

TRAFFIC ANALYSIS REPORT FOR JUNE 2024

1. Southam Lane

This month saw an average of 2367 cars per day. The average speed of motorized vehicles was 30 mph. 85% of all vehicles were travelling slower than 35.5 mph. The worst speeding event we had occurred at 11:25 pm on the 23rd June 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 no rain correction in this data.

For Project: Southam Lane West
Location/Name: Incoming
Report Generated: 10/11/2024 09:50:22 PM
Speed Intervals = 5 MPH

Traffic Report From 23/05/2024 04:00:00 PM through 13/06/2024 05:59:59 PM

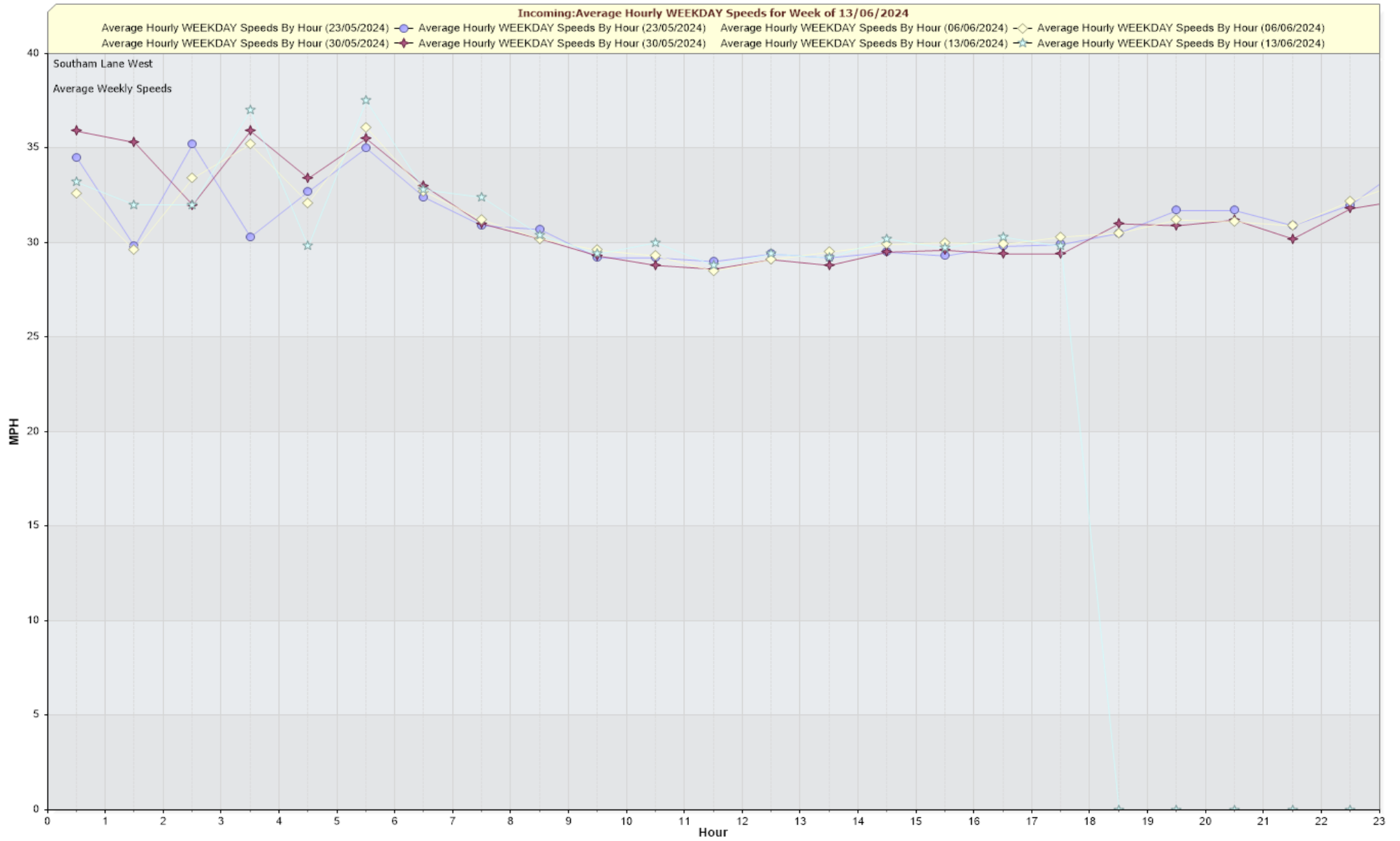
85th Percentile Speed = 35.5 MPH
85th Percentile Vehicles = 42,414 counts
Max Speed = 60.0 MPH on 23/05/2024 23:15:00
Total Vehicles = 49,899 counts
AADT: 2366.8

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,360	2,282
AM Peak	08:00 to 09:00	176	181
PM Peak	05:00 to 06:00	216	200

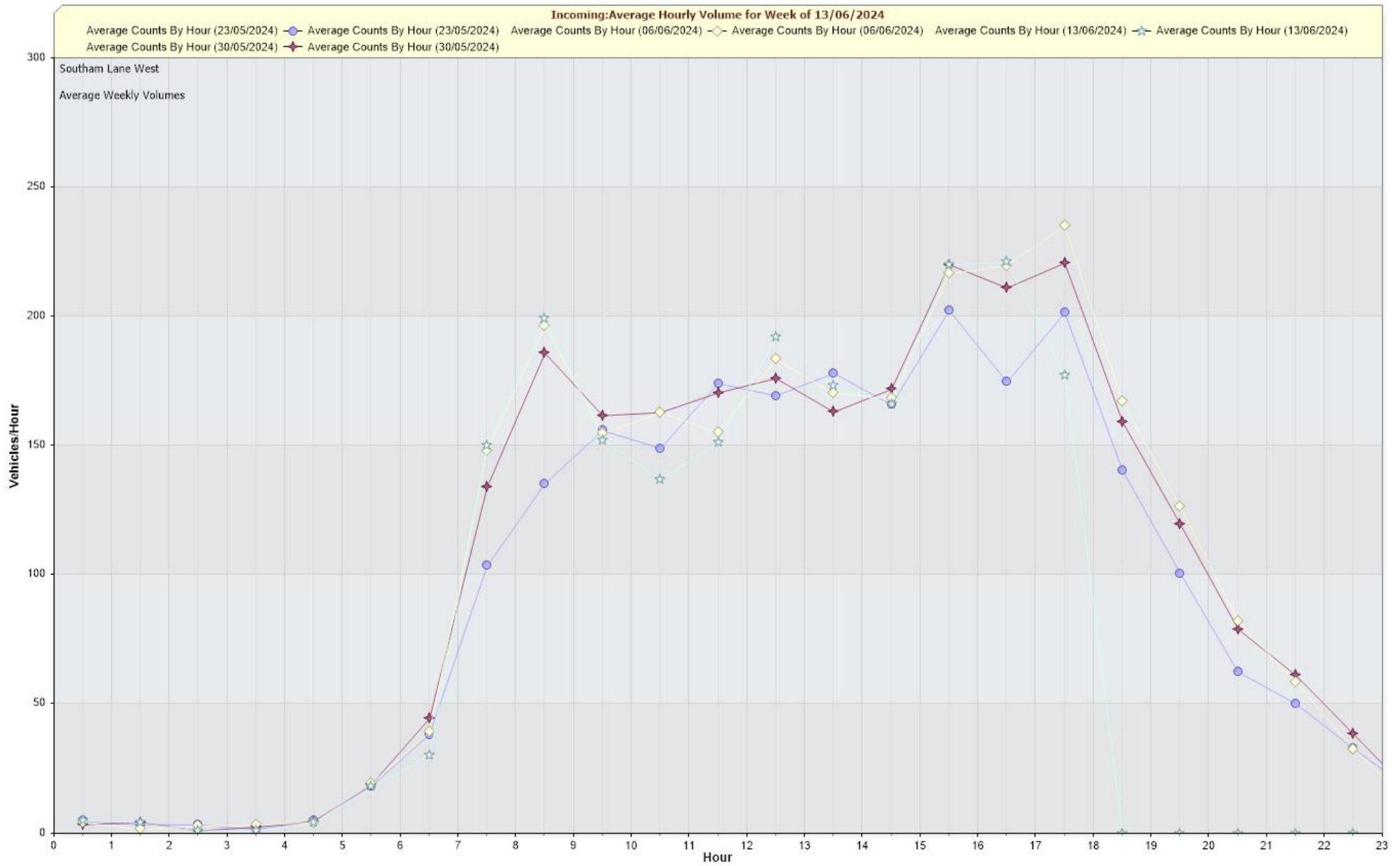
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 35.5 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	3255	3380	3625	3687	3427	3190	2752
% over limit	46.9	46.2	47.4	46.9	45.0	49.2	45.6
Avg Speeder	34.8	34.9	34.7	34.8	34.8	34.8	34.5



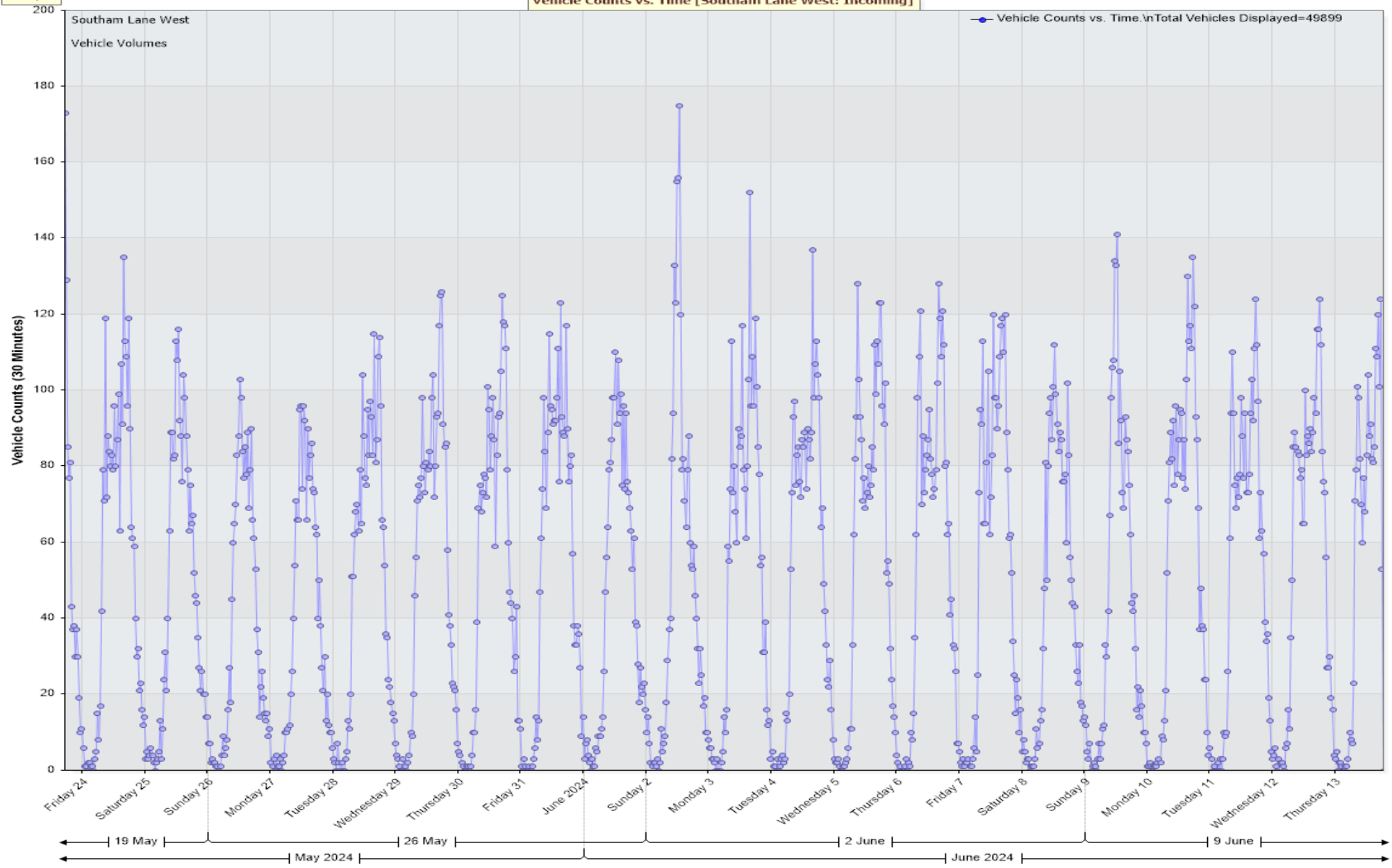
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.



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.

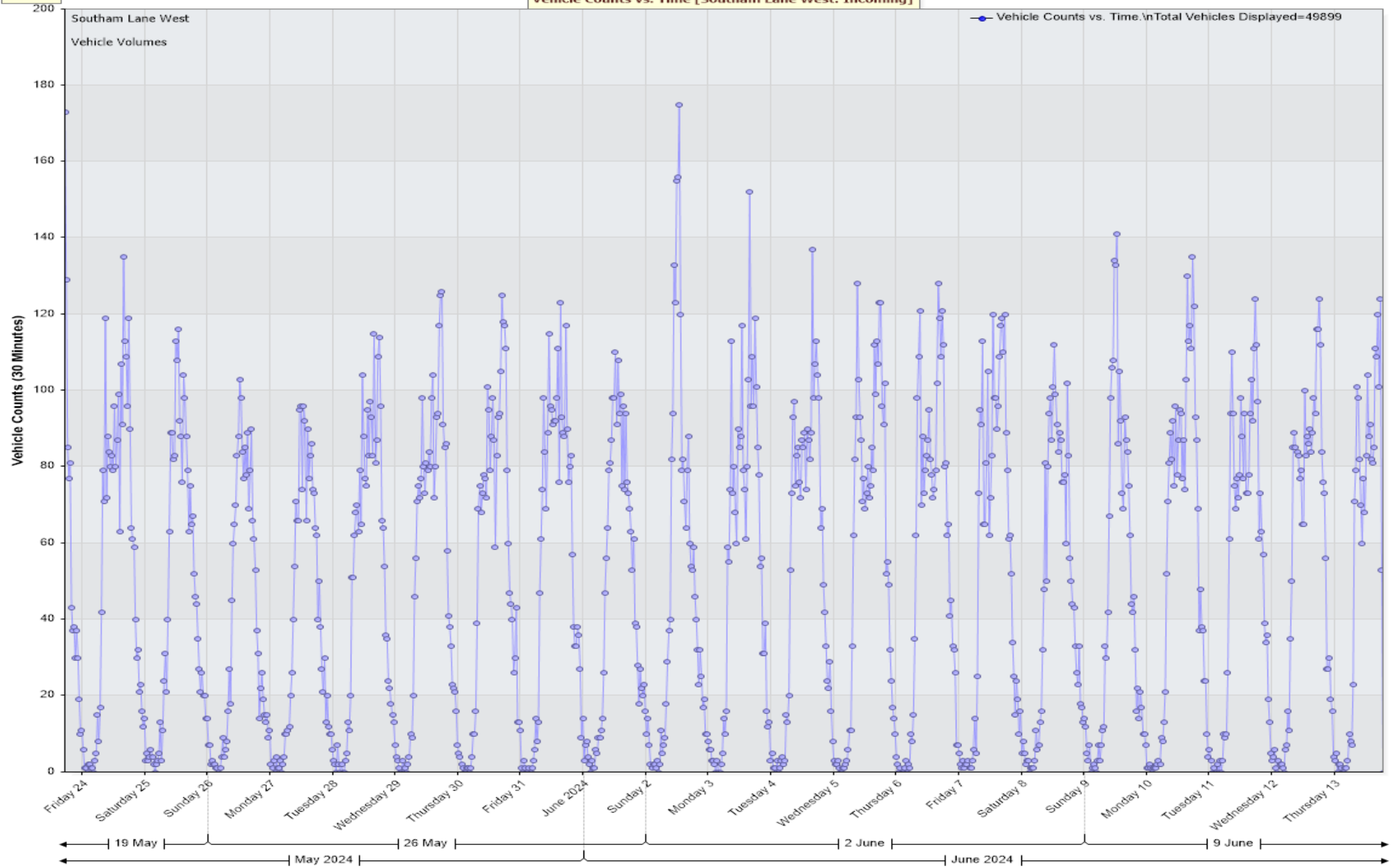
Zoom help

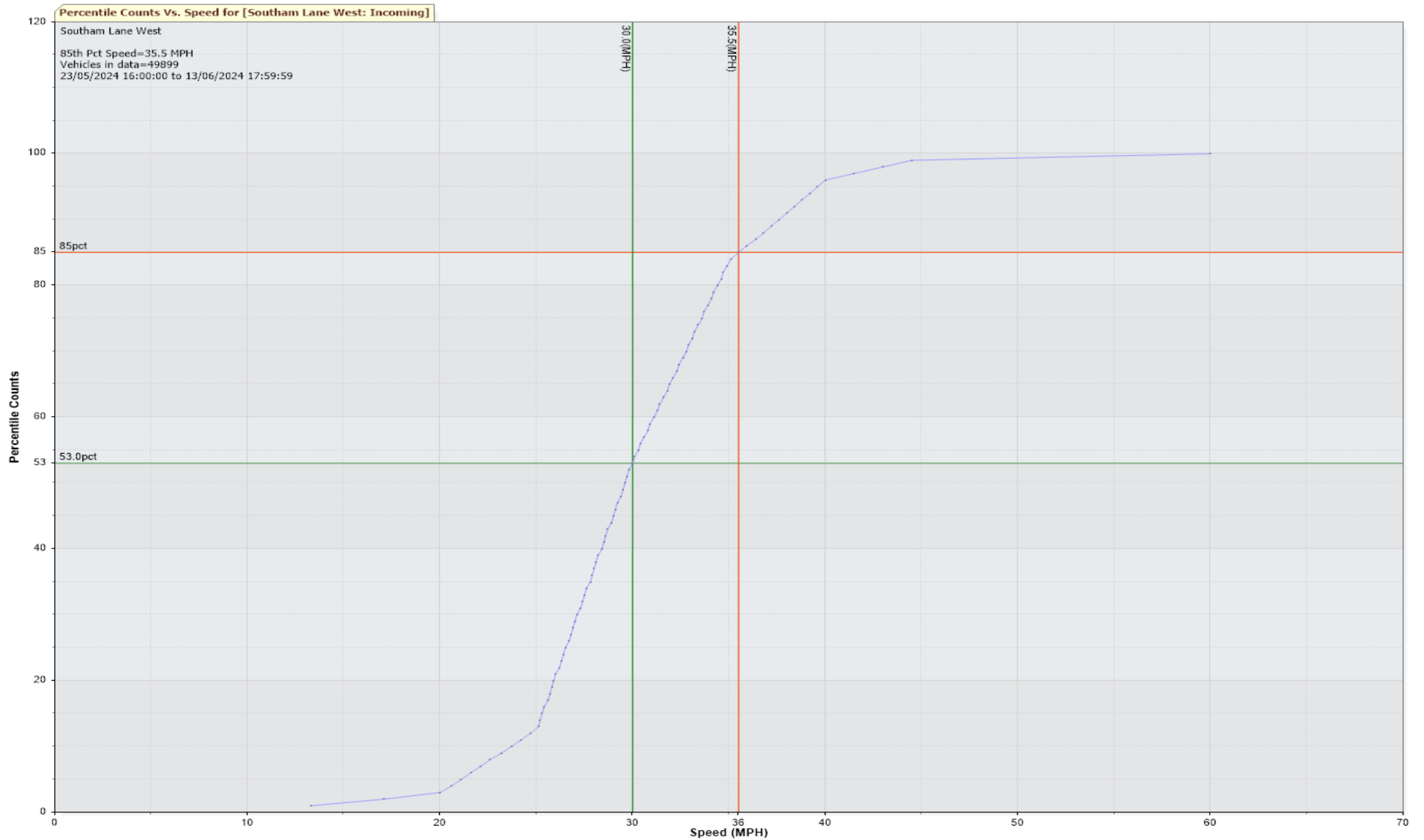
Vehicle Counts vs. Time [Southam Lane West: Incoming]



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 2433 cars per day. The average speed of motorized vehicles was mph. 85% of all vehicles were travelling slower than 32.1 mph. The worst speeding event we had occurred at 15:45 pm on the 3rd June 2024 when a vehicle was recorded travelling at 70 mph through the village. Traffic is travelling westwards towards the bus stop in Southam on Southam Lane. No rain correction has been applied

For Project: SouthamLaneEast2
Projects Notes/Address: Outside Jeffs
Report Generated: 02/12/2024 06:37:59 PM
Speed Intervals = 5 MPH

Traffic Report From 28/05/2024 12:00:00 PM through 18/06/2024 08:59:59 PM

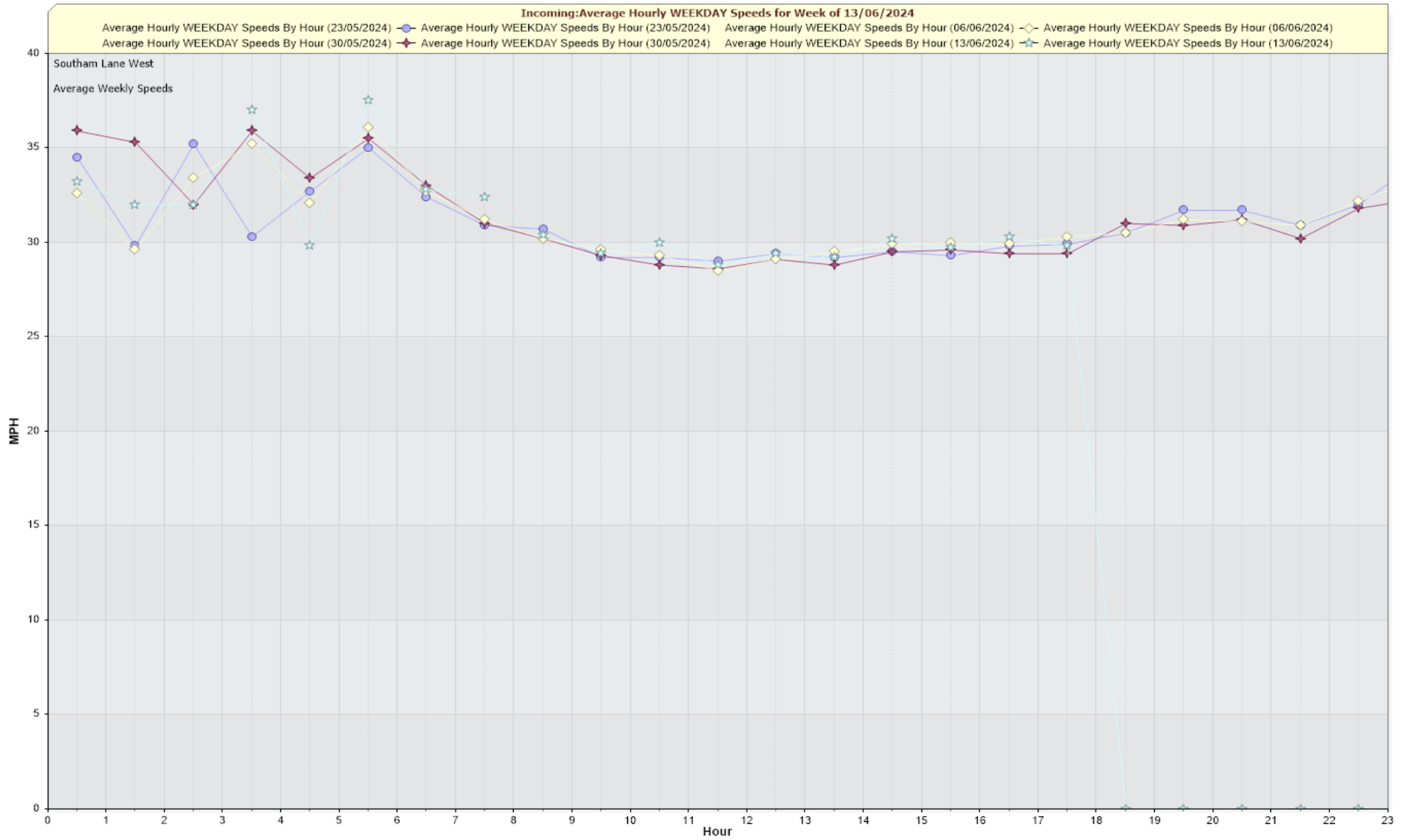
85th Percentile Speed = 32.1 MPH
85th Percentile Vehicles = 44,199 counts
Max Speed = 70.0 MPH on 03/06/2024 15:45:00
Total Vehicles =51,999 counts
AADT: 2432.7

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,518	2,371
AM Peak	08:00 to 09:00	266	228
PM Peak	04:00 to 05:00	210	189

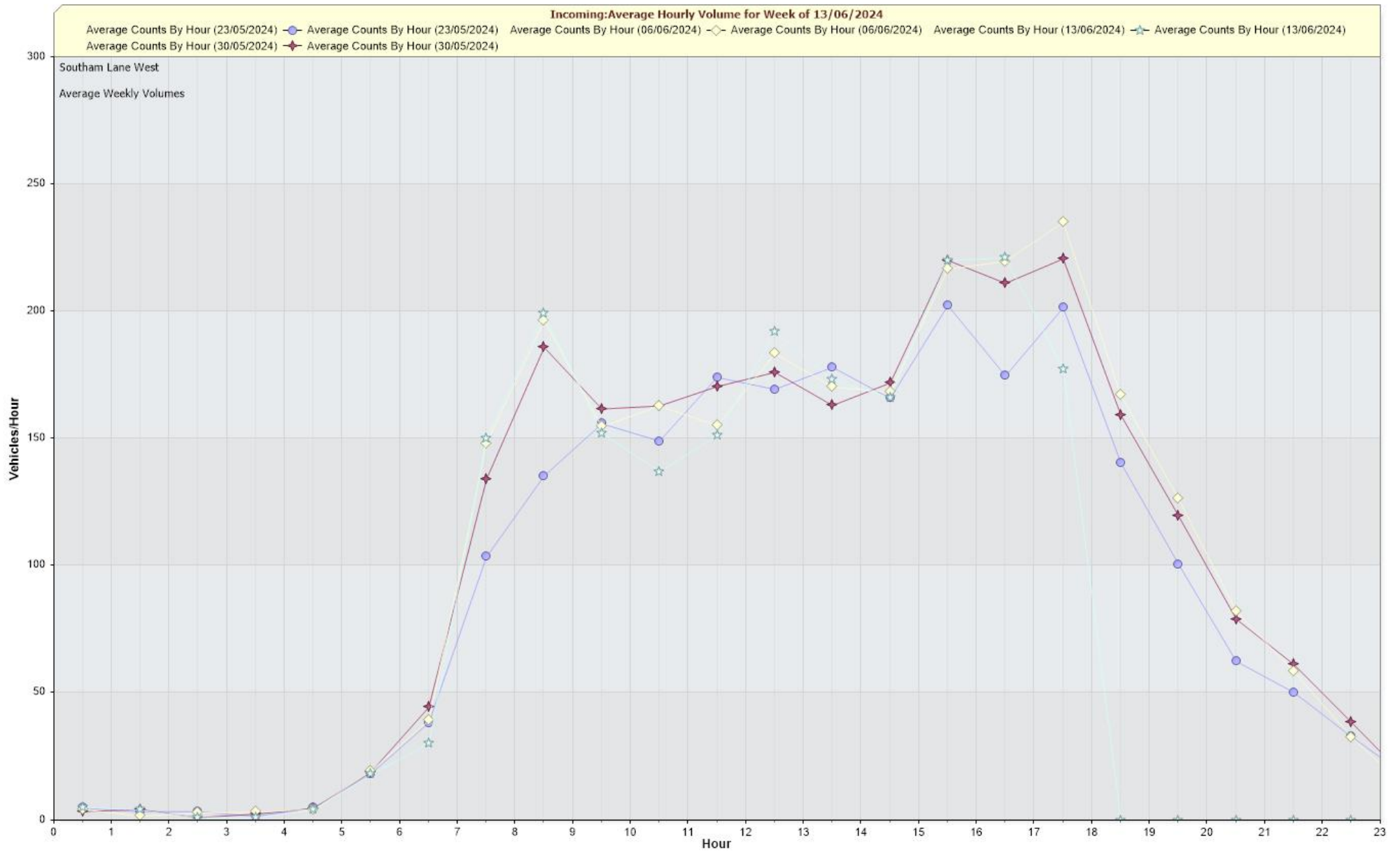
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 32.1 MPH
50th Percentile Speed: 27.6 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 27.5 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1744	2038	1816	1854	1886	1378	1367
% over limit	22.5	23.2	22.6	24.3	24.3	22.6	23.0
Avg Speeder	33.5	33.4	33.3	33.4	33.5	33.5	33.5



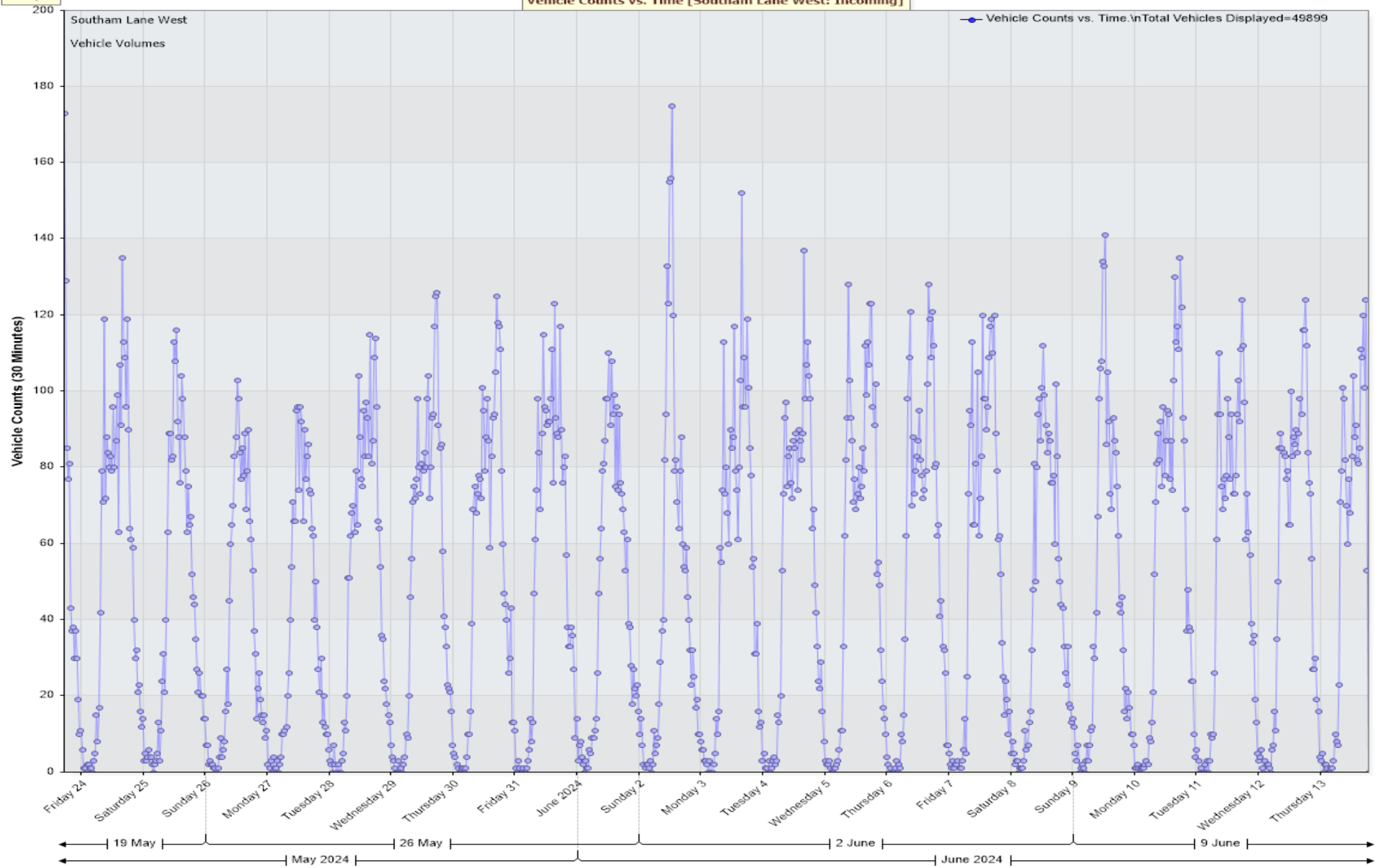
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

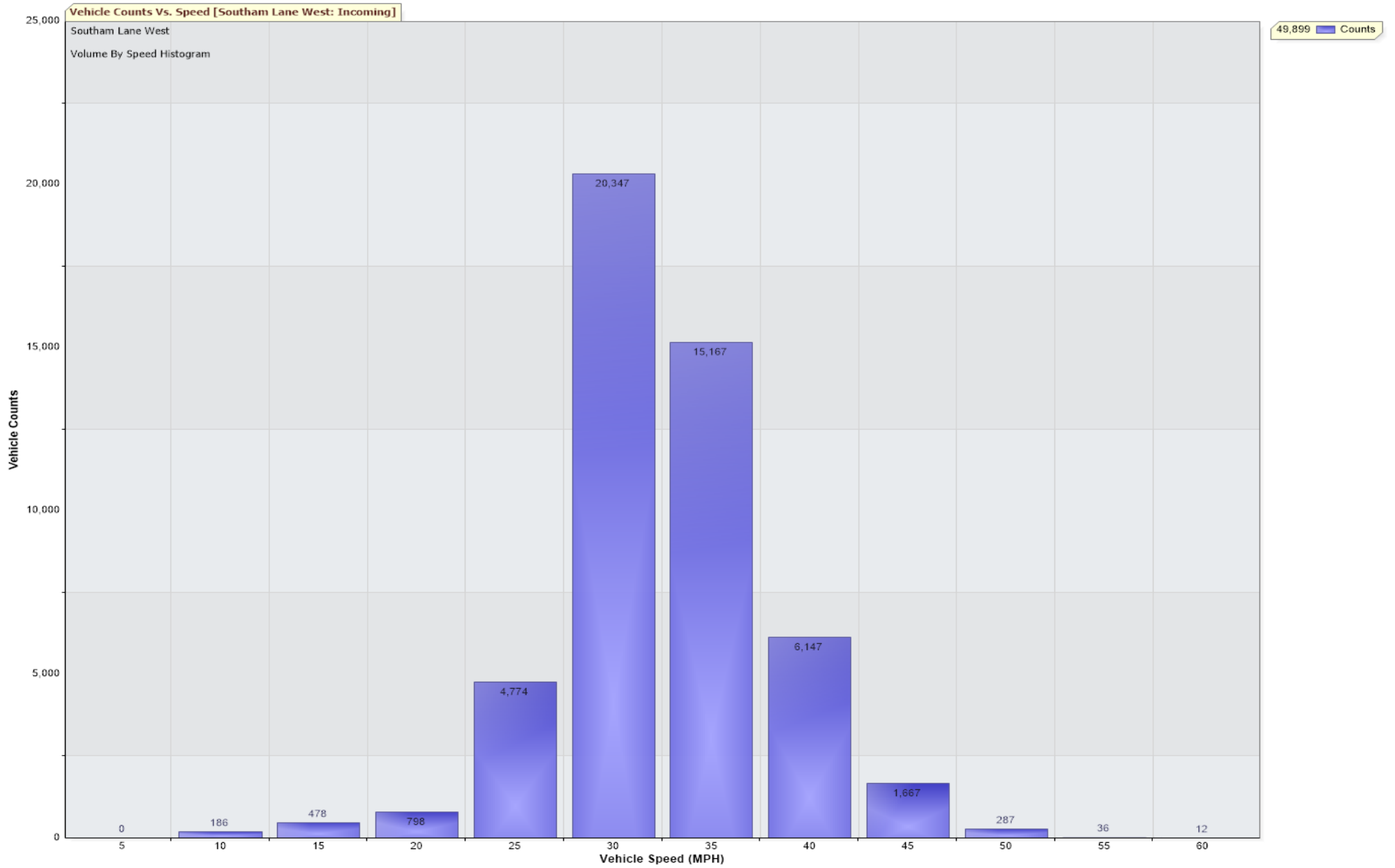


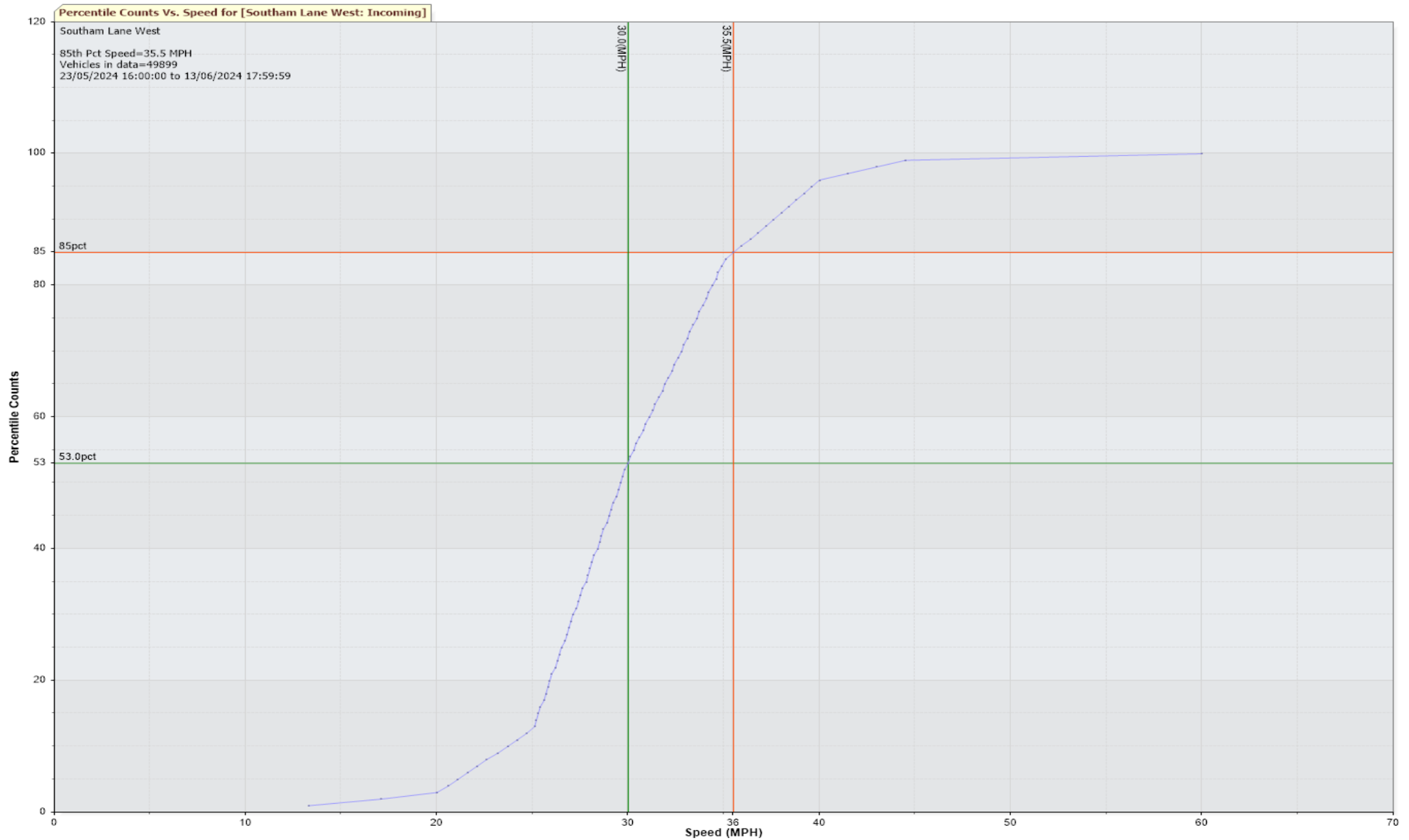
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

Zoom help

Vehicle Counts vs. Time [Southam Lane West: Incoming]







The blue trace shows the data from the histogram plot on page 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 1820 cars per day. The average speed of motorized vehicles was 29.2 mph. 85% of all vehicles were travelling slower than 34.7 mph. The worst speeding event we had occurred at 10:30 am on the 9th June 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
 Location/Name: Incoming
 Report Generated: 06/10/2024 05:03:08 AM
 Speed Intervals = 5 MPH

Traffic Report From 01/06/2024 04:00:00 PM through 29/06/2024 01:59:59 PM

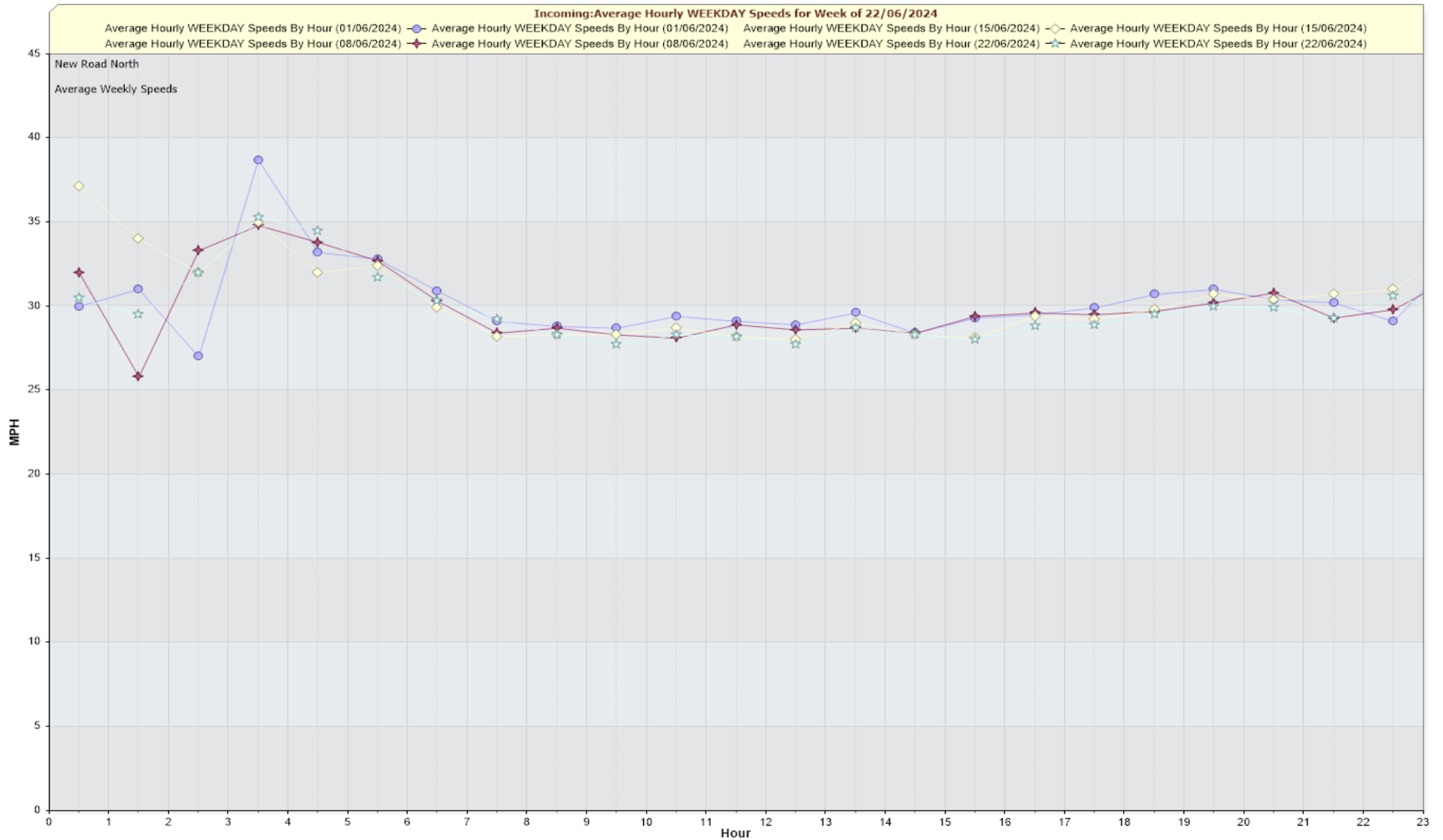
85th Percentile Speed = 34.7 MPH
 85th Percentile Vehicles = 43,178 counts
 Max Speed = 60.0 MPH on 09/06/2024 10:30:00
 Total Vehicles =50,798 counts
 AADT: 1819.6

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		1,971	1,771
AM Peak	07:00 to 08:00	229	183
PM Peak	02:00 to 03:00	156	141

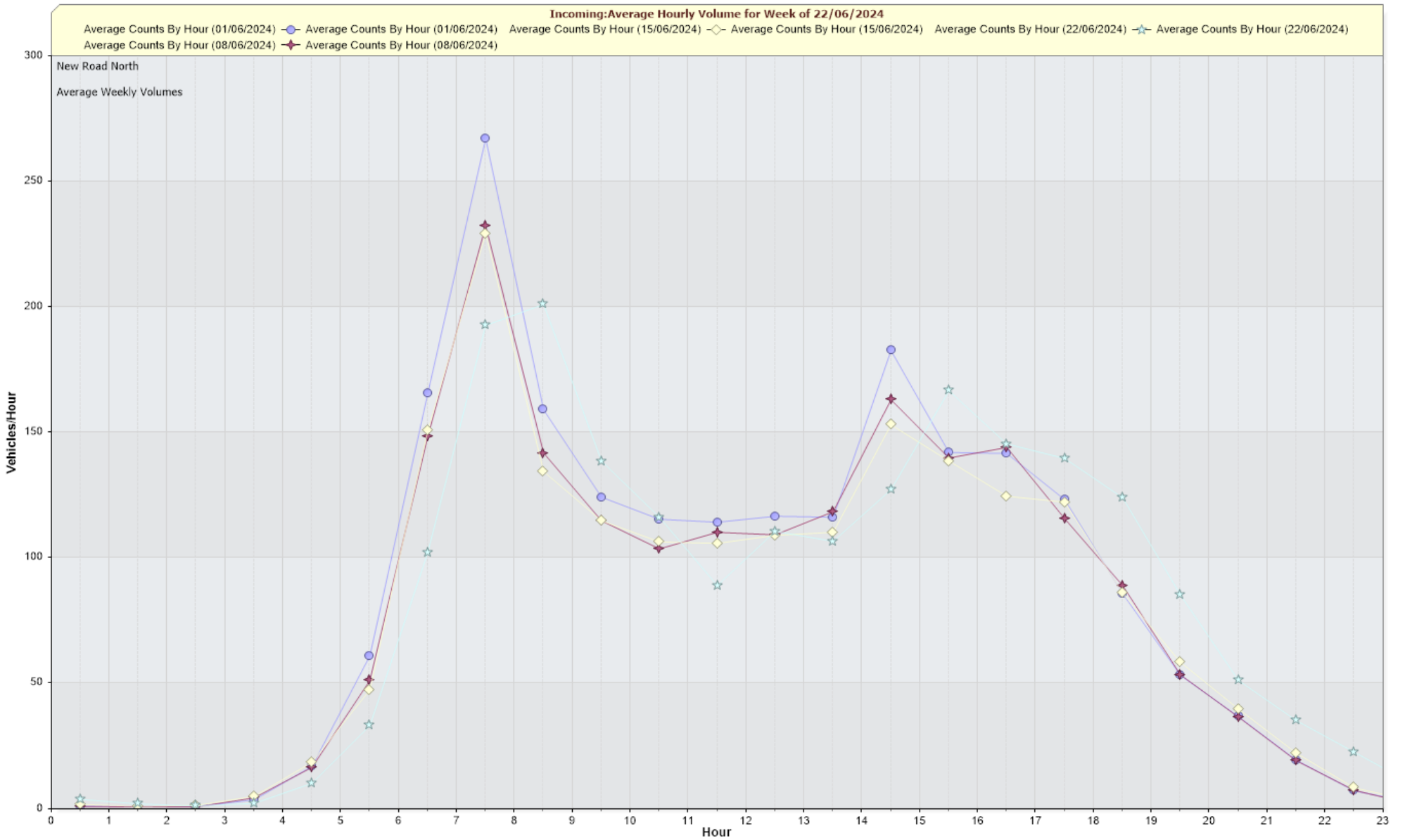
Speed

Speed Limit: 30 MPH
 85th Percentile Speed: 34.7 MPH
 50th Percentile Speed: 29.1 MPH
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
 Average Speed: 29.2 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3405	3408	3166	3221	3196	2613	2487
% over limit	44.4	43.1	39.5	40.7	40.3	43.6	46.4
Avg Speeder	34.4	34.5	34.4	34.5	34.4	34.6	34.5



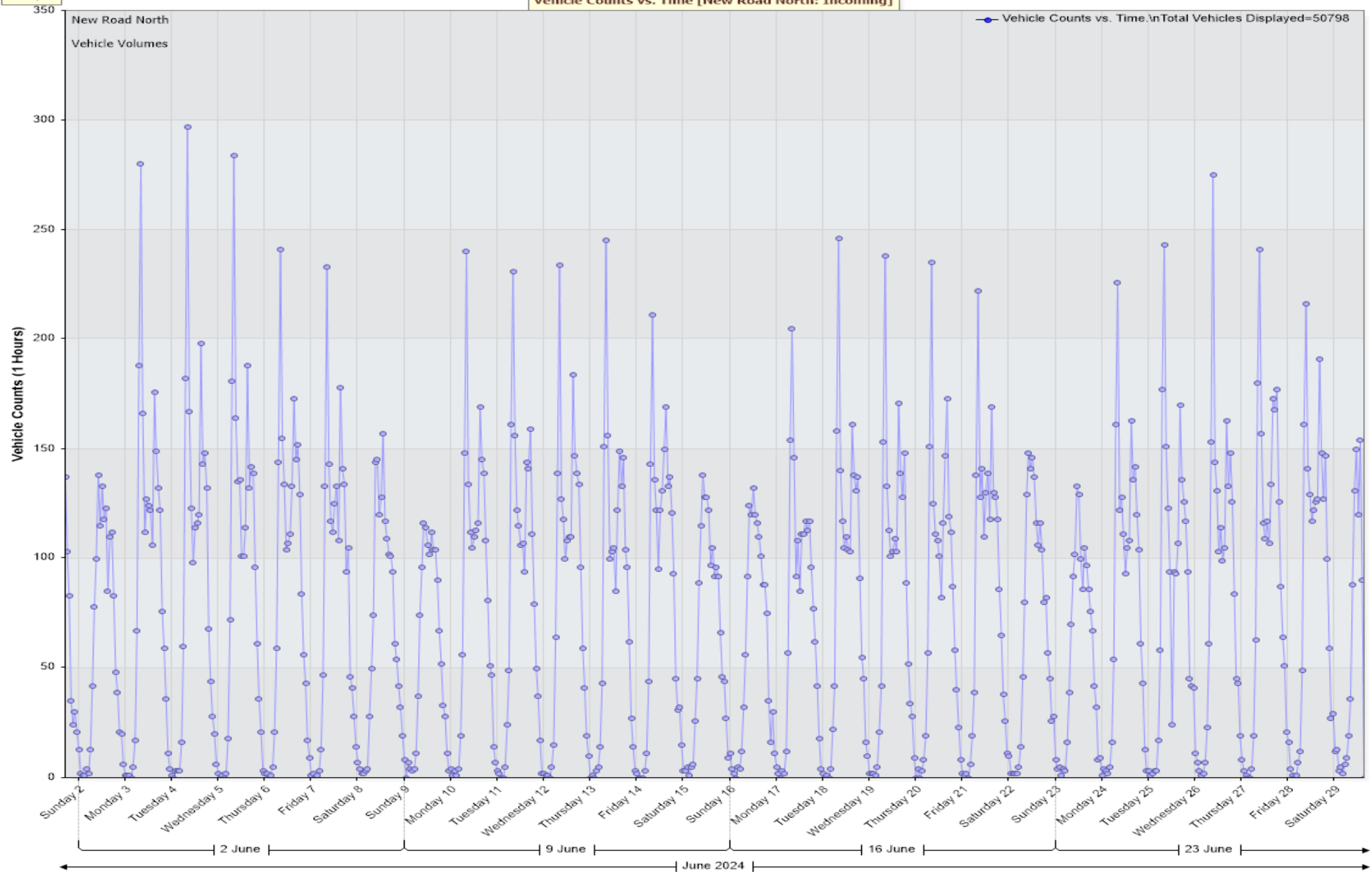
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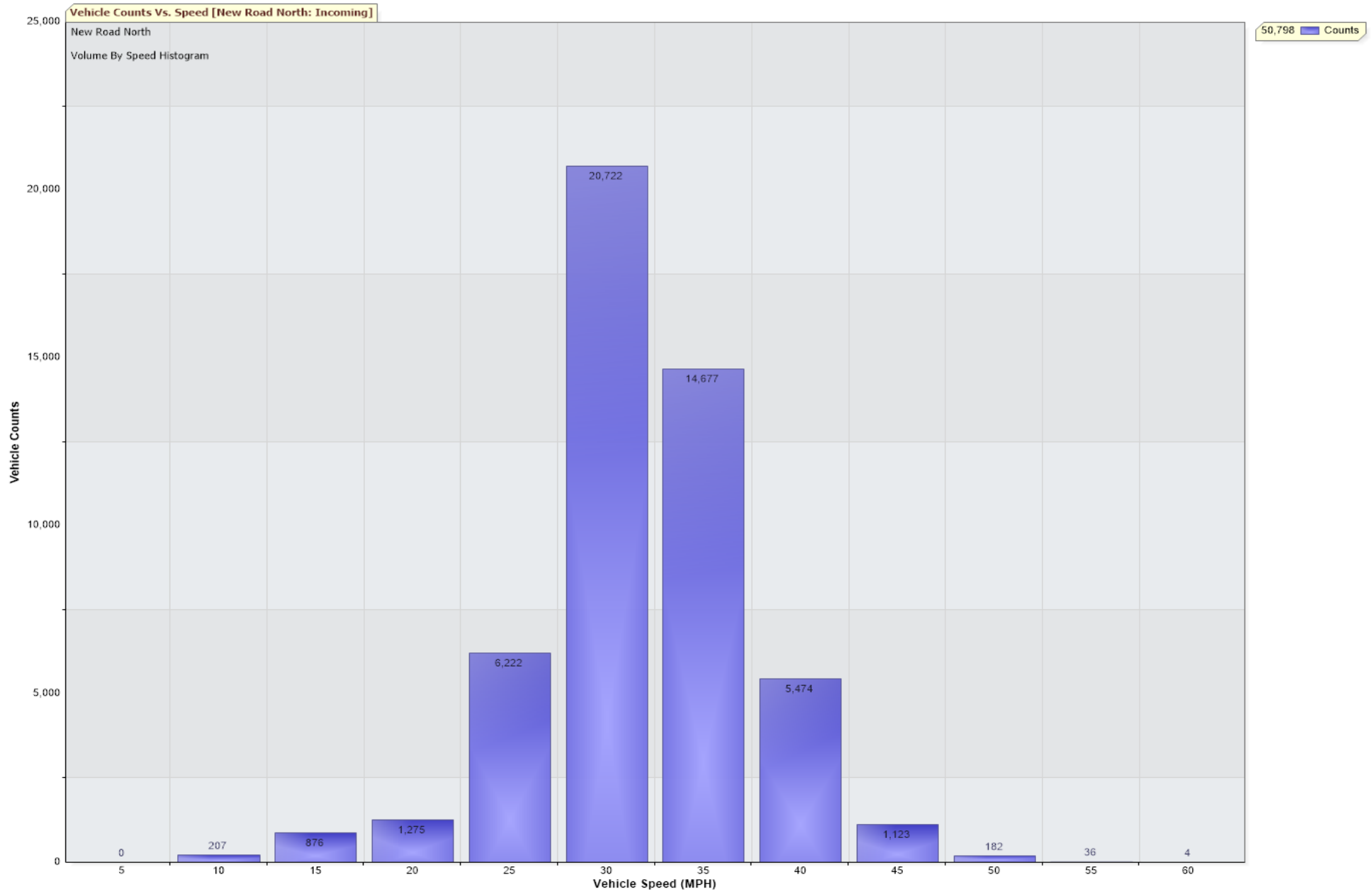


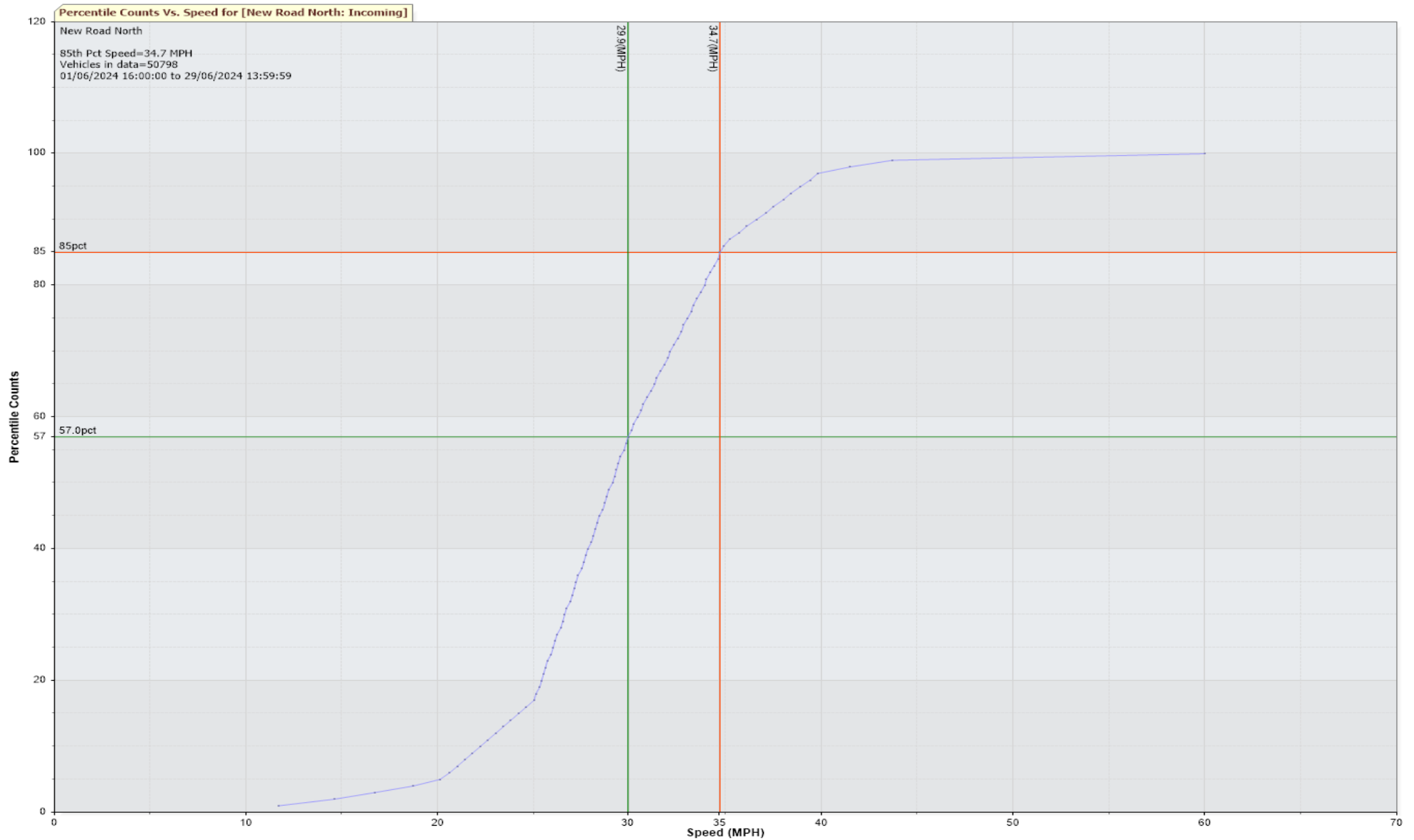
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.