

TRAFFIC ANALYSIS REPORT FOR AUGUST 2023

1. Southam Lane

This month saw an average of 2255 cars per day. The average speed of motorized vehicles was 30.1 mph. 85% of all vehicles were travelling slower than 35.9 mph. The worst speeding event we had occurred at 12.00pm on the 15th August 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 no rain correction in this data.

For Project: Southam Lane West
Location/Name: Incoming
Report Generated: 10/12/2023 07:23:19 PM
Speed Intervals = 5 MPH

Traffic Report From 03/08/2023 06:00:00 AM through 31/08/2023 02:59:59 PM

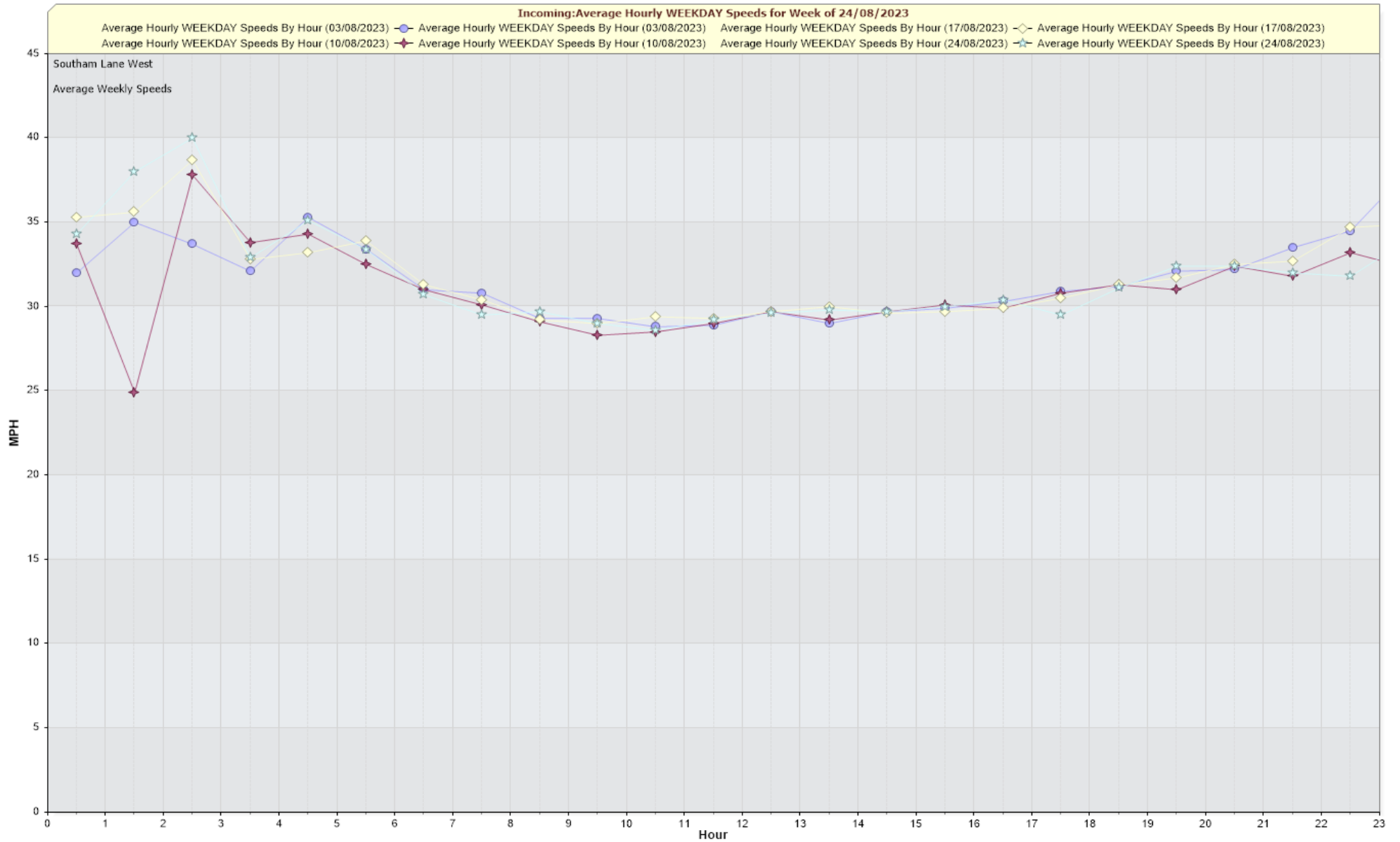
85th Percentile Speed = 35.9 MPH
85th Percentile Vehicles = 54,395 counts
Max Speed = 65.0 MPH on 15/08/2023 12:00:00
Total Vehicles =63,994 counts
AADT: 2255.3

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,326	2,204
AM Peak	11:00 to 12:00	178	181
PM Peak	03:00 to 04:00	213	196

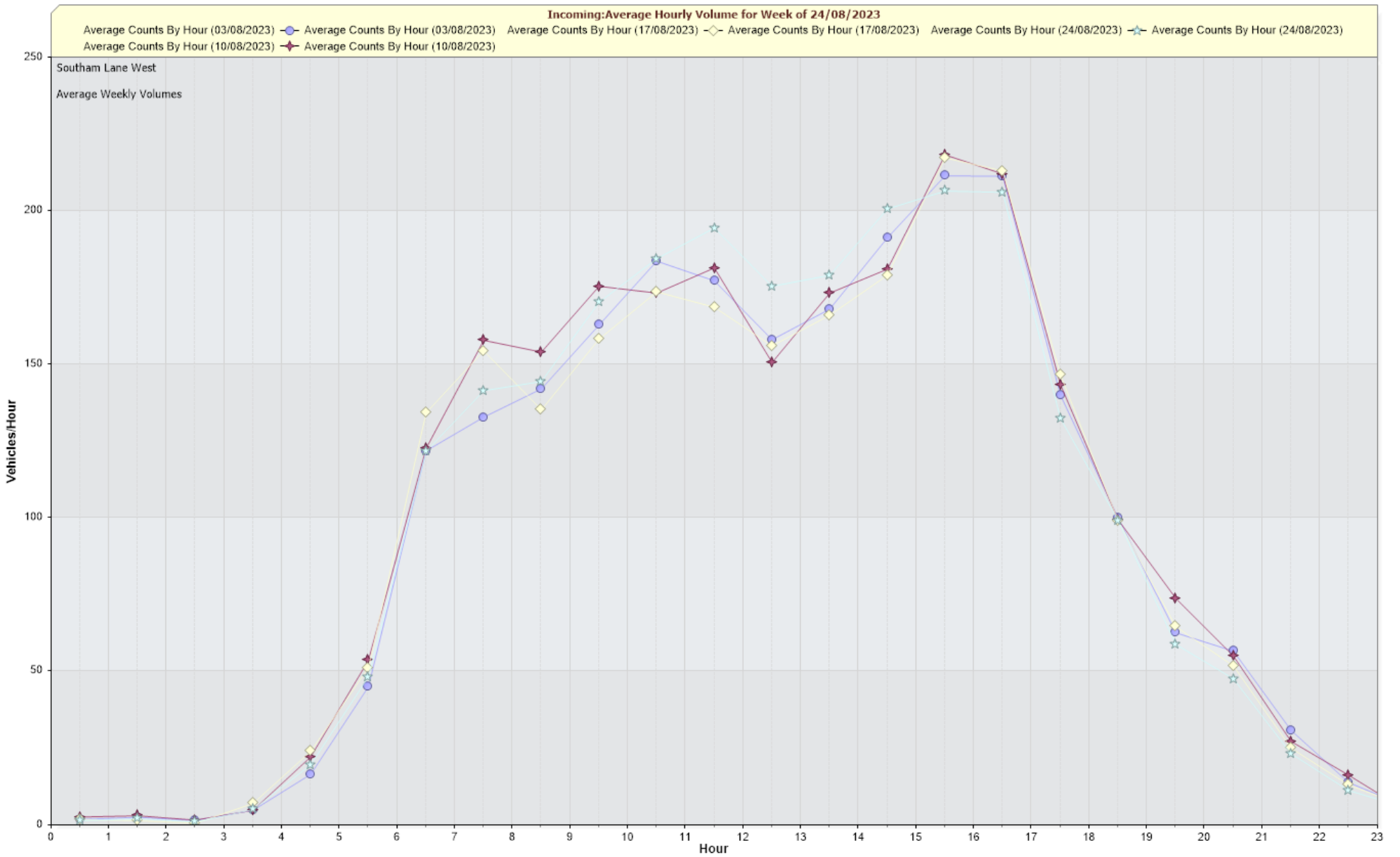
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 35.9 MPH
50th Percentile Speed: 29.8 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	4390	4610	4599	5209	4491	4027	3587
% over limit	50.3	48.3	47.1	46.4	47.2	50.2	49.9
Avg Speeder	34.9	34.9	34.9	34.8	34.9	34.9	34.8



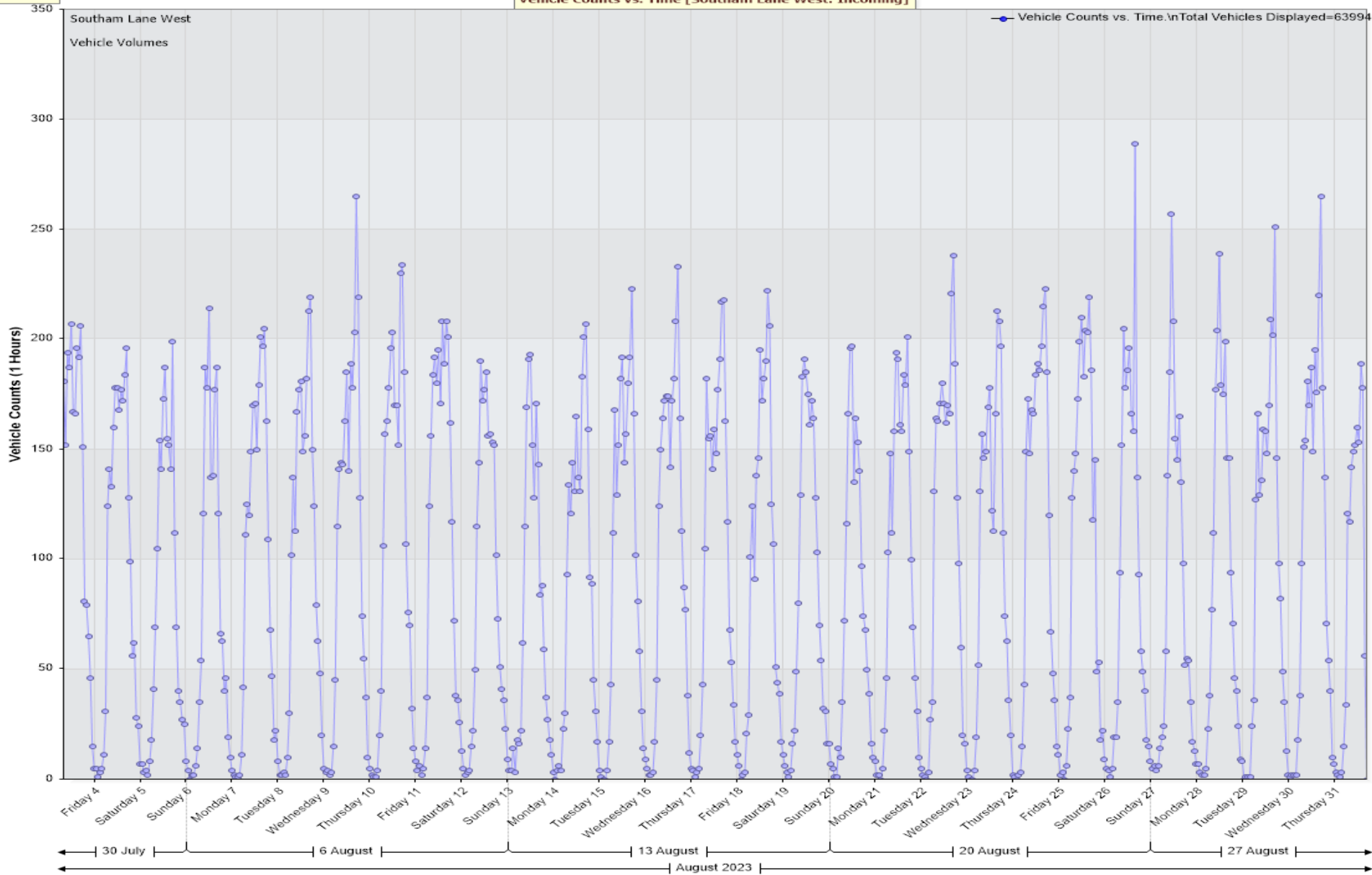
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

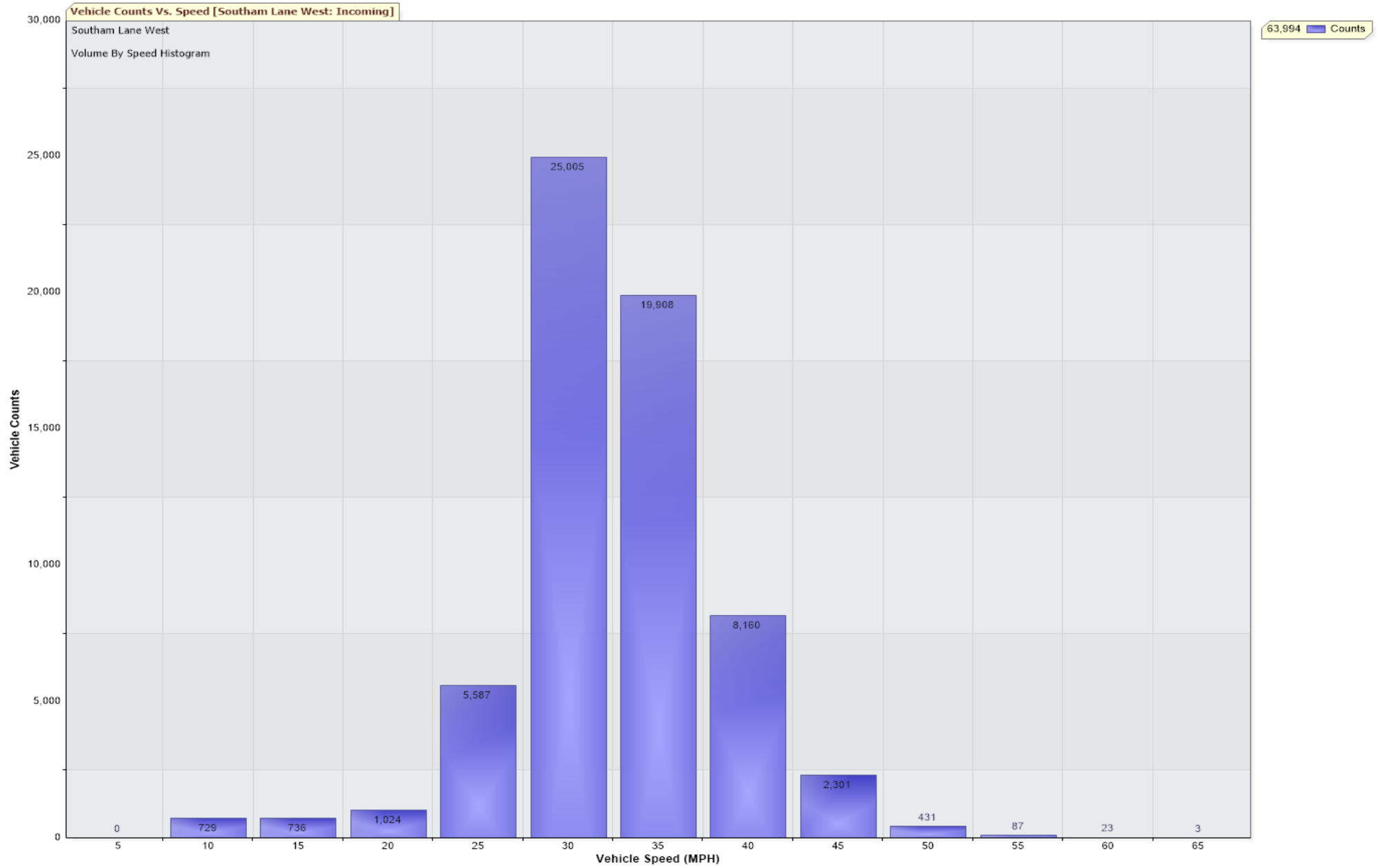


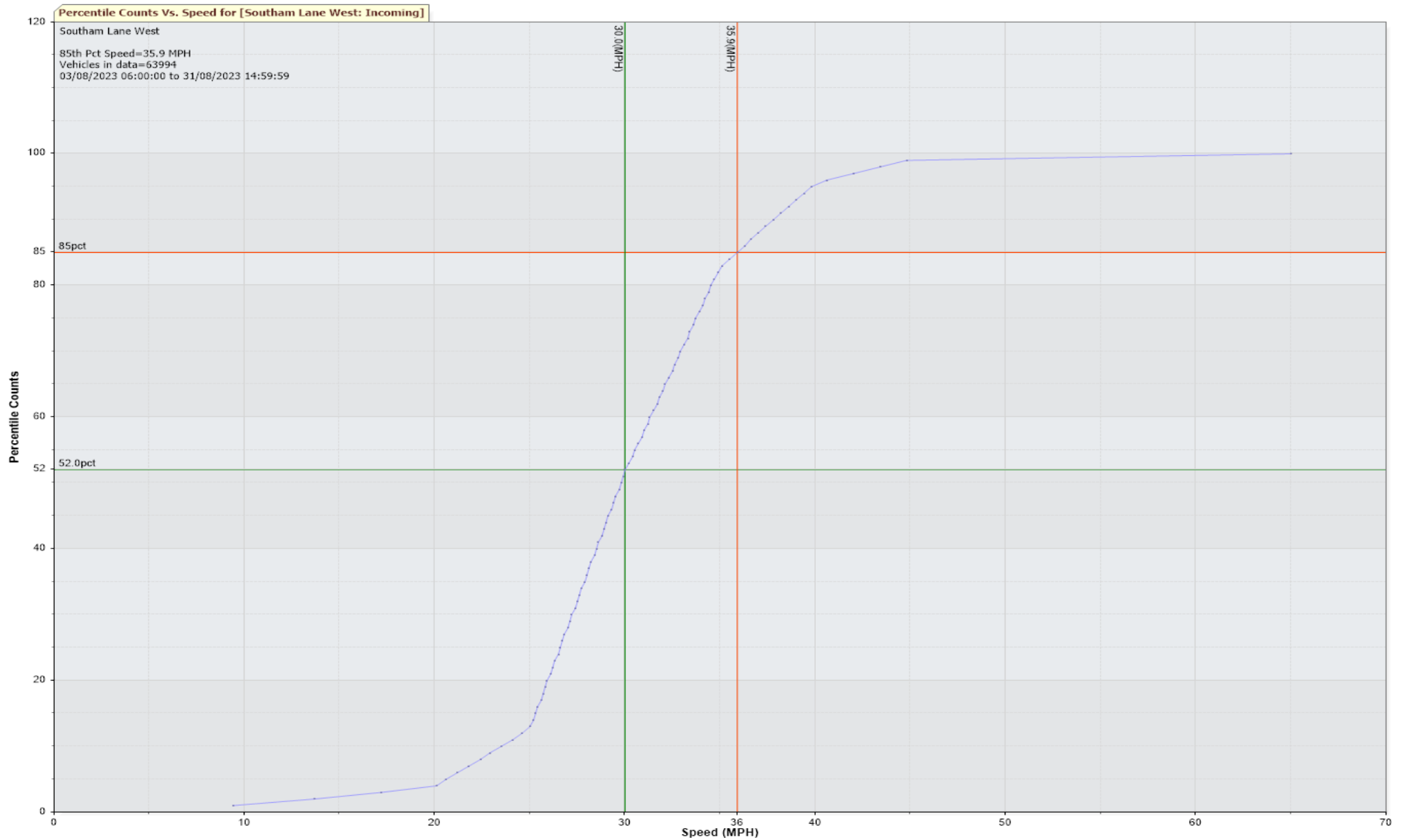
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 1509 cars per day. The average speed of motorized vehicles was 30.3mph. 85% of all vehicles were travelling slower than 36.1 mph. The worst speeding event we had occurred at 5:15pm on the 4th August 2023 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
Projects Notes/Address:
Report Generated: 04/12/2023 06:19:48 PM
Speed Intervals = 5 MPH

Traffic Report From 03/08/2023 10:00:00 AM through 31/08/2023 04:59:59 PM

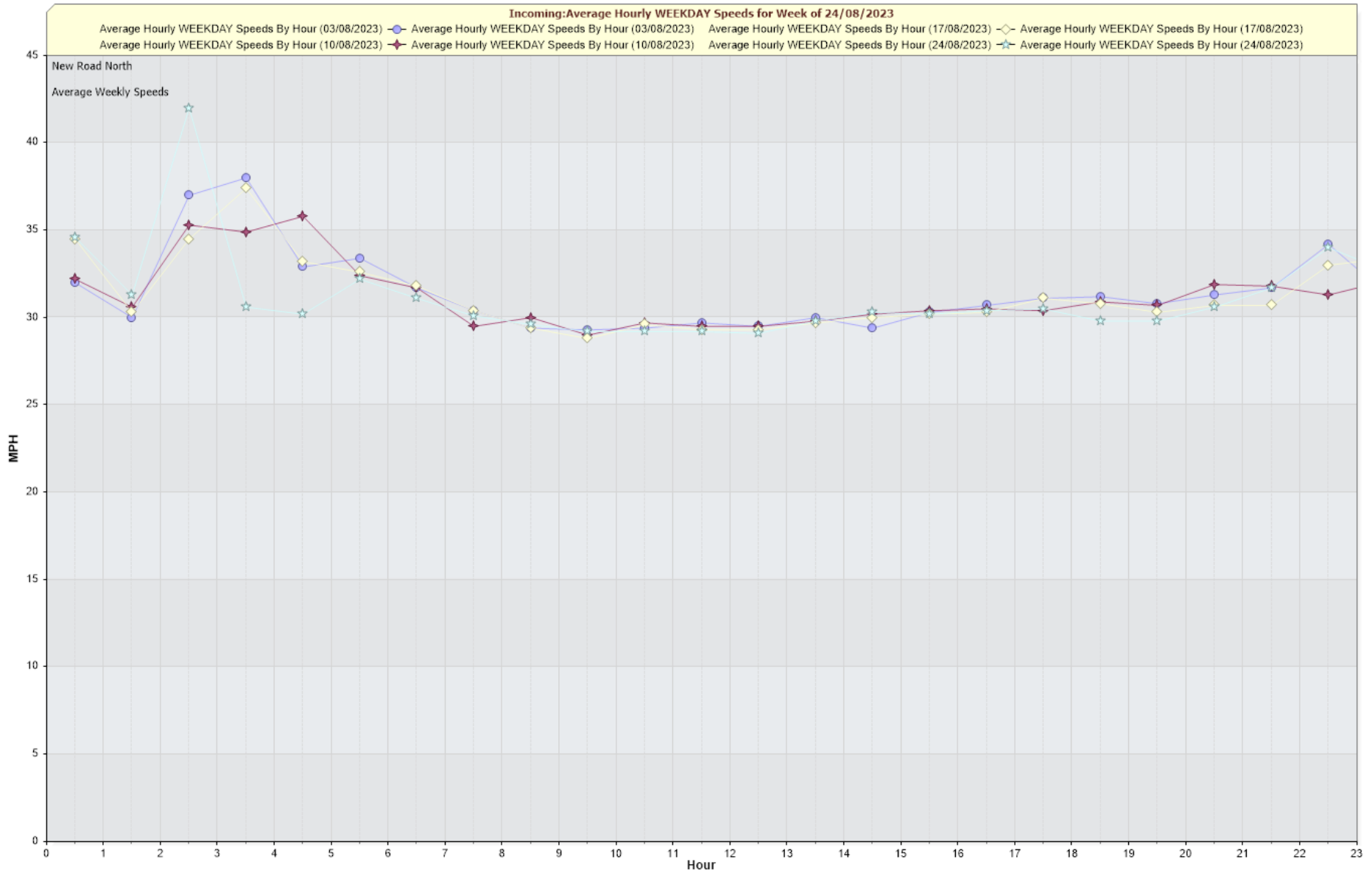
85th Percentile Speed = 36.1 MPH
85th Percentile Vehicles = 36,282 counts
Max Speed = 60.0 MPH on 04/08/2023 17:15:00
Total Vehicles =42,685 counts
AADT: 1508.7

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		1,575	1,471
AM Peak	07:00 to 08:00	151	126
PM Peak	04:00 to 05:00	119	106

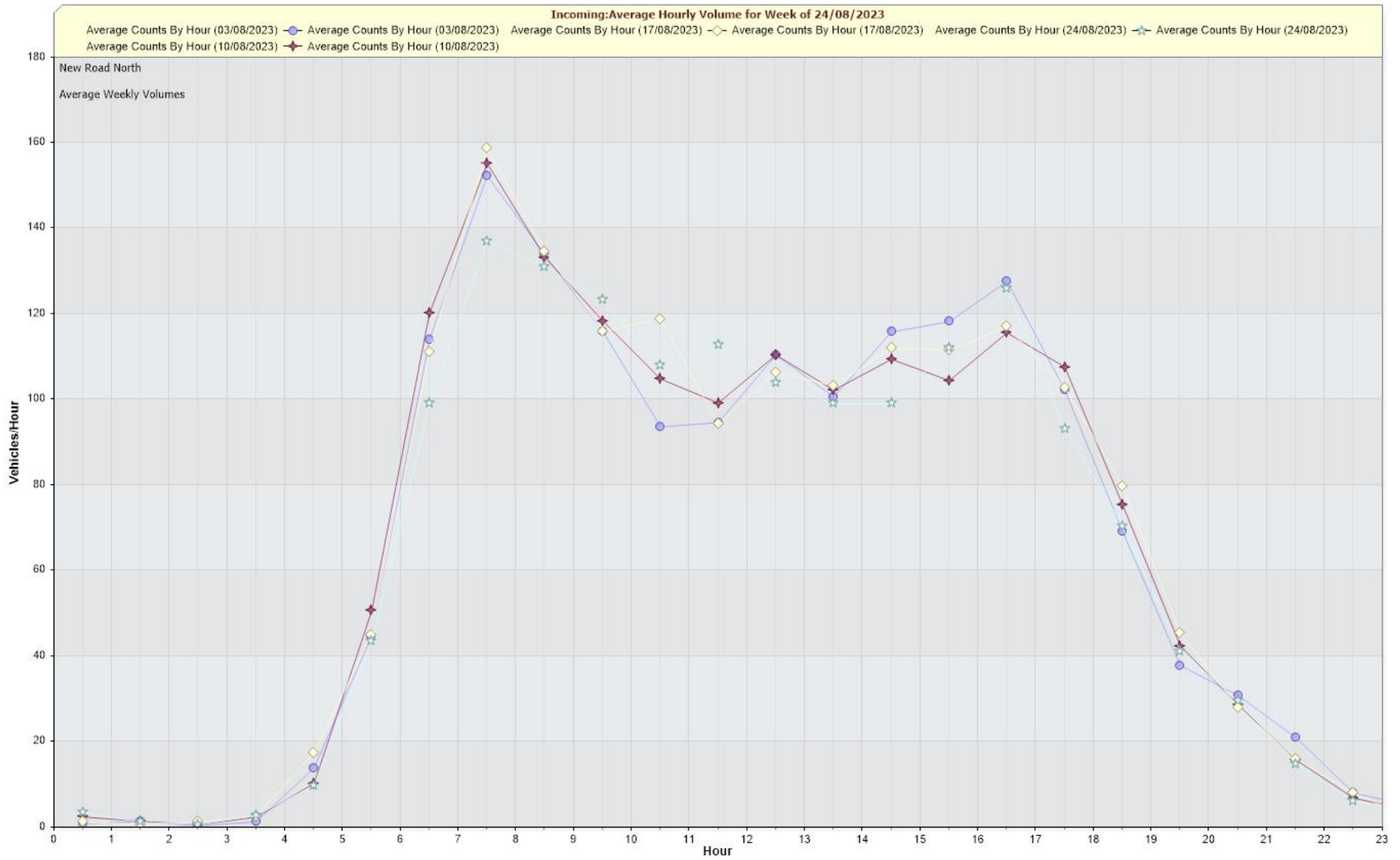
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 36.1 MPH
50th Percentile Speed: 30.2 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 30.3 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3038	3286	3482	3614	3305	2728	2386
% over limit	52.6	49.4	51.5	49.2	51.2	53.0	52.4
Avg Speeder	34.8	34.6	34.8	34.6	34.9	34.8	34.7



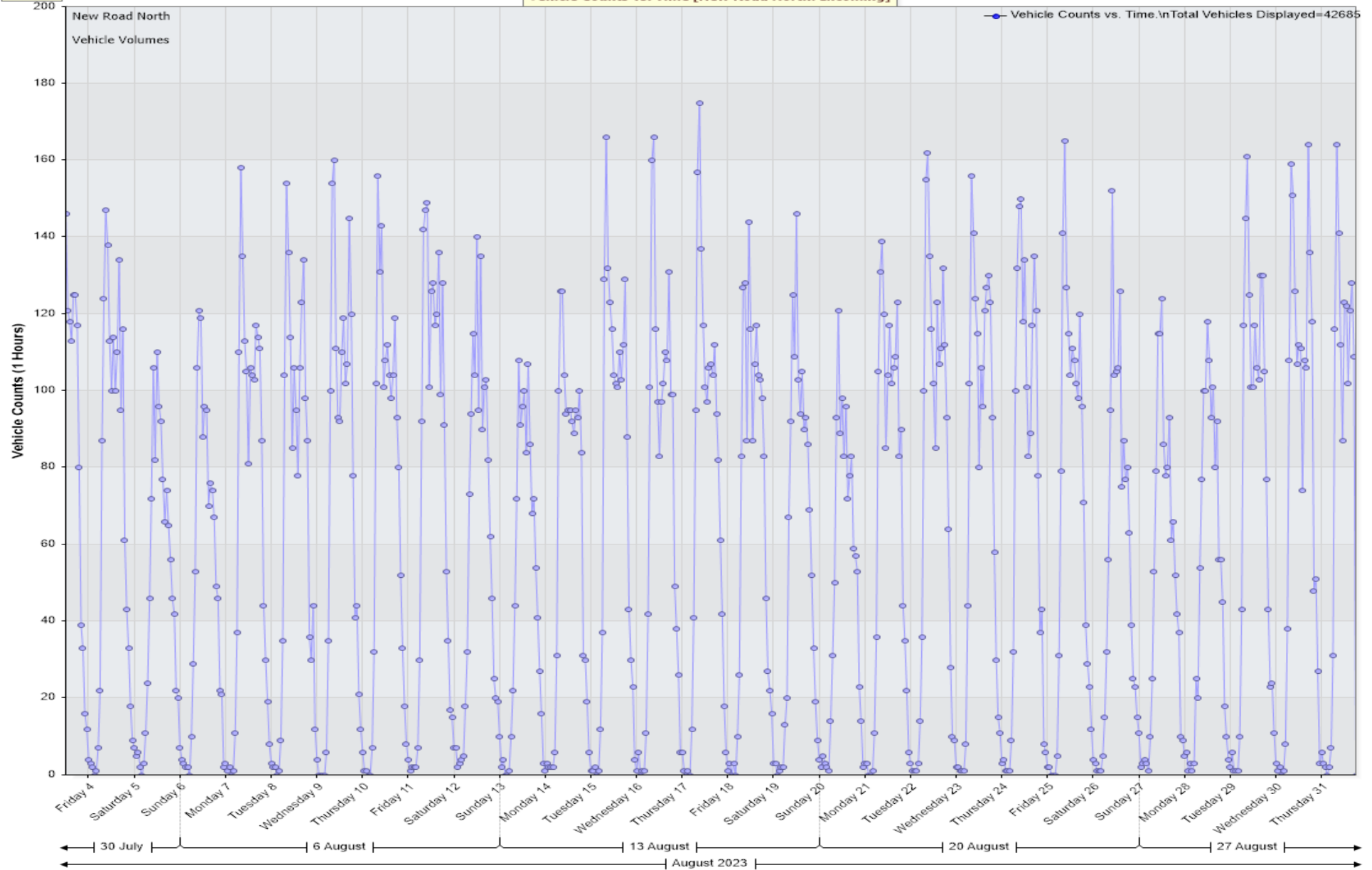
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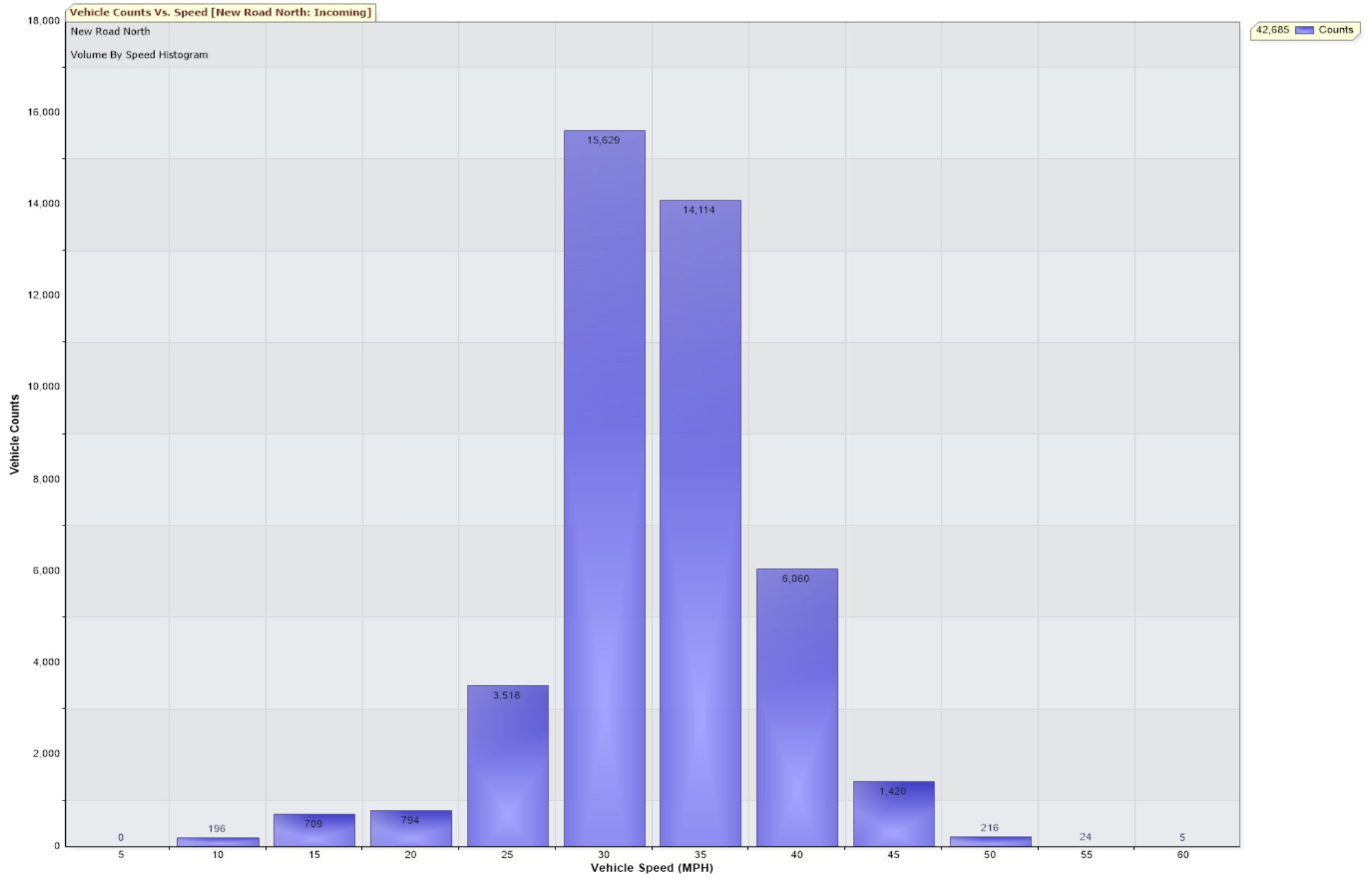


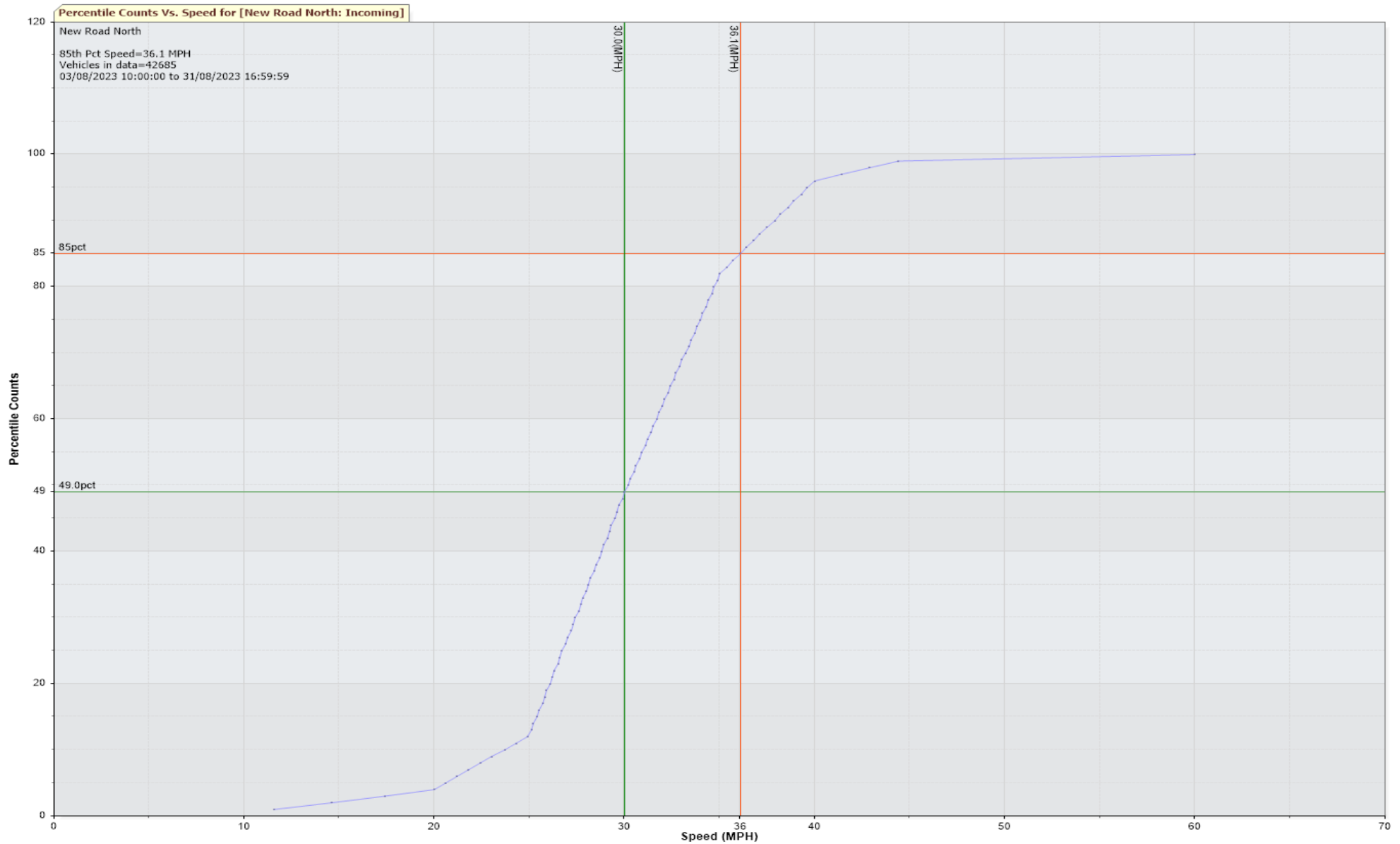
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.