

TRAFFIC ANALYSIS REPORT FOR JULY 2023

1. Southam Lane

This month saw an average of 2457 cars per day. The average speed of motorized vehicles was 29.8 mph. 85% of all vehicles were travelling slower than 35.7 mph. The worst speeding event we had occurred at 06:15pm on the 3rd July 2023 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 2.3% rain correction in this data.

For Project: Southam Lane West
Location/Name: Incoming
Report Generated: 03/09/2023 03:13:56 PM
Speed Intervals = 5 MPH

Traffic Report From 01/07/2023 06:00:00 AM through 29/07/2023 04:59:59 PM

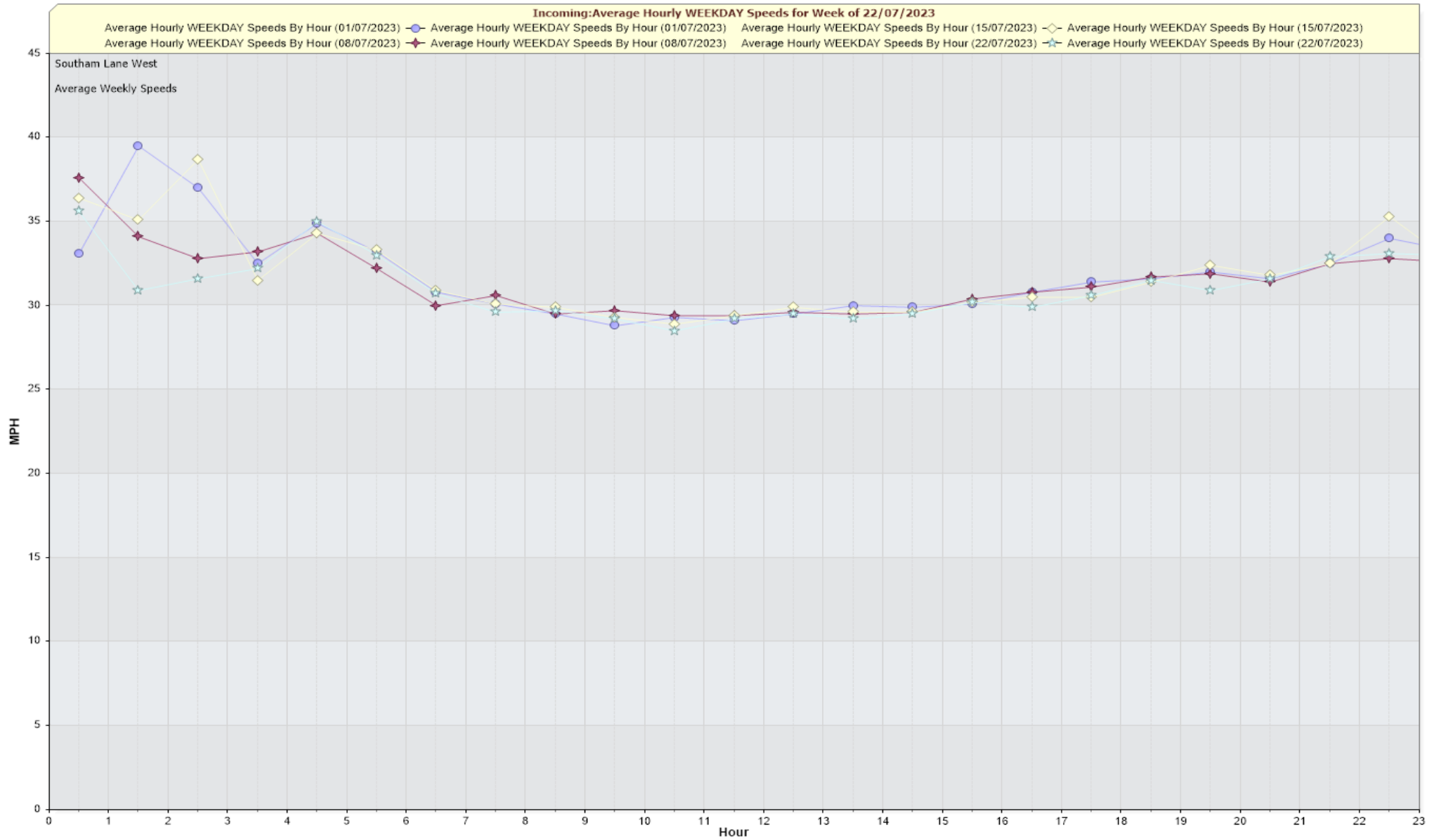
85th Percentile Speed = 35.7 MPH
85th Percentile Vehicles = 59,441 counts
Max Speed = 65.0 MPH on 03/07/2023 18:15:00
Total Vehicles =69,931 counts
AADT: 2457.3

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,522	2,417
AM Peak	07:00 to 08:00	185	192
PM Peak	04:00 to 05:00	219	200

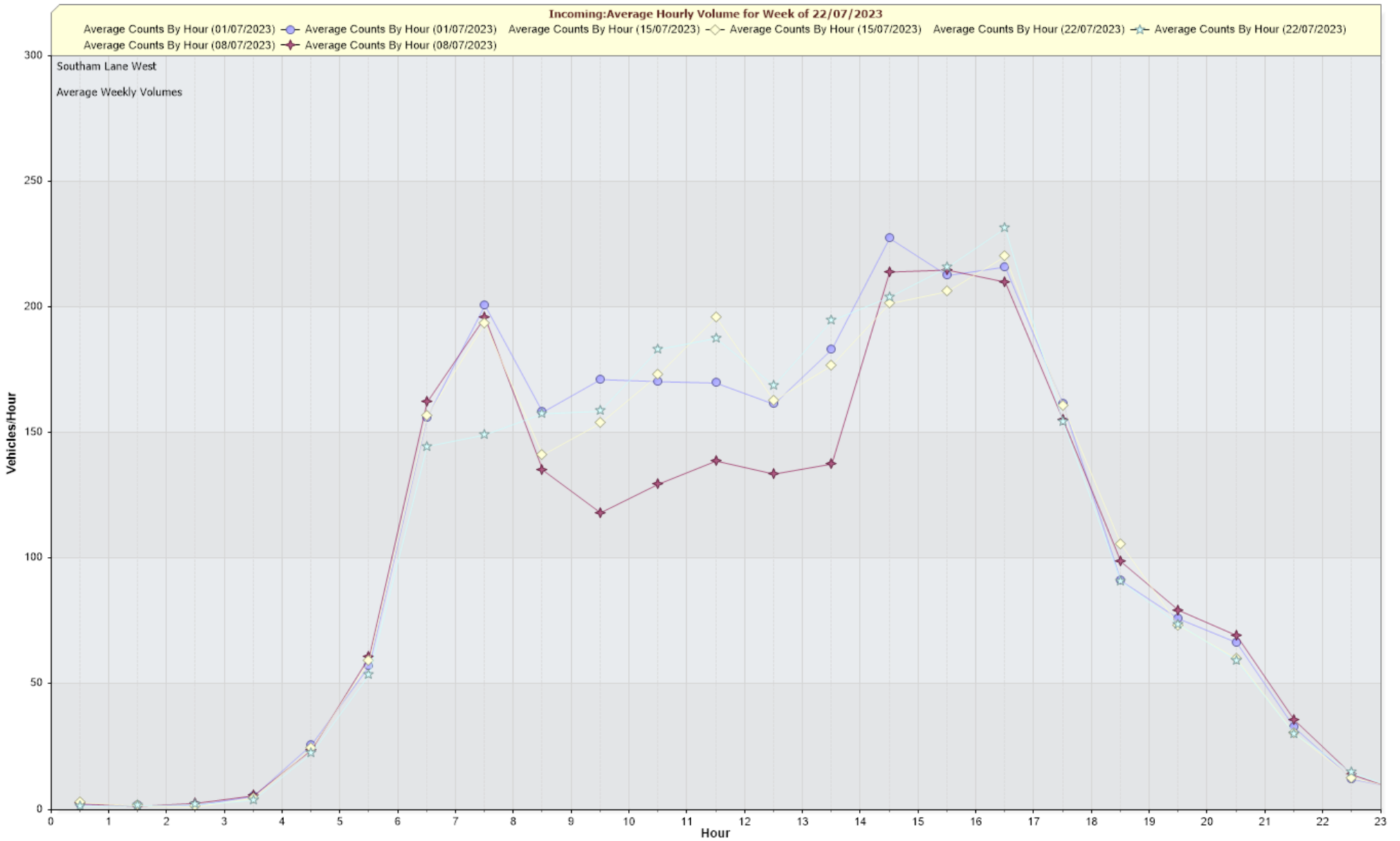
Speed
Speed Limit: 30 MPH
85th Percentile Speed: 35.7 MPH

50th Percentile Speed: 29.7 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	4652	4959	4802	5008	4995	5131	3887
% over limit	48.7	48.9	47.2	48.6	48.6	46.3	46.4
Avg Speeder	34.9	34.9	34.8	34.8	34.8	34.6	34.6



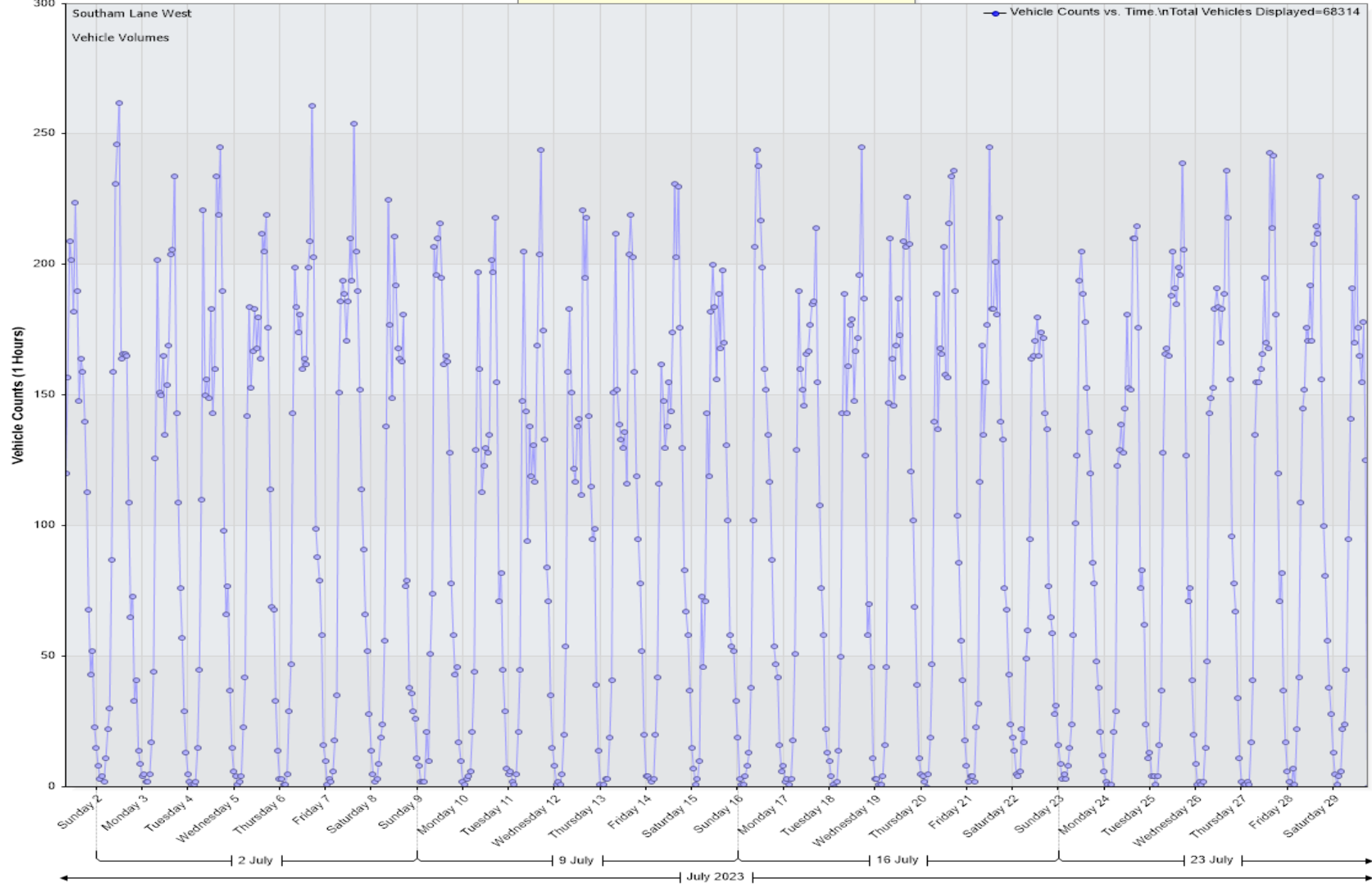
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

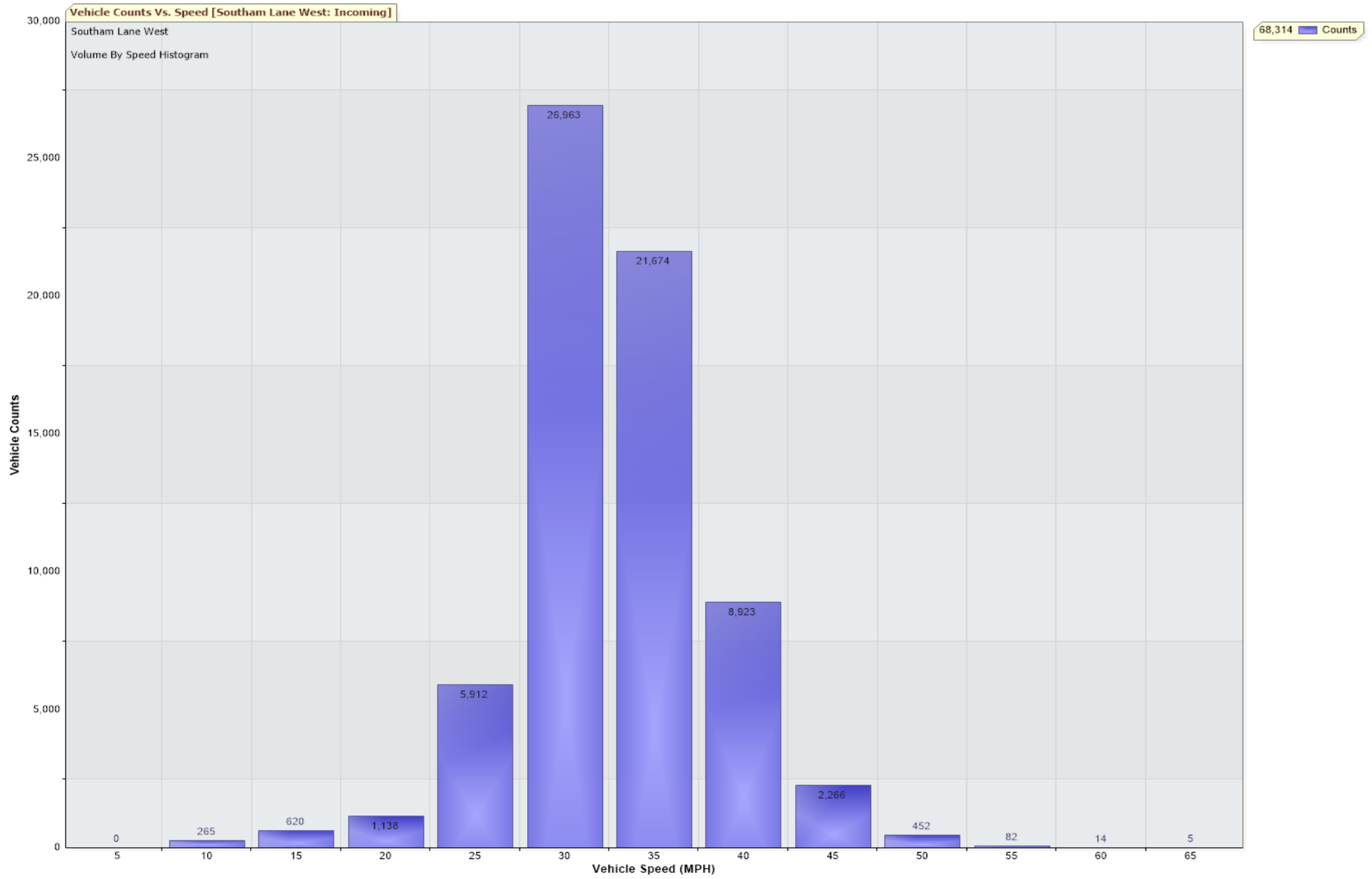


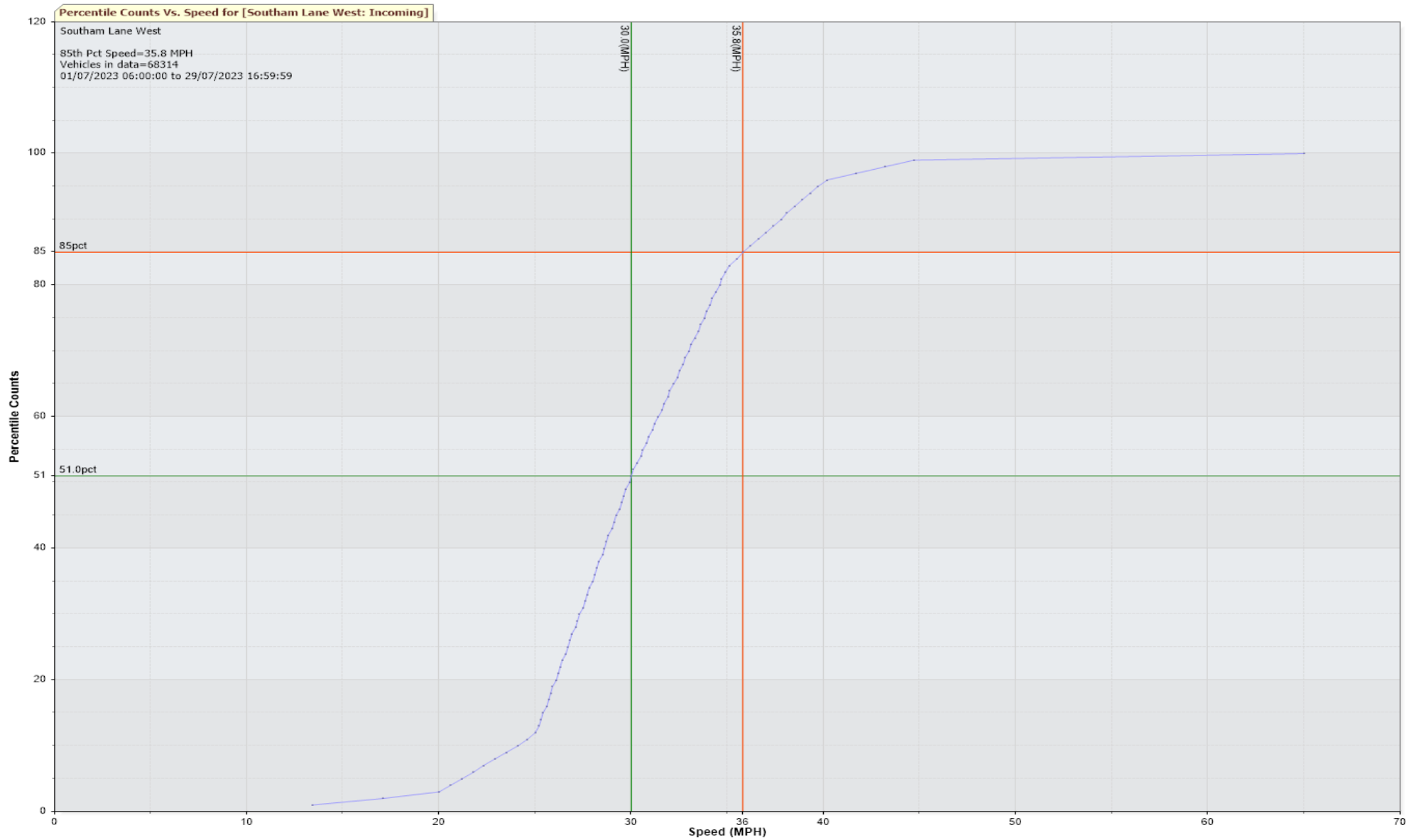
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 1896 cars per day. The average speed of motorized vehicles was 30.2 mph. 85% of all vehicles were travelling slower than 35.9 mph. The worst speeding event we had occurred at 7:45pm on the 1st July 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
Location/Name: Incoming
Report Generated: 04/09/2023 02:26:35 PM
Speed Intervals = 5 MPH

Traffic Report From 01/07/2023 10:00:00 AM through 29/07/2023 05:59:59 PM

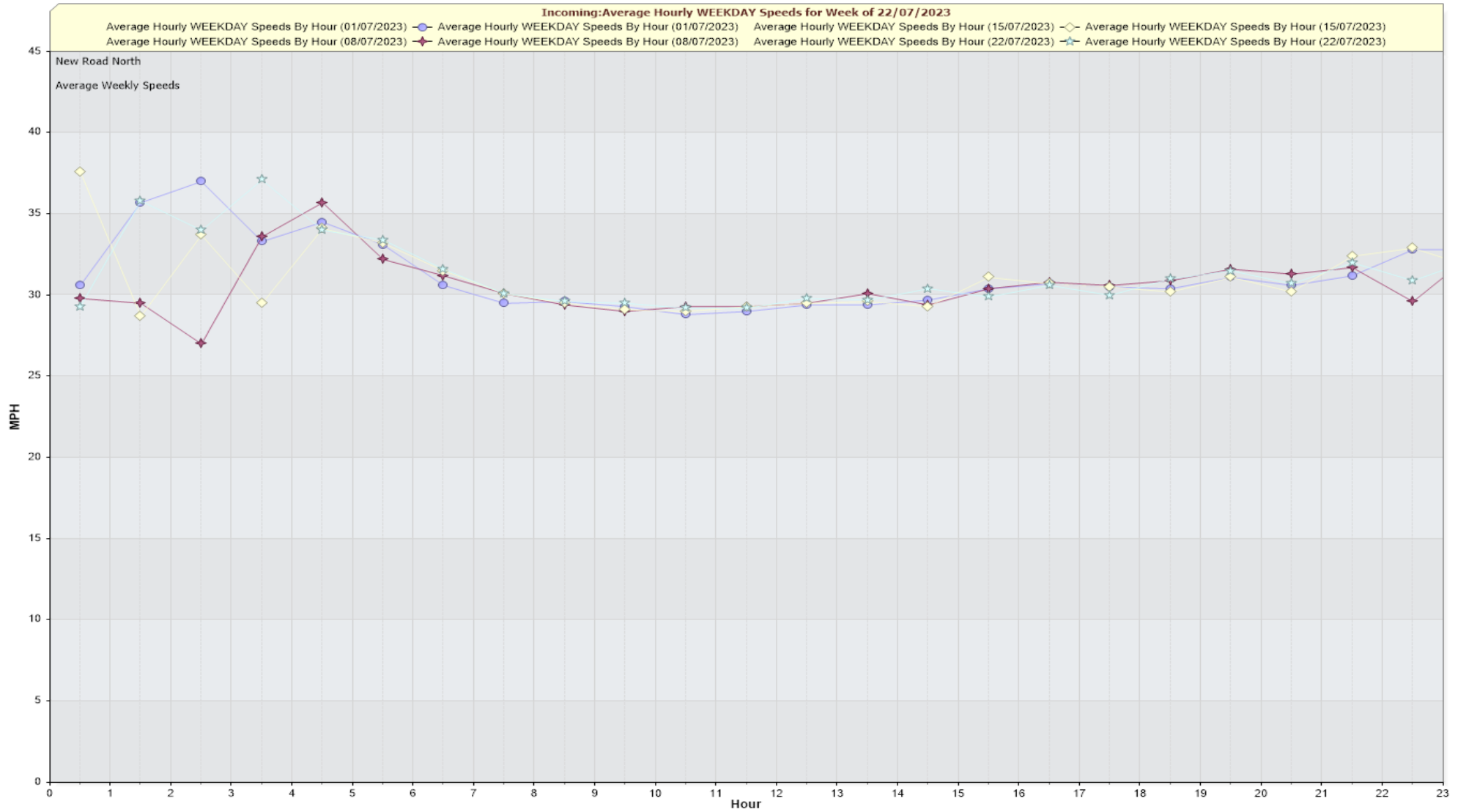
85th Percentile Speed = 35.9 MPH
85th Percentile Vehicles = 45,659 counts
Max Speed = 65.0 MPH on 01/07/2023 19:45:00
Total Vehicles =53,717 counts
AADT: 1895.9

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,057	1,867
AM Peak	07:00 to 08:00	249	199
PM Peak	02:00 to 03:00	163	143

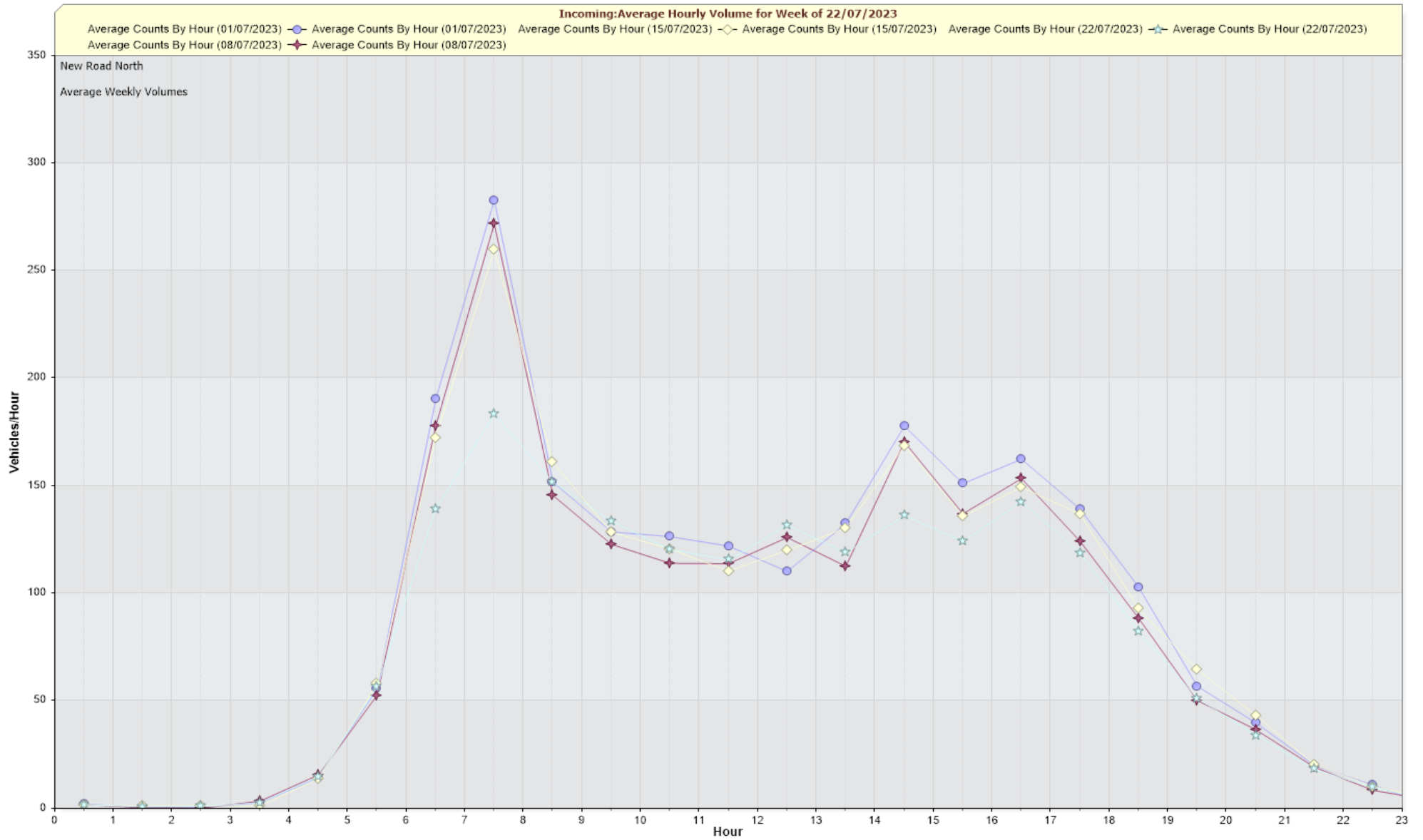
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 35.9 MPH
50th Percentile Speed: 30.1 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 30.2 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	4069	4126	4187	4324	4151	3616	2734
% over limit	51.8	50.0	50.6	51.0	50.0	51.2	49.7
Avg Speeder	34.6	34.7	34.7	34.7	34.6	34.7	34.7



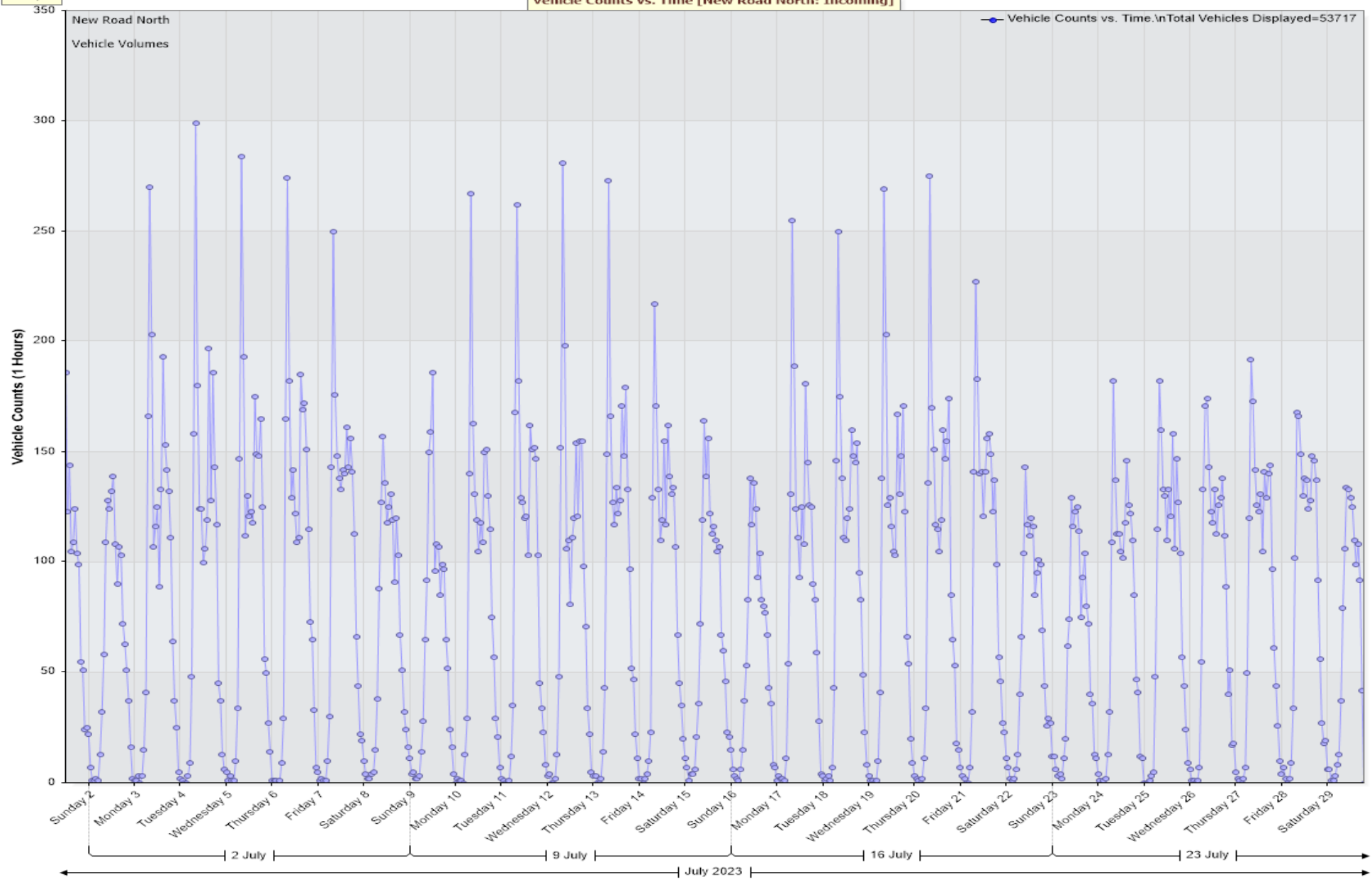
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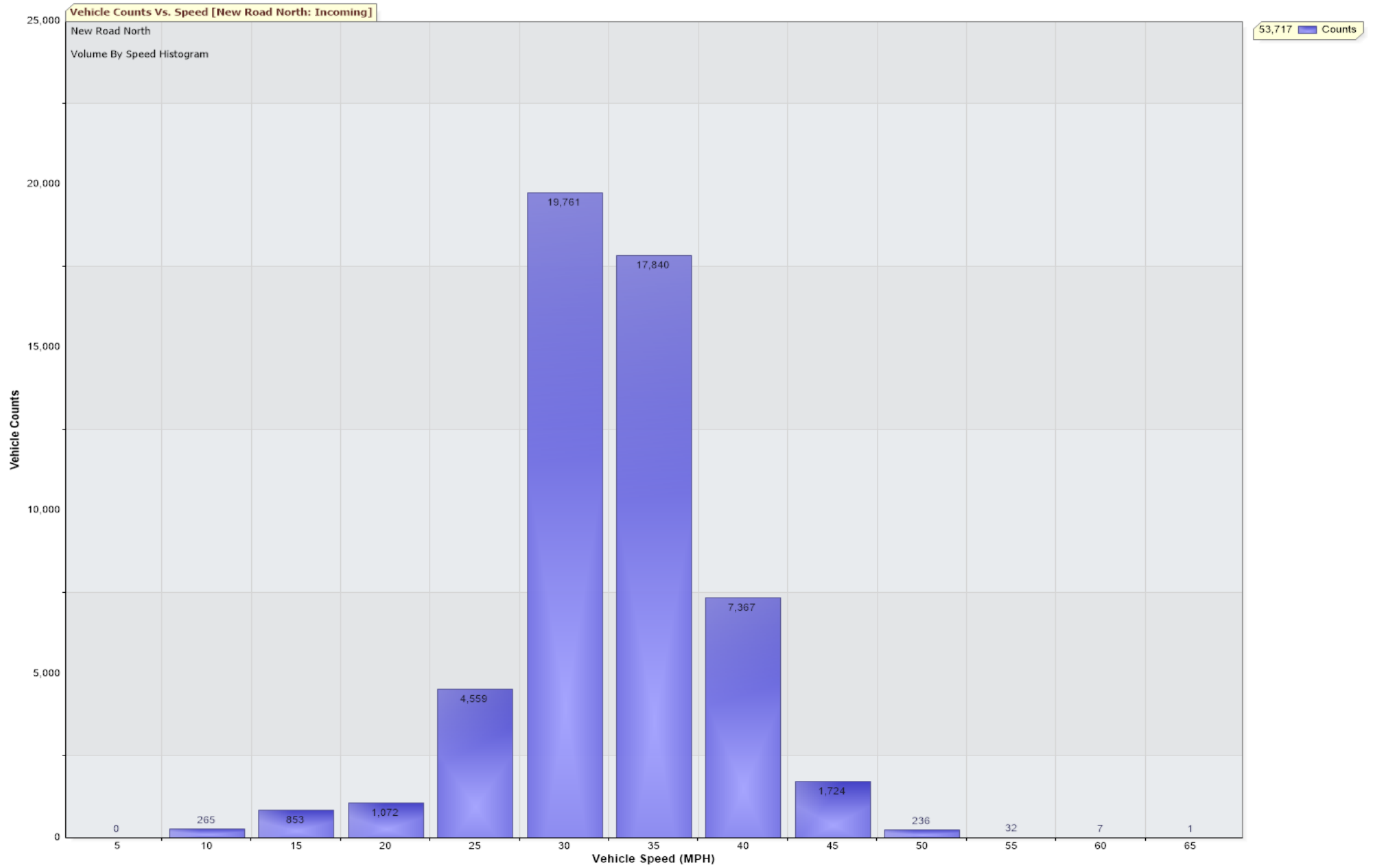


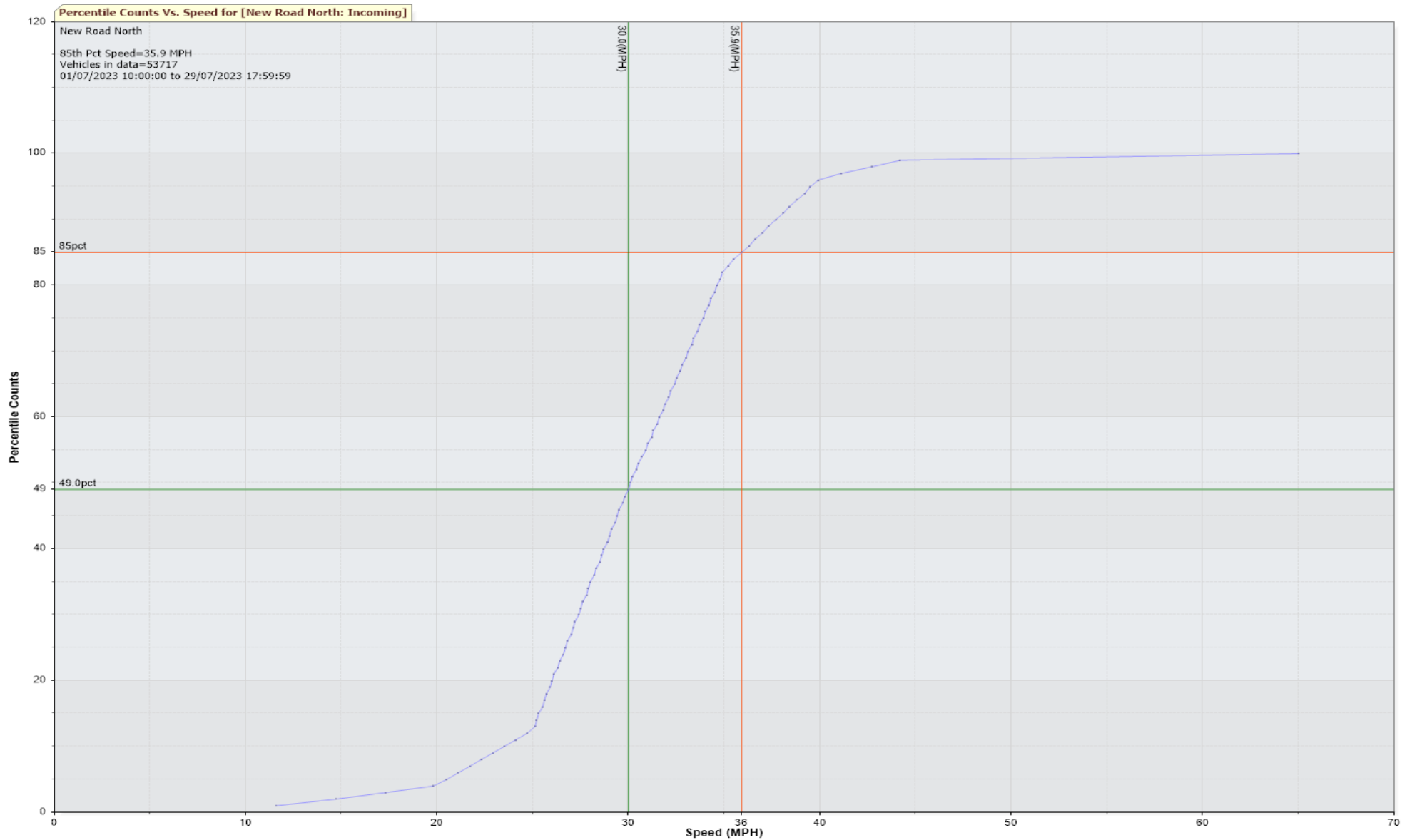
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.