

# TRAFFIC ANALYSIS REPORT FOR APRIL 2024

## 1. Southam Lane

This month saw an average of 2505 cars per day. The average speed of motorized vehicles was 30.2 mph. 85% of all vehicles were travelling slower than 35.8 mph. The worst speeding event we had occurred at 11:30 pm on the 8<sup>th</sup> April 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 a 3.0% rain correction in this data.

For Project: Southam Lane West  
Report Generated: 02/06/2024 03:36:41 PM  
Speed Intervals = 5 MPH

Traffic Report From 01/04/2024 04:00:00 PM through 29/04/2024 05:59:59 PM

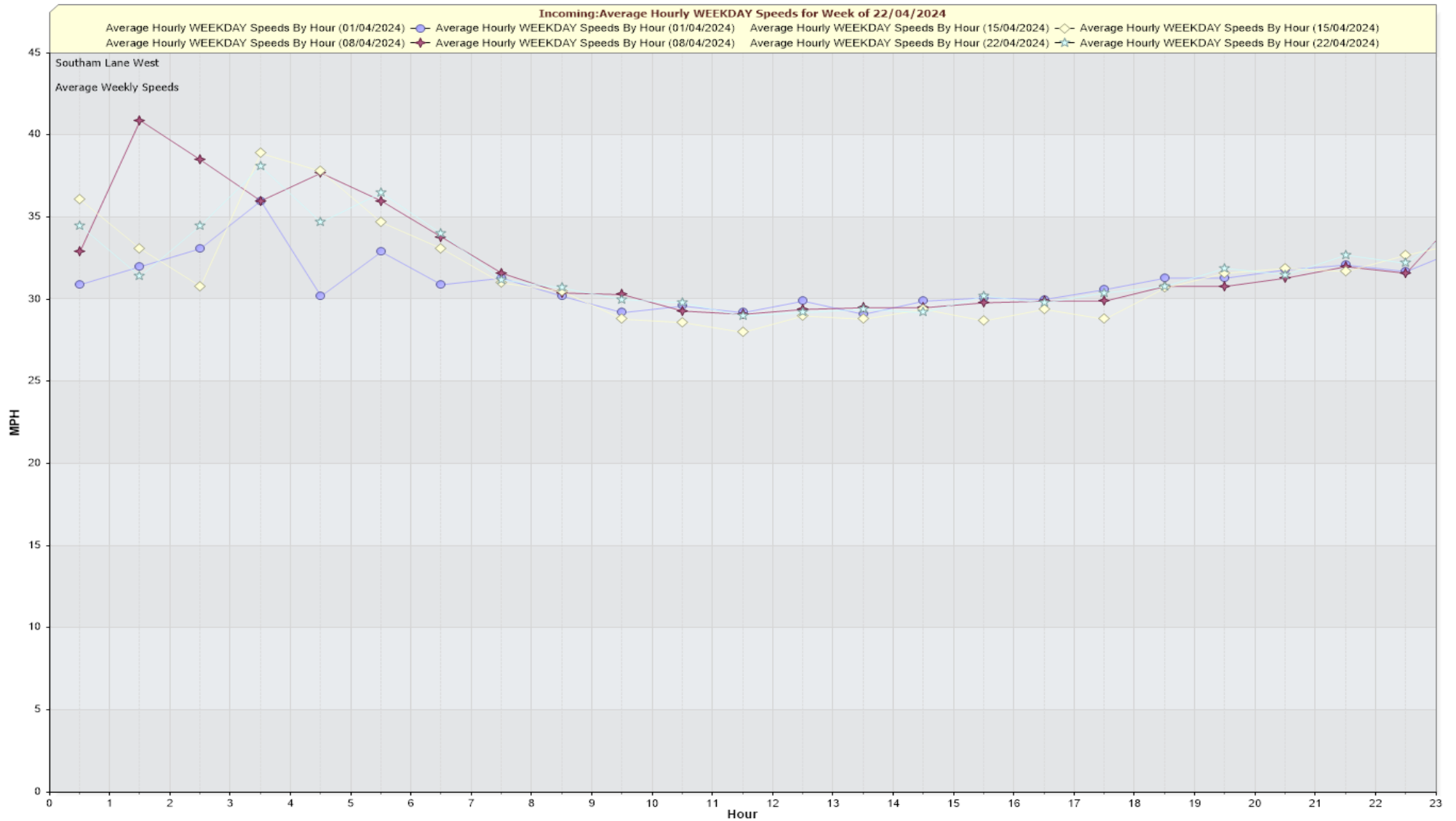
85th Percentile Speed = 35.8 MPH  
85th Percentile Vehicles = 59,790 counts  
Max Speed = 65.0 MPH on 08/04/2024 23:30:00  
Total Vehicles =70,341 counts  
AADT: 2504.7

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,534	2,440
AM Peak	08:00 to 09:00	200	193
PM Peak	05:00 to 06:00	231	212

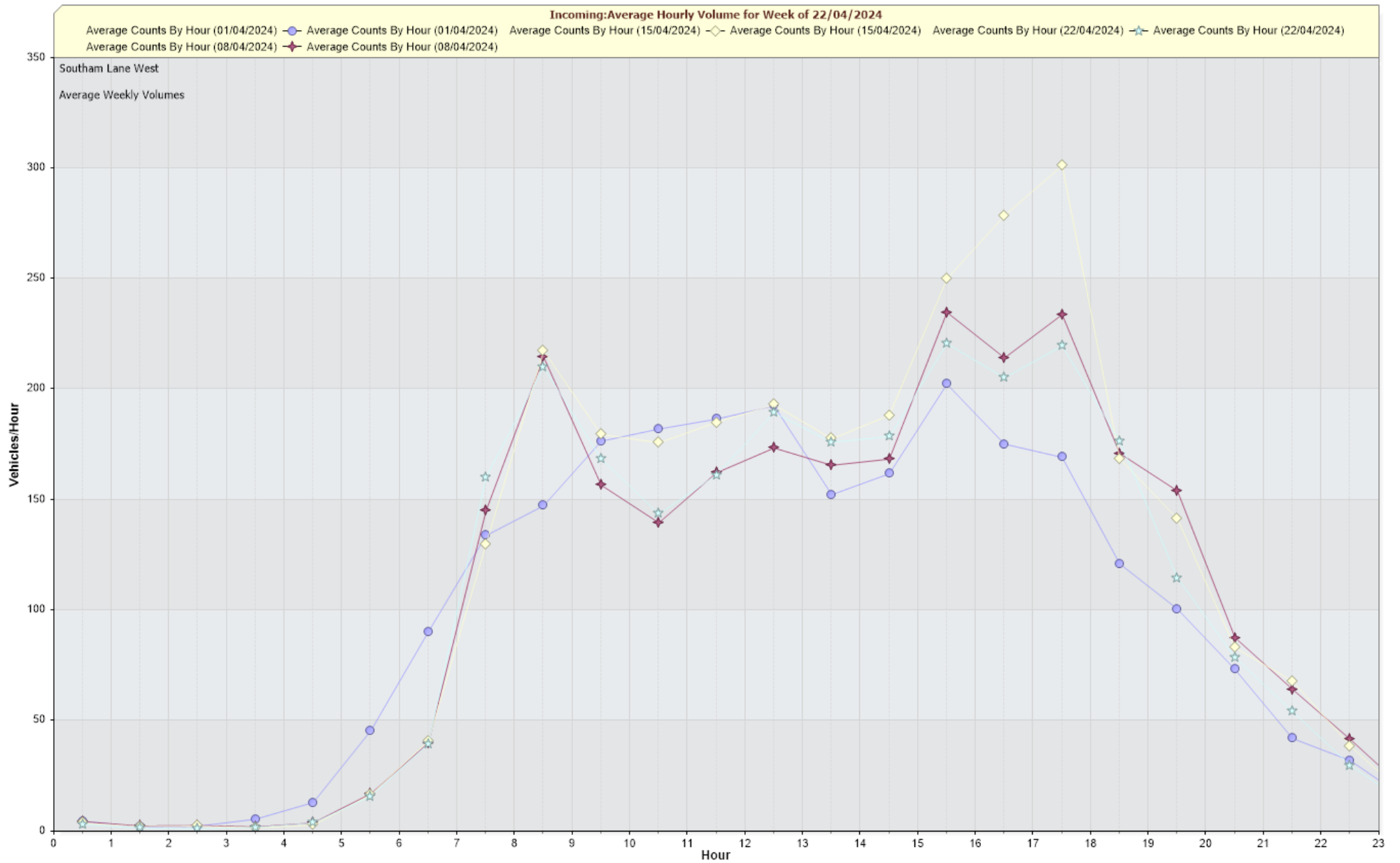
### Speed

Speed Limit: 30 MPH  
85th Percentile Speed: 35.8 MPH  
50th Percentile Speed: 29.8 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	4817	5111	5069	5091	5148	4582	4072
% over limit	47.9	47.8	48.3	46.8	48.5	50.7	47.4
Avg Speeder	34.8	34.8	34.7	34.8	34.9	34.9	34.7



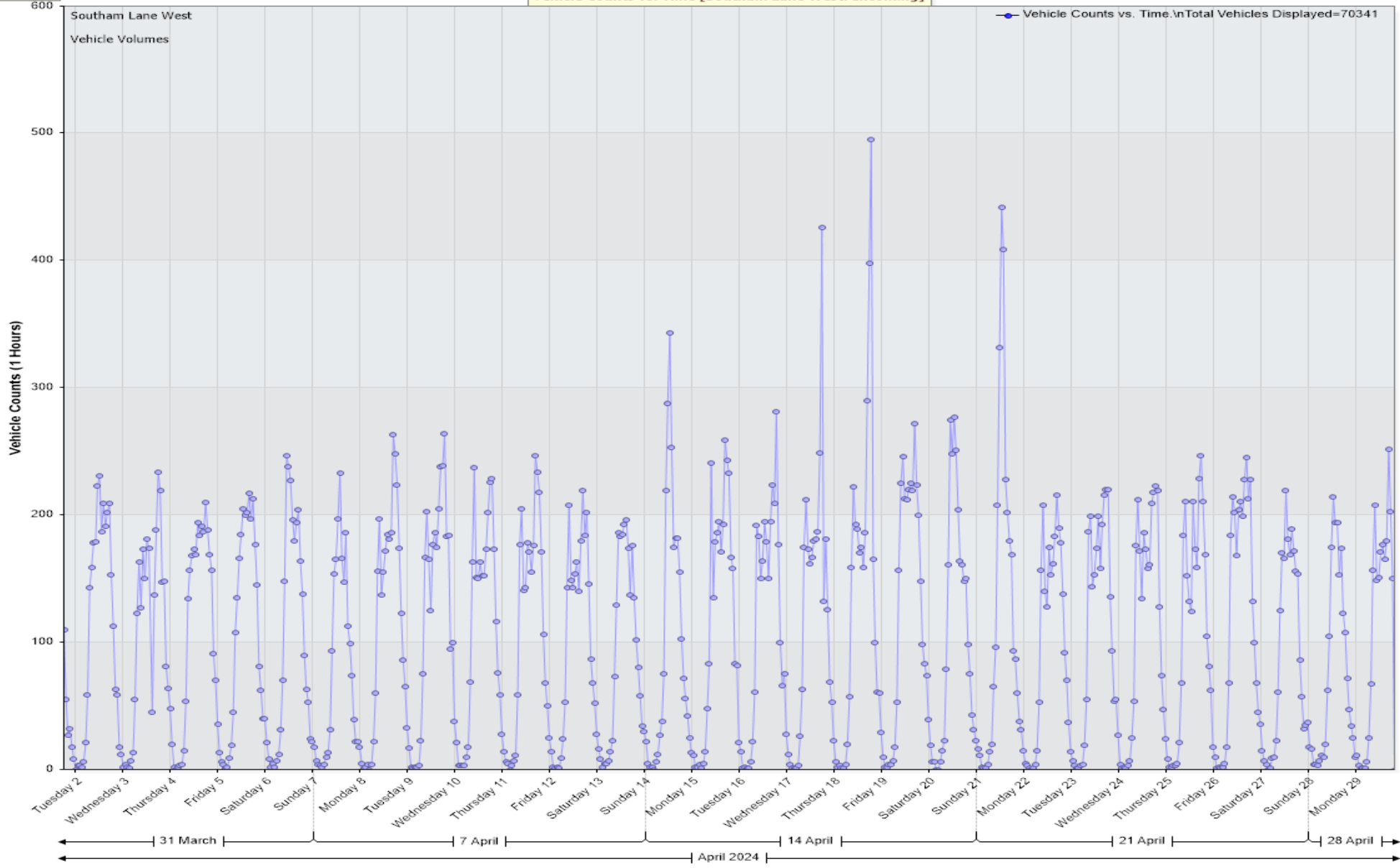
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

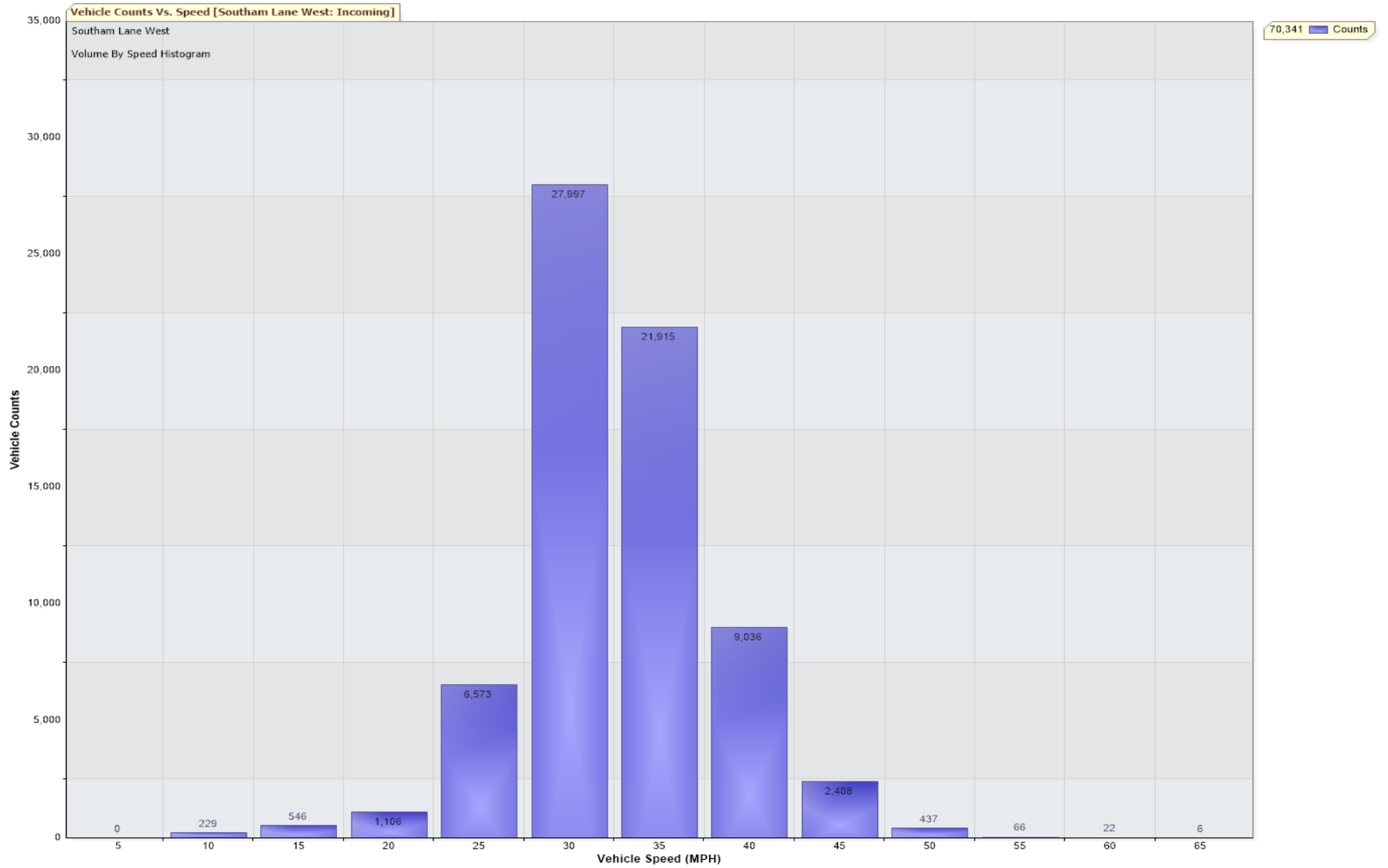


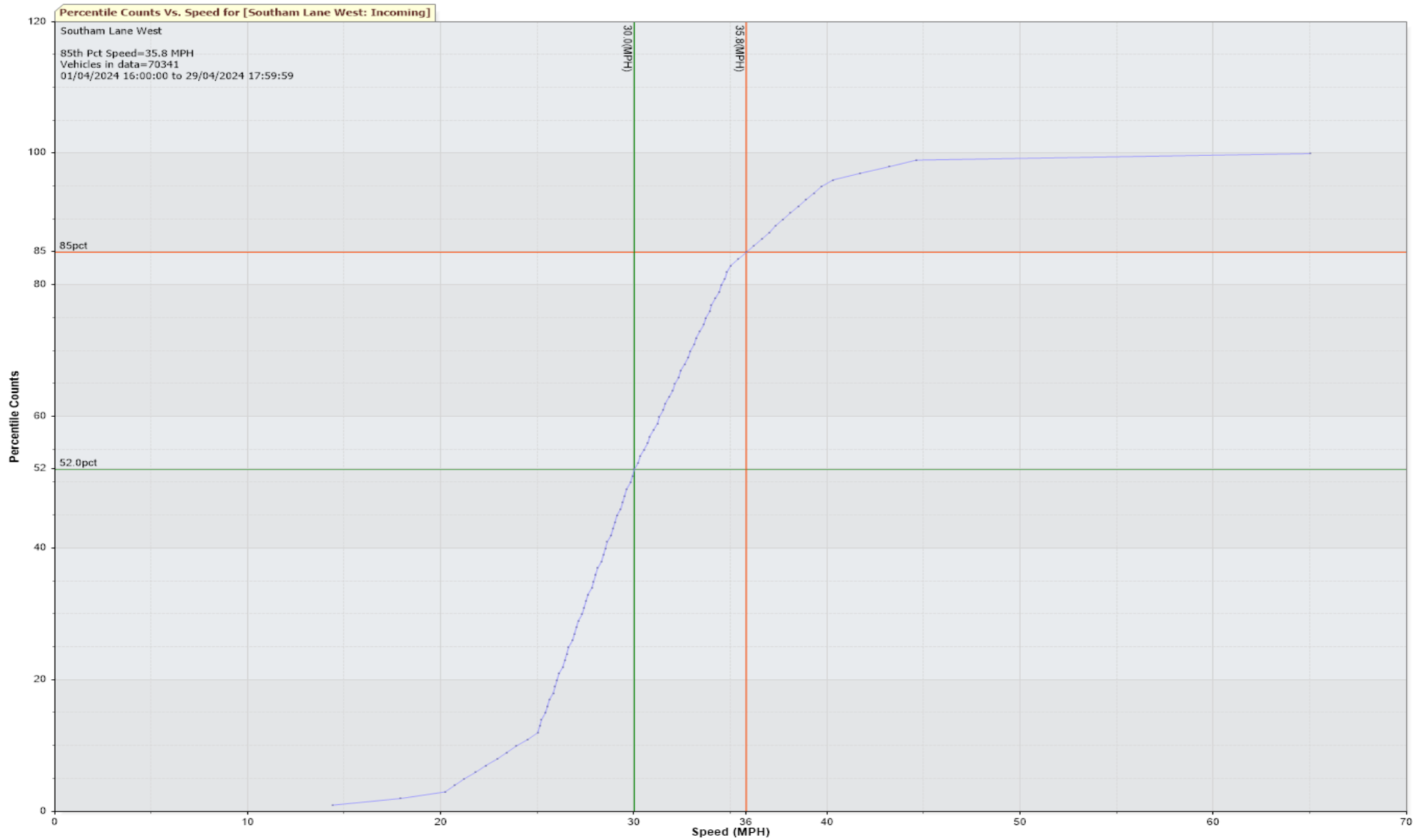
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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. Southam Lane East

This month saw an average of 2537 cars per day. The average speed of motorized vehicles was 27.5 mph. 85% of all vehicles were travelling slower than 32.0 mph. The worst speeding event we had occurred at 2:45 pm on the 20<sup>th</sup> April 2024 when a vehicle was recorded travelling at 65 mph through the village. Traffic is travelling westwards towards the bus stop on Southam Lane. A rain correction of 2.4% has been applied

For Project: SouthamLaneEast2  
Projects Notes/Address: Outside Jeffs  
Report Generated: 02/06/2024 05:43:07 PM  
Speed Intervals = 5 MPH

Traffic Report From 01/04/2024 11:00:00 AM through 29/04/2024 12:59:59 PM

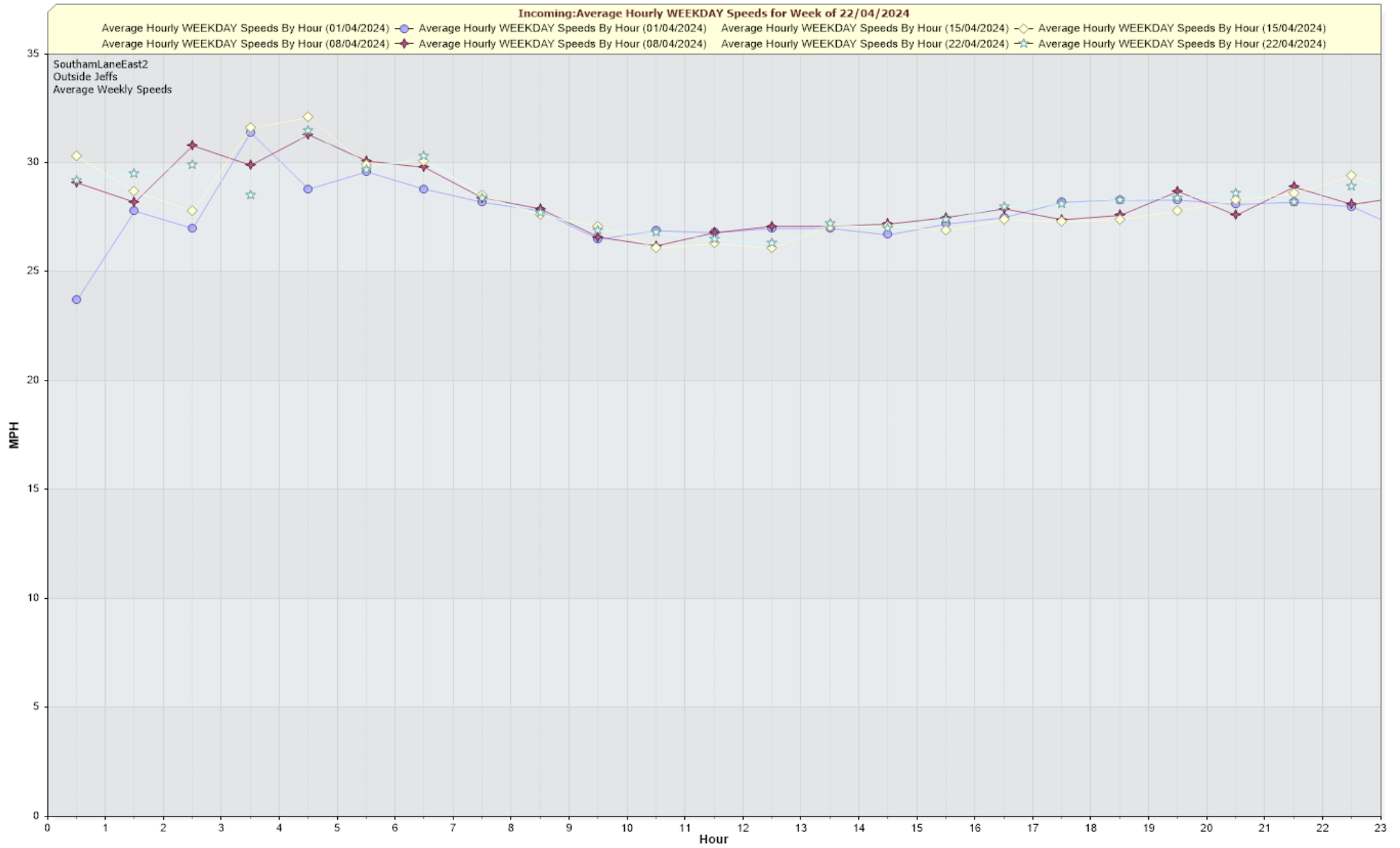
85th Percentile Speed = 32.0 MPH  
85th Percentile Vehicles = 60,554 counts  
Max Speed = 65.0 MPH on 20/04/2024 14:25:00  
Total Vehicles =71,240 counts  
AADT: 2536.7

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,615	2,471
AM Peak	08:00 to 09:00	265	229
PM Peak	04:00 to 05:00	220	200

### Speed

Speed Limit: 30 MPH  
85th Percentile Speed: 32.0 MPH  
50th Percentile Speed: 27.5 MPH  
10 MPH Pace Interval: 20.0 MPH to 30.0 MPH  
Average Speed: 27.5 MPH

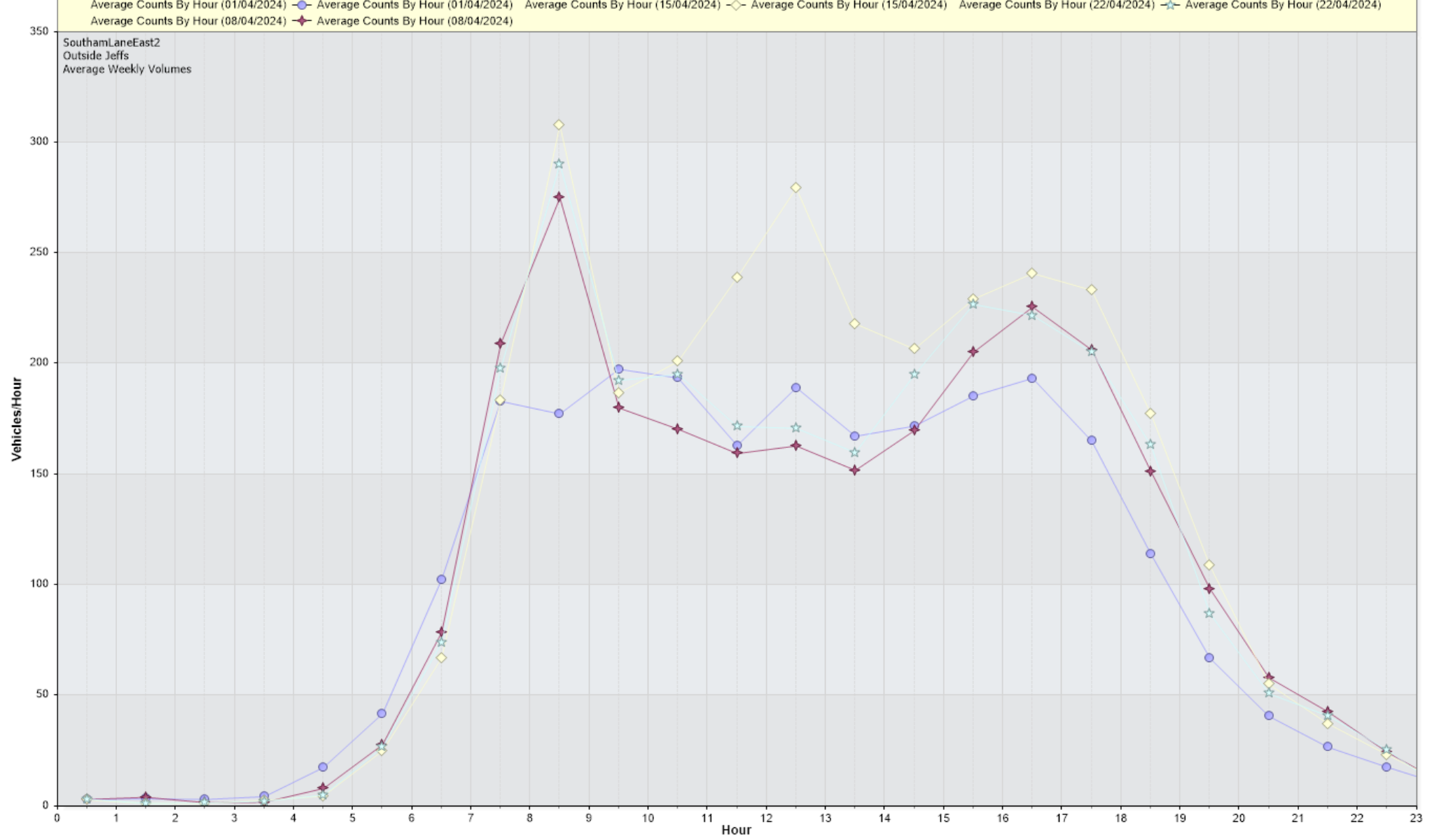
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	2410	2547	2428	2623	2394	1949	1757
% over limit	23.7	22.7	21.9	23.4	22.4	22.2	21.7
Avg Speeder	33.4	33.4	33.4	33.4	33.5	33.5	33.4



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.



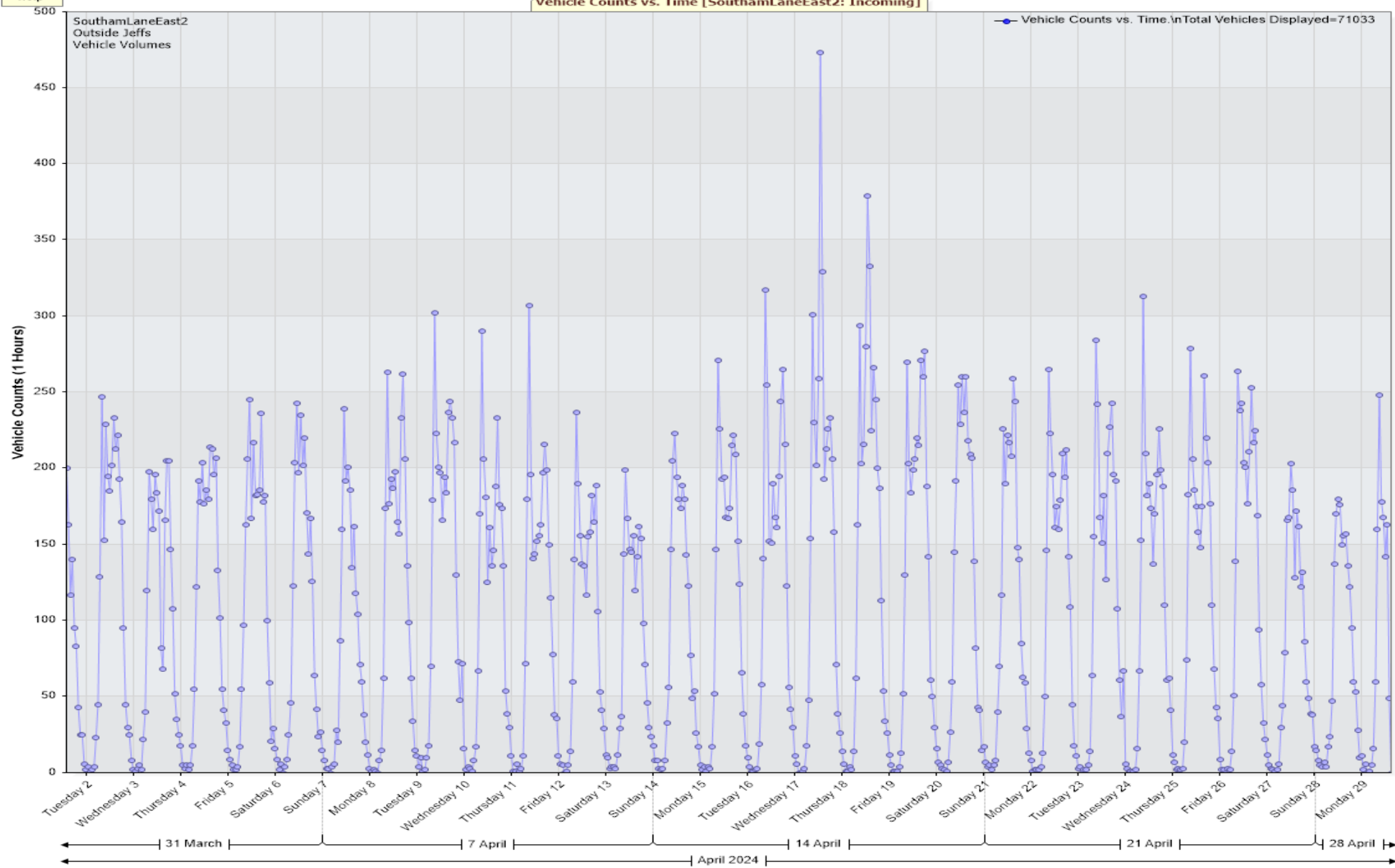
Incoming: Average Hourly Volume for Week of 22/04/2024

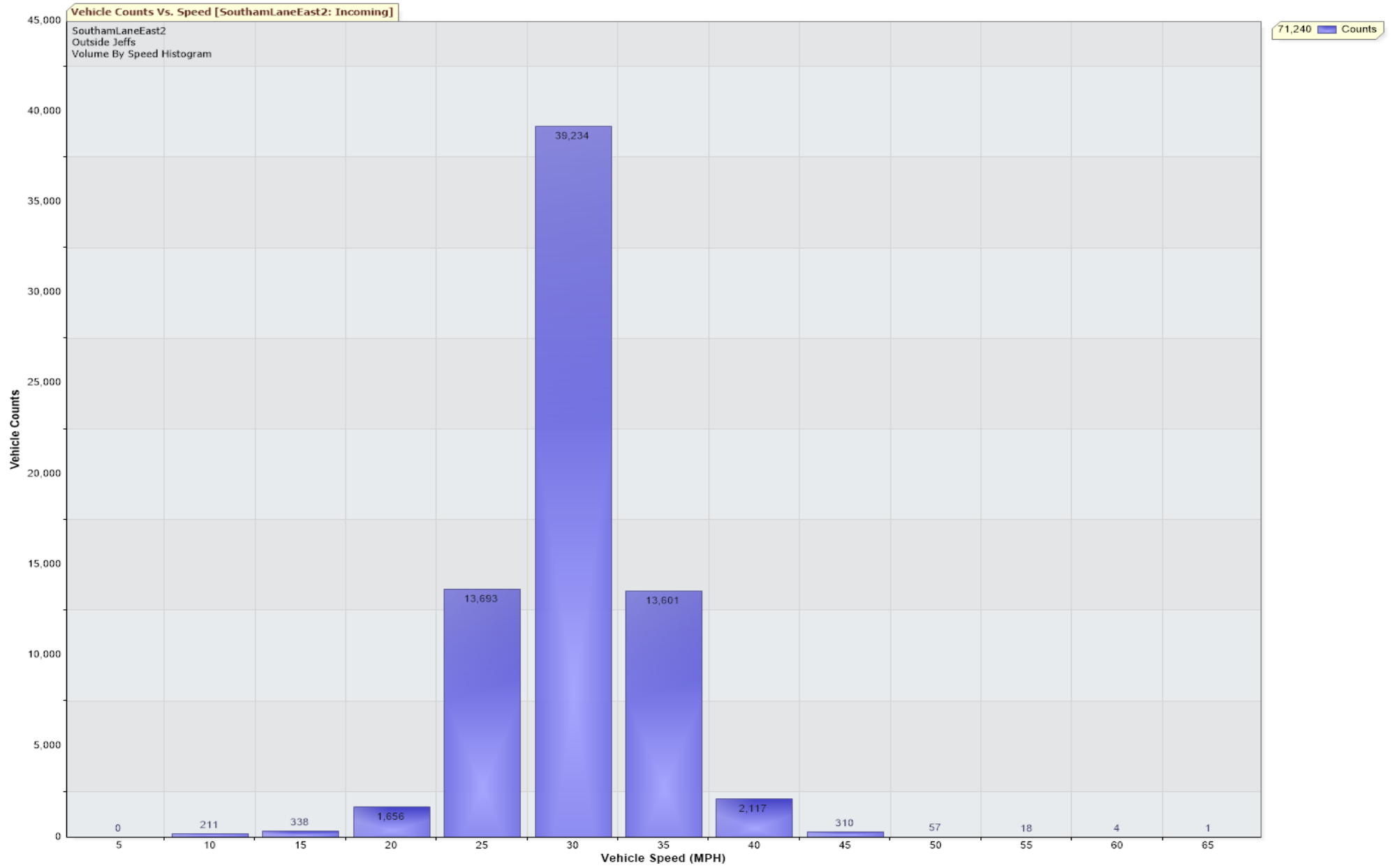


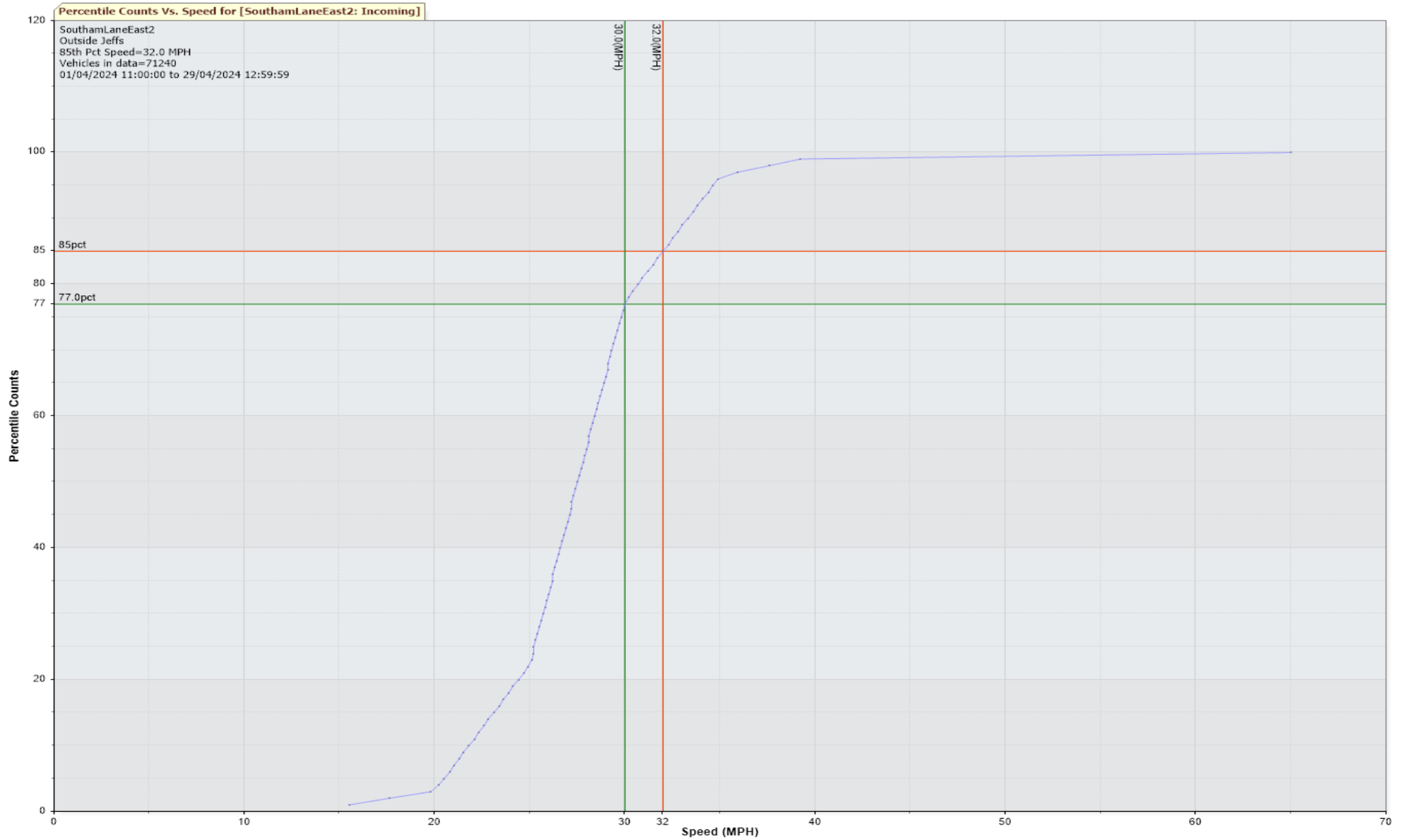
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

Zoom help

Vehicle Counts vs. Time [SouthamLaneEast2: 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.

### 3. New Road

This month saw an average of 1780 cars per day. The average speed of motorized vehicles was 29.6 mph. 85% of all vehicles were travelling slower than 34.9mph. The worst speeding event we had occurred at 6:00 am on the 6<sup>th</sup> February 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: 03/06/2024 05:35:03 AM  
 Speed Intervals = 5 MPH

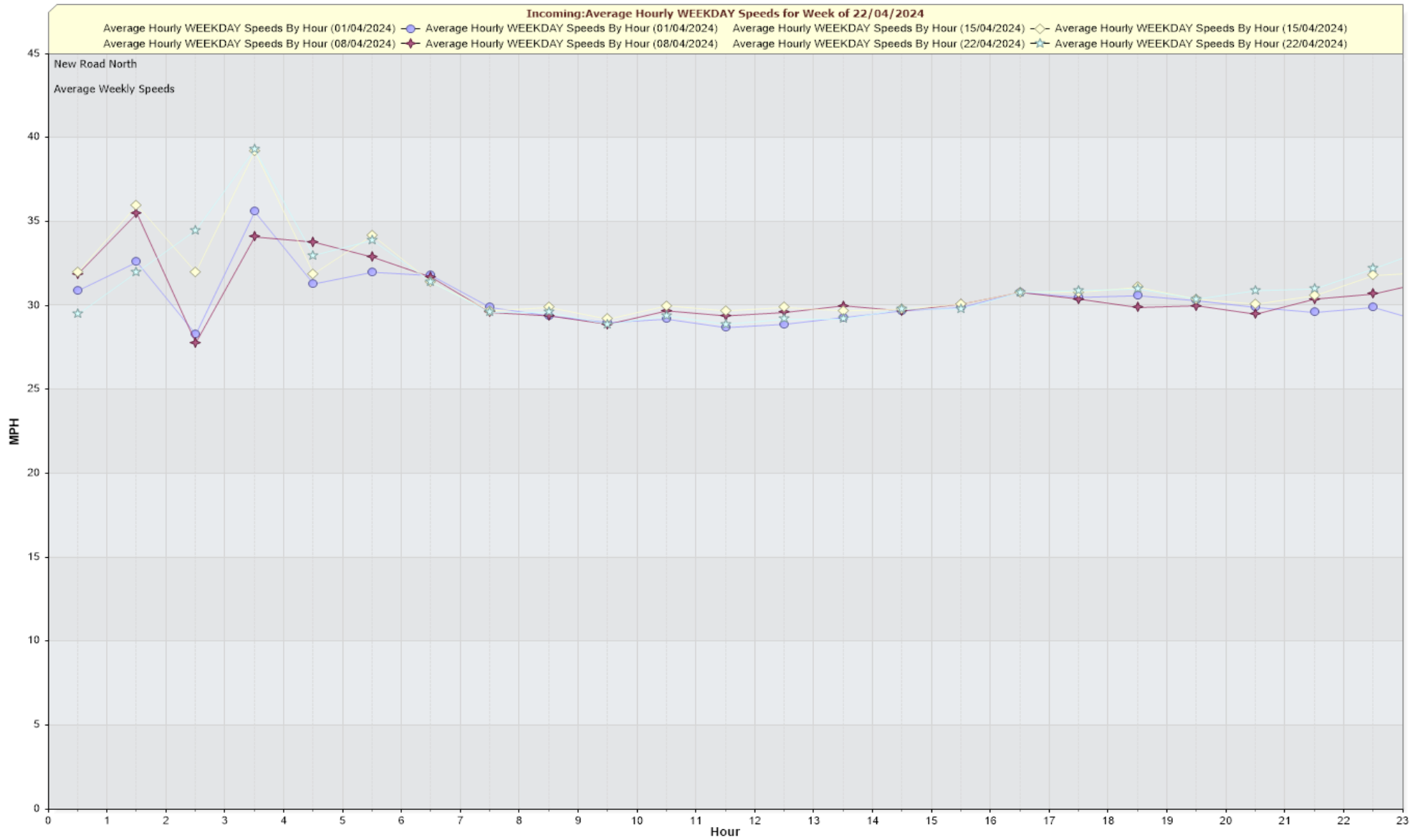
Traffic Report From 01/04/2024 04:00:00 PM through 29/04/2024 09:59:59 AM

85th Percentile Speed = 35.7 MPH  
 85th Percentile Vehicles = 47,329 counts  
 Max Speed = 65.0 MPH on 07/04/2024 21:30:00  
 Total Vehicles =55,681 counts  
 AADT: 2006.5

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,082	1,935
AM Peak	07:00 to 08:00	271	214
PM Peak	02:00 to 03:00	171	154

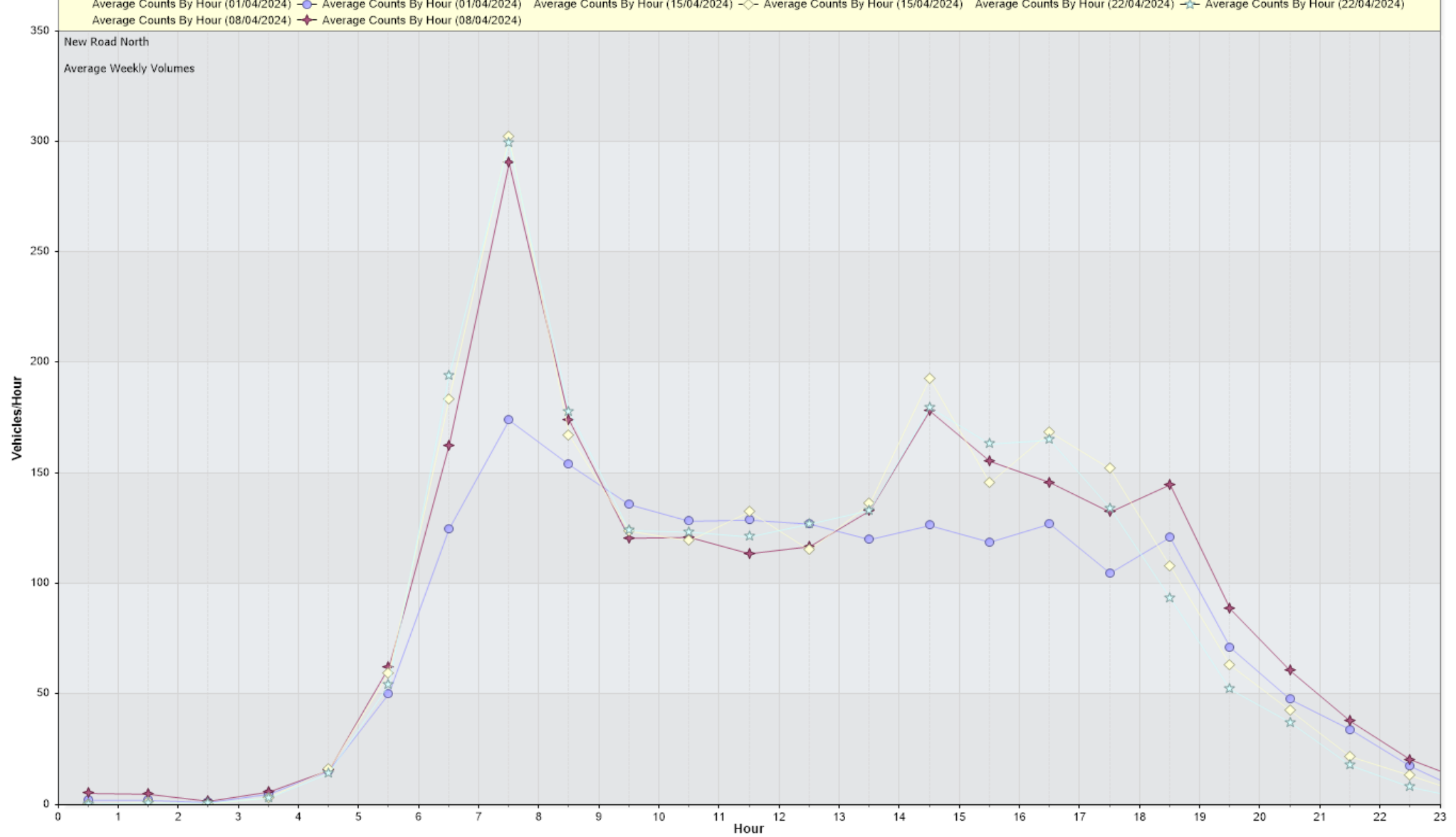
Speed  
 Speed Limit: 30 MPH  
 85th Percentile Speed: 35.7 MPH  
 50th Percentile Speed: 30.0 MPH  
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
 Average Speed: 30.2 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3748	4366	4515	4415	4388	3594	2827
% over limit	50.9	50.7	50.2	48.7	48.2	51.0	51.2
Avg Speeder	34.6	34.5	34.6	34.5	34.5	34.7	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.

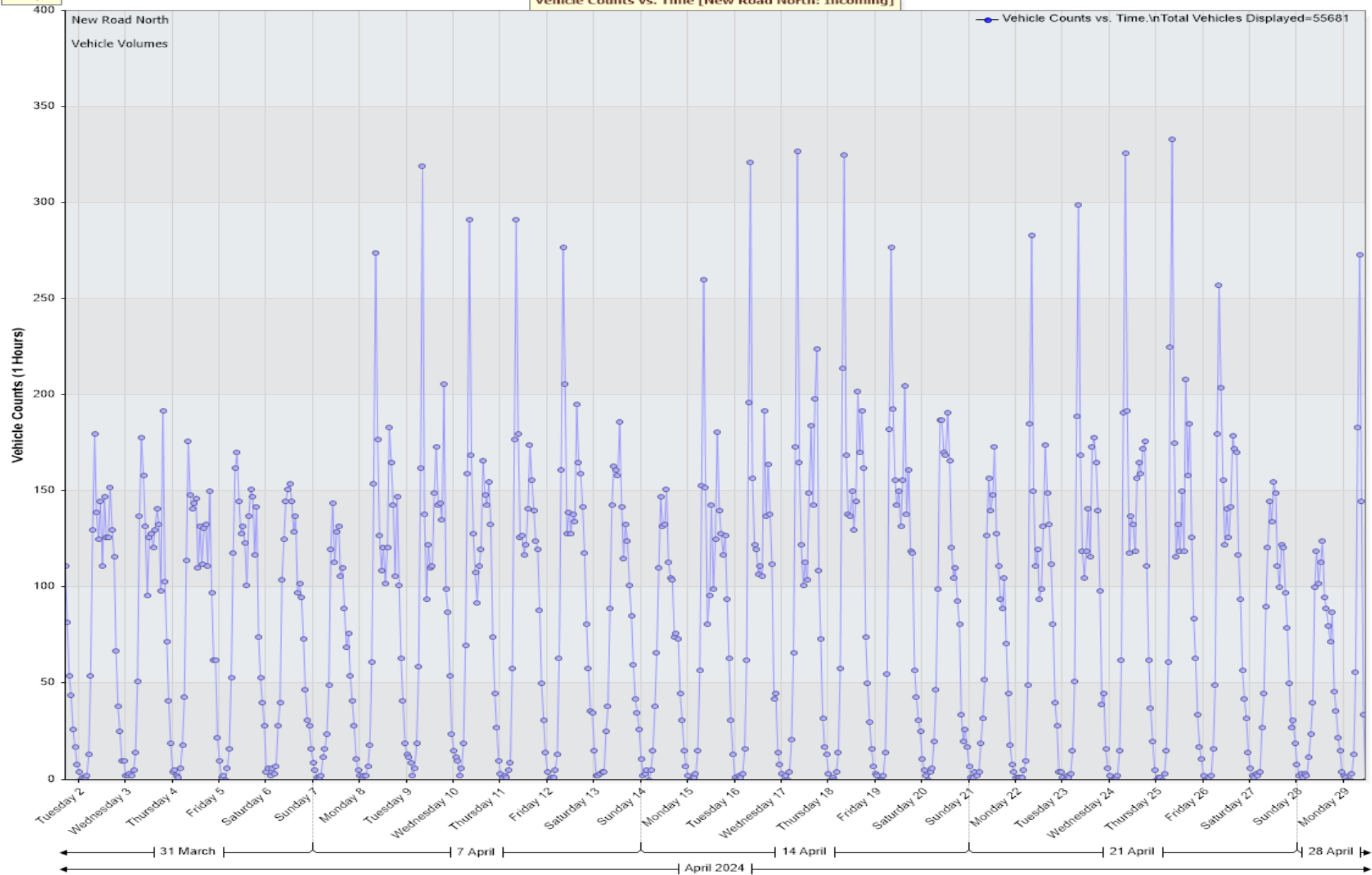
Incoming: Average Hourly Volume for Week of 22/04/2024



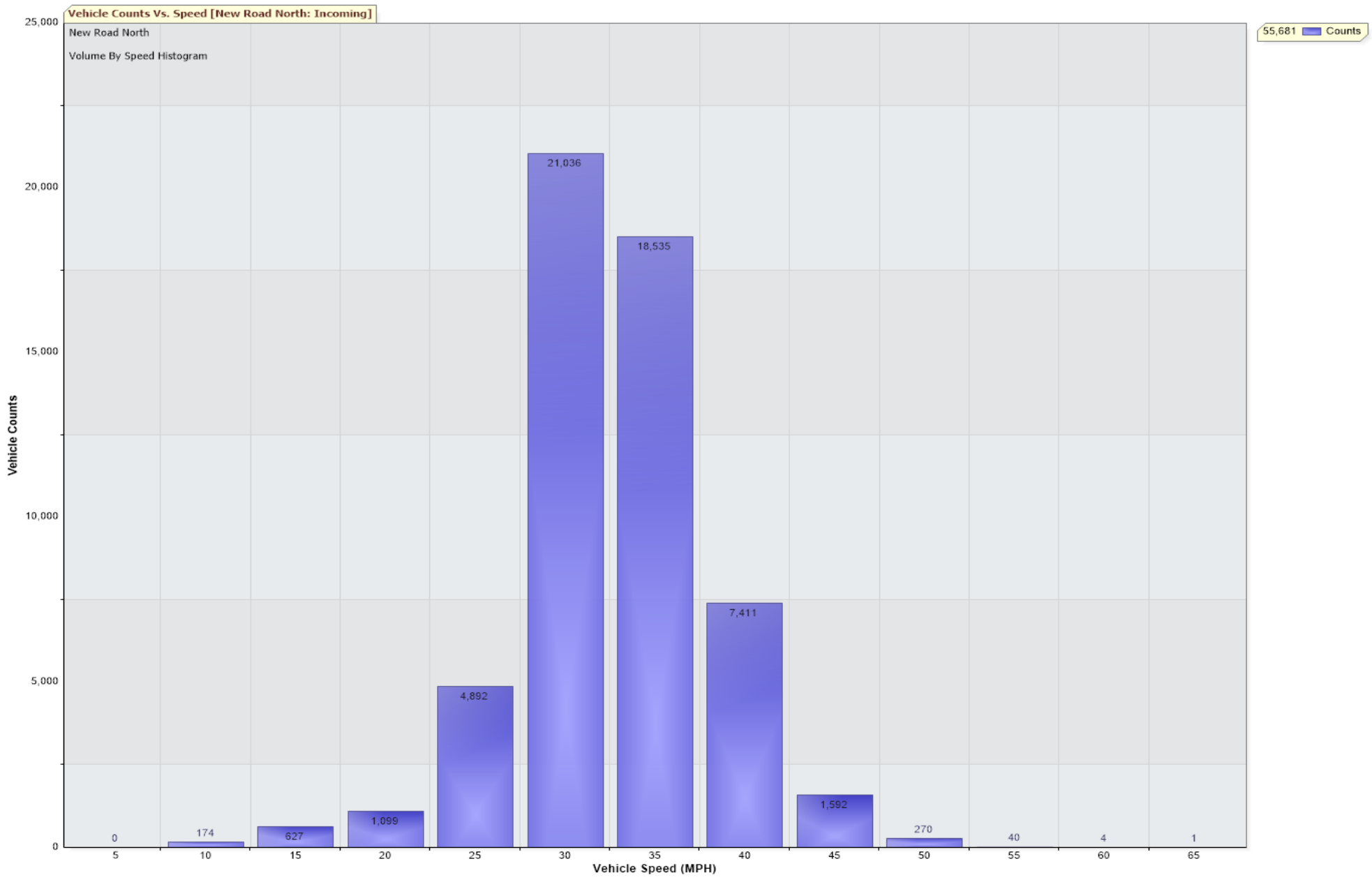
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

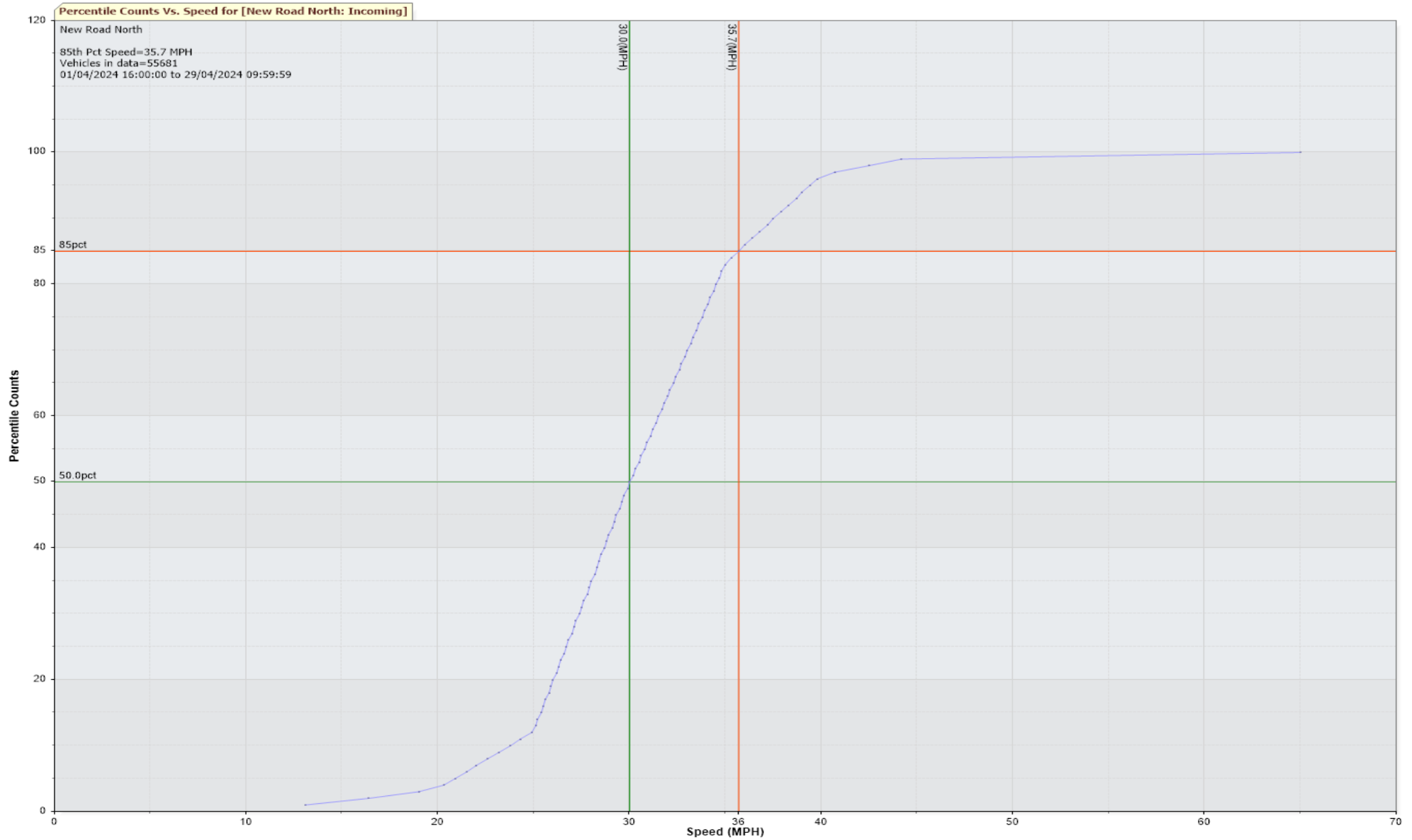
Zoom help

### 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.