

TRAFFIC ANALYSIS REPORT FOR MARCH 2024

1. Southam Lane

This month saw an average of 2655 cars per day. The average speed of motorized vehicles was 28.9 mph. 85% of all vehicles were travelling slower than 35.0 mph. The worst speeding event we had occurred at 7:00 am on the 11th March 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 no rain correction in this data, although an estimate 600 vehicles are the result of rain in this data set. There are a large number of slow vehicles associated with racecourse induced congestion on Southam Lane, in the week of the 15th March, see pages 3 and 5.

For Project: Southam Lane West
Report Generated: 30/05/2024 07:05:26 PM
Speed Intervals = 5 MPH

Traffic Report From 01/03/2024 04:00:00 PM through 29/03/2024 12:59:59 PM

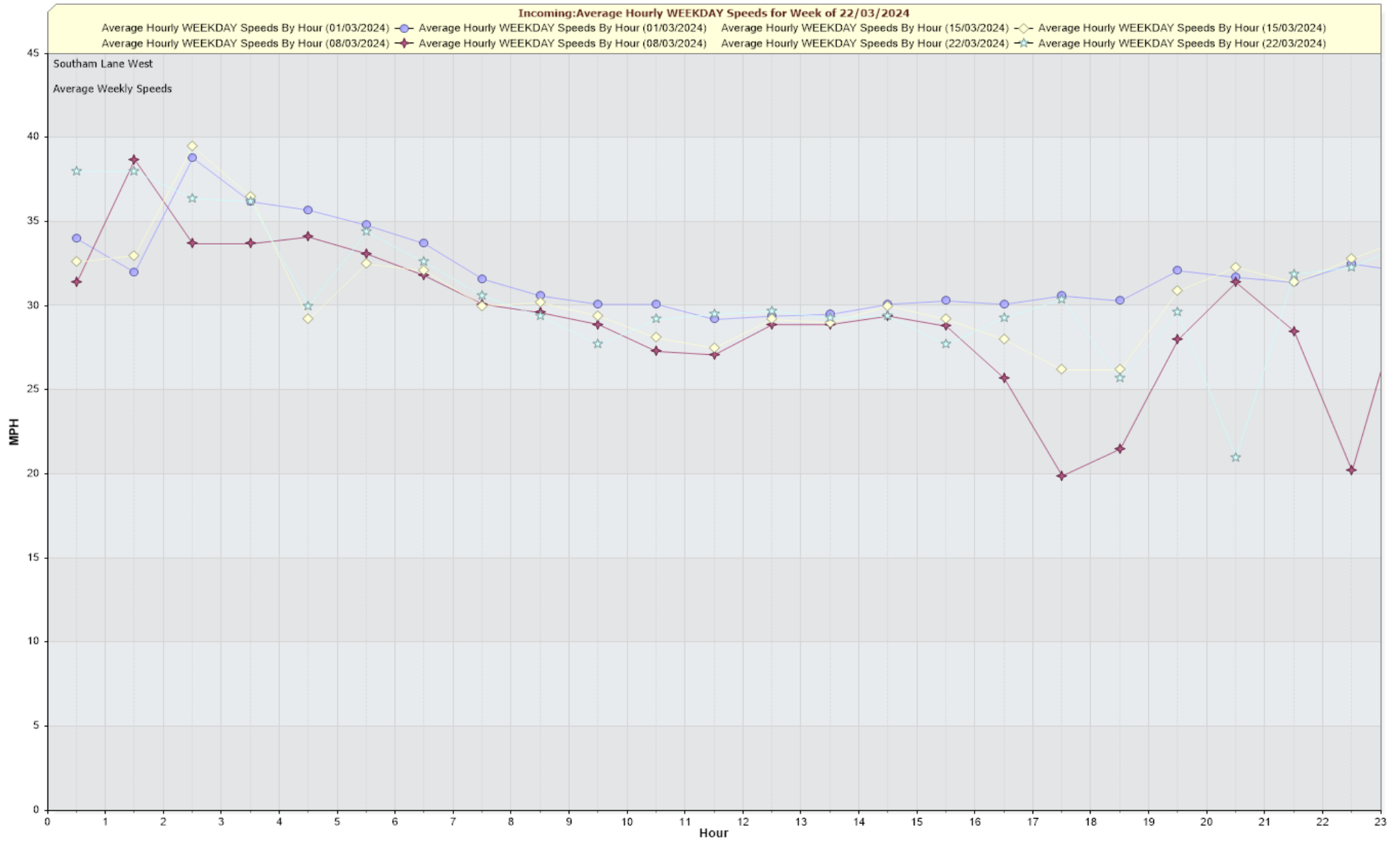
85th Percentile Speed = 35.0 MPH
85th Percentile Vehicles = 62,915 counts
Max Speed = 65.0 MPH on 11/03/2024 07:00:00
Total Vehicles =74,018 counts
AADT: 2655.4

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,780	2,563
AM Peak	08:00 to 09:00	193	180
PM Peak	04:00 to 05:00	313	263

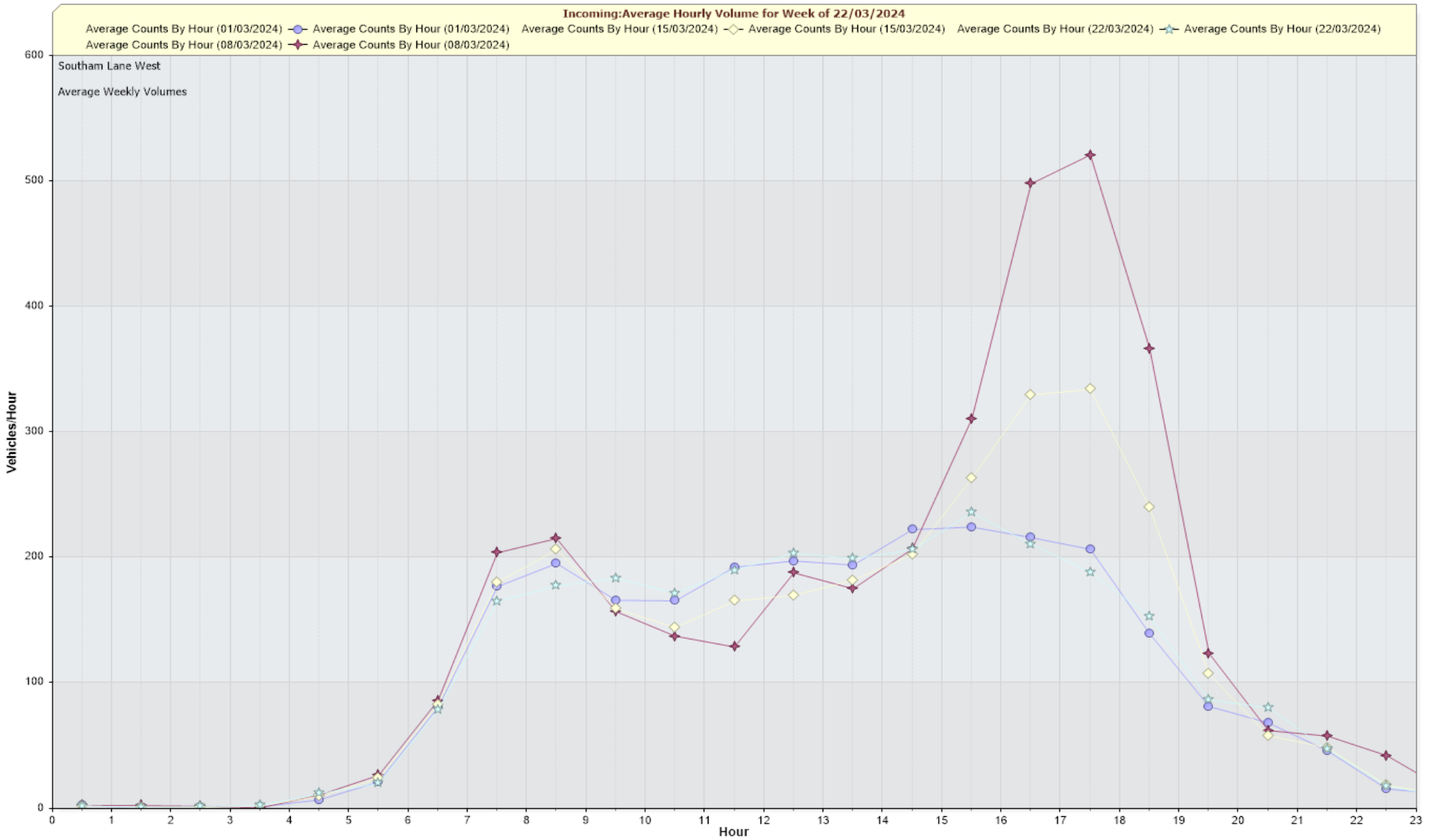
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 35.0 MPH
50th Percentile Speed: 29.2 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 28.9 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	4995	4747	4891	4786	4437	4360	4092
% over limit	47.8	39.7	40.5	39.2	39.7	51.2	53.5
Avg Speeder	34.7	34.5	34.6	34.6	34.7	34.8	34.7



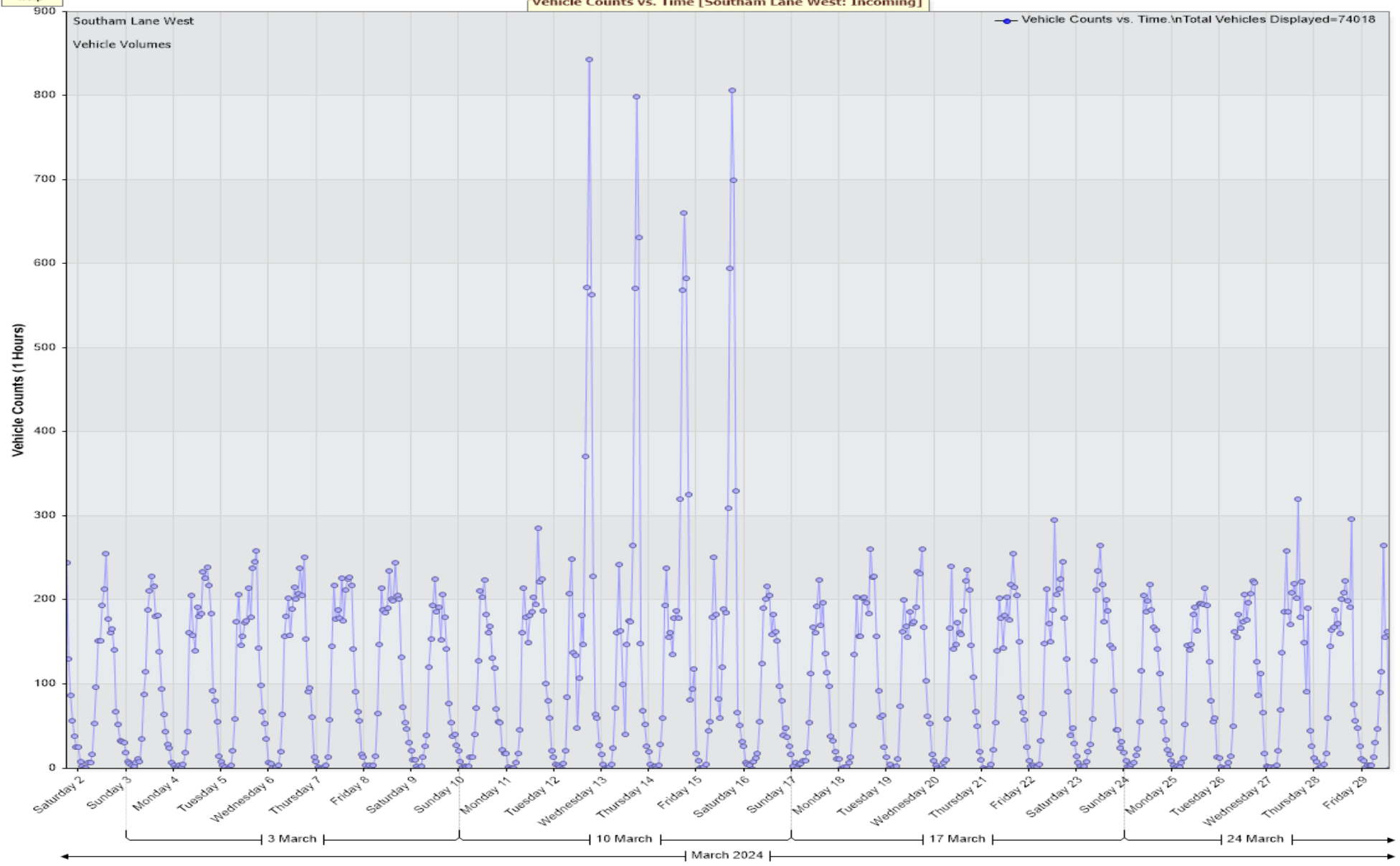
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

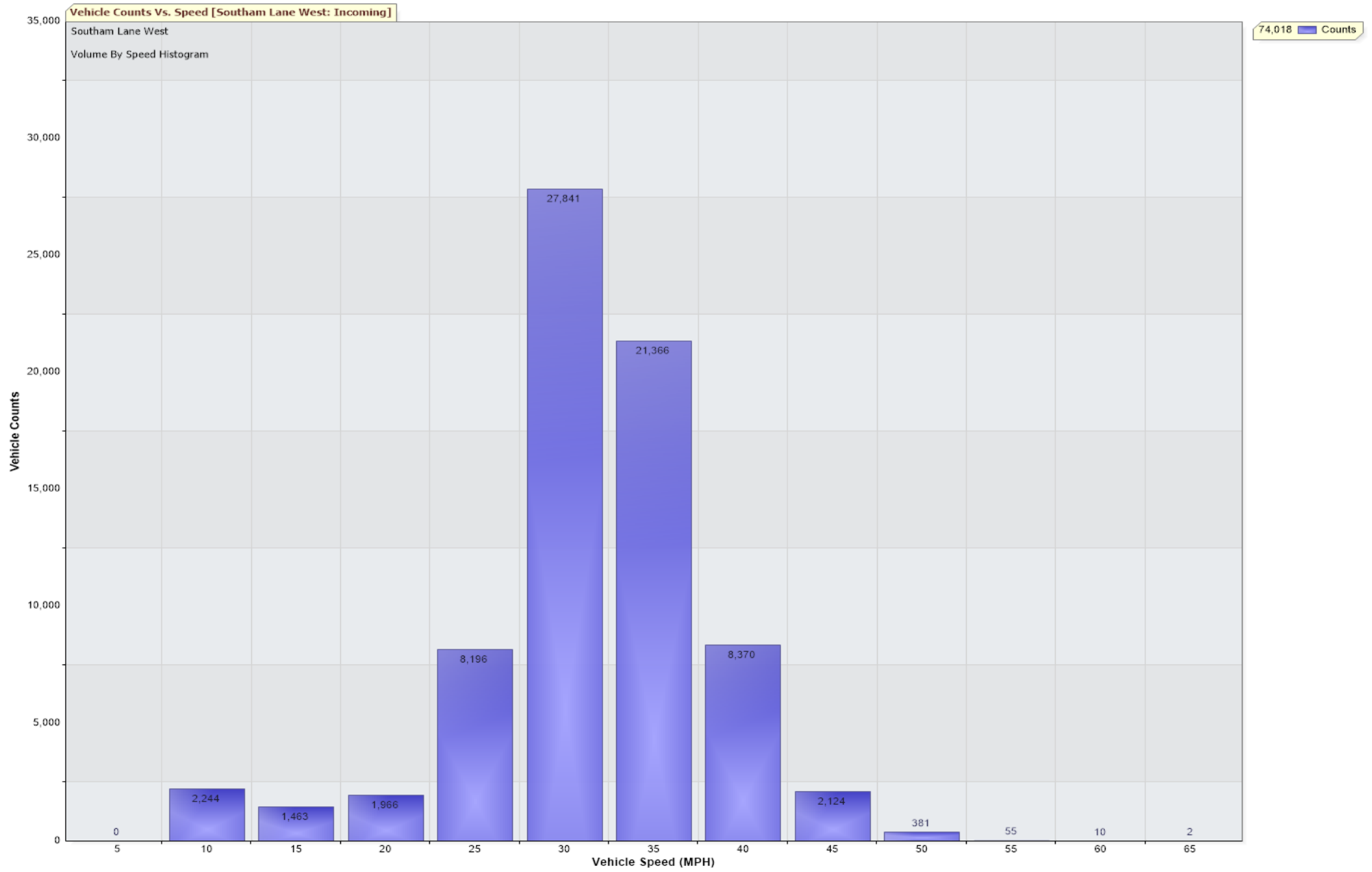


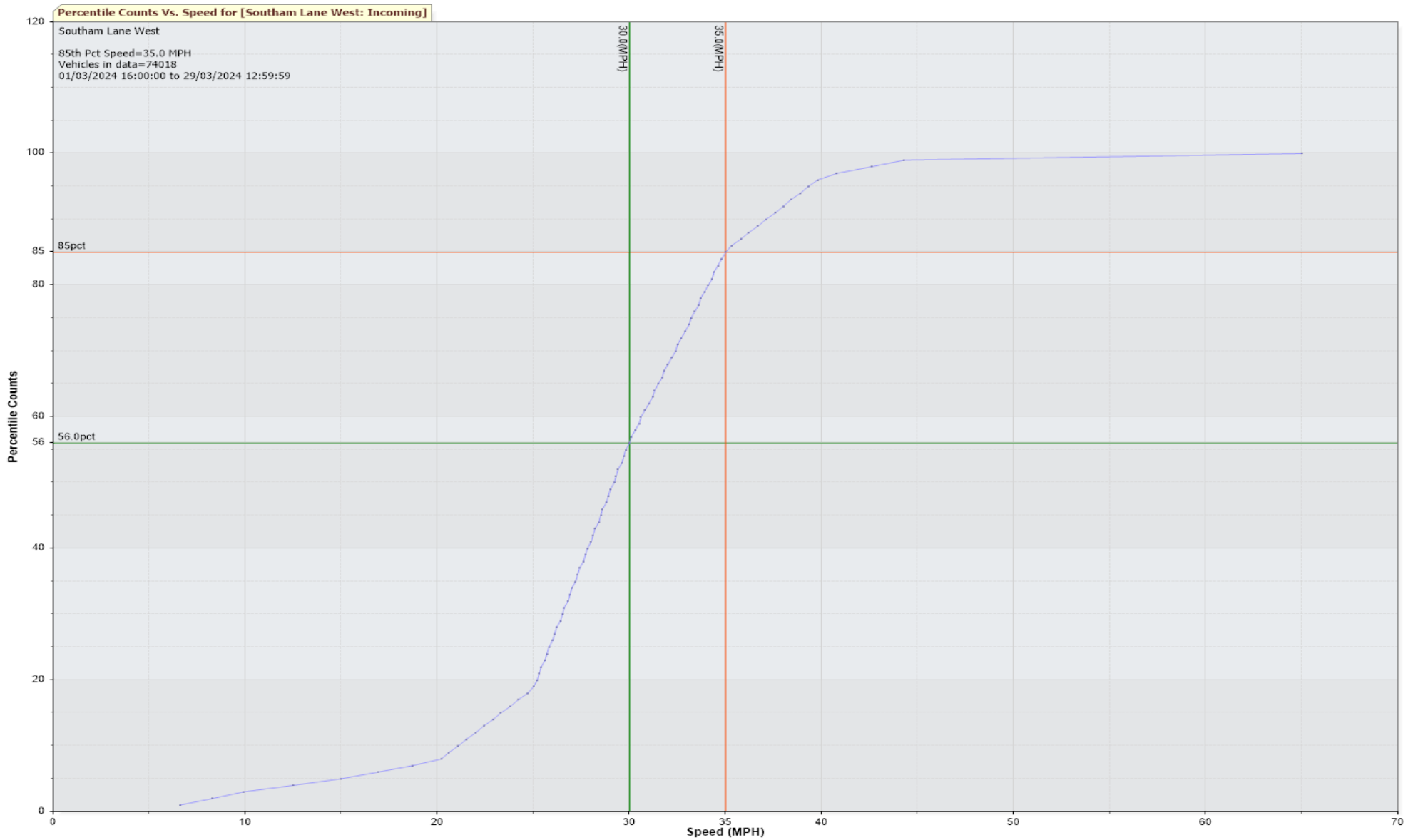
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 2050 cars per day. The average speed of motorized vehicles was 29.8 mph. 85% of all vehicles were travelling slower than 35.1 mph. The worst speeding event we had occurred at 13:30 am on the 4th March 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: 31/05/2024 04:18:50 PM
 Speed Intervals = 5 MPH

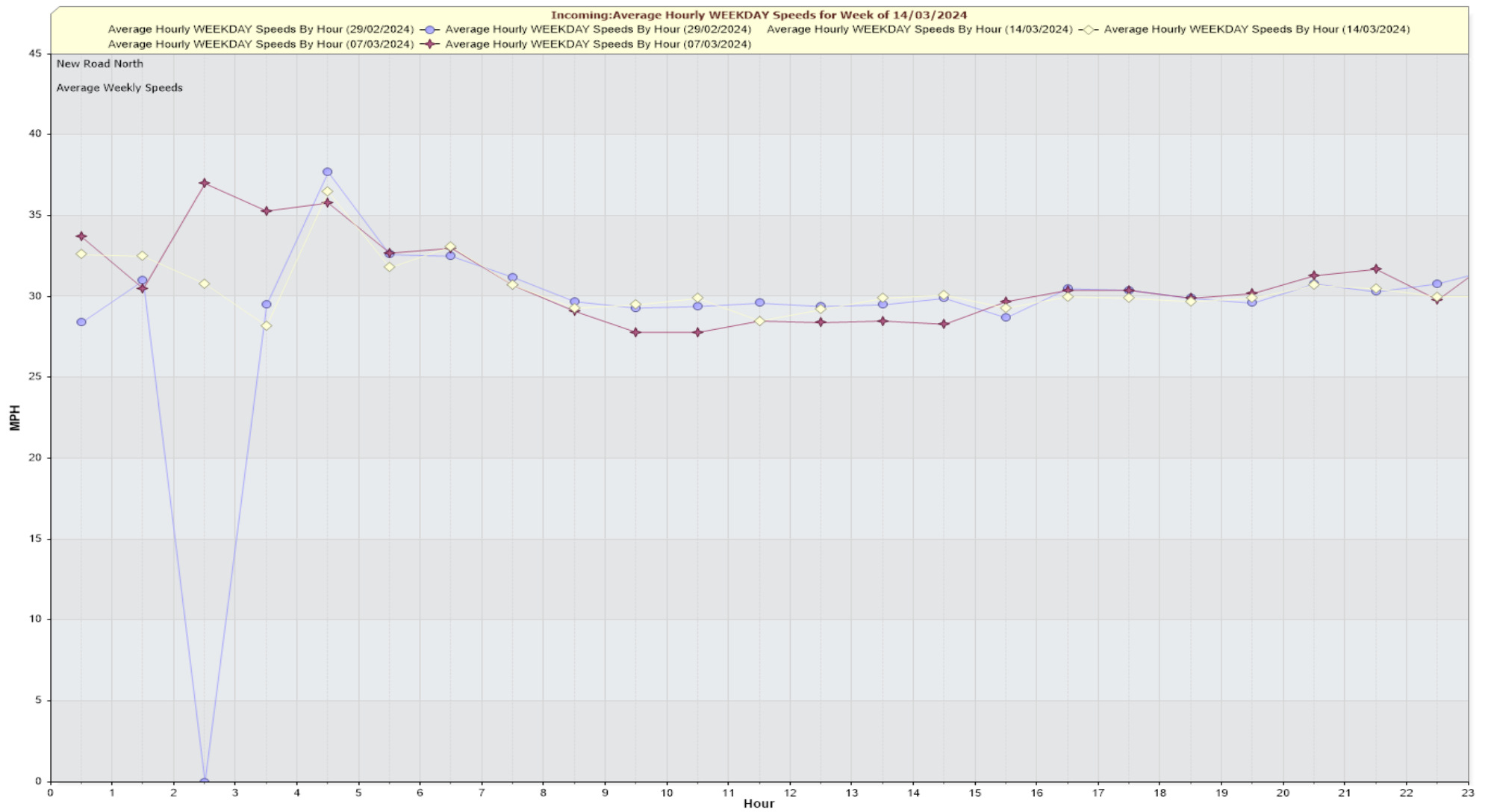
Traffic Report From 29/02/2024 04:00:00 PM through 21/03/2024 04:59:59 AM

85th Percentile Speed = 35.1 MPH
 85th Percentile Vehicles = 35,799 counts
 Max Speed = 60.0 MPH on 04/03/2024 11:30:00
 Total Vehicles =42,117 counts
 AADT: 2050.3

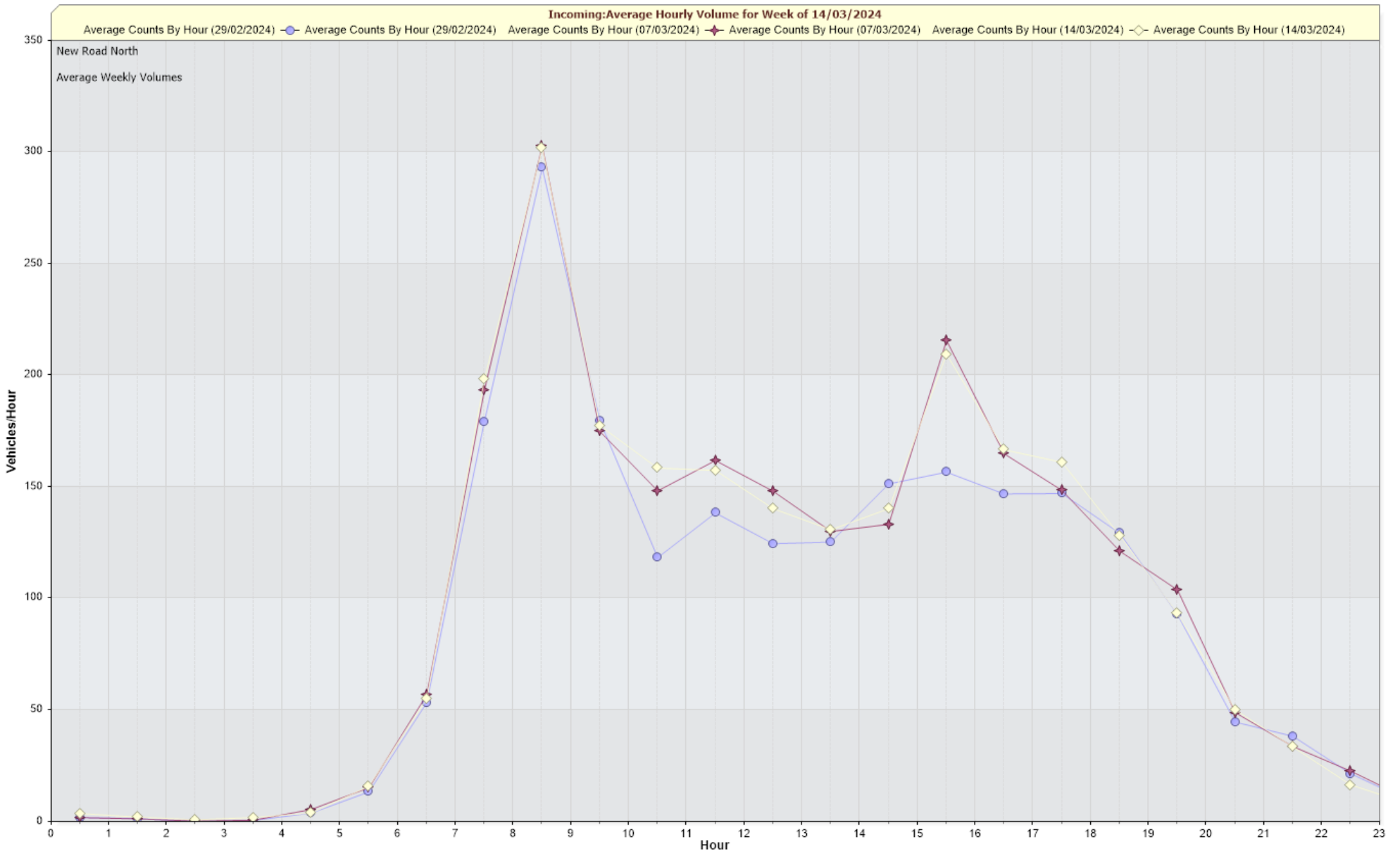
Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,107	1,941
AM Peak	08:00 to 09:00	298	234
PM Peak	03:00 to 04:00	193	171

Speed
 Speed Limit: 30 MPH
 85th Percentile Speed: 35.1 MPH
 50th Percentile Speed: 29.8 MPH
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
 Average Speed: 29.8 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3073	3366	3465	2592	3115	2549	2116
% over limit	50.0	47.1	48.5	48.6	43.4	50.2	51.7
Avg Speeder	34.5	34.4	34.4	34.5	34.4	34.6	34.4



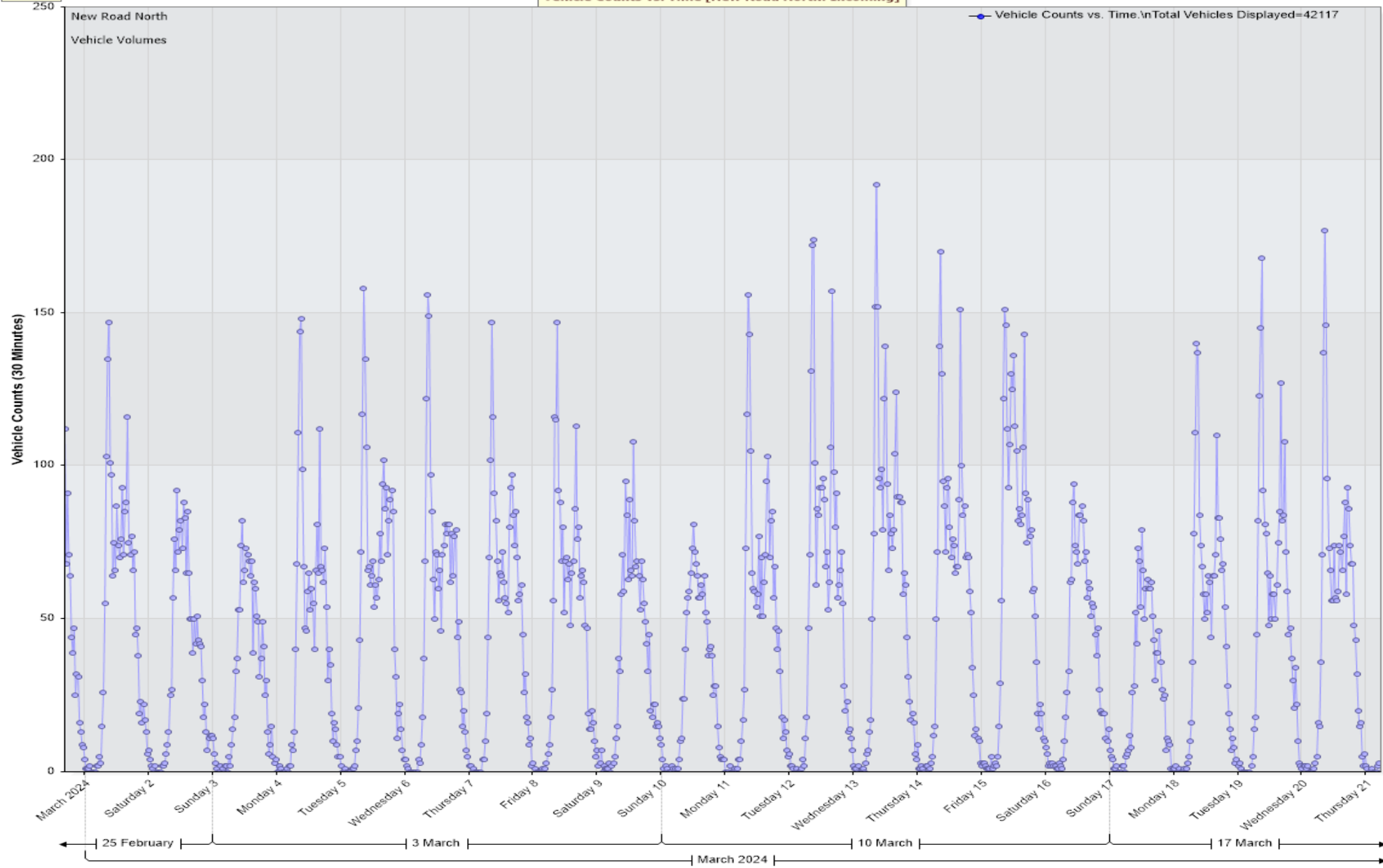
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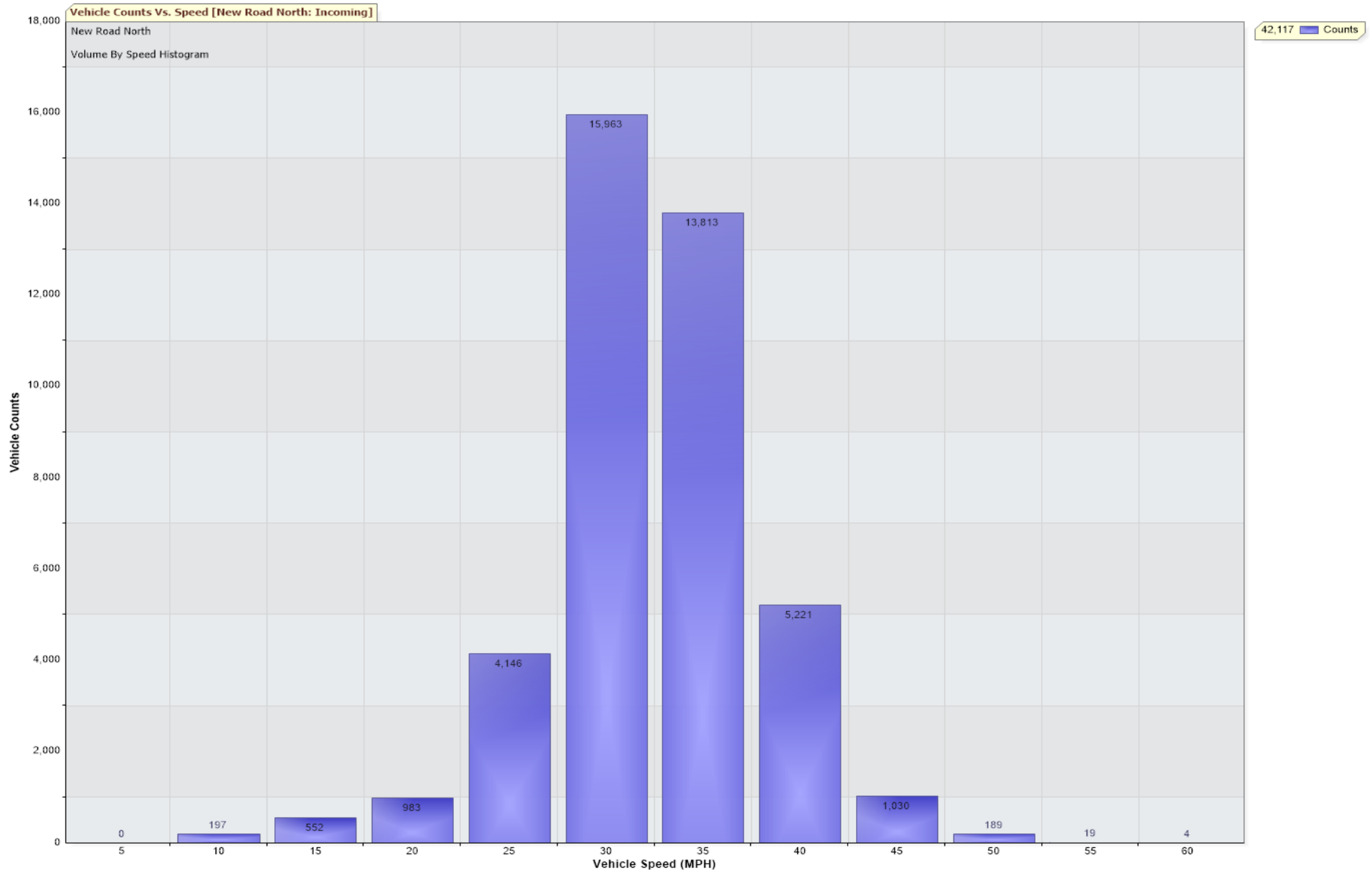


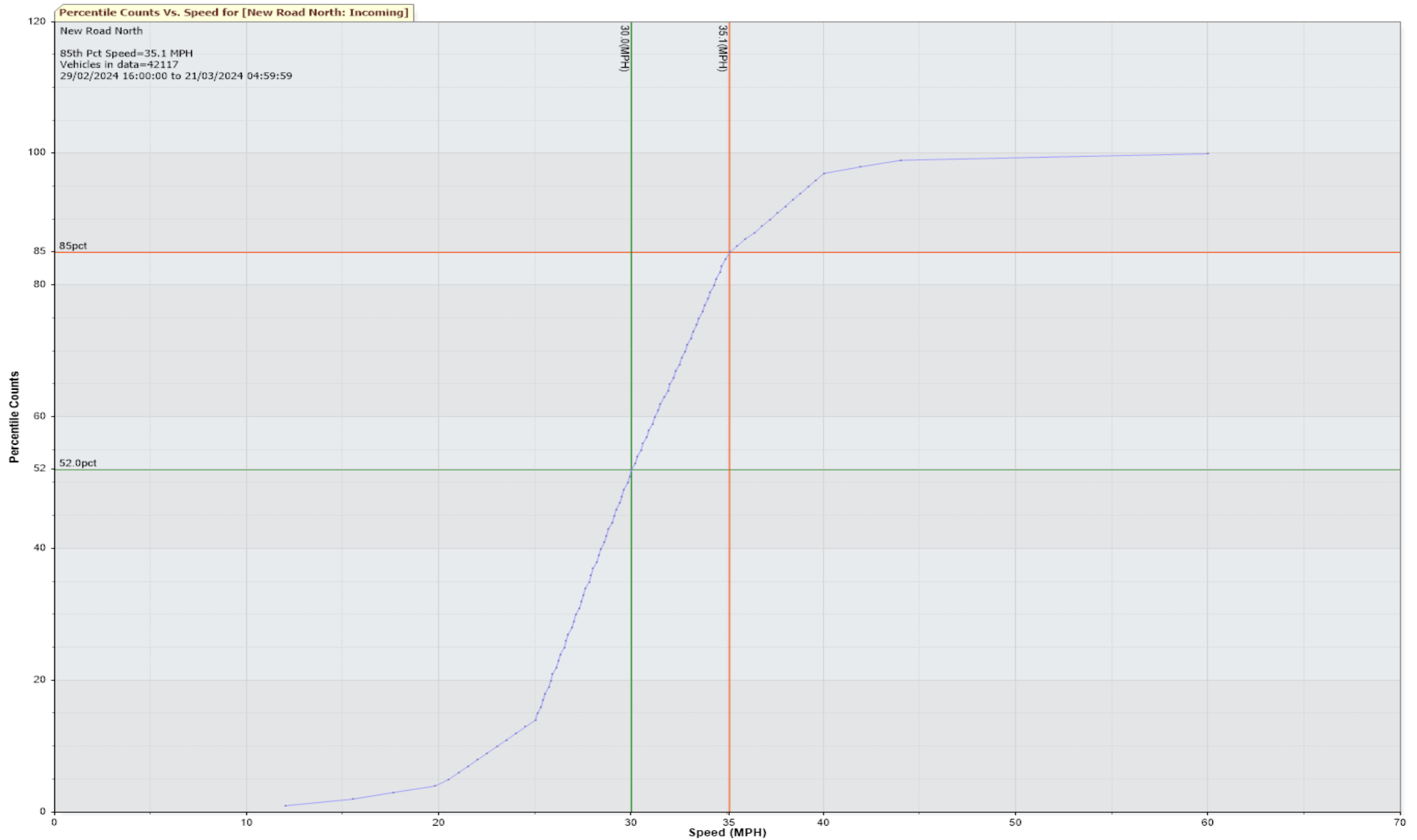
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.