

# TRAFFIC ANALYSIS REPORT FOR JUNE 2023

## 1. Southam Lane

This month saw an average of 2241 cars per day. The average speed of motorized vehicles was 30.1 mph. 85% of all vehicles were travelling slower than 35.8 mph. The worst speeding event we had occurred at 12:30pm on the 23<sup>th</sup> June 2023 when a vehicle was recorded travelling at 70 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: 31/08/2023 05:24:48 PM  
Speed Intervals = 5 MPH

Traffic Report From 01/06/2023 10:00:00 AM through 29/06/2023 05:59:59 PM

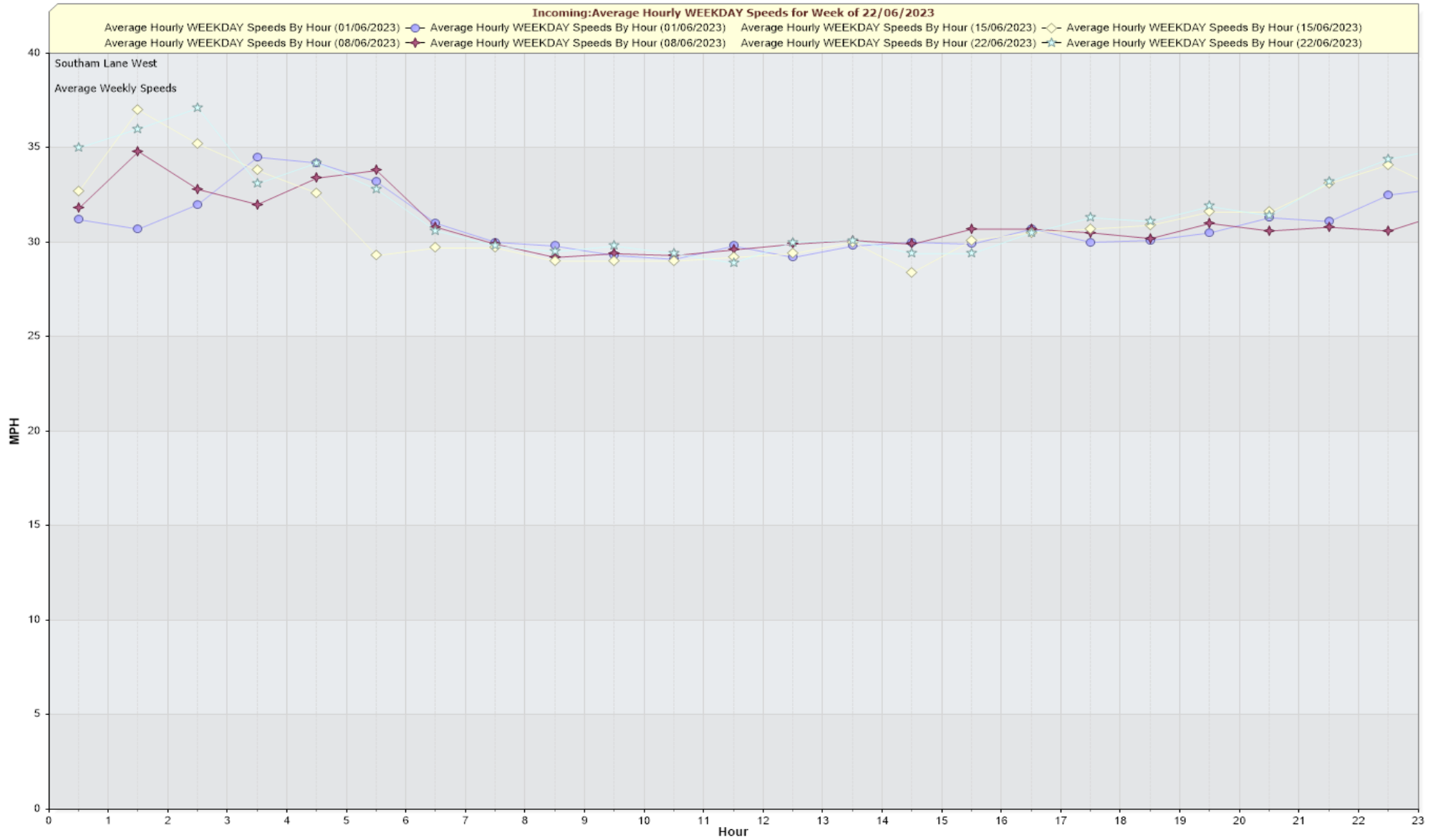
85th Percentile Speed = 35.8 MPH  
85th Percentile Vehicles = 53,970 counts  
Max Speed = 70.0 MPH on 23/06/2023 12:30:00  
Total Vehicles = 63,494 counts  
AADT: 2241.0

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,320	2,191
AM Peak	07:00 to 08:00	247	205
PM Peak	02:00 to 03:00	199	180

## Speed

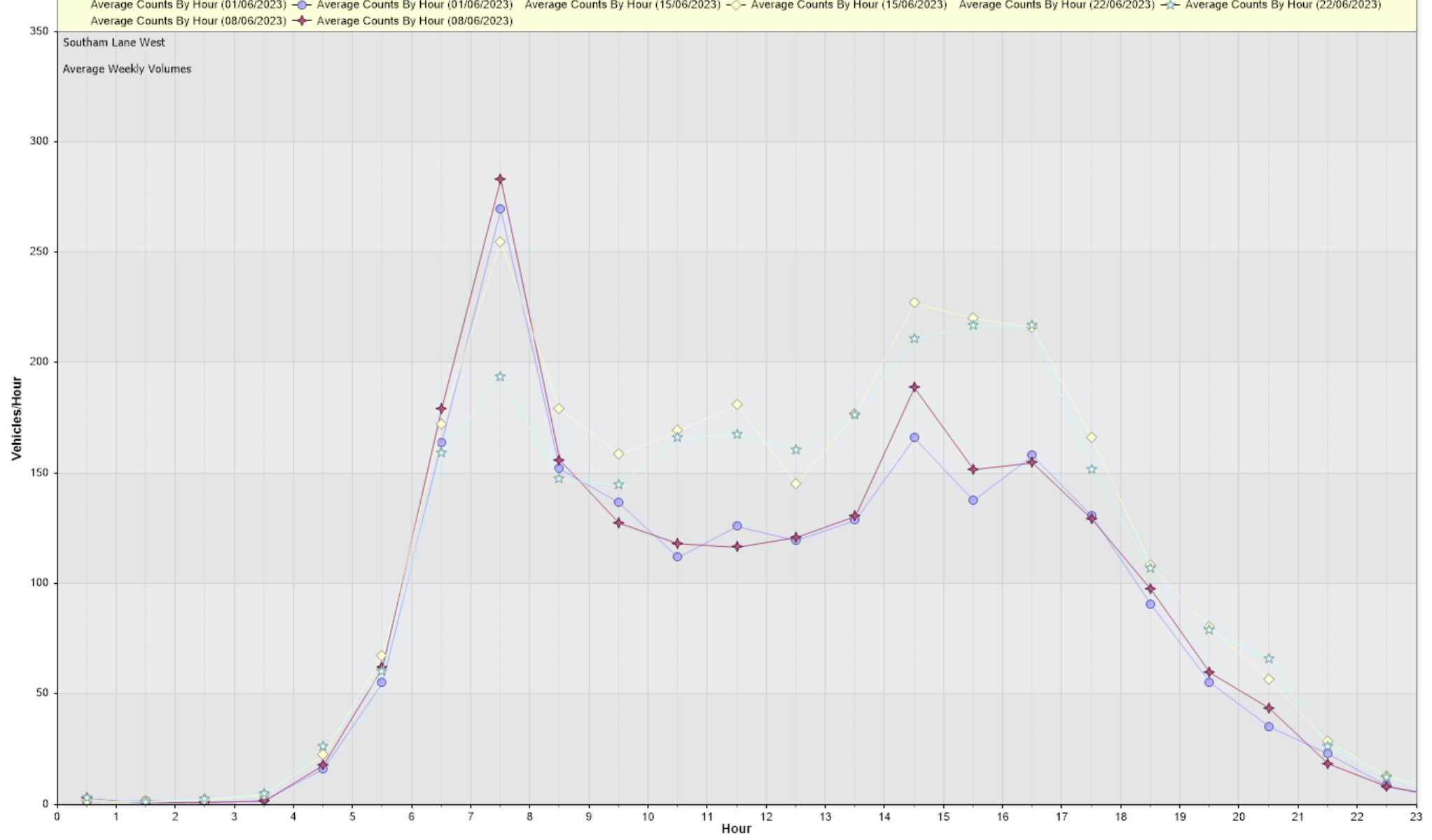
Speed Limit: 30 MPH  
85th Percentile Speed: 35.8 MPH  
50th Percentile Speed: 30.0 MPH  
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
Average Speed: 30.1 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	4551	4688	4849	5271	4752	4096	3318
% over limit	50.6	50.0	50.2	49.5	48.1	51.1	47.9
Avg Speeder	34.7	34.6	34.7	34.7	34.8	34.6	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.

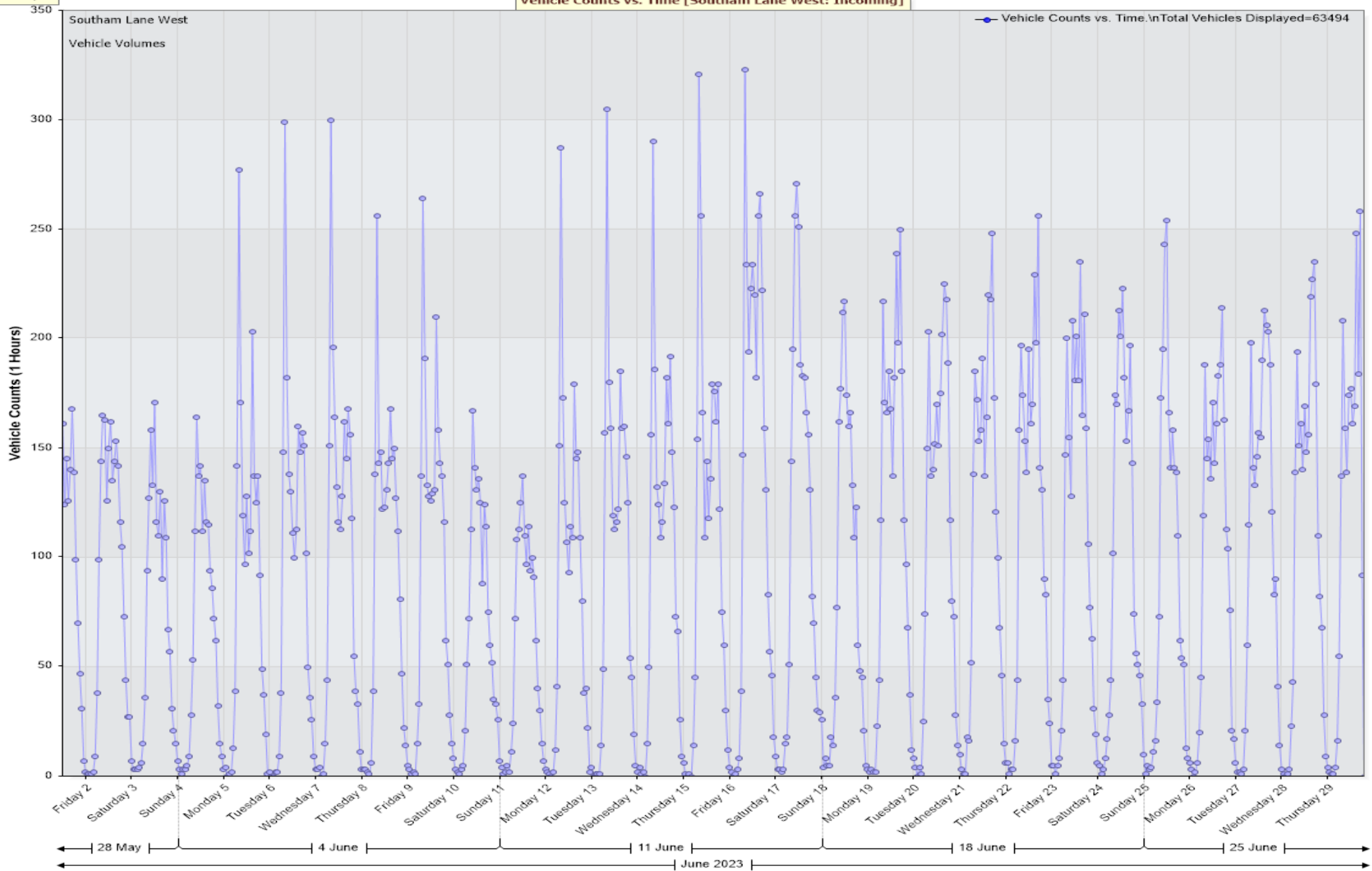
**Incoming: Average Hourly Volume for Week of 22/06/2023**

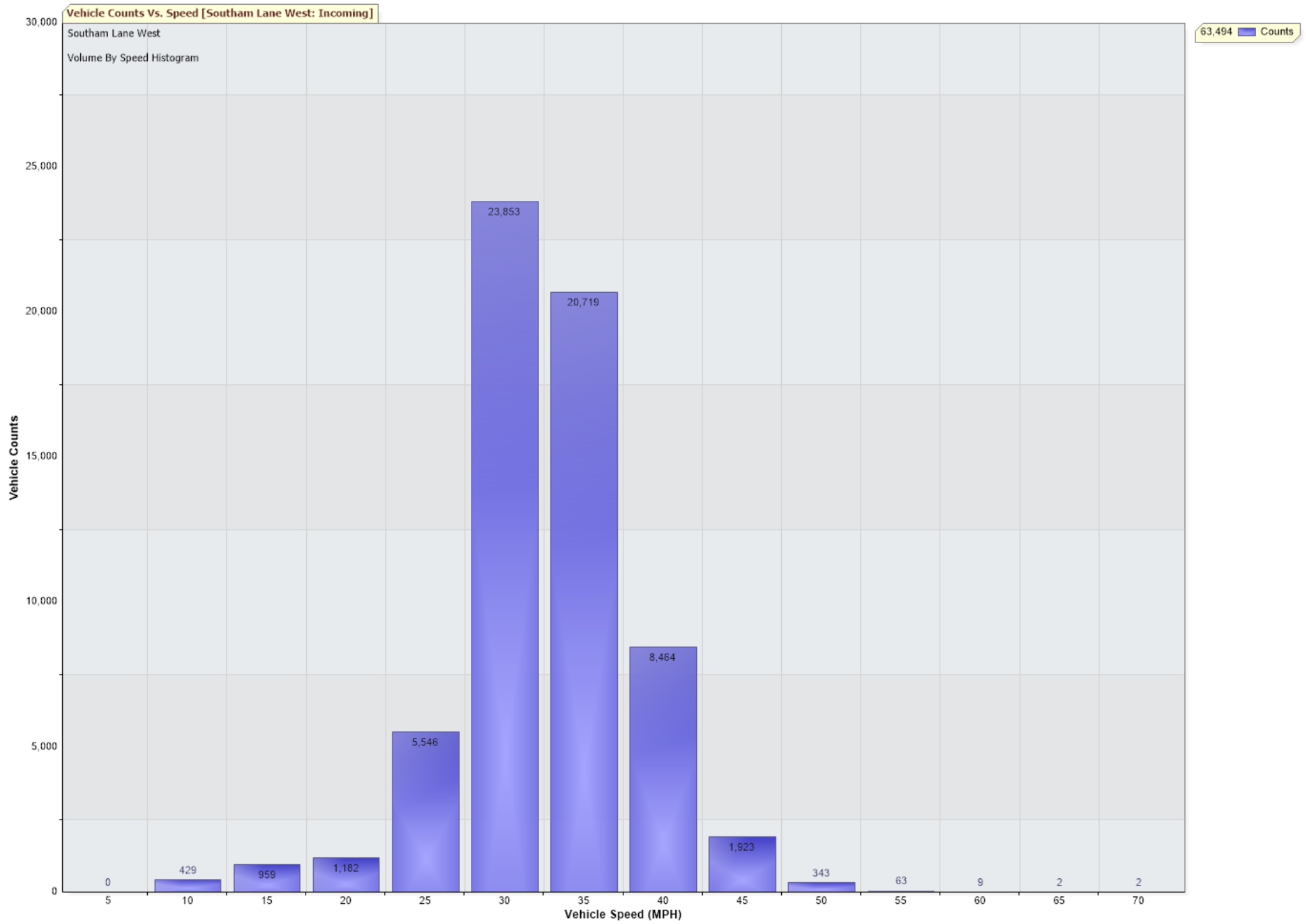


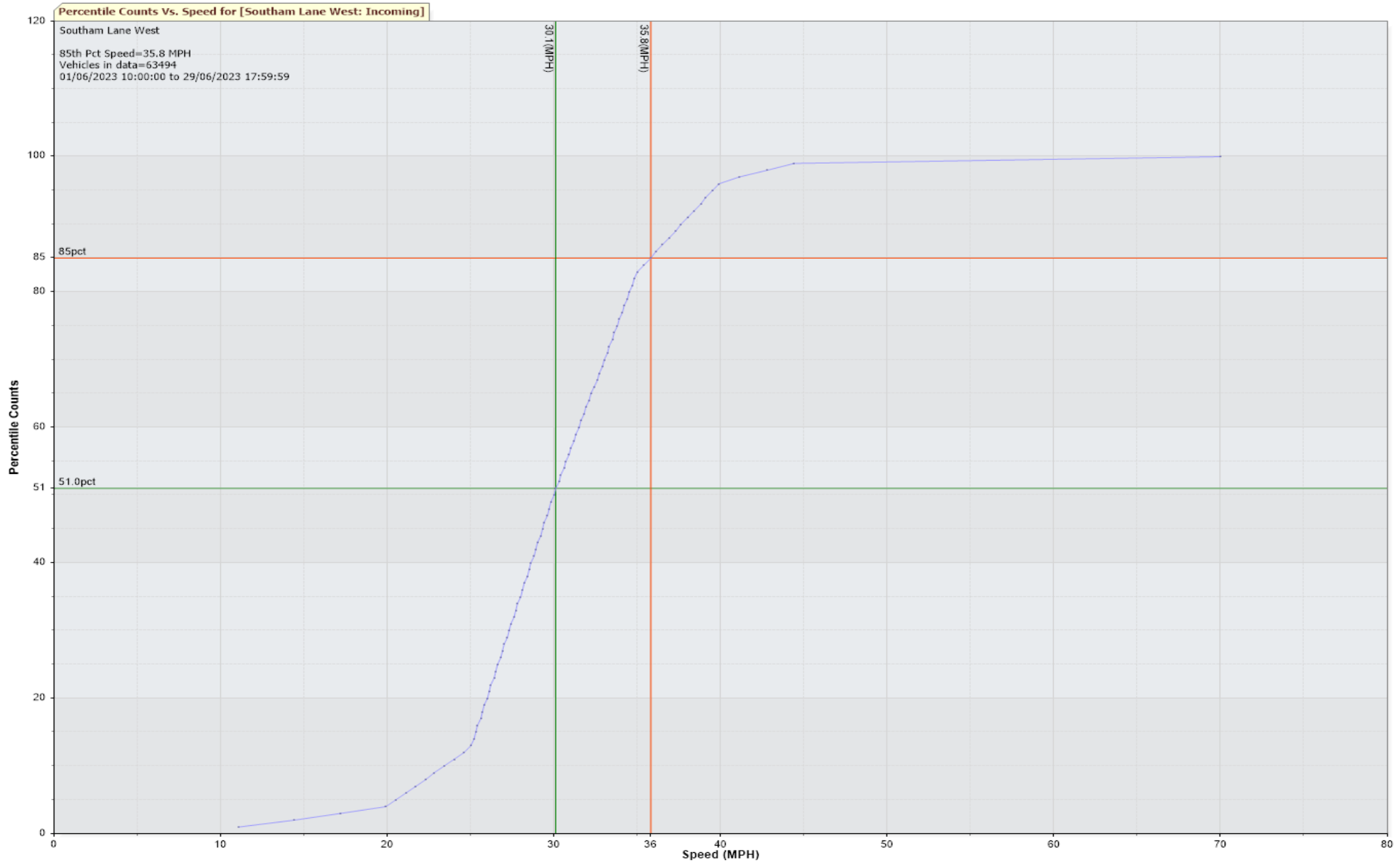
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 2032 cars per day. The average speed of motorized vehicles was 30.0 mph. 85% of all vehicles were travelling slower than 35.6 mph. The worst speeding event we had occurred at 05:15am on the 7<sup>th</sup> June 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  
 Location/Name: Incoming  
 Report Generated: 02/09/2023 05:49:20 AM  
 Speed Intervals = 5 MPH

Traffic Report From 01/06/2023 10:00:00 AM through 22/06/2023 05:59:59 PM

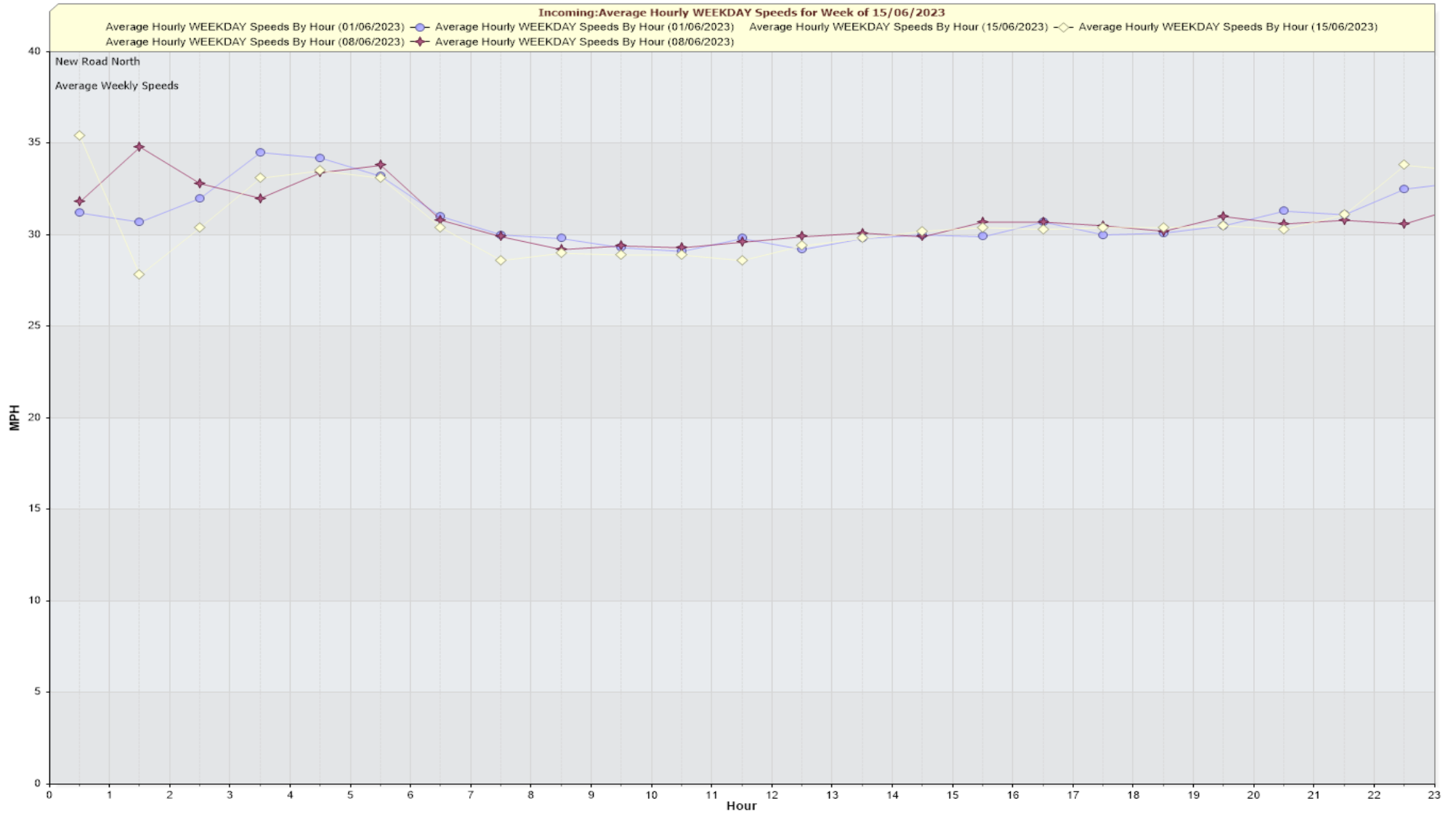
85th Percentile Speed = 35.6 MPH  
 85th Percentile Vehicles = 36,844 counts  
 Max Speed = 60.0 MPH on 07/06/2023 05:15:00  
 Total Vehicles =43,346 counts  
 AADT: 2031.8

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,128	1,971
AM Peak	07:00 to 08:00	280	224
PM Peak	02:00 to 03:00	185	162

### Speed

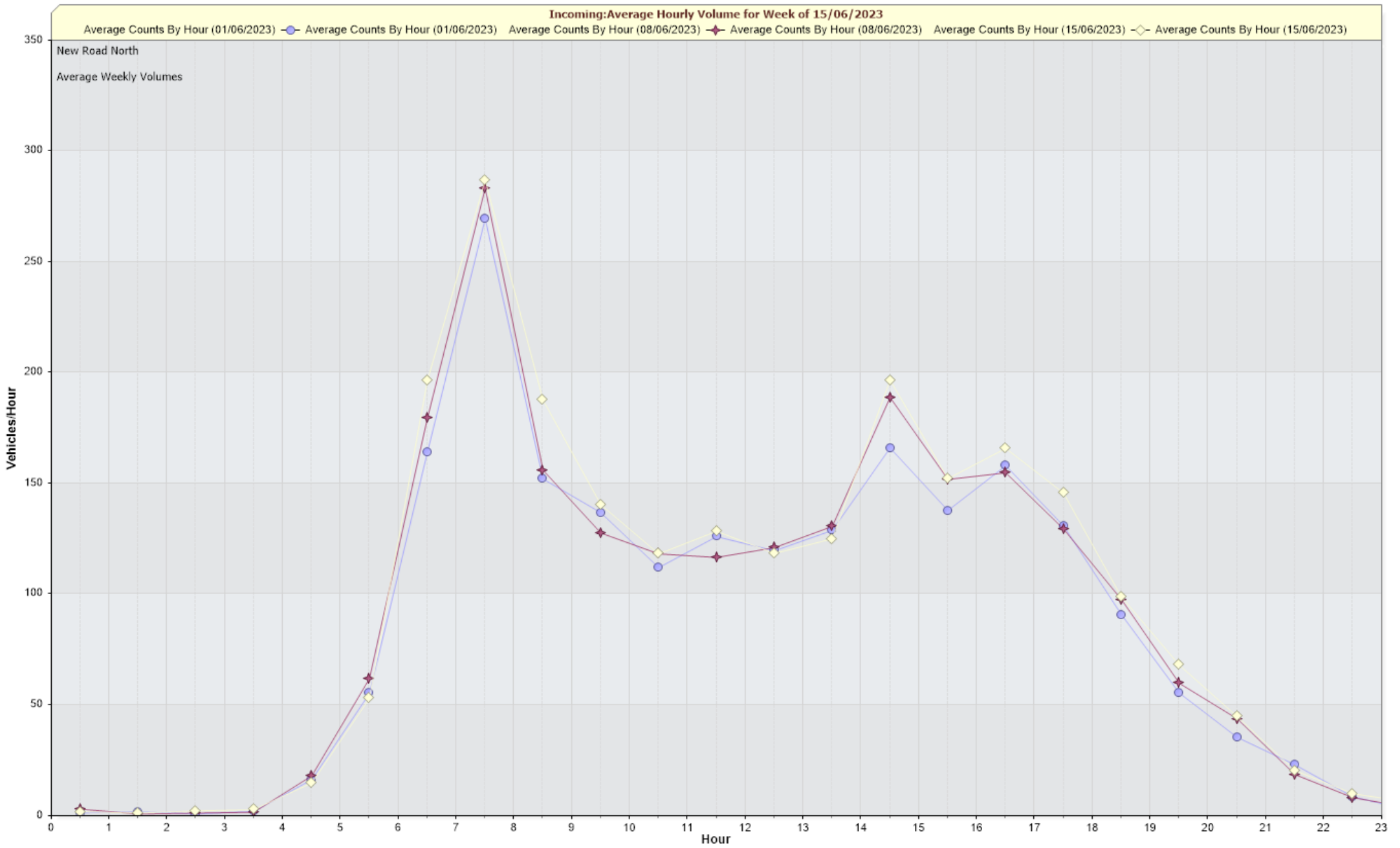
Speed Limit: 30 MPH  
 85th Percentile Speed: 35.6 MPH  
 50th Percentile Speed: 30.0 MPH  
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
 Average Speed: 30.0 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3120	3172	3410	3895	3311	2511	2154
% over limit	50.9	49.4	49.6	50.3	49.5	49.5	48.9
Avg Speeder	34.5	34.5	34.6	34.6	34.7	34.6	34.5



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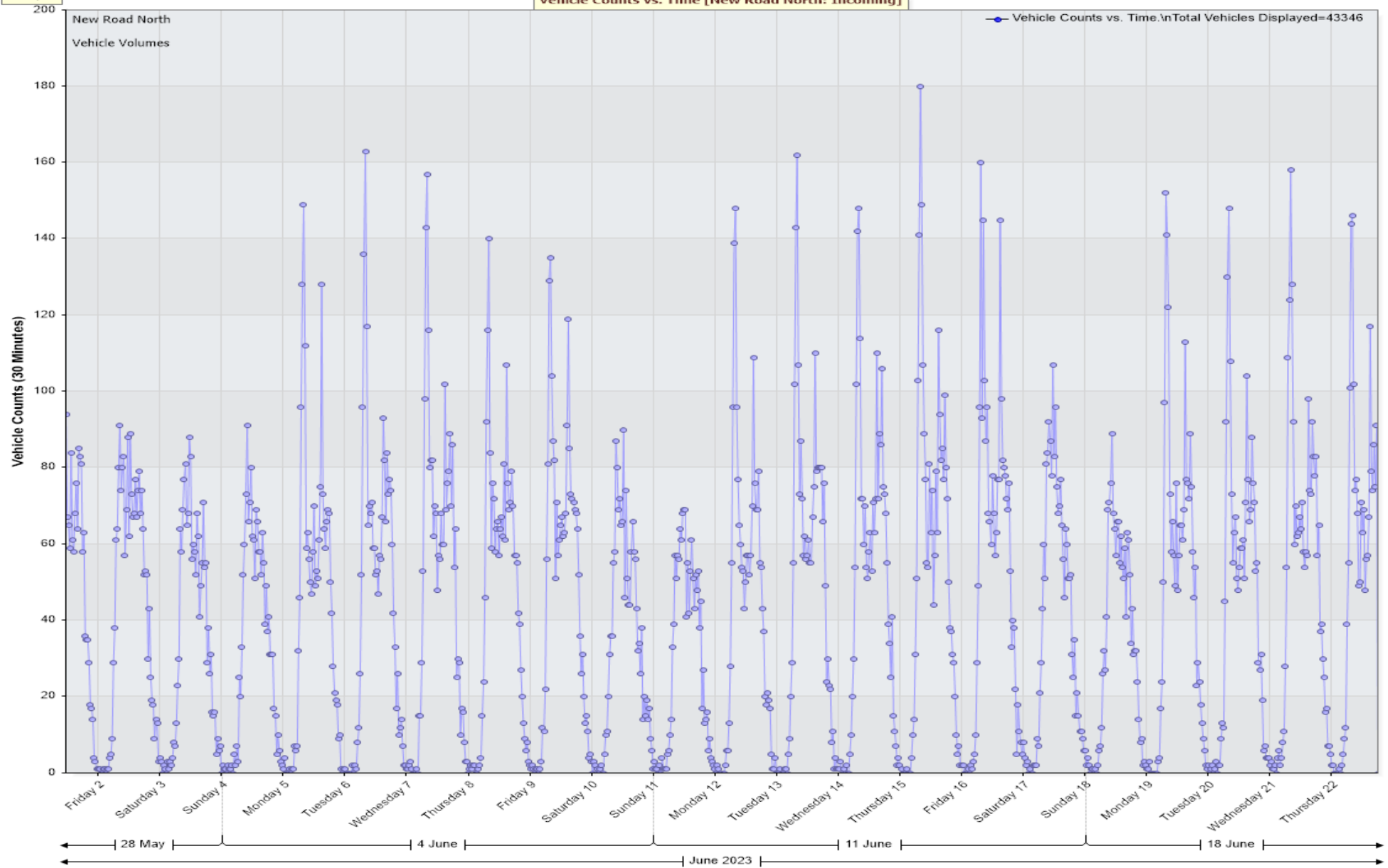


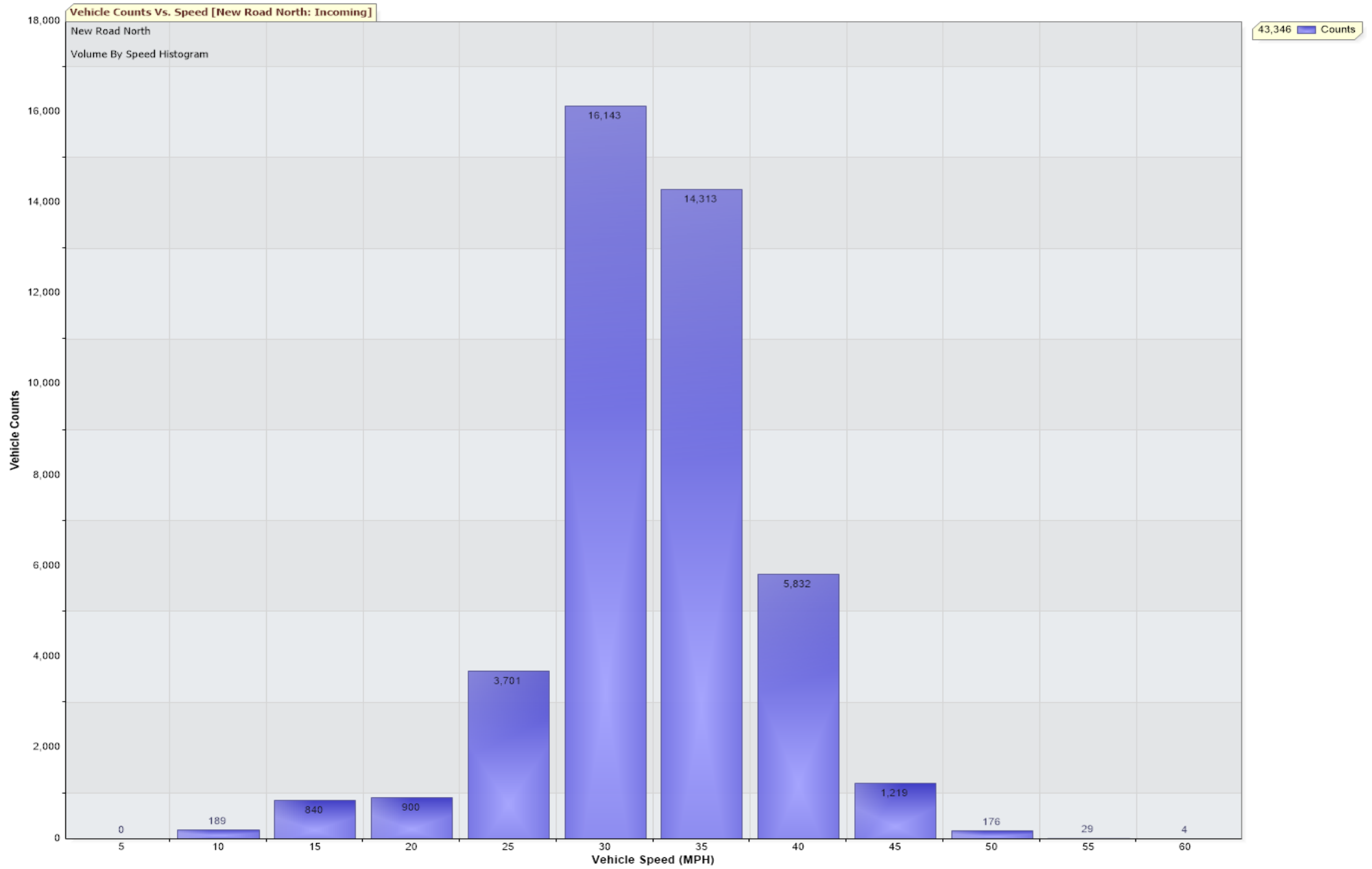


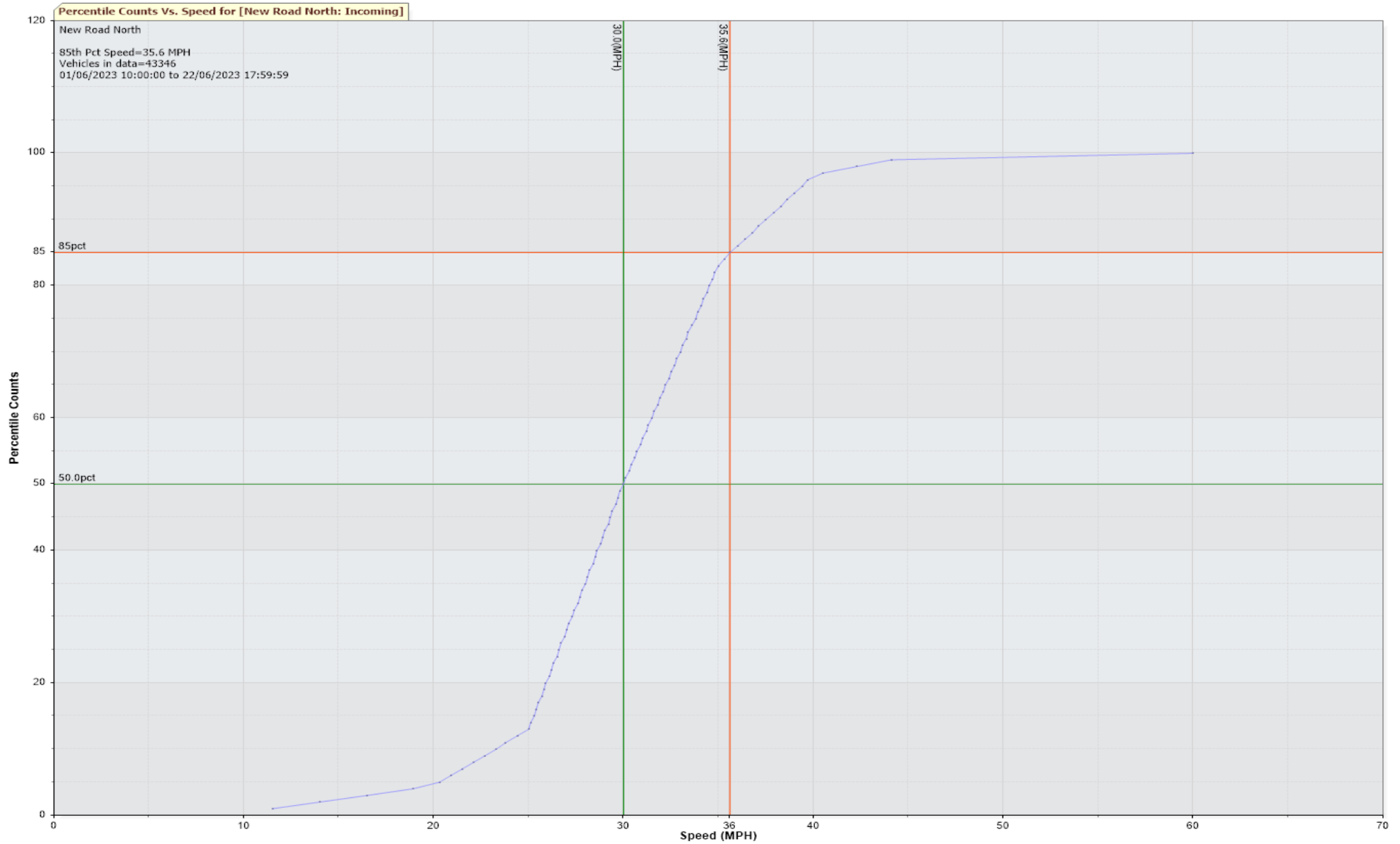
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.