

# TRAFFIC ANALYSIS REPORT FOR MAY 2023

## 1. Southam Lane

This month saw an average of 2366 cars per day. The average speed of motorized vehicles was 30.3 mph. 85% of all vehicles were travelling slower than 36.0 mph. The worst speeding event we had occurred at 10:30pm on the 17<sup>th</sup> May 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 1.0% rain correction in this data.

For Project: Southam Lane West  
Location/Name: Incoming  
Report Generated: 31/08/2023 01:48:56 PM  
Speed Intervals = 5 MPH

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

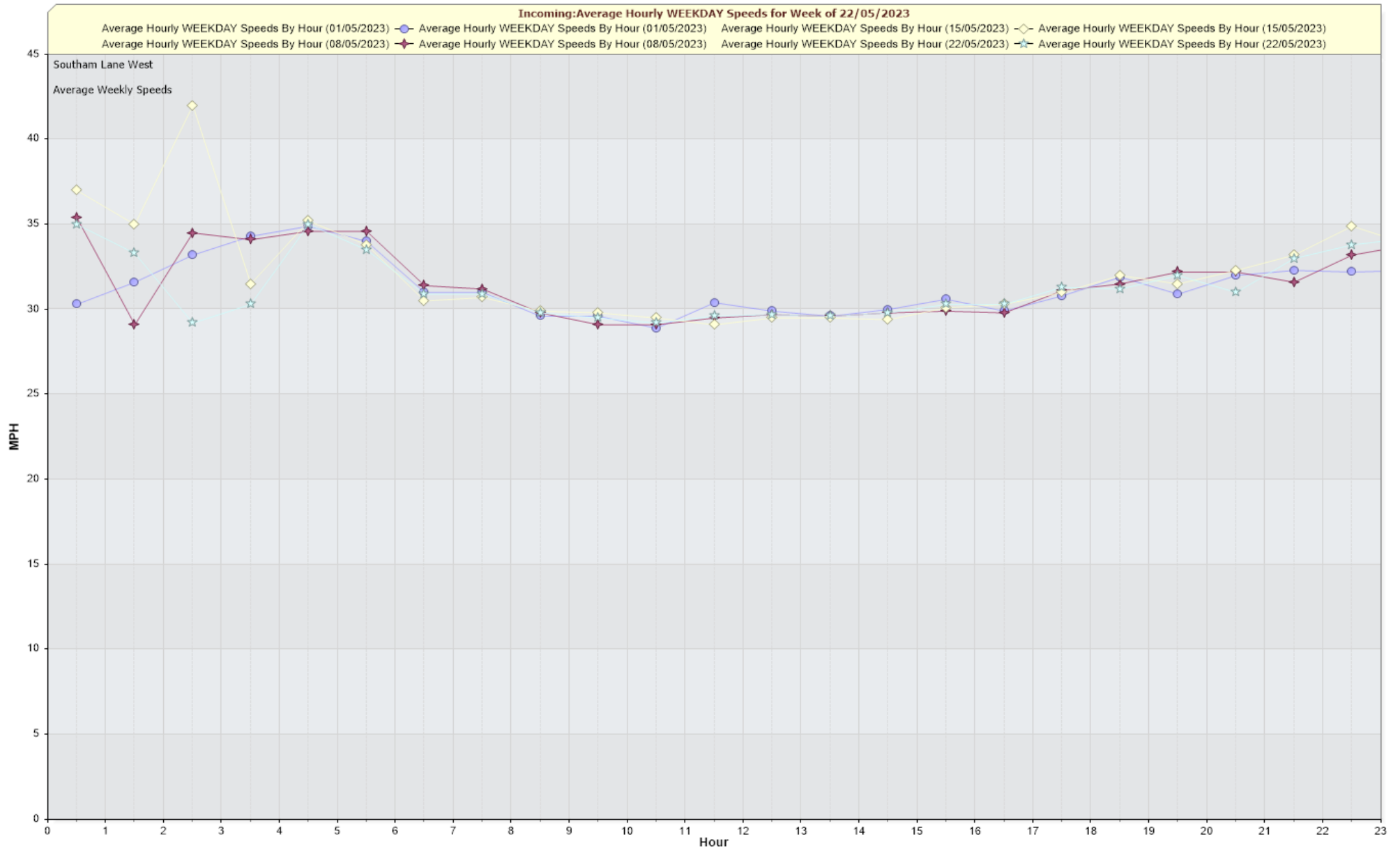
85th Percentile Speed = 36.0 MPH  
85th Percentile Vehicles = 55,718 counts  
Max Speed = 65.0 MPH on 17/05/2023 22:30:00  
Total Vehicles = 65,551 counts  
AADT: 2365.8

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,349	2,286
AM Peak	07:00 to 08:00	204	190
PM Peak	02:00 to 03:00	220	202

## Speed

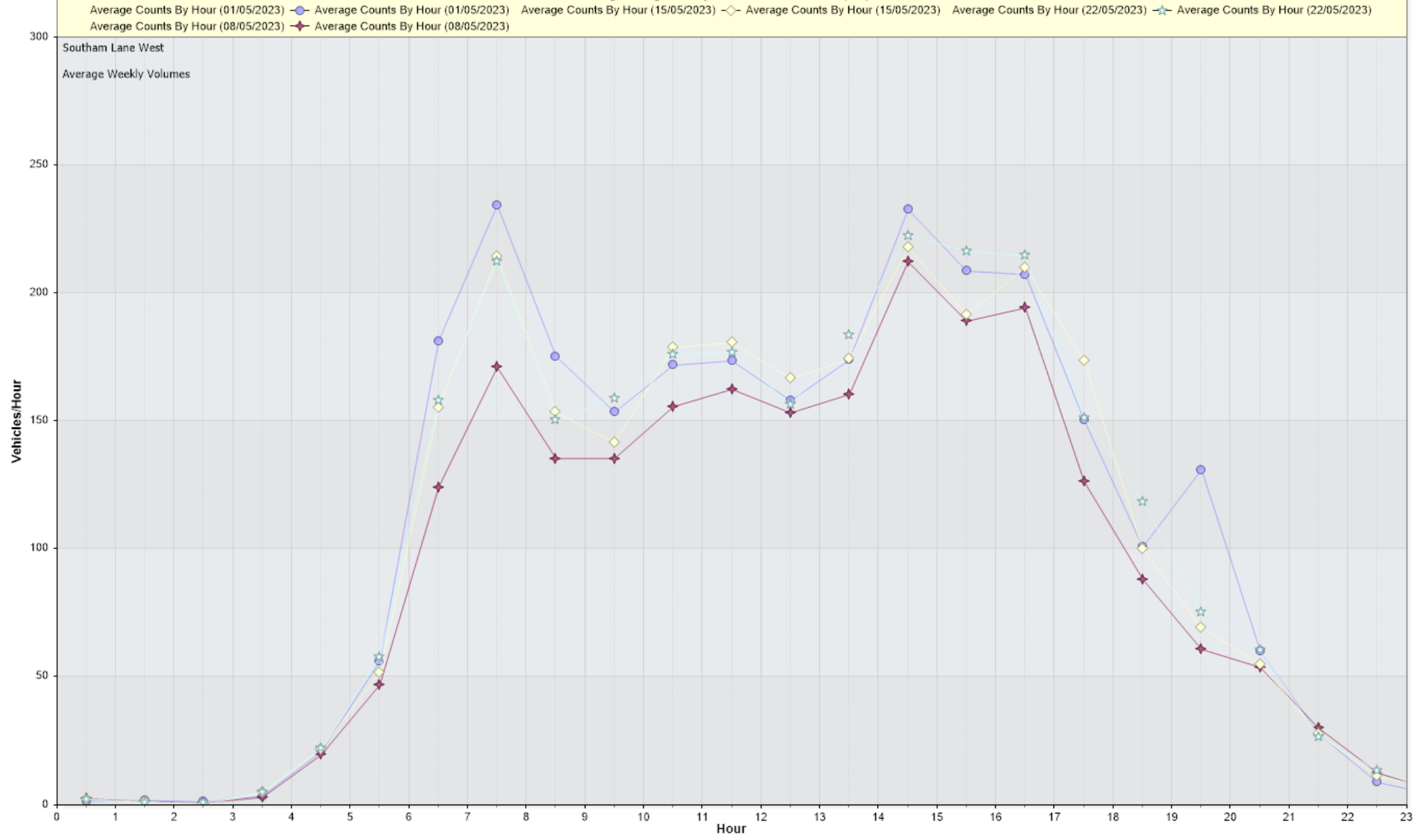
Speed Limit: 30 MPH  
85th Percentile Speed: 36.0 MPH  
50th Percentile Speed: 29.9 MPH  
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
Average Speed: 30.3 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3914	4952	4994	5313	5255	4334	3753
% over limit	51.7	50.0	50.3	51.0	49.2	51.0	43.9
Avg Speeder	35.0	34.9	34.8	34.8	34.7	34.8	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.

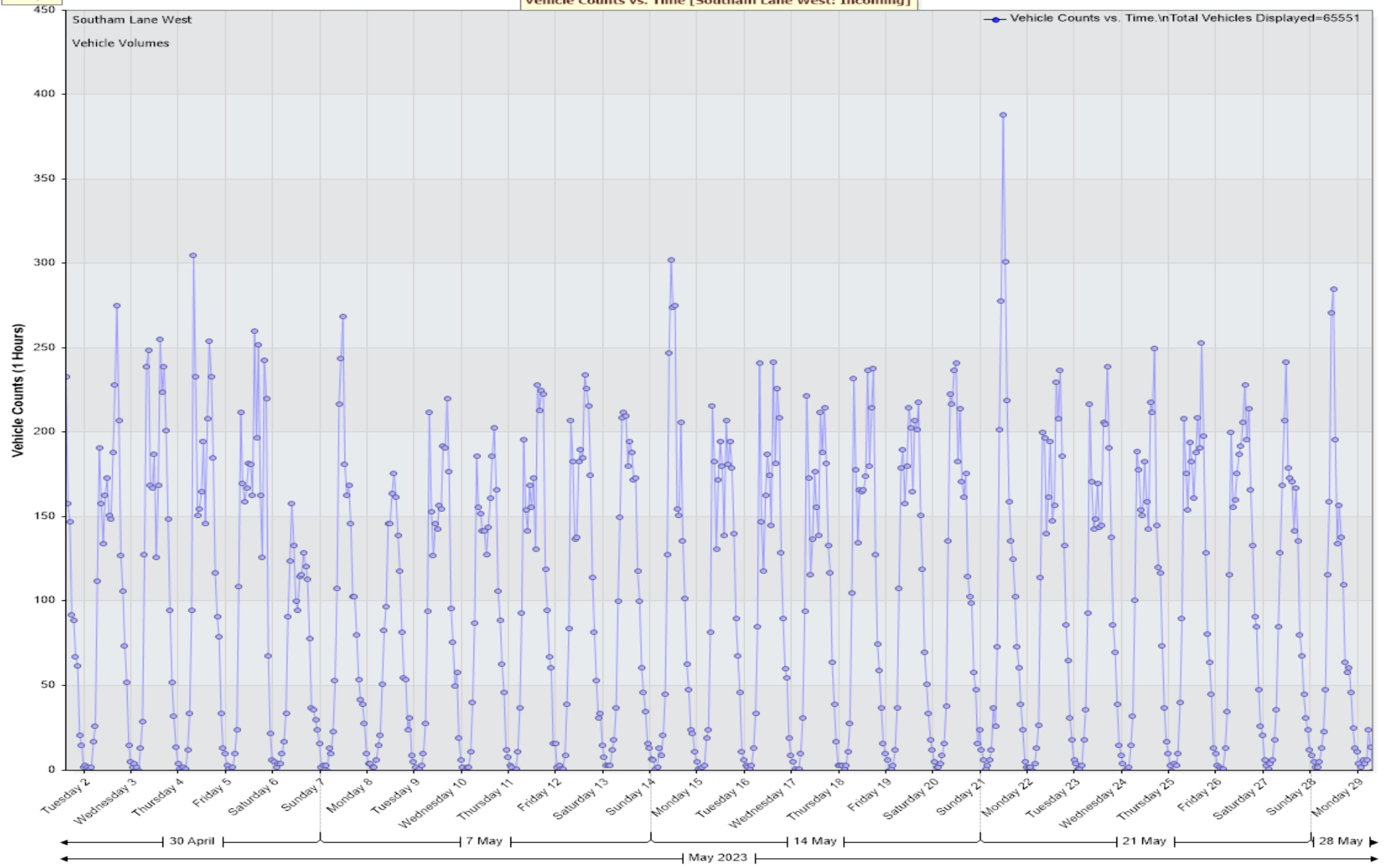
Incoming: Average Hourly Volume for Week of 22/05/2023

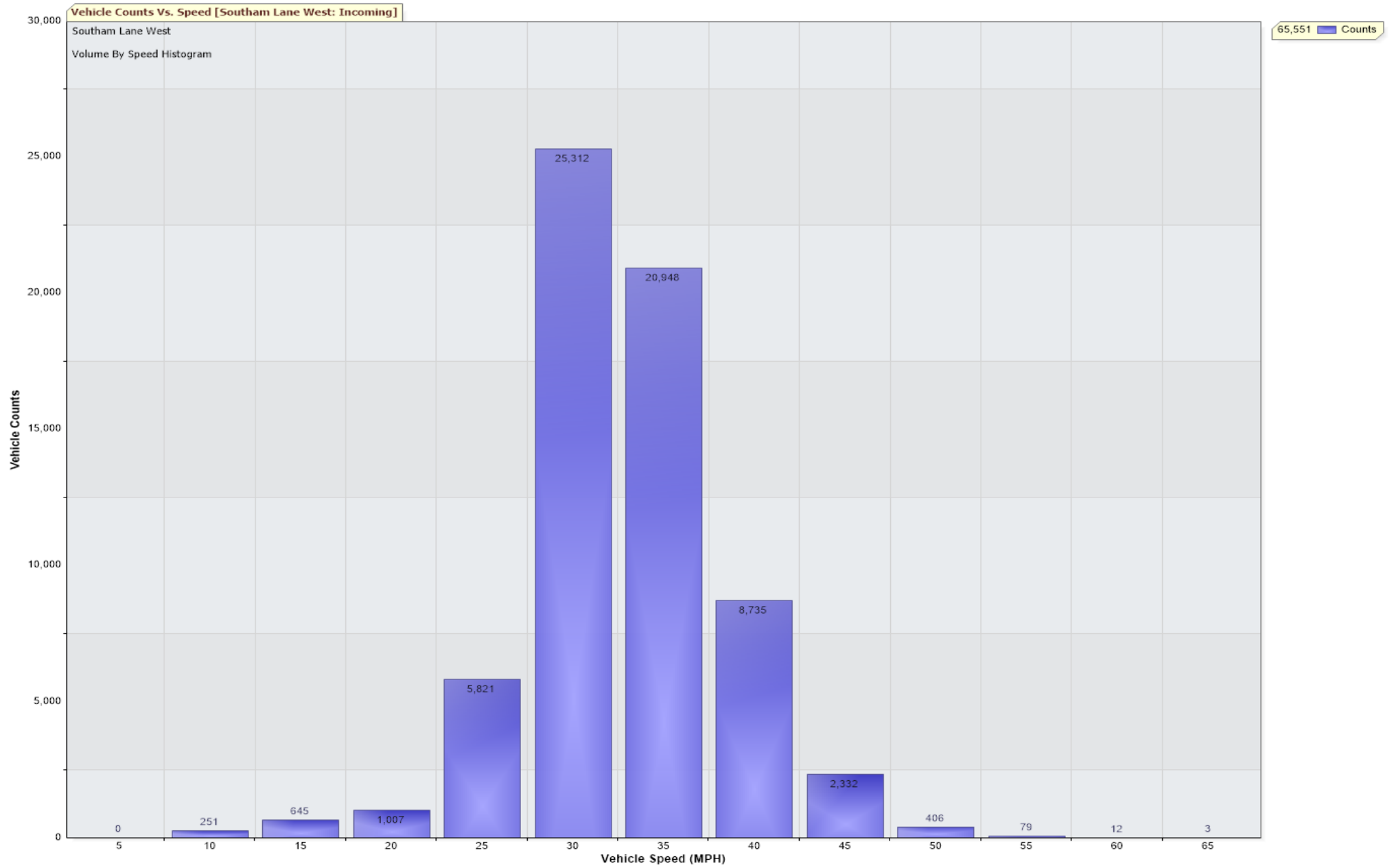


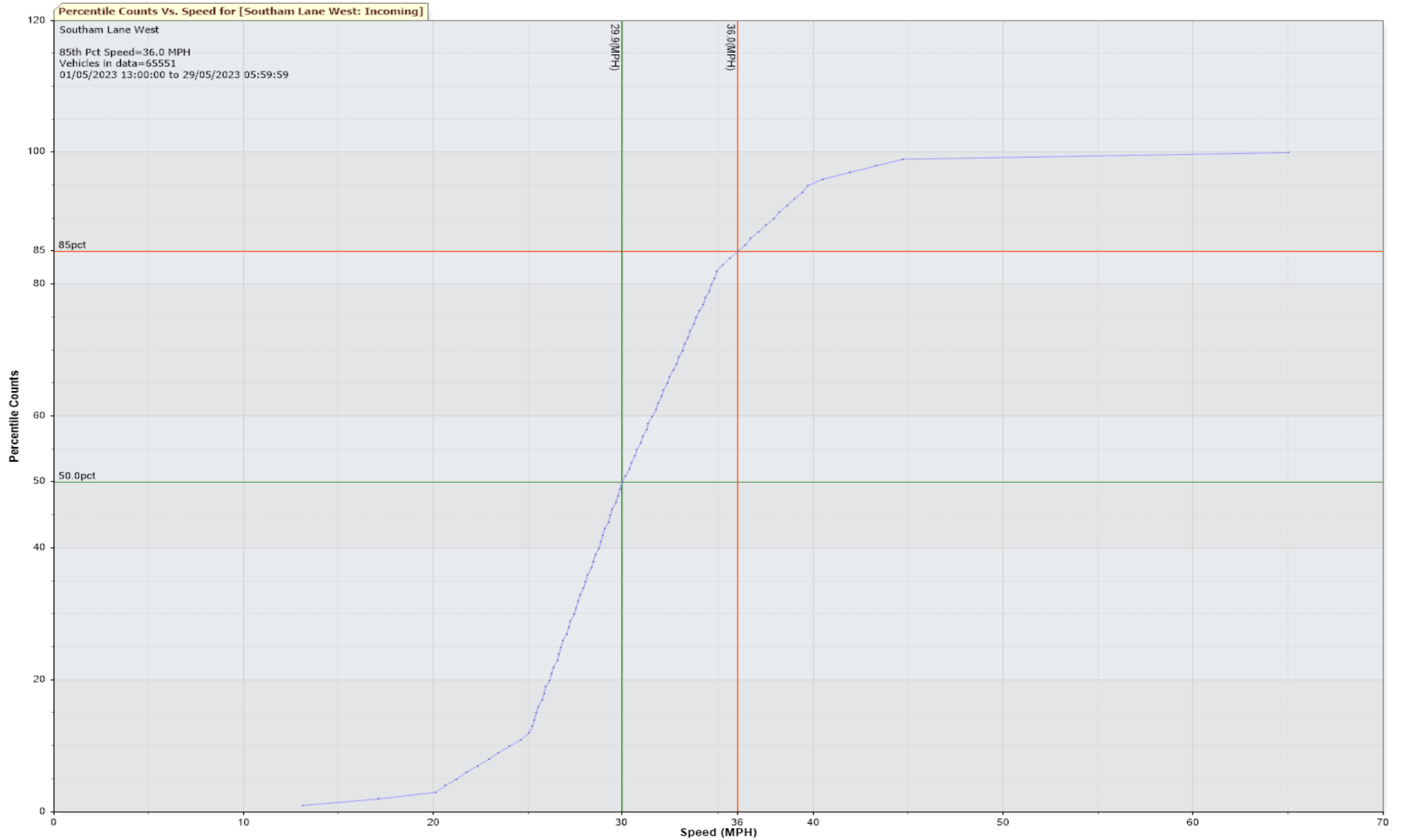
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 1942 cars per day. The average speed of motorized vehicles was 29.9 mph. 85% of all vehicles were travelling slower than 35.7 mph. The worst speeding event we had occurred at 09:31pm on the 19<sup>th</sup> May 2023 when a vehicle was recorded travelling at 70 mph coming into the village. Traffic is travelling southwards on New Road. No rain correction required. Note that during the first part of the month no data was collected due to a flat battery.

For Project: New Road North  
 Location/Name: Incoming  
 Report Generated: 31/08/2023 12:15:40 PM  
 Speed Intervals = 5 MPH

Traffic Report From 13/05/2023 11:00:00 AM through 03/06/2023 06:59:59 AM

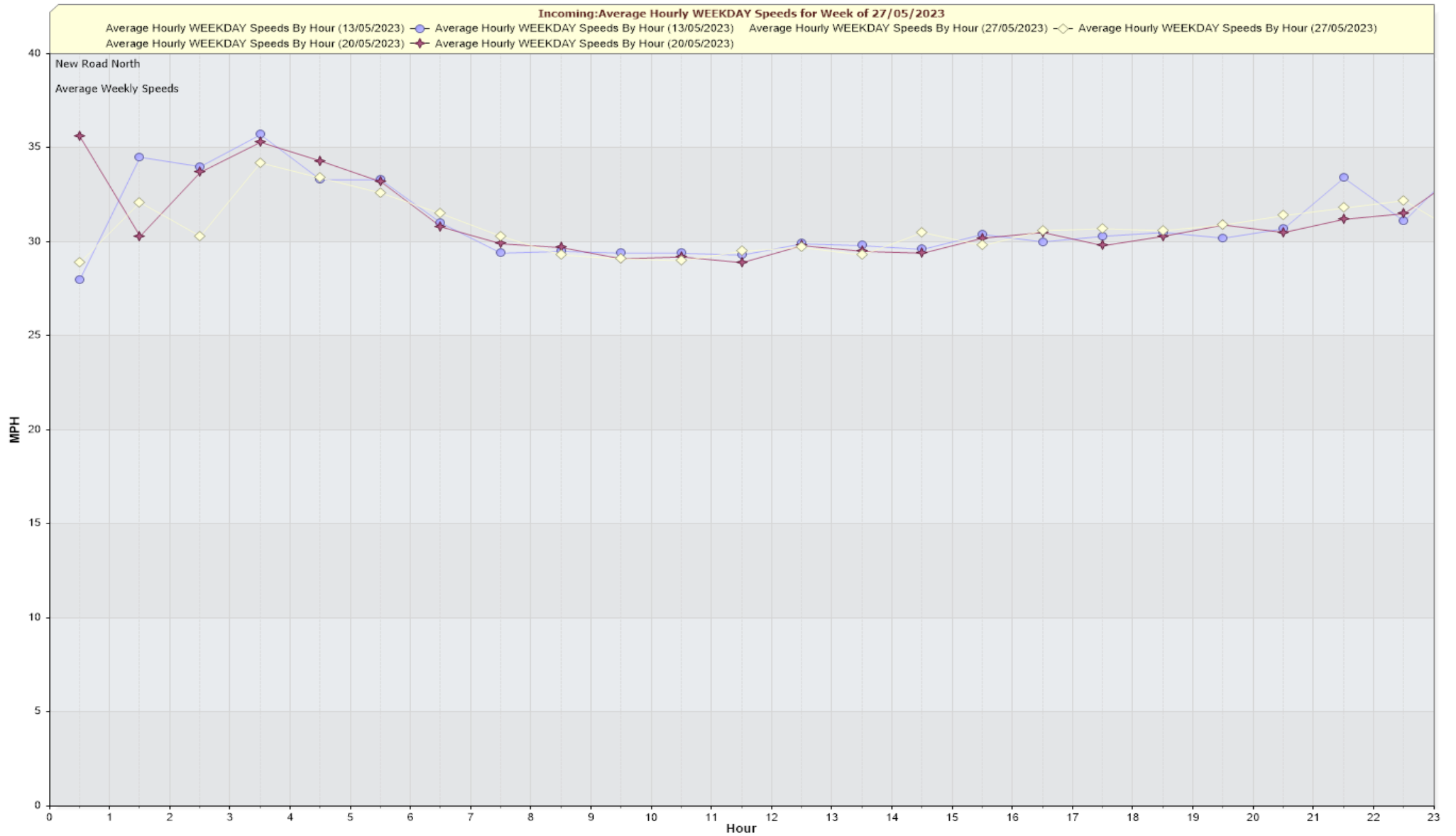
85th Percentile Speed = 35.7 MPH  
 85th Percentile Vehicles = 34,381 counts  
 Max Speed = 70.0 MPH on 19/05/2023 21:30:00  
 Total Vehicles =40,448 counts  
 AADT: 1941.5

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,085	1,869
AM Peak	07:00 to 08:00	249	202
PM Peak	02:00 to 03:00	166	155

### Speed

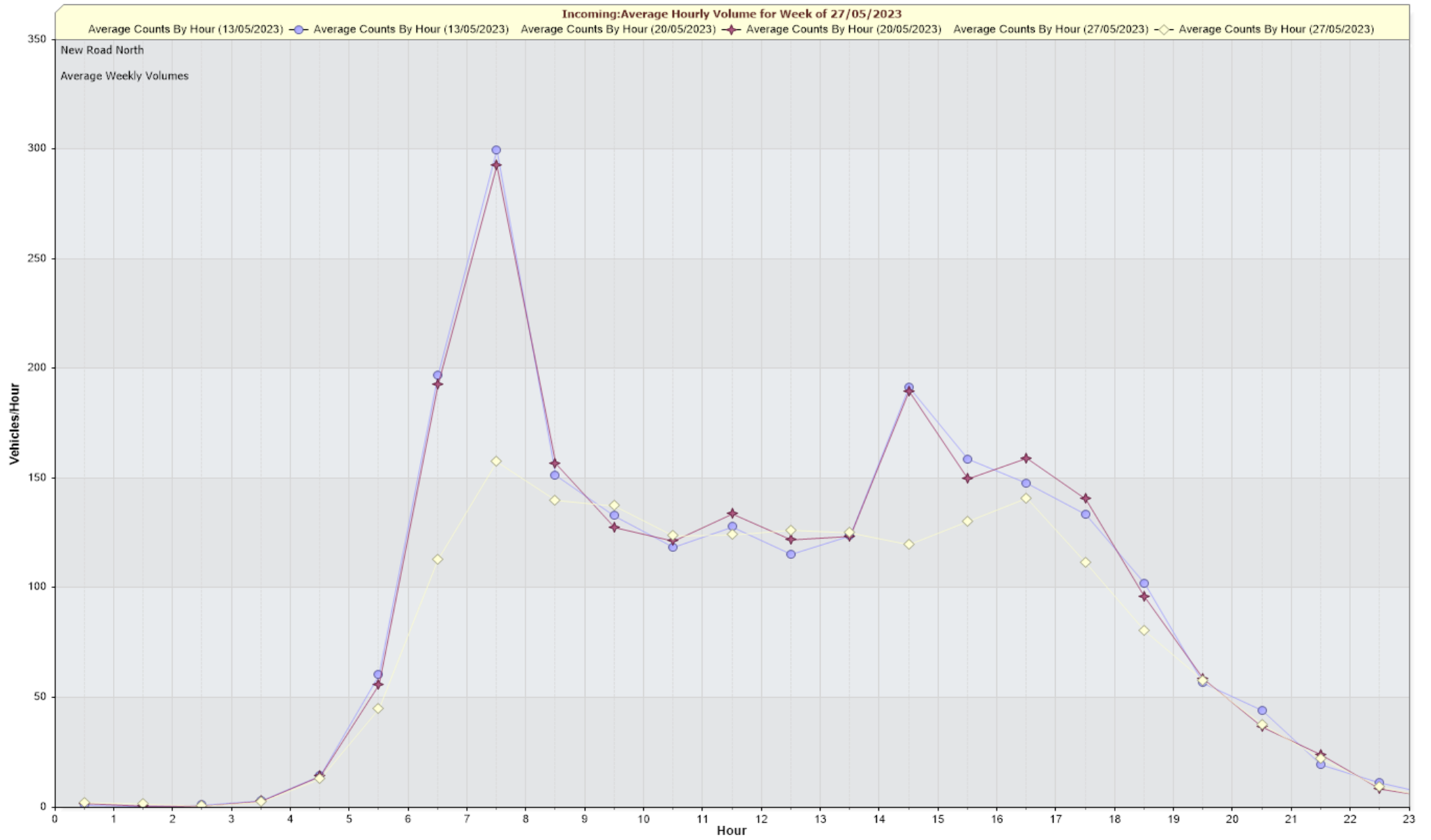
Speed Limit: 30 MPH  
 85th Percentile Speed: 35.7 MPH  
 50th Percentile Speed: 29.9 MPH  
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
 Average Speed: 29.9 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	2835	3088	3237	3272	3211	2273	2086
% over limit	51.3	48.9	50.5	50.2	49.2	48.1	47.1
Avg Speeder	34.6	34.6	34.6	34.7	34.7	34.7	34.5



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.

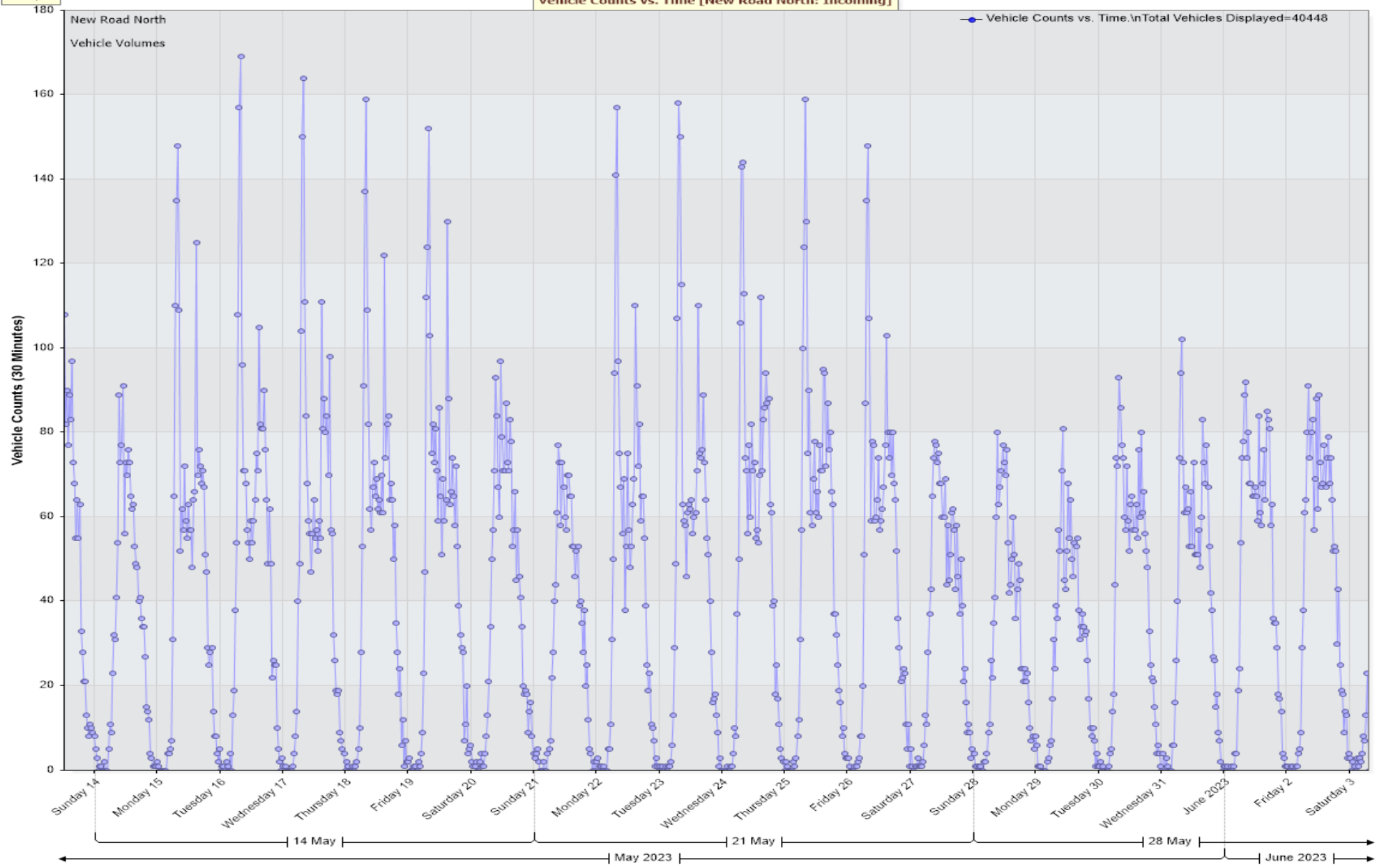


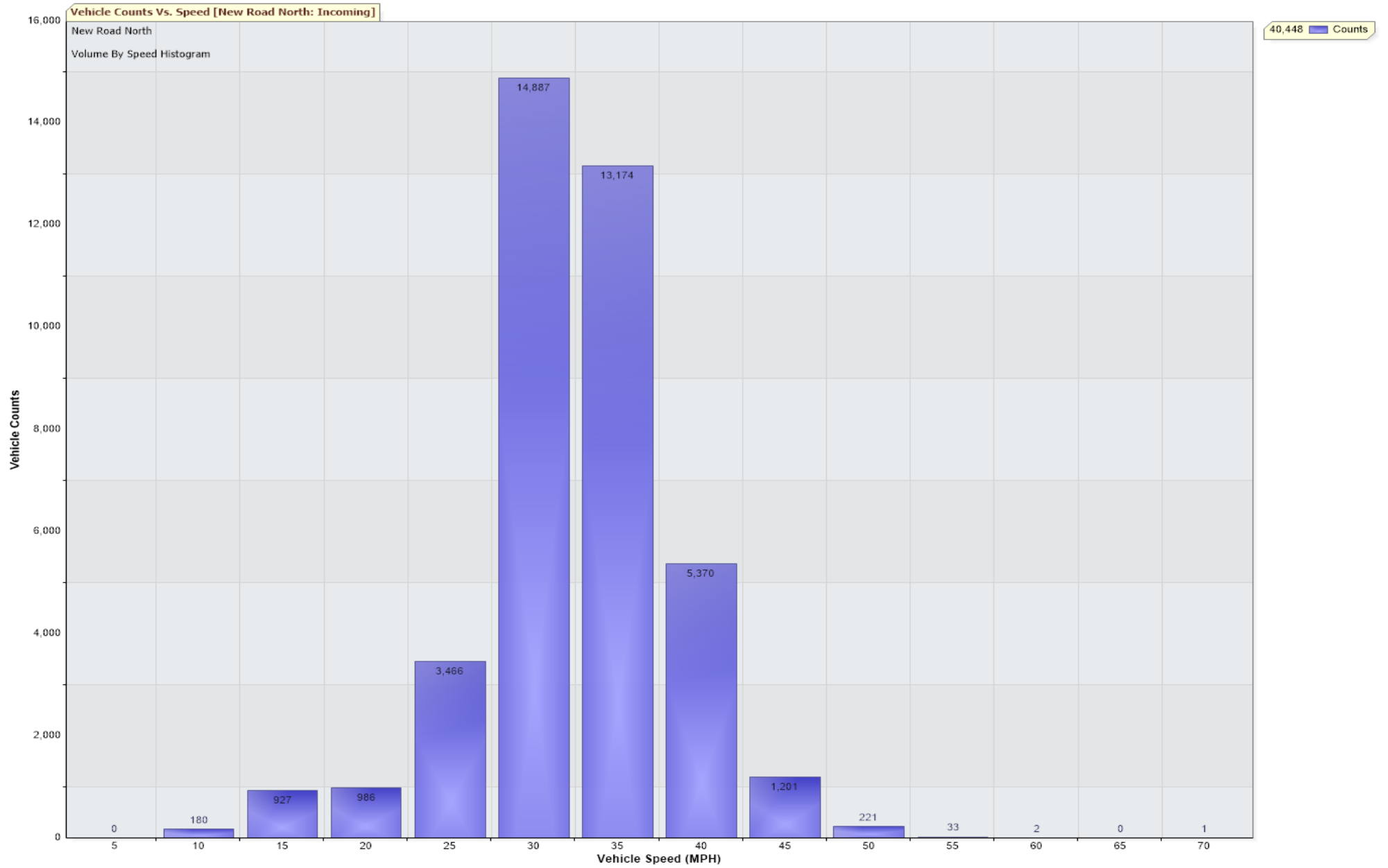


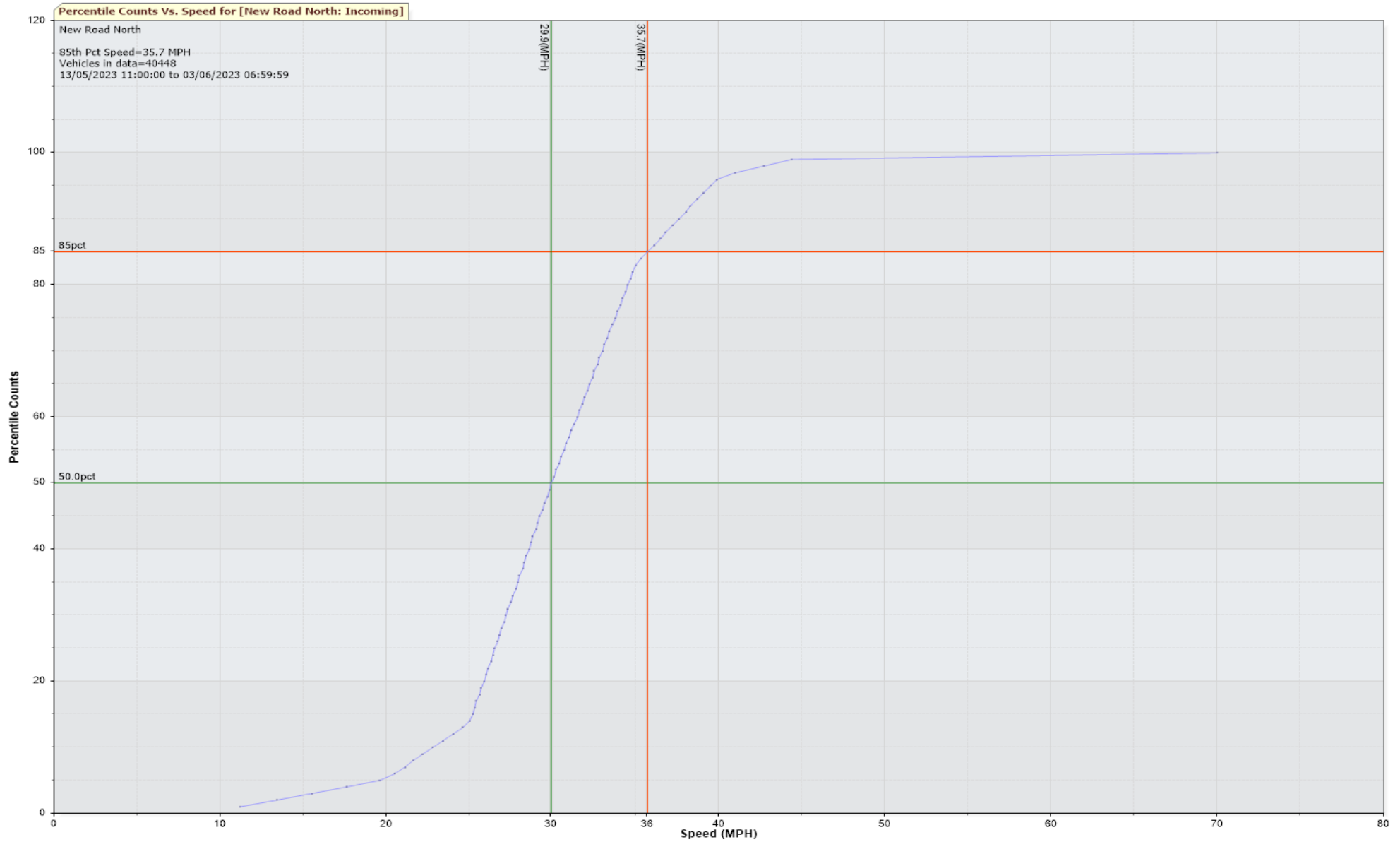
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.