

TRAFFIC ANALYSIS REPORT FOR NOVEMBER 2022

1. Southam Lane

This month saw an average of 2438.6 cars per day. The average speed of motorized vehicles was 29.9 mph. 85% of all vehicles were travelling slower than 35.0 mph. The worst speeding event we had occurred at 9.45pm on the 4th November 2022 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 7.4% rain correction in this data.

For Project: Southam Lane West
 Projects Notes/Address:
 Report Generated: 12/01/2023 10:44:50 PM
 Speed Intervals = 5 MPH

Traffic Report From 31/10/2022 11:00:00 AM through 28/11/2022 12:59:59 PM

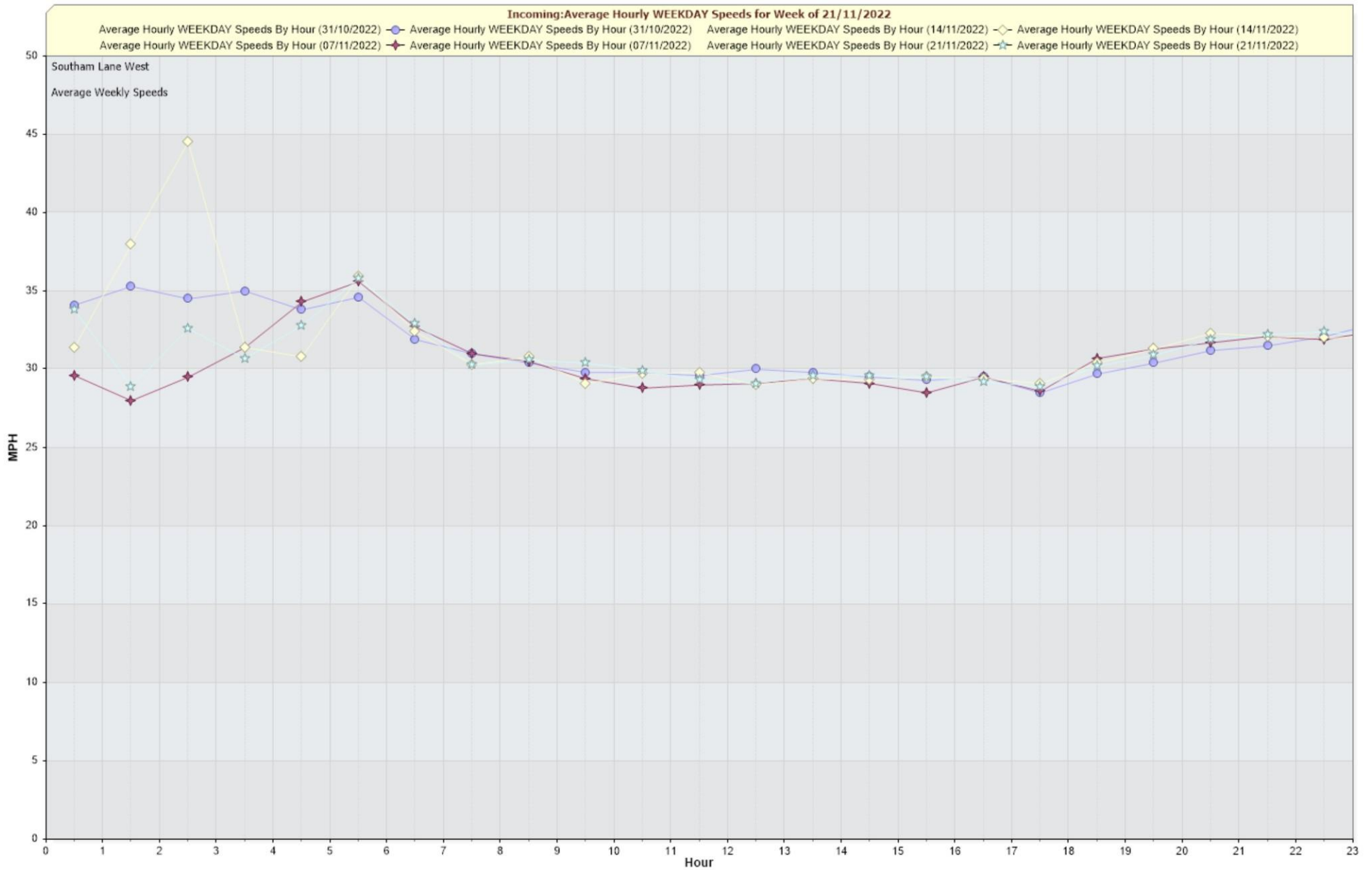
85th Percentile Speed = 35.0 MPH
 85th Percentile Vehicles = 58,212 counts
 Max Speed = 65.0 MPH on 04/11/2022 21:45:00
 Total Vehicles =68,485 counts
 AADT: 2438.6

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,353	2,378
AM Peak	08:00 to 09:00	214	193
PM Peak	03:00 to 04:00	229	230

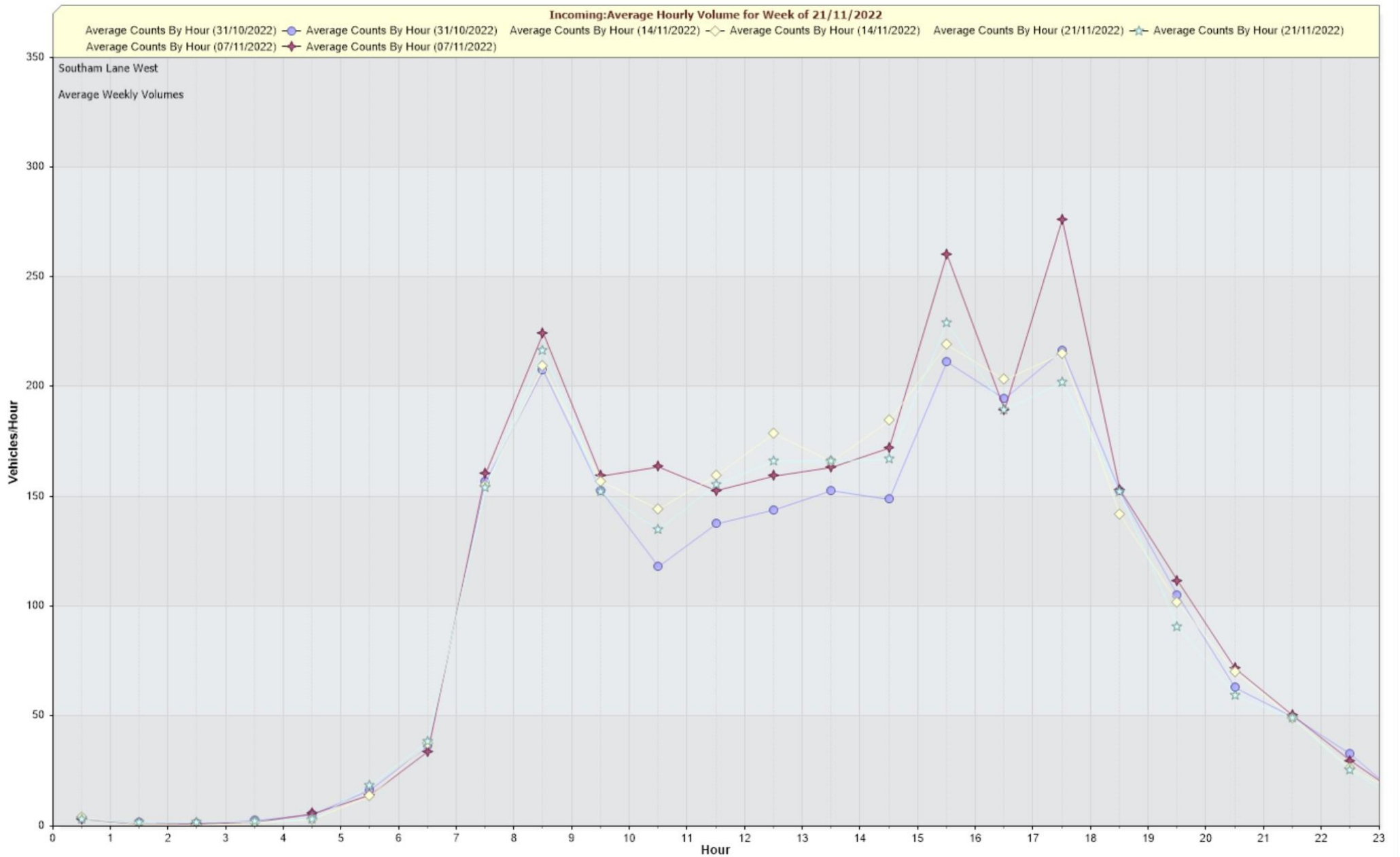
Speed

Speed Limit: 30 MPH
 85th Percentile Speed: 35.0 MPH
 50th Percentile Speed: 29.6 MPH
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH (Interval with the most cars)
 Average Speed: 29.9 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Comments
Count over limit	4550	4407	4377	4828	4936	4965	4229	Totals over 3 days
% over limit	48.3	47.1	45.8	49.5	45.5	45.4	49.3	Average 47.3% over the period
Avg Speeder	34.5	34.5	34.5	34.4	34.5	34.5	34.4	



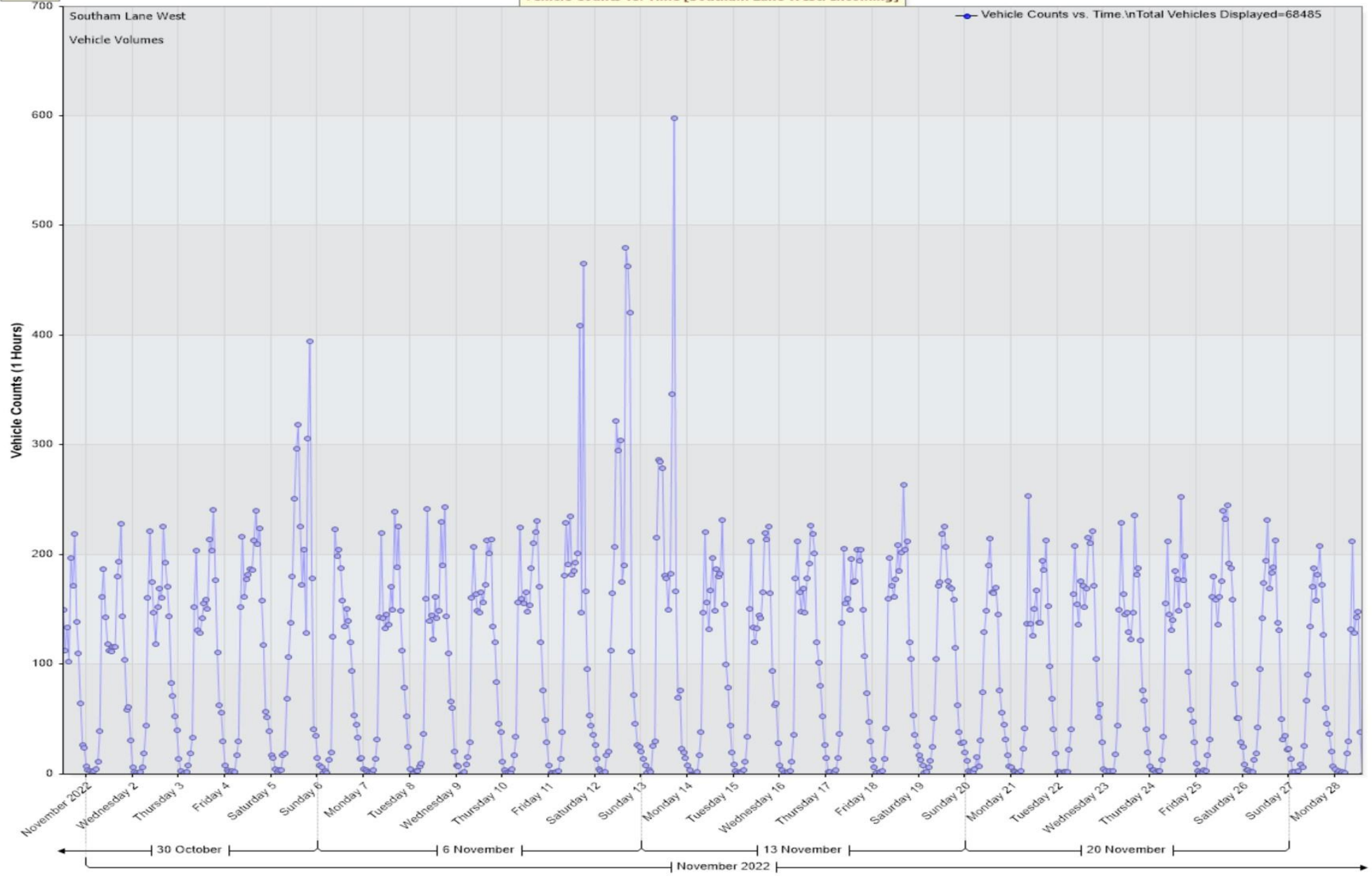
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

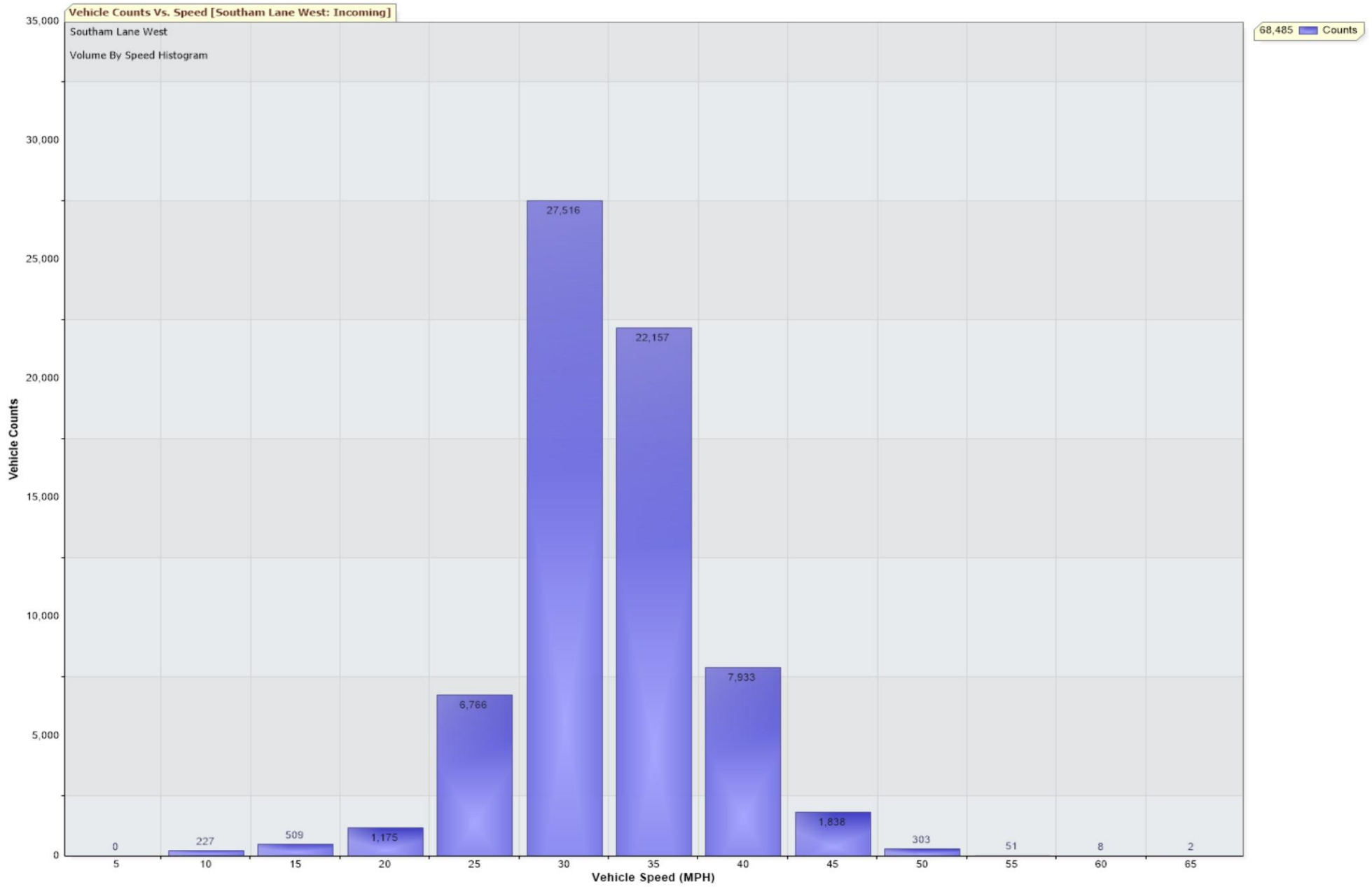


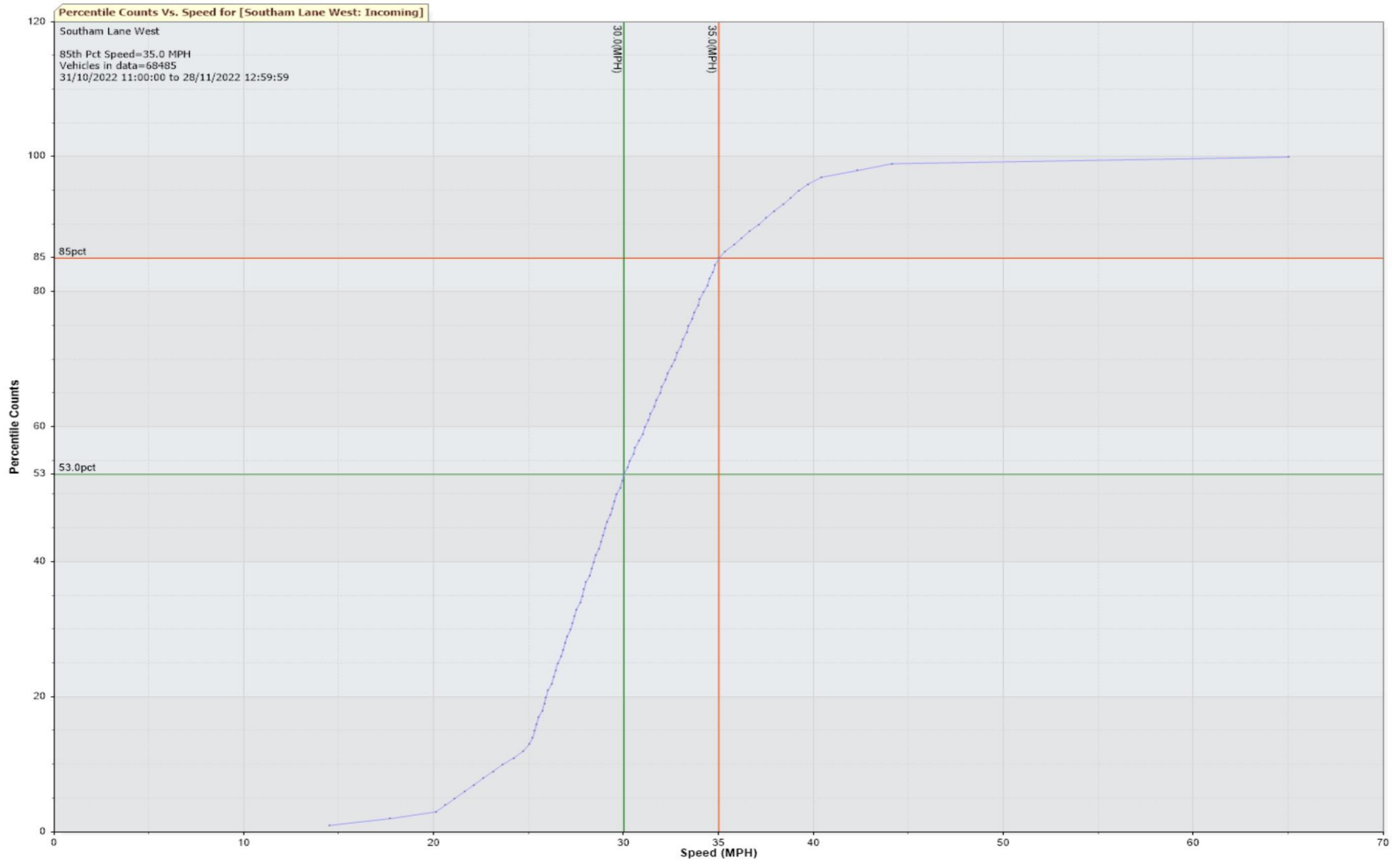
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

Zoom help

Vehicle Counts vs. Time [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 2031 cars per day. The average speed of motorized vehicles was 29.4 mph. 85% of all vehicles were travelling slower than 34.8 mph. The worst speeding event we had occurred at 8.00pm on the 30th October 2022 when a vehicle was recorded travelling at 55 mph going out of the village. Traffic is travelling southwards on New Road. No rain correction required.

For Project: New Road North

Projects Notes/Address:

Report Generated: 27/01/2023 09:33:37 AM

Speed Intervals = 5 MPH

Traffic Report From 29/10/2022 10:00:00 PM through 19/11/2022 11:59:59 AM

85th Percentile Speed = 34.8 MPH

85th Percentile Vehicles = 35,533 counts

Max Speed = 55.0 MPH on 30/10/2022 20:00:00

Total Vehicles =41,804 counts

AADT: 2031.0

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,129	1,933
AM Peak	08:00 to 09:00	235	194
PM Peak	04:00 to 05:00	174	158

Speed

Speed Limit: 30 MPH

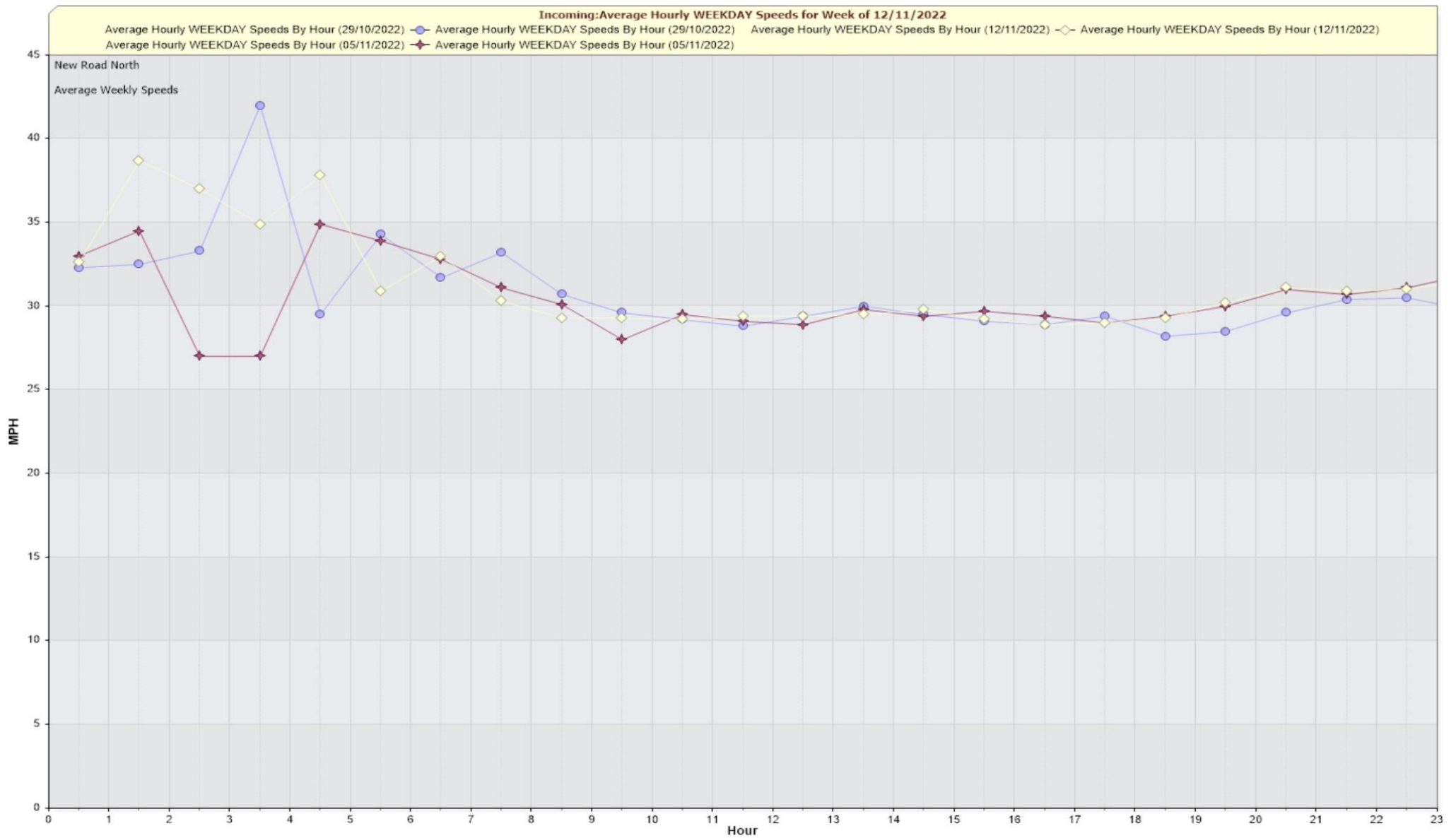
85th Percentile Speed: 34.8 MPH

50th Percentile Speed: 29.3 MPH

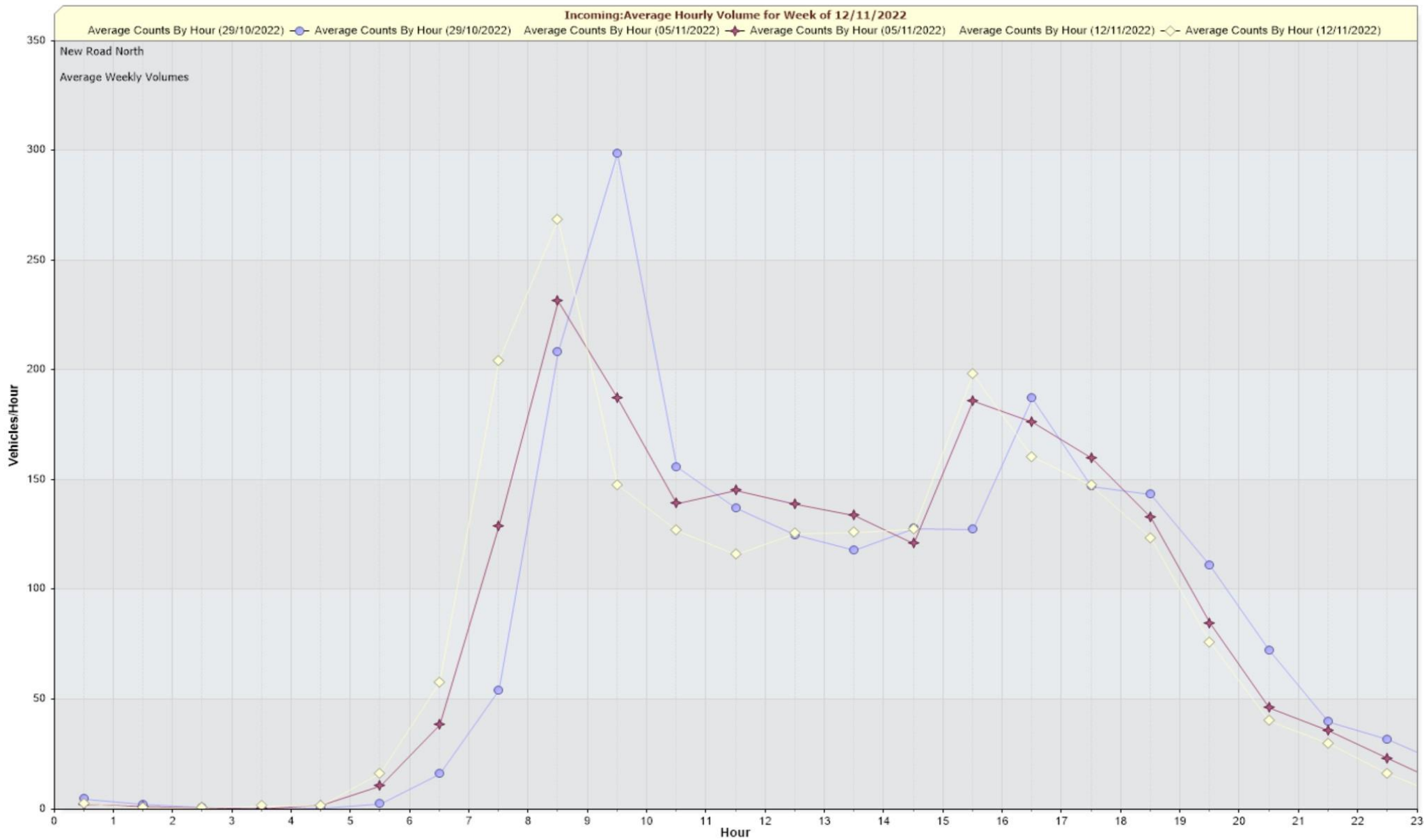
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH (Interval with the most cars)

Average Speed: 29.4 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Comments
Count over limit	2742	2695	2781	3007	3242	2145	1925	Totals over 3 days
% over limit	45.4	44.1	43.7	47.6	45.5	45.2	37.7	Average 44.2% over the period
Avg Speeder	34.3	34.2	34.4	34.4	34.5	34.3	34.2	



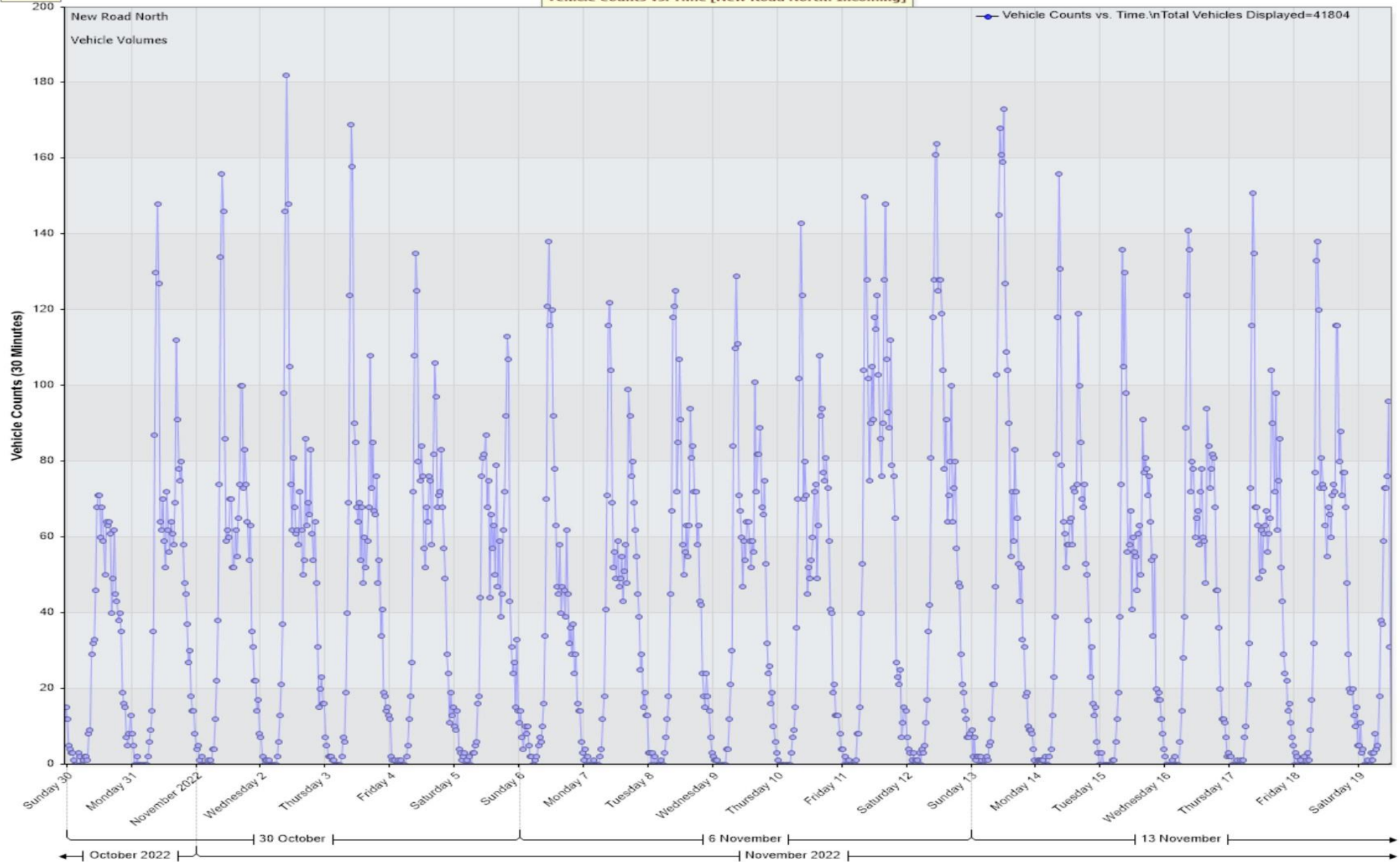
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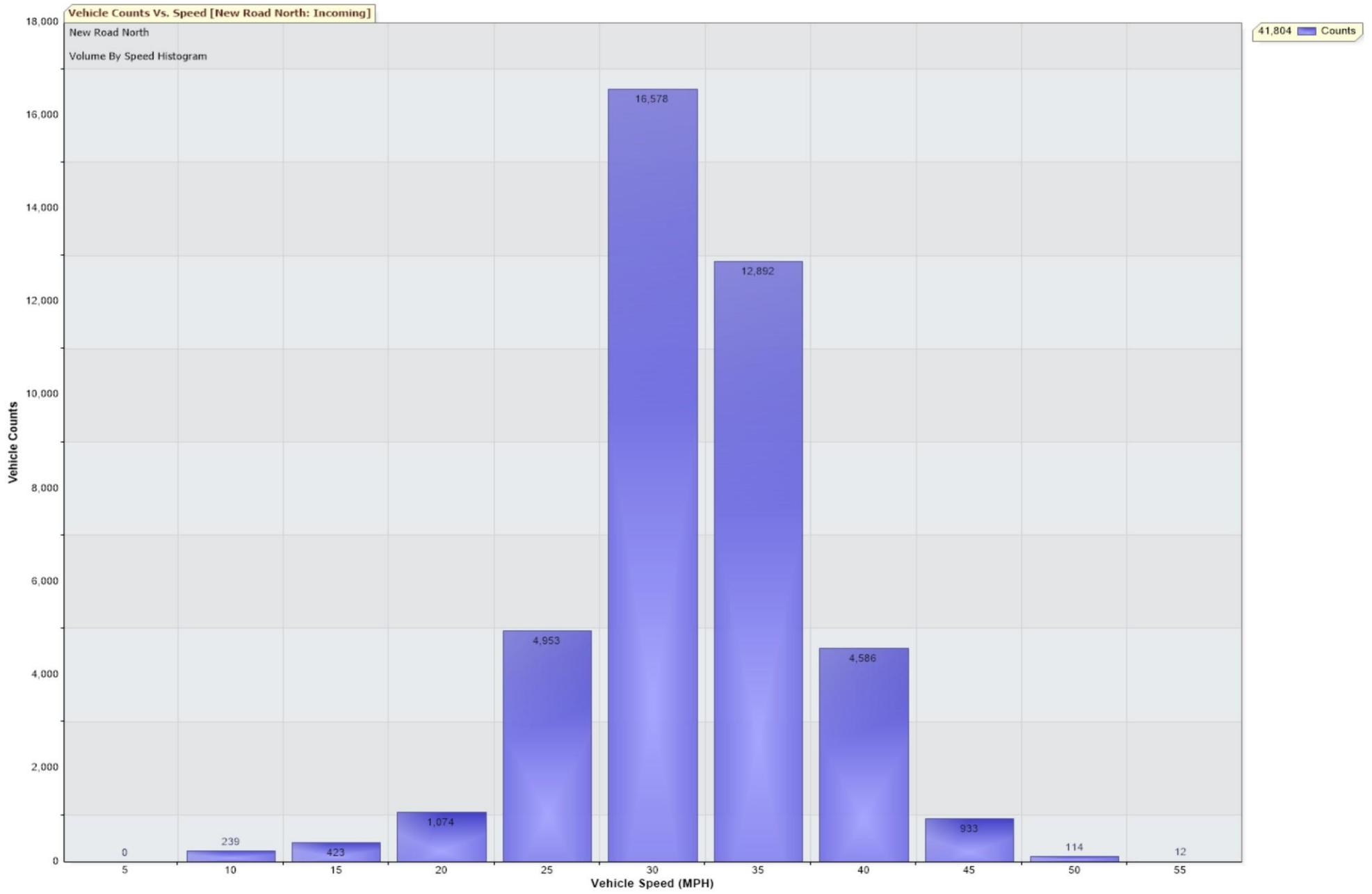


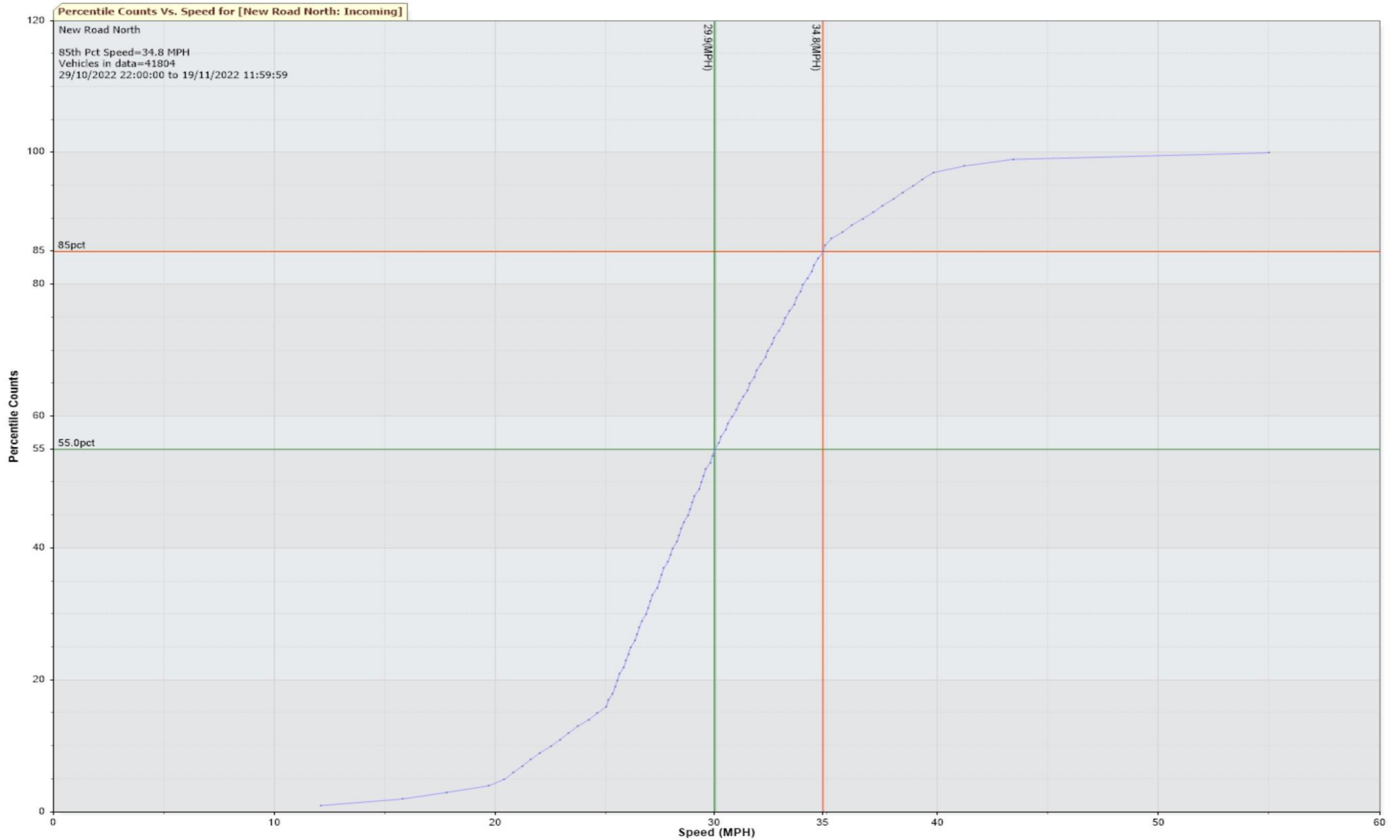
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.