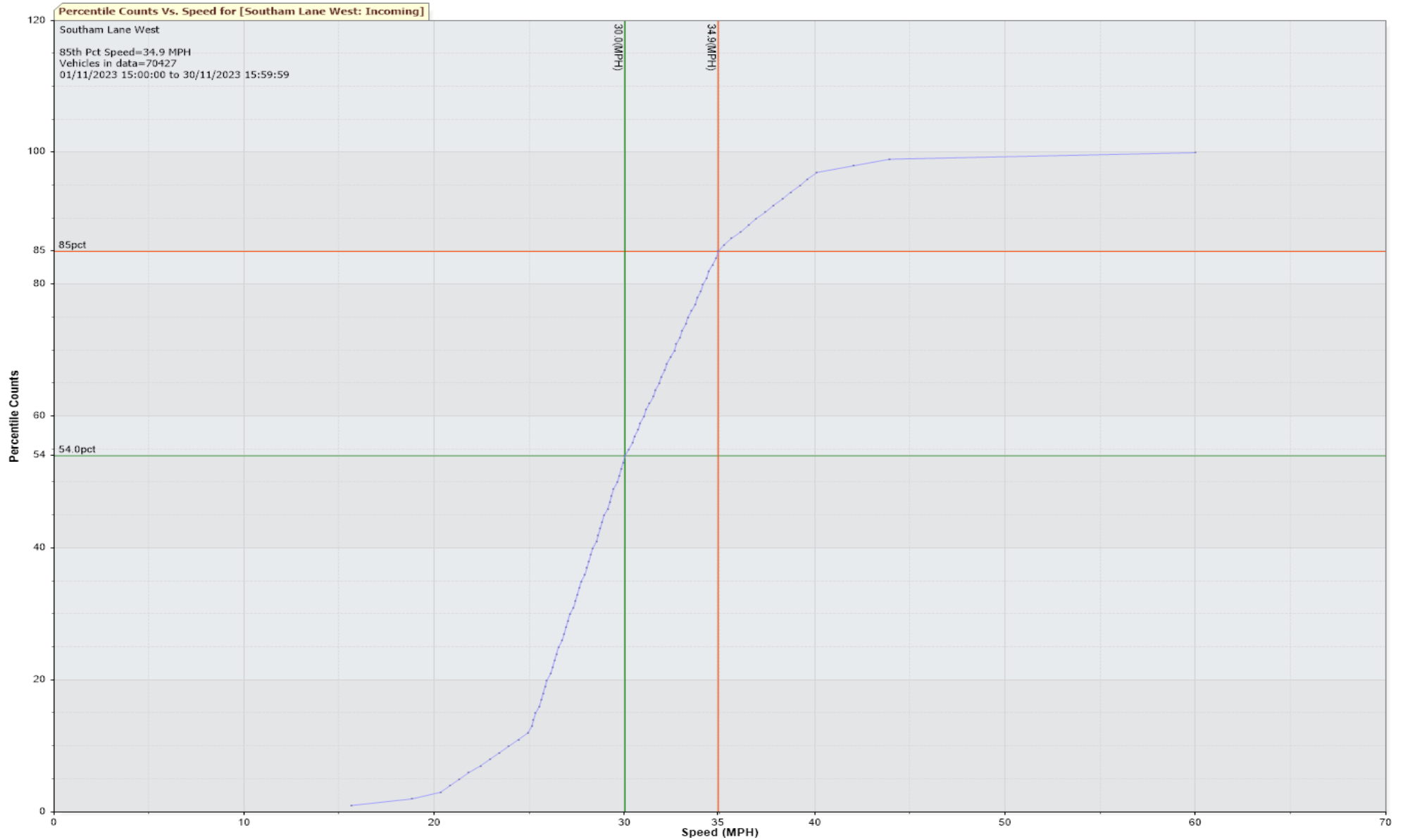
These graphs show the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 2020 cars per day. The average speed of motorized vehicles was 29.6 mph. 85% of all vehicles were travelling slower than 34.8 mph. The worst speeding event we had occurred at 10:45 pm on the 10th November 2023 when a vehicle was recorded travelling at 65 mph coming into the village. Traffic is travelling southwards on New Road. No rain correction required.

For Project: New Road North
Report Generated: 13/02/2024 10:48:09 PM
Speed Intervals = 5 MPH

Traffic Report From 31/10/2023 05:00:00 PM through 27/11/2023 09:59:59 PM

85th Percentile Speed = 34.8 MPH
85th Percentile Vehicles = 46,724 counts
Max Speed = 65.0 MPH on 10/11/2023 22:45:00
Total Vehicles =54,970 counts
AADT: 2020.3

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,097	1,962
AM Peak	08:00 to 09:00	276	219
PM Peak	03:00 to 04:00	193	170

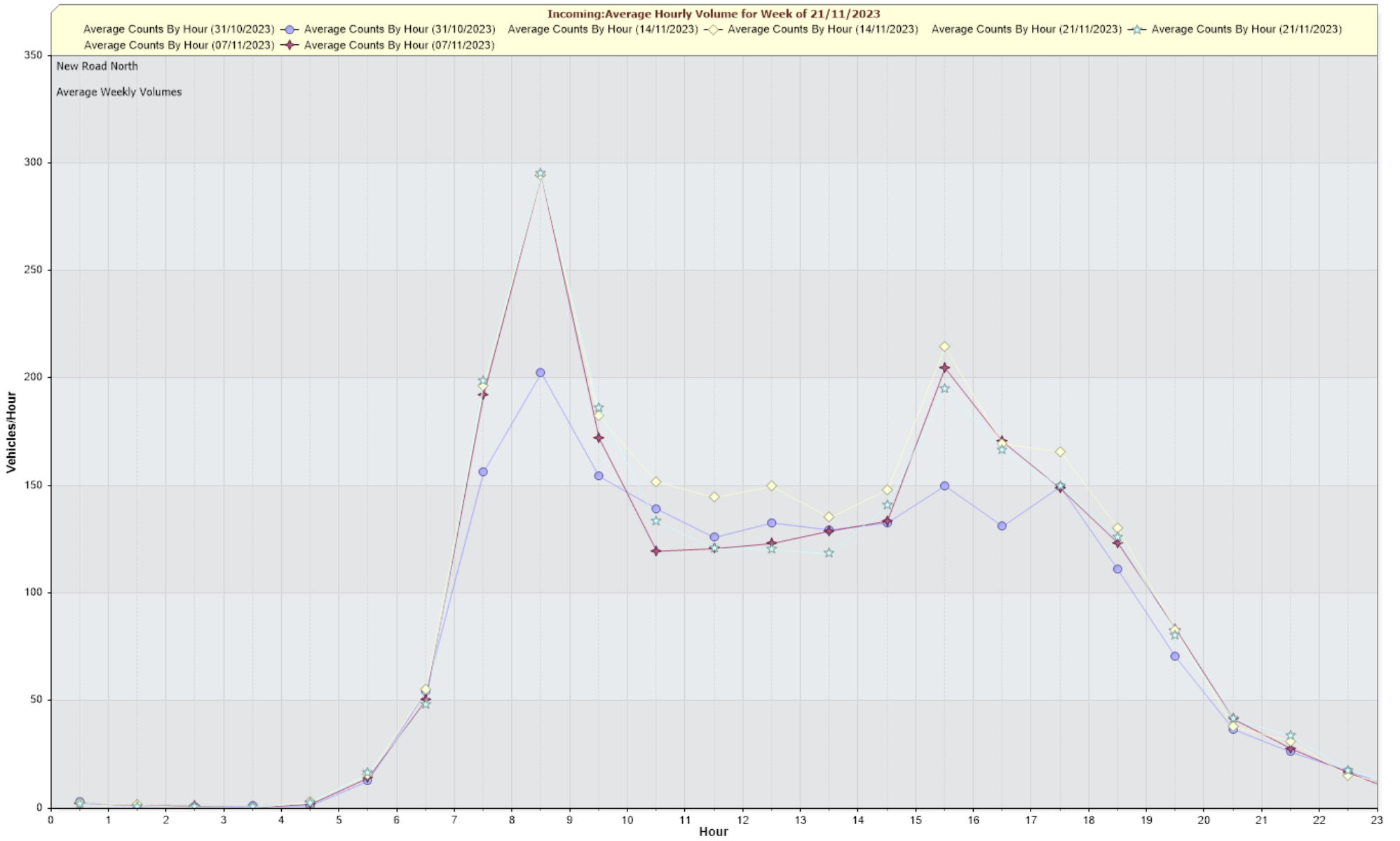
Speed

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: 29.6 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3818	3166	4117	3852	4121	3406	2633
% over limit	46.1	45.0	45.4	45.1	45.7	46.2	46.6
Avg Speeder	34.2	34.3	34.3	34.3	34.4	34.3	34.3



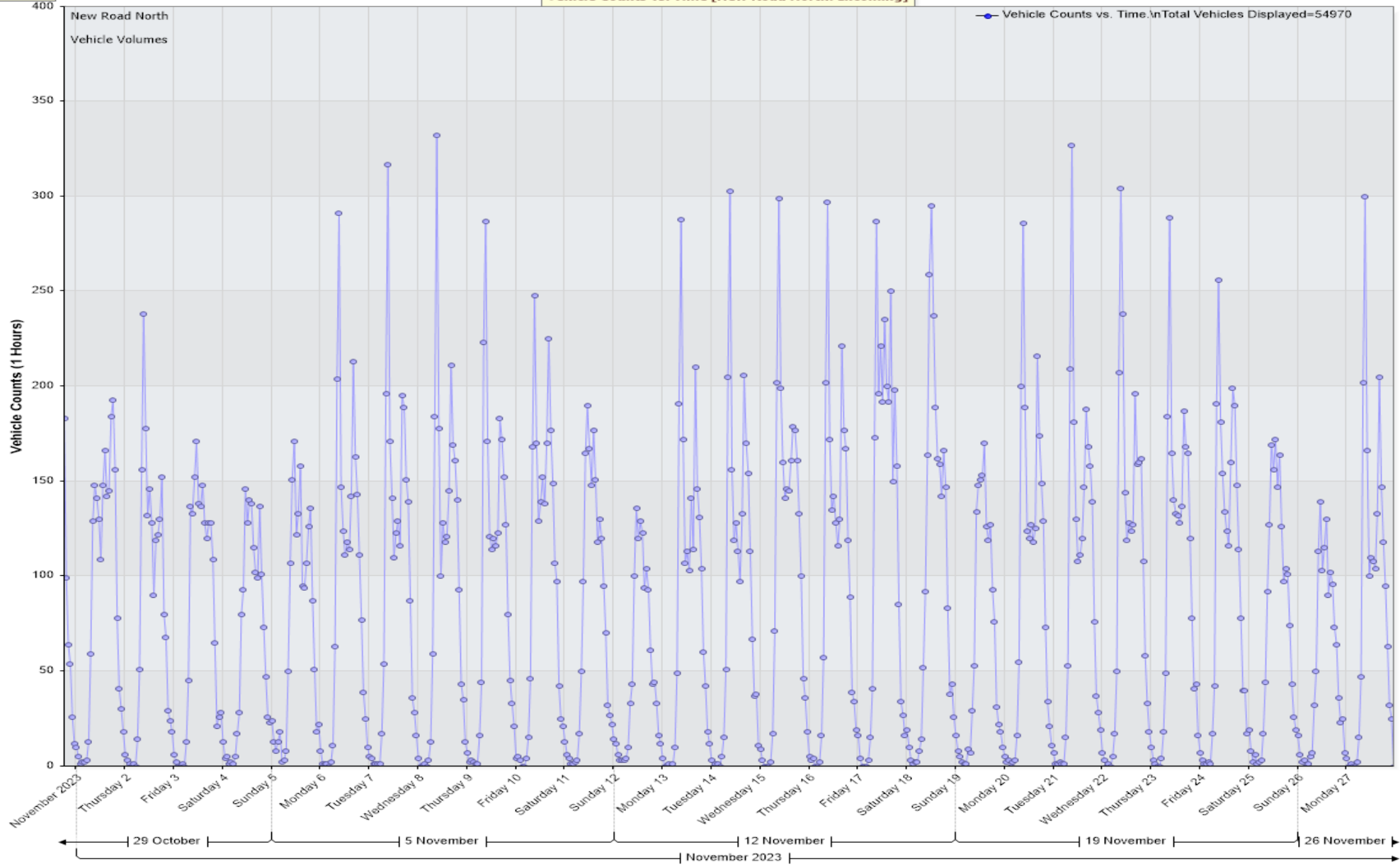
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

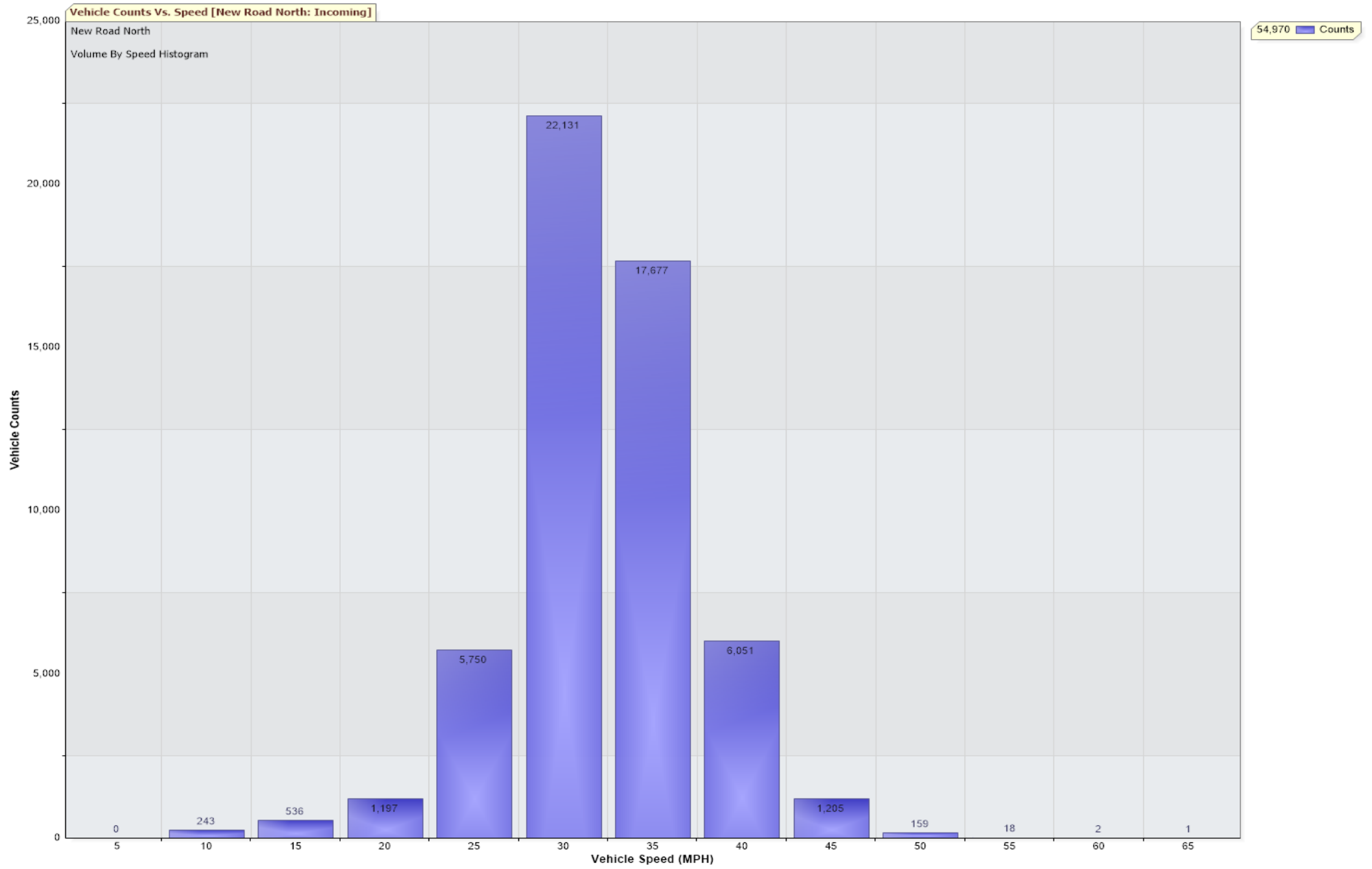


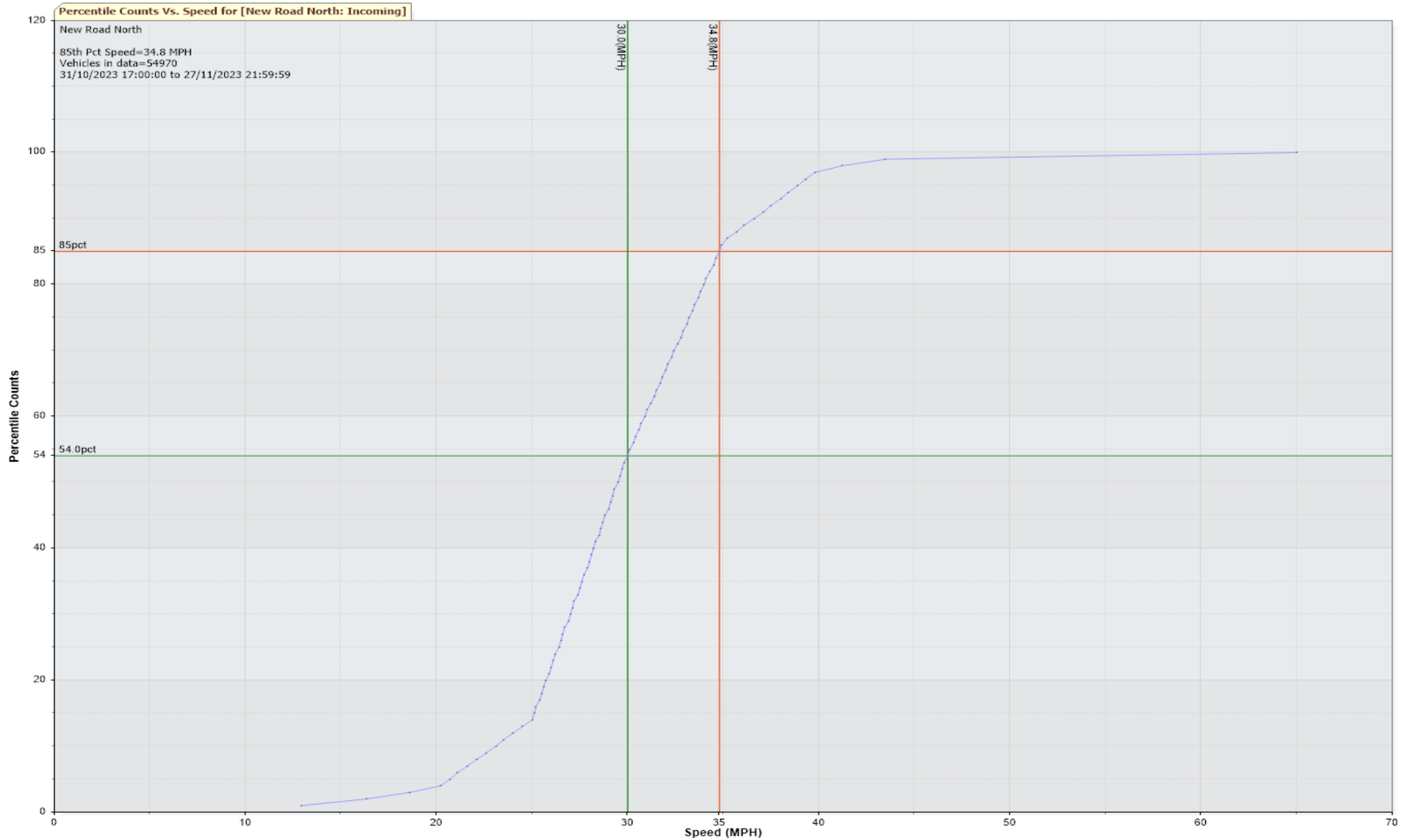
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.