

# TRAFFIC ANALYSIS REPORT FOR MAY 2024

## 1. Southam Lane West

This month saw an average of 2400 cars per day. The average speed of motorized vehicles was 30.0 mph. 85% of all vehicles were travelling slower than 35.4 mph. The worst speeding event we had occurred at 3:45 pm on the 6<sup>th</sup> May 2024 when a vehicle was recorded travelling at 60 mph coming into the village passing the entrance to Manor Courtyard. Traffic is travelling eastwards on Southam Lane. There is a 5.0% rain correction in this data.

For Project: Southam Lane West  
Report Generated: 05/06/2024 01:16:57 PM  
Speed Intervals = 5 MPH

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

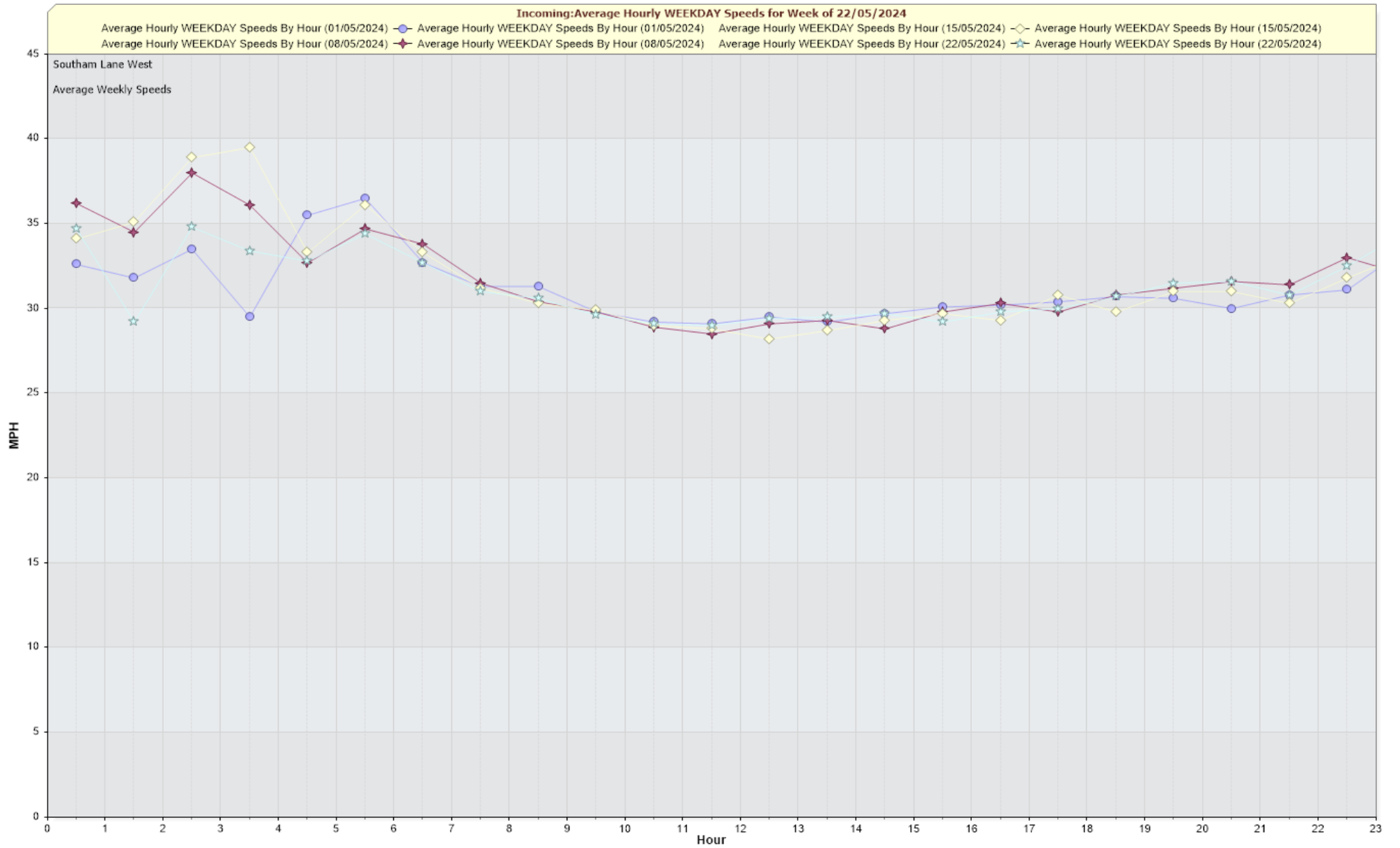
85th Percentile Speed = 35.4 MPH  
85th Percentile Vehicles = 57,287 counts  
Max Speed = 60.0 MPH on 06/05/2024 15:45:00  
Total Vehicles = 67,397 counts  
AADT: 2399.9

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,396	2,335
AM Peak	11:00 to 12:00	178	196
PM Peak	03:00 to 04:00	226	208

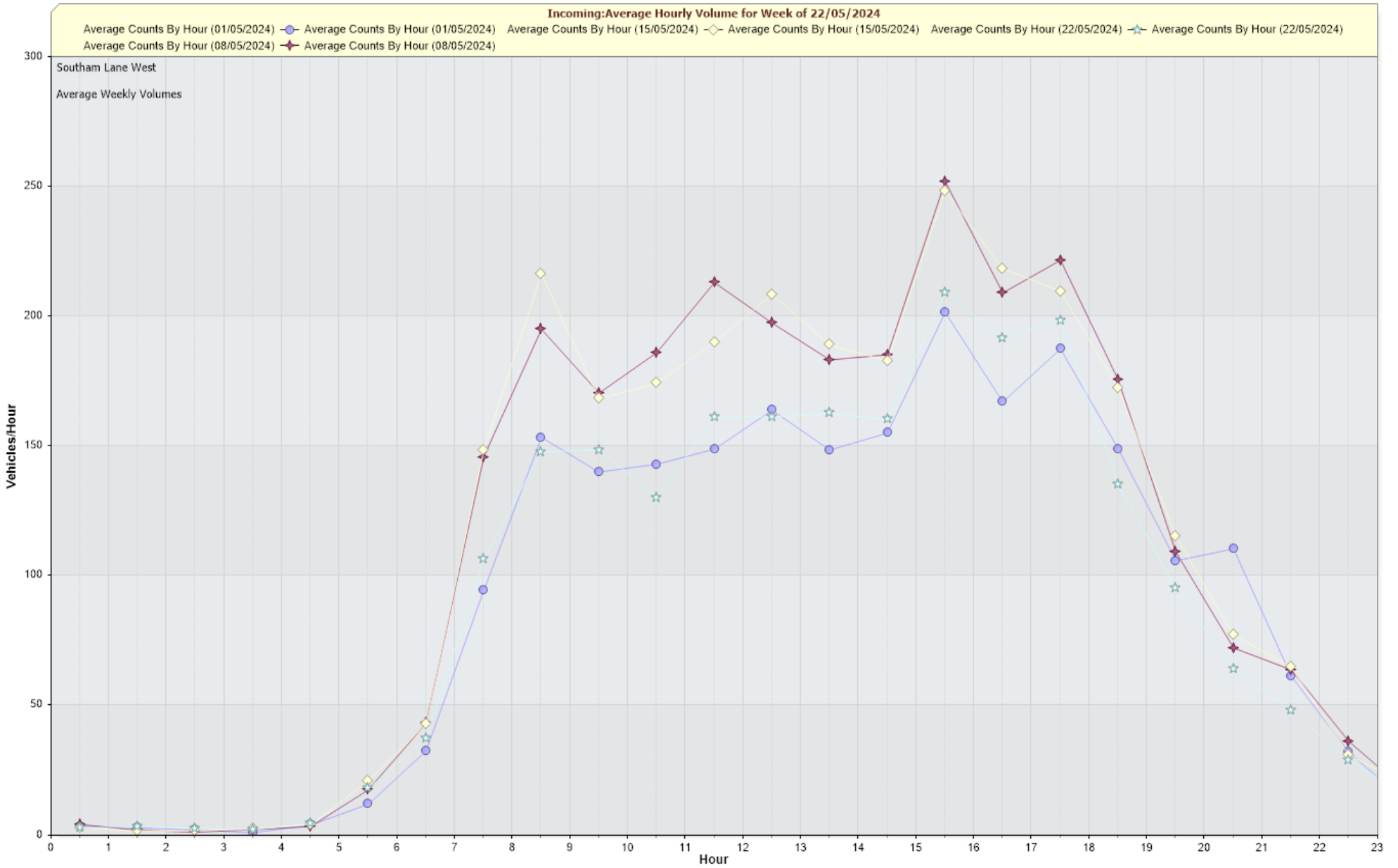
### Speed

Speed Limit: 30 MPH  
85th Percentile Speed: 35.4 MPH  
50th Percentile Speed: 29.6 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	4280	4503	4786	4871	5071	4422	3735
% over limit	48.1	45.9	47.7	47.0	46.7	49.1	44.2
Avg Speeder	34.7	34.7	34.6	34.8	34.7	34.7	34.5



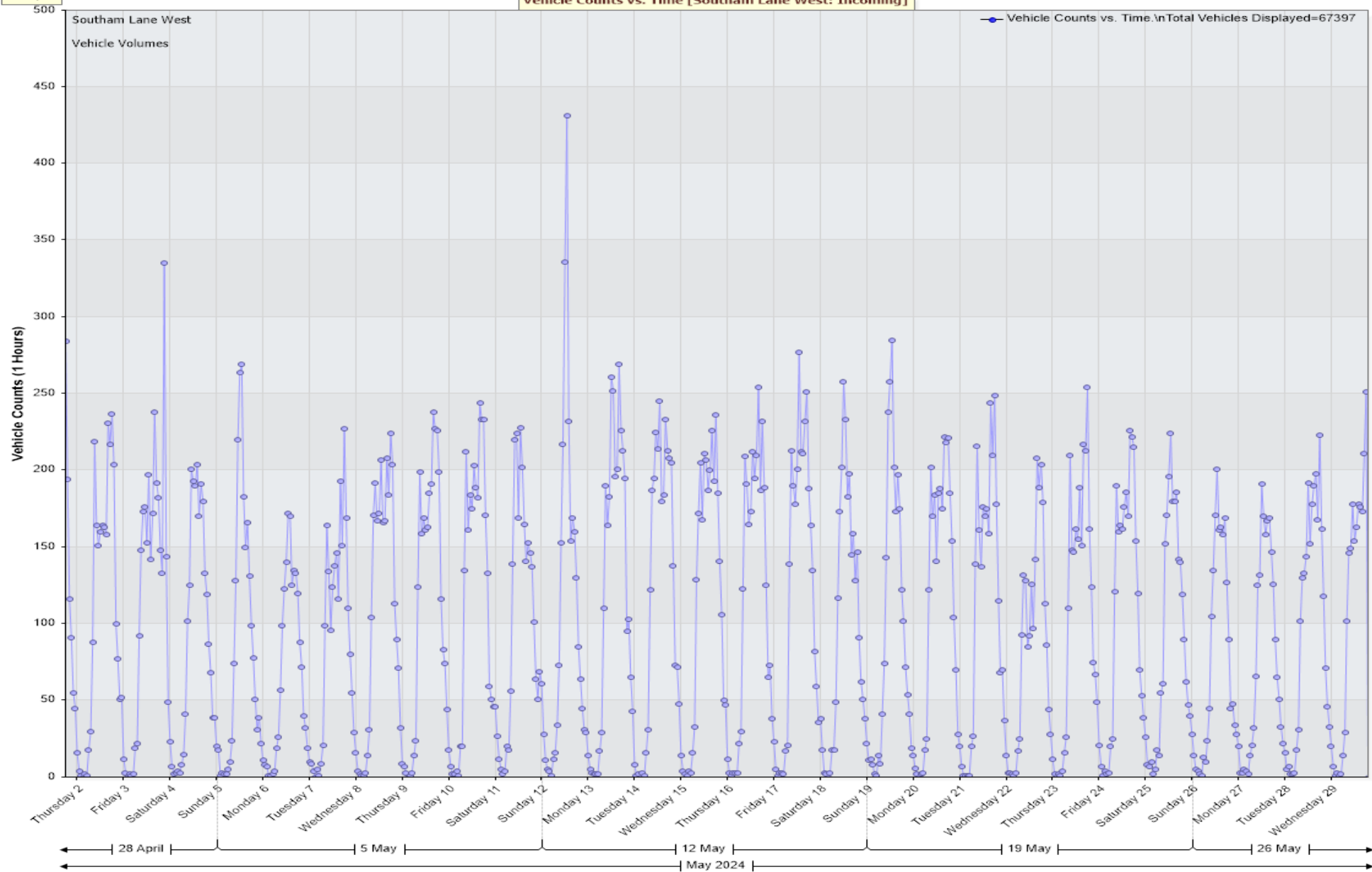
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

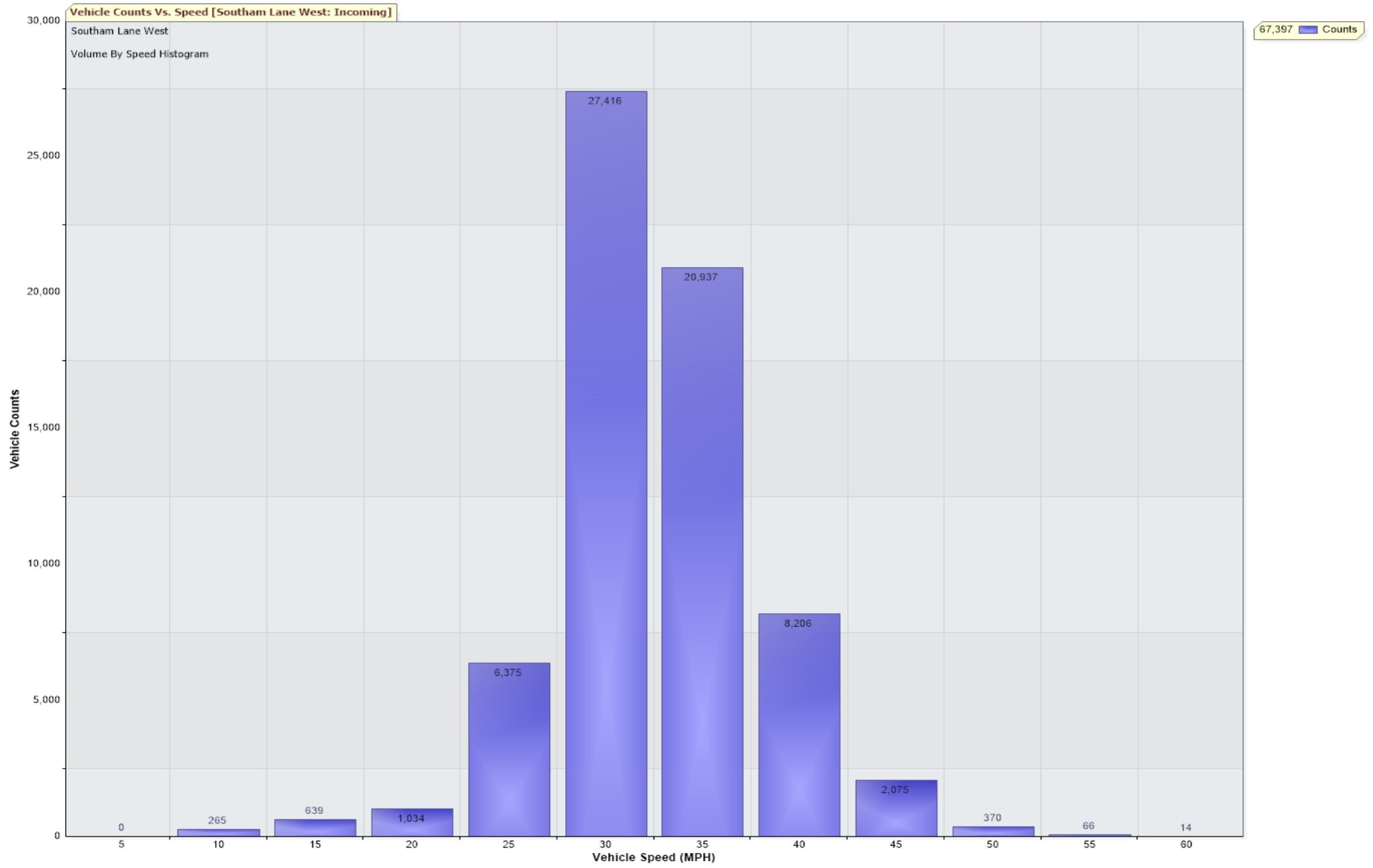


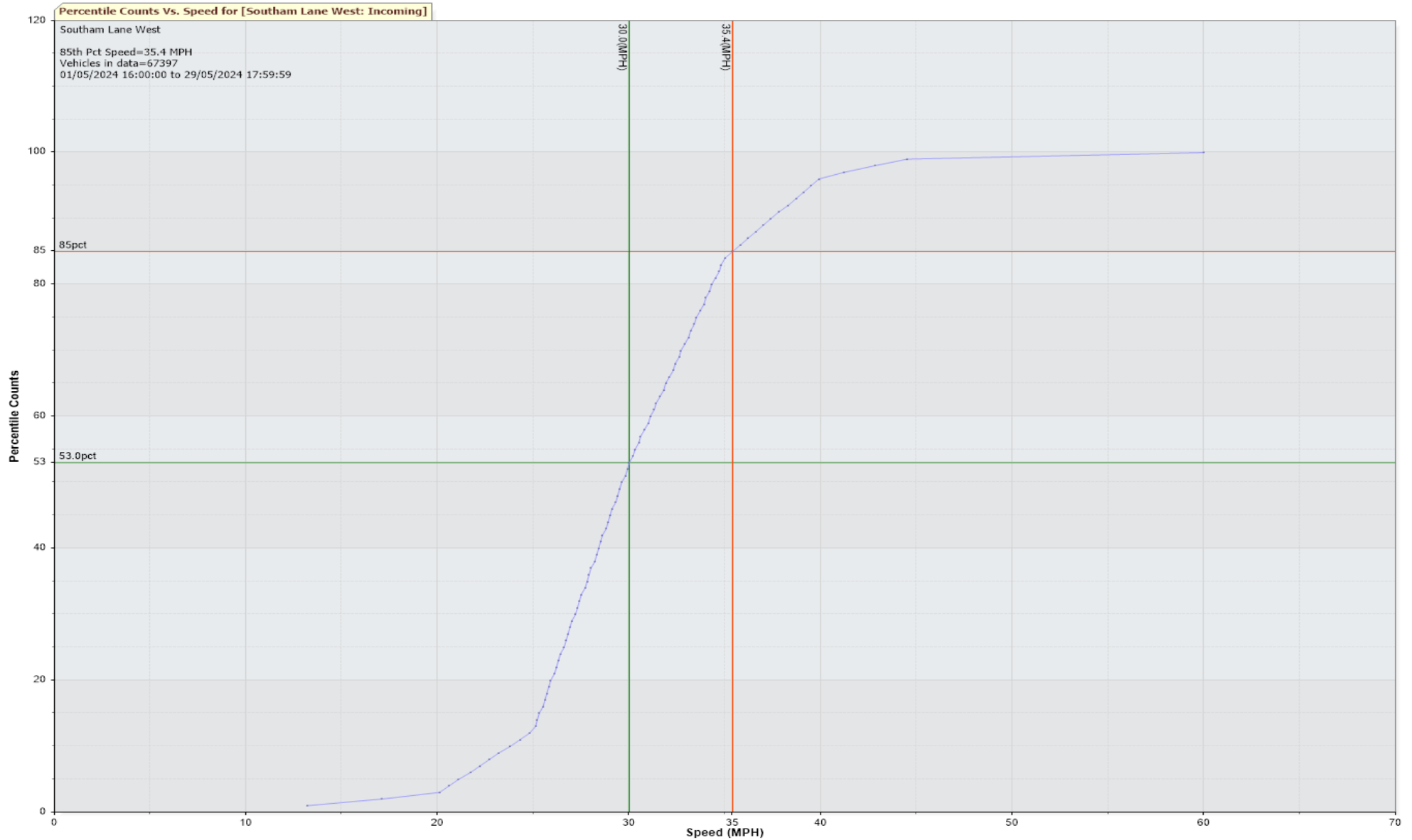
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

Zoom help

Vehicle Counts vs. Time [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 2424 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 5:20 pm on the 2<sup>nd</sup> May 2024 when a vehicle was recorded travelling at 60 mph through the village. Traffic is travelling westwards towards the bus stop in Southam on Southam Lane. A rain correction of 1.8% has been applied

For Project: SouthamLaneEast2  
 Projects Notes/Address: Outside Jeffs  
 Report Generated: 06/06/2024 04:06:56 PM  
 Speed Intervals = 5 MPH

Traffic Report From 01/05/2024 12:00:00 PM through 29/05/2024 06:59:59 PM

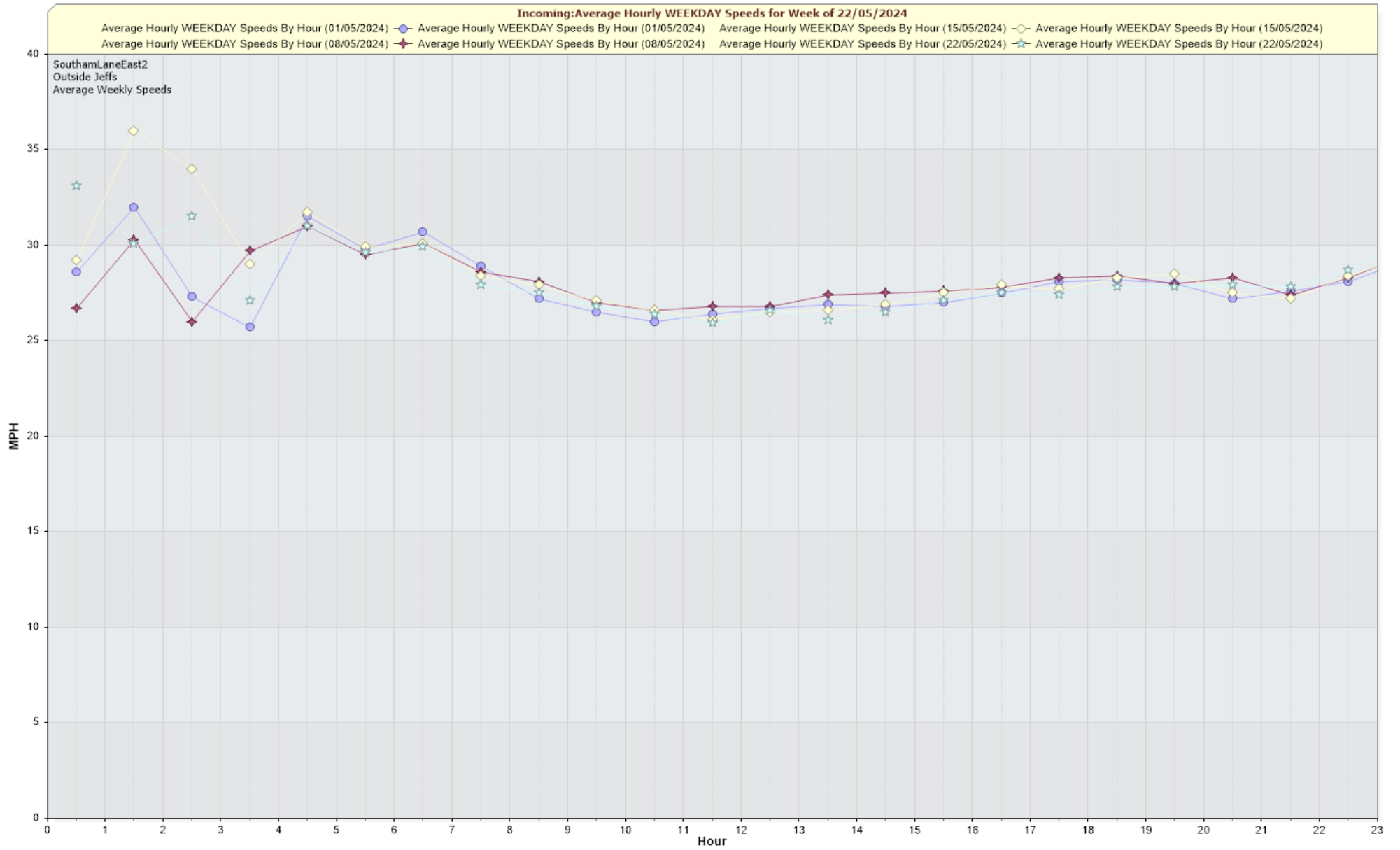
85th Percentile Speed = 32.0 MPH  
 85th Percentile Vehicles = 58,283 counts  
 Max Speed = 60.0 MPH on 02/05/2024 17:20:00  
 Total Vehicles =68,568 counts  
 AADT: 2423.6

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,449	2,367
AM Peak	08:00 to 09:00	240	215
PM Peak	04:00 to 05:00	207	190

### Speed

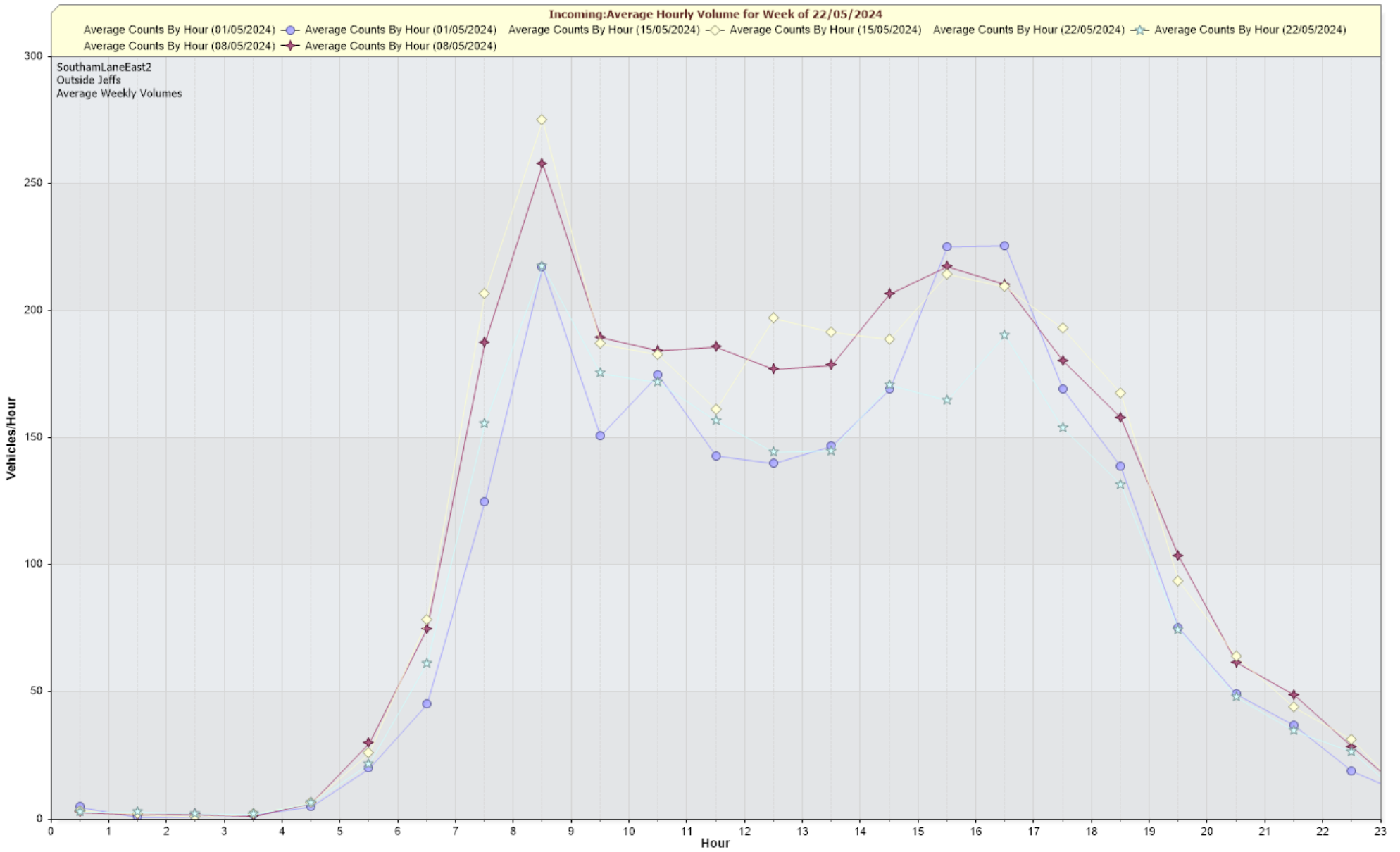
Speed Limit: 30 MPH  
 85th Percentile Speed: 32.0 MPH  
 50th Percentile Speed: 27.5 MPH  
 10 MPH Pace Interval: 20.0 MPH to 30.0 MPH  
 Average Speed: 27.5 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	2083	2097	2587	2476	2506	2098	1806
% over limit	23.4	21.9	22.9	23.7	22.8	23.3	21.7
Avg Speeder	33.4	33.5	33.4	33.4	33.5	33.6	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.

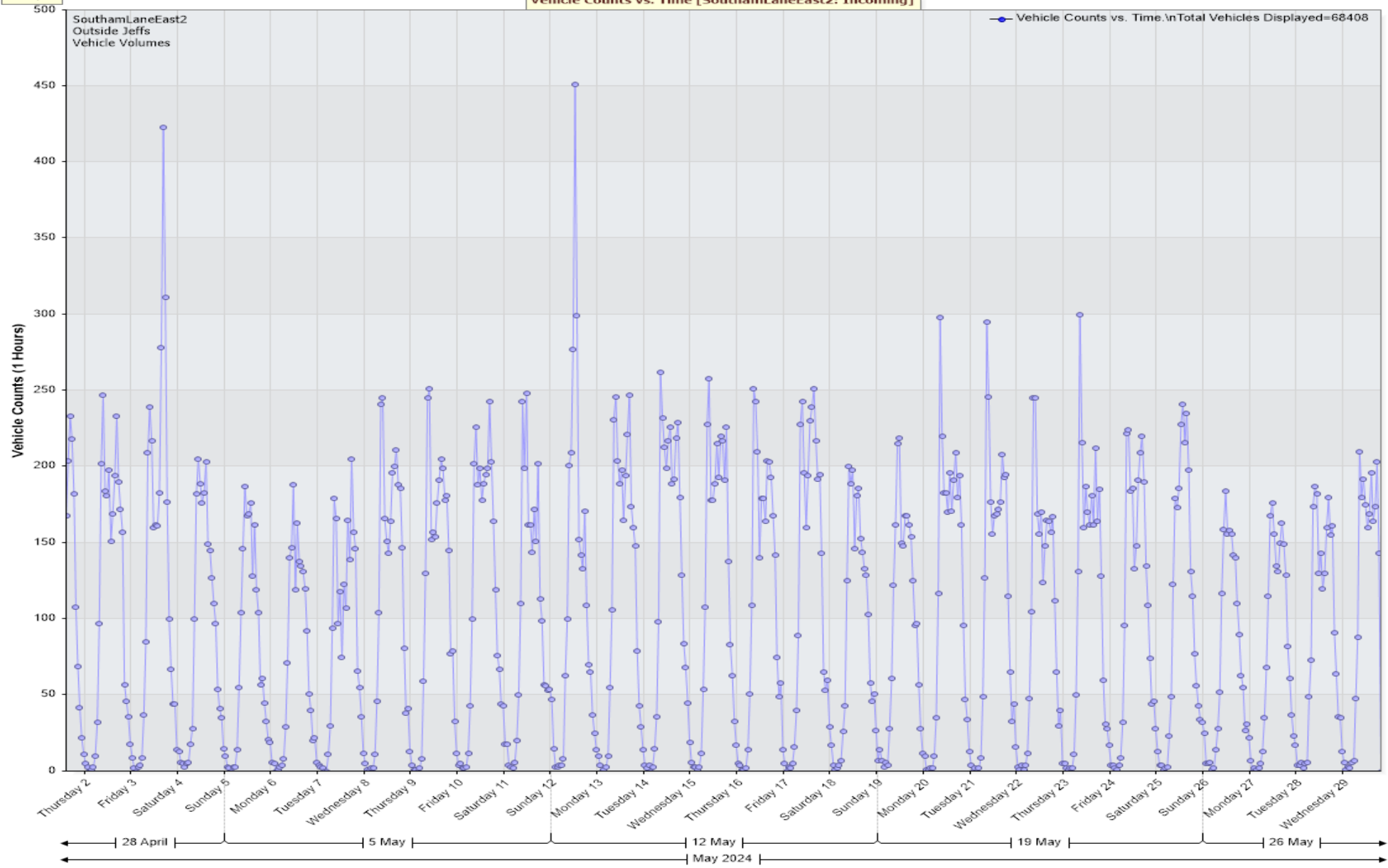


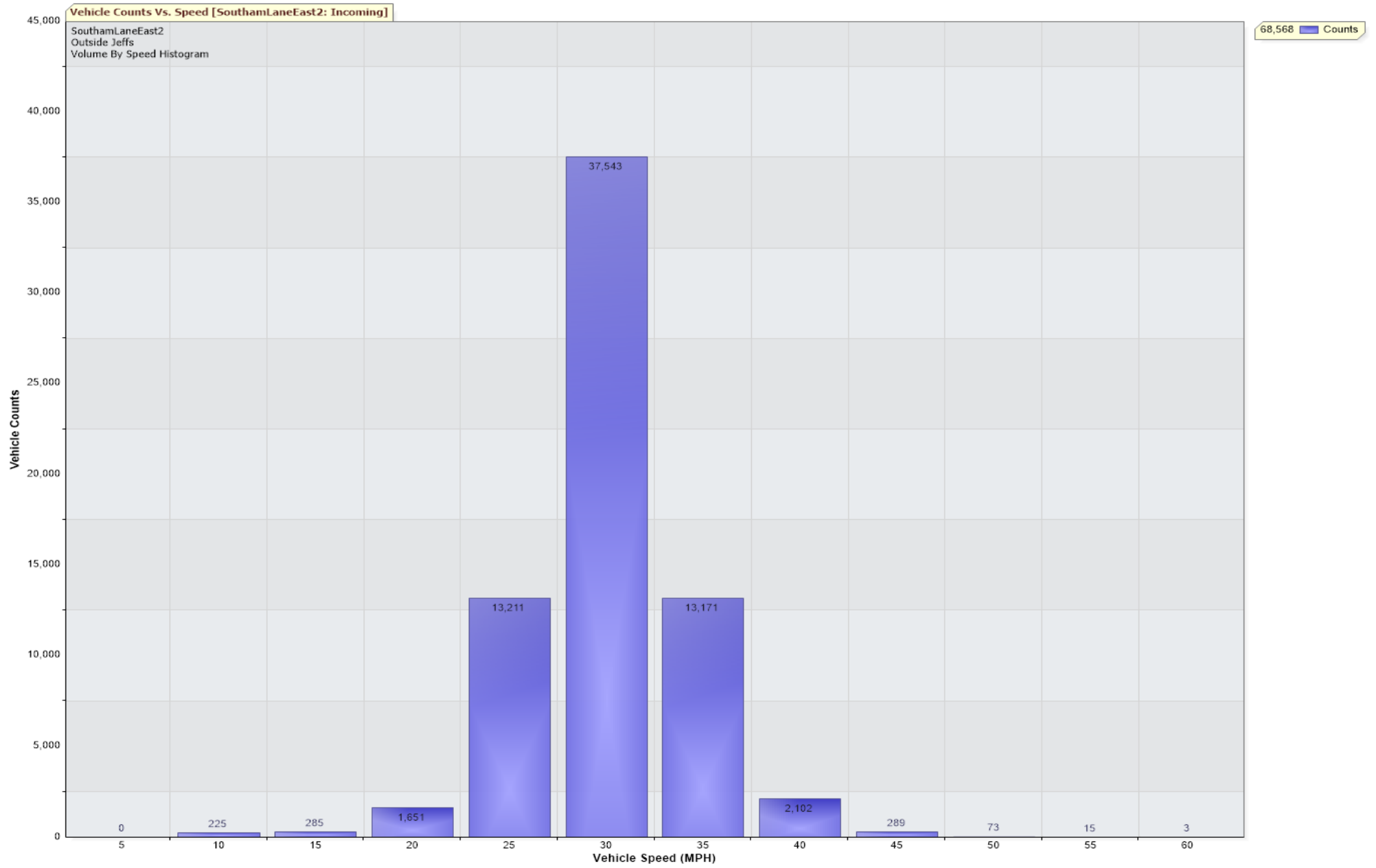


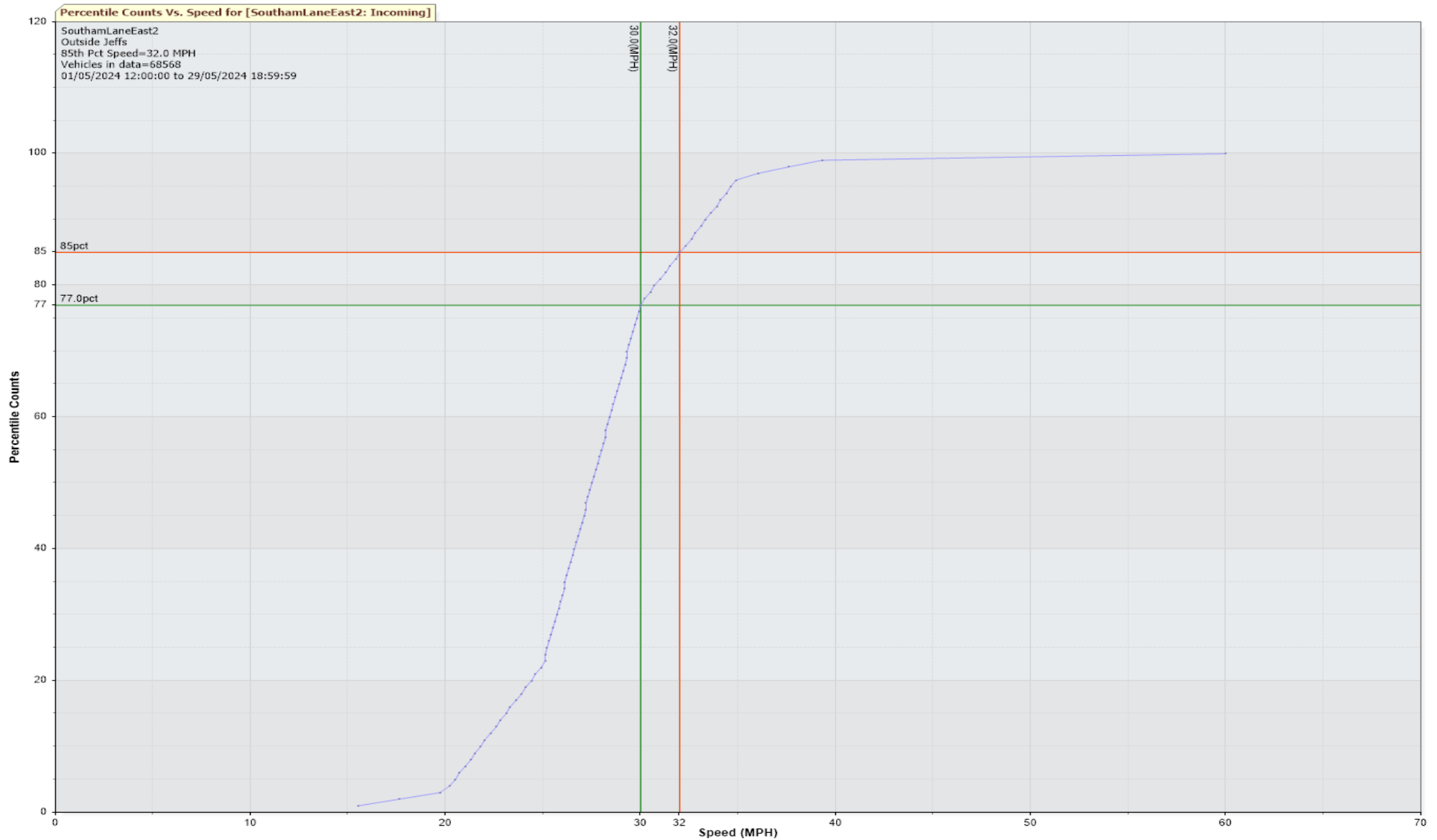
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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 2084 cars per day. The average speed of motorized vehicles was 29.6 mph. 85% of all vehicles were travelling slower than 35.0 mph. The worst speeding event we had occurred at 4:45 am on the 8<sup>th</sup> May 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: 04/06/2024 05:11:09 PM  
 Speed Intervals = 5 MPH

Traffic Report From 01/05/2024 04:00:00 PM through 24/05/2024 04:59:59 AM

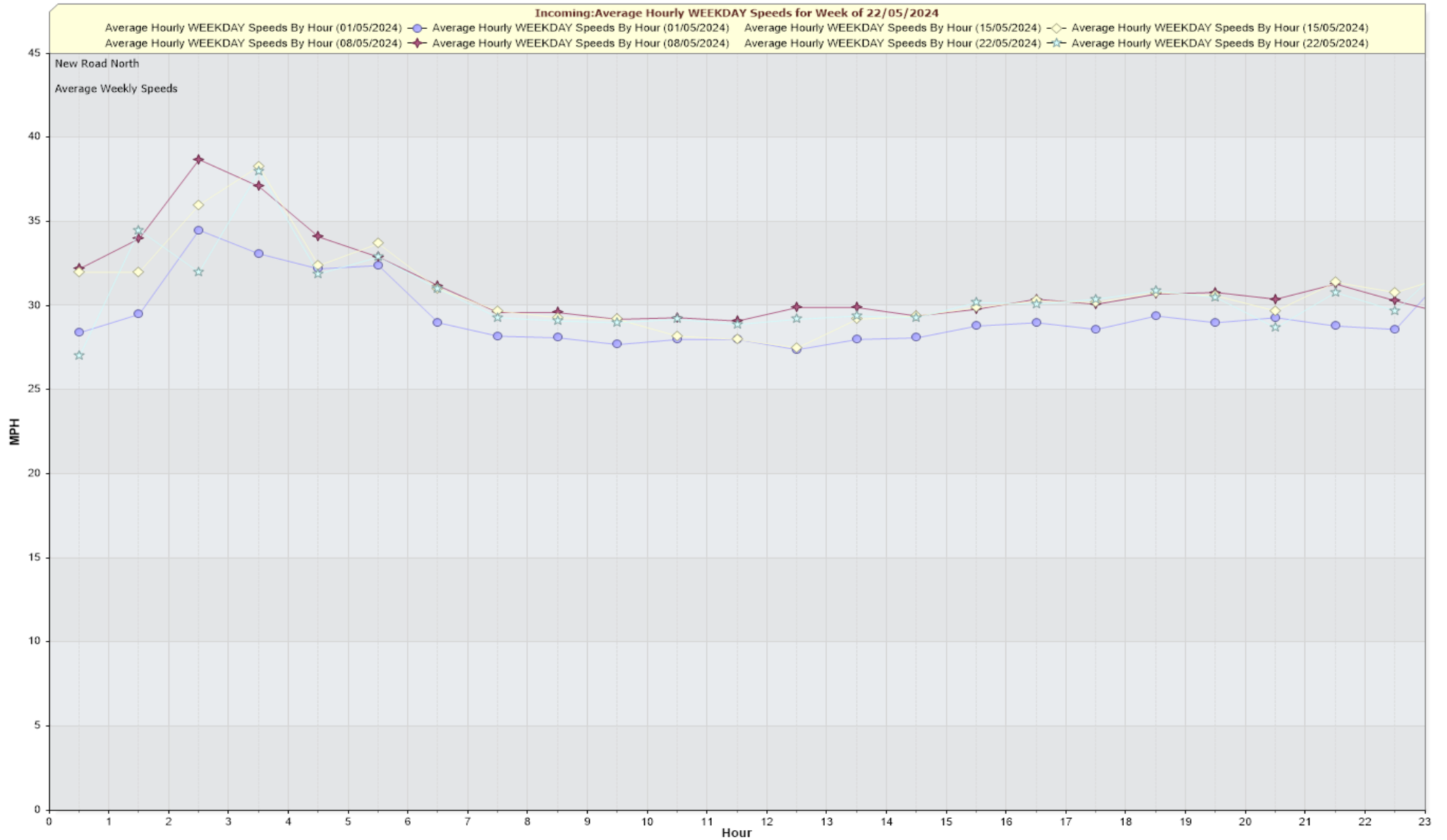
85th Percentile Speed = 35.0 MPH  
 85th Percentile Vehicles = 39,931 counts  
 Max Speed = 60.0 MPH on 08/05/2024 04:45:00  
 Total Vehicles = 46,978 counts  
 AADT: 2084.1

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,087	1,958
AM Peak	07:00 to 08:00	282	226
PM Peak	02:00 to 03:00	202	177

### Speed

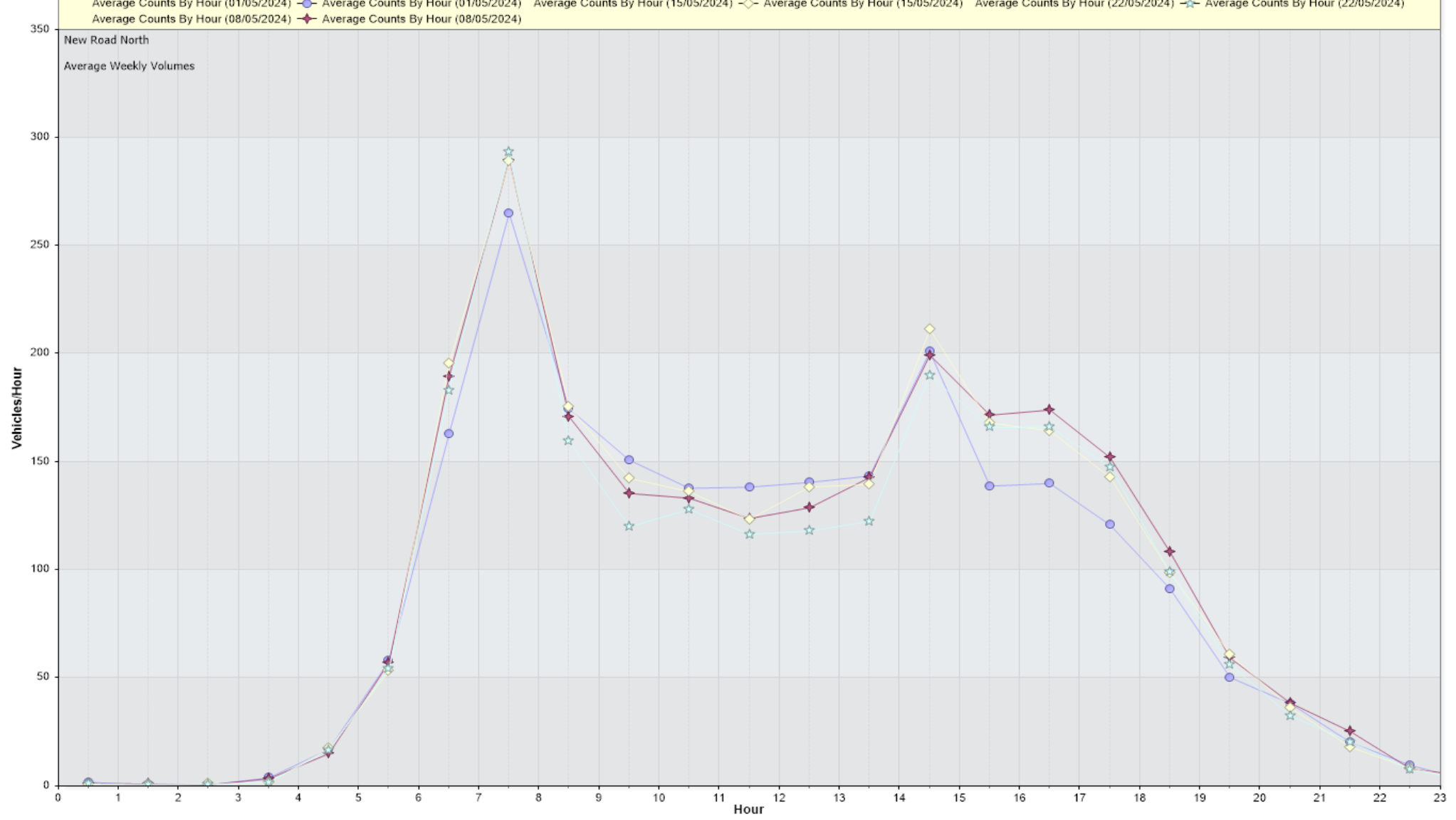
Speed Limit: 30 MPH  
 85th Percentile Speed: 35.0 MPH  
 50th Percentile Speed: 29.6 MPH  
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
 Average Speed: 29.6 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	2900	3639	3520	4365	2662	2705	2235
% over limit	48.1	46.7	47.6	46.9	40.0	49.5	51.4
Avg Speeder	34.4	34.5	34.3	34.4	34.4	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.

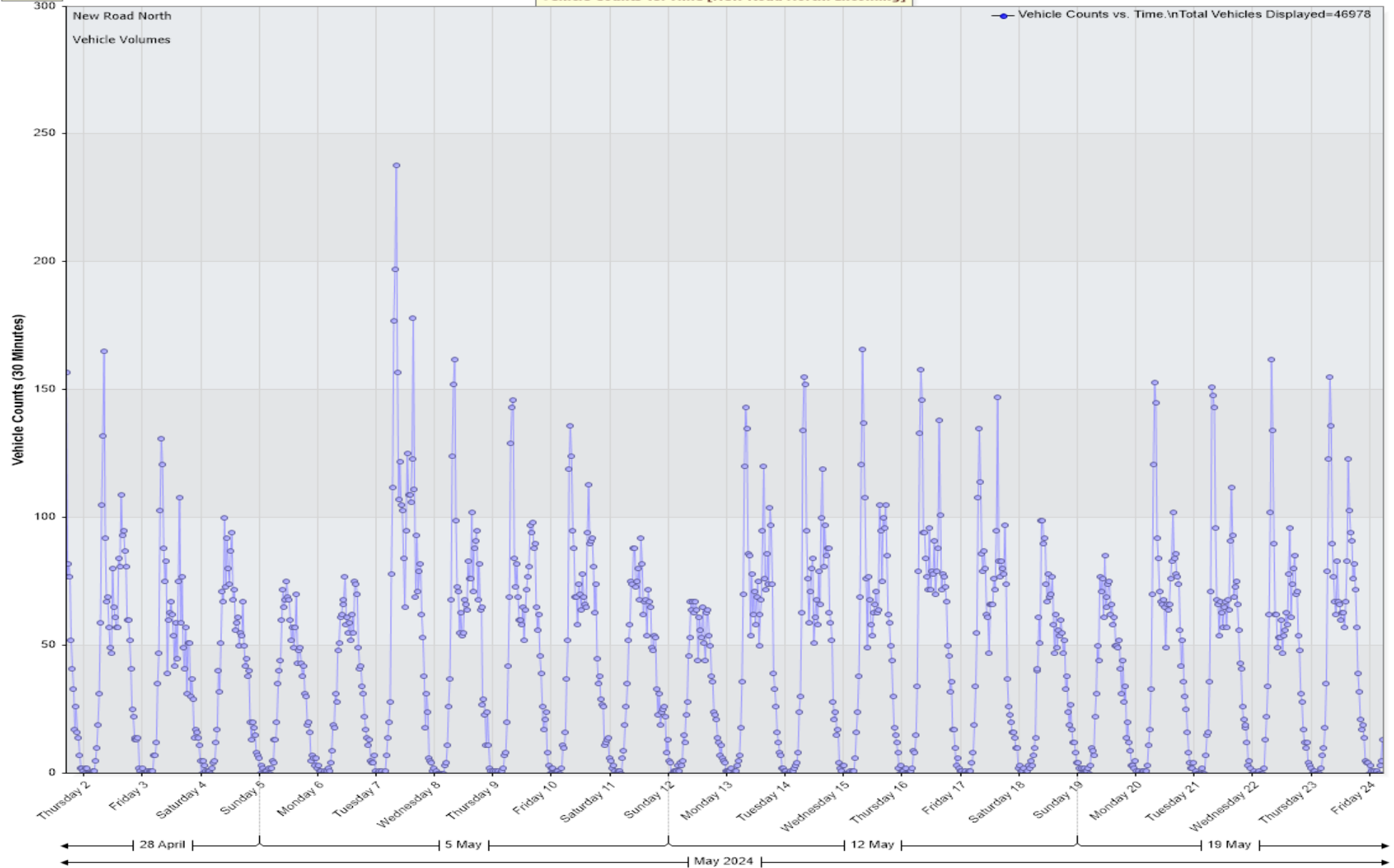
Incoming: Average Hourly Volume for Week of 22/05/2024



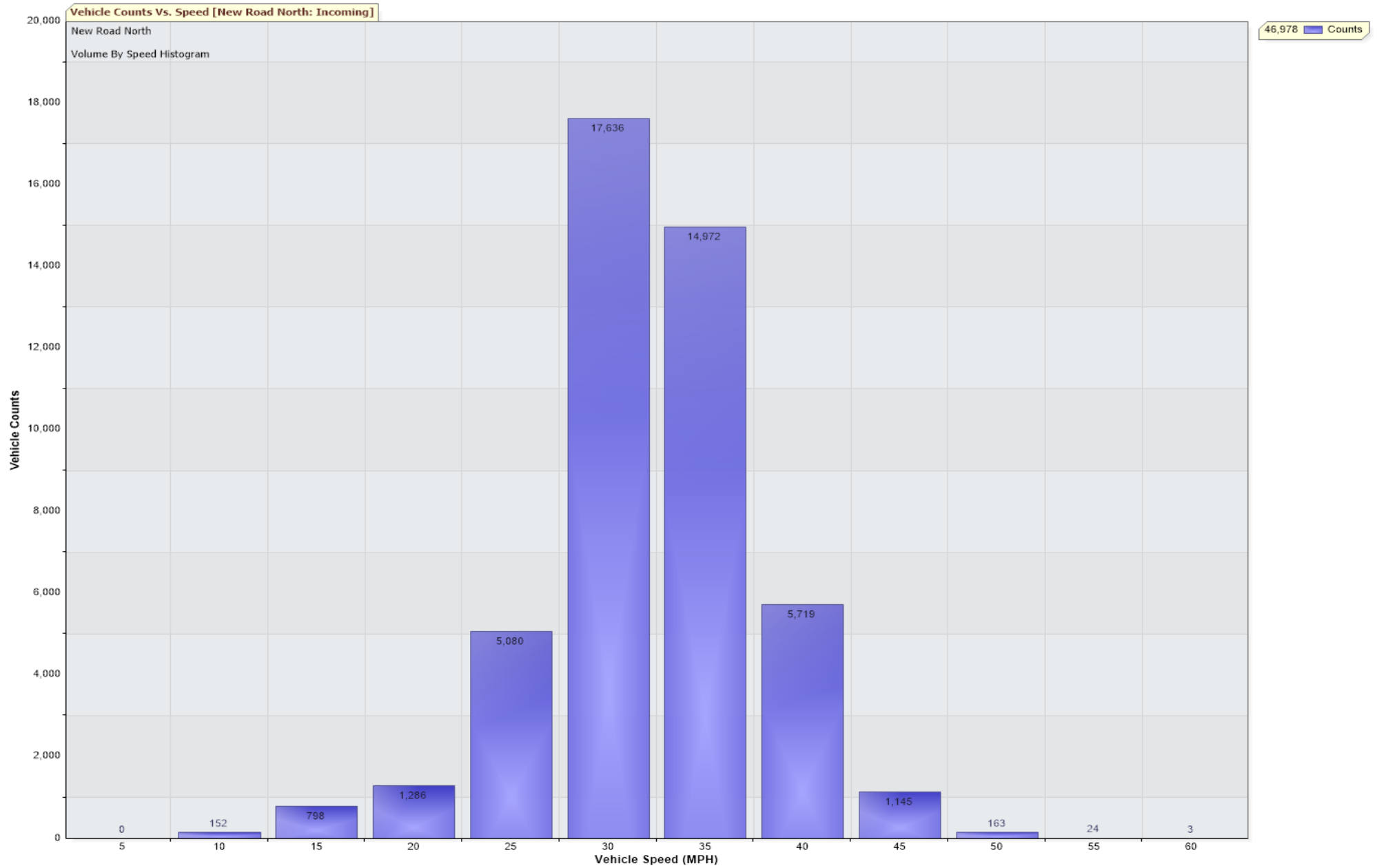
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

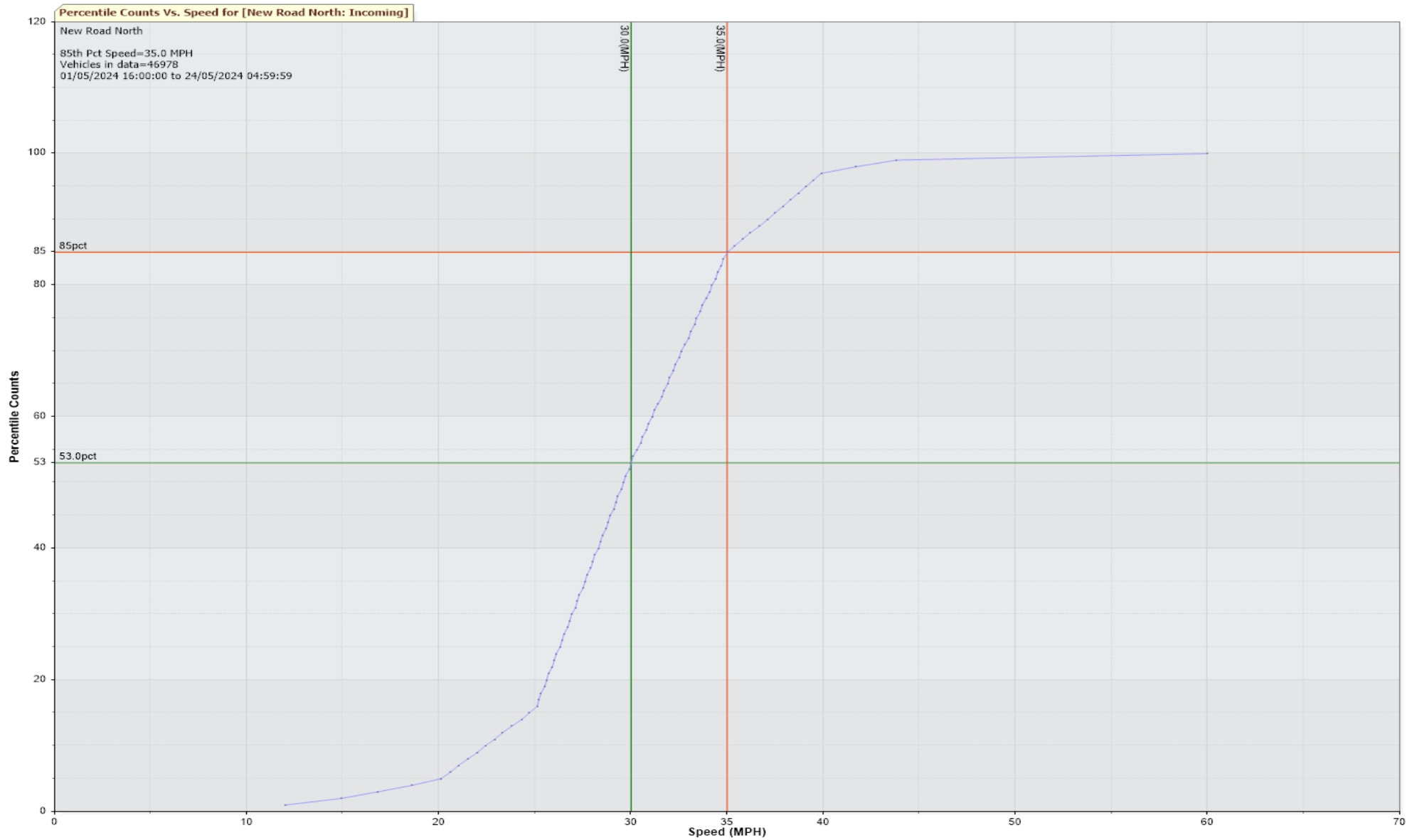
Zoom help

Vehicle Counts vs. Time [New Road North: Incoming]









The blue trace shows the data from the histogram plot on page 17, 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.