

TRAFFIC ANALYSIS REPORT FOR FEBRUARY 2023

1. Southam Lane

This month saw an average of 2357 cars per day. The average speed of motorized vehicles was 30.5 mph. 85% of all vehicles were travelling slower than 36.1 mph. The worst speeding event we had occurred at 9:30am on the 13th February 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 no rain correction in this data.

For Project: Southam Lane West
Report Generated: 05/08/2023 09:25:50 AM
Speed Intervals = 5 MPH

Traffic Report From 06/02/2023 01:00:00 PM through 06/03/2023 01:59:59 PM

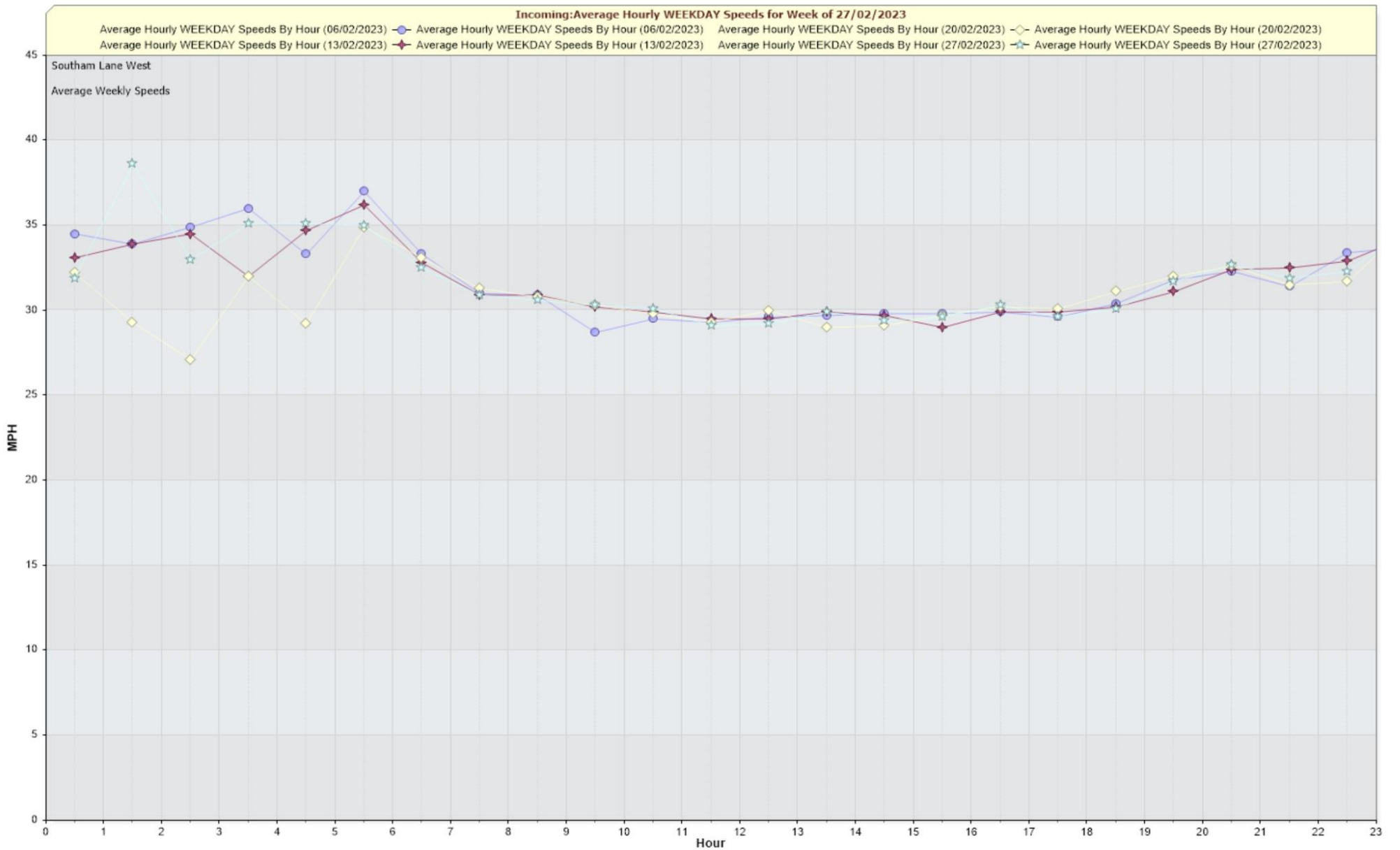
85th Percentile Speed = 36.1 MPH
85th Percentile Vehicles = 56,177 counts
Max Speed = 65.0 MPH on 13/02/2023 09:30:00
Total Vehicles = 66,091 counts
AADT: 2356.9

<u>Volumes - weekly vehicle counts</u>	Time	5 Day	7 Day
Average Daily		2,454	2,288
AM Peak	08:00 to 09:00	198	174
PM Peak	05:00 to 06:00	237	210

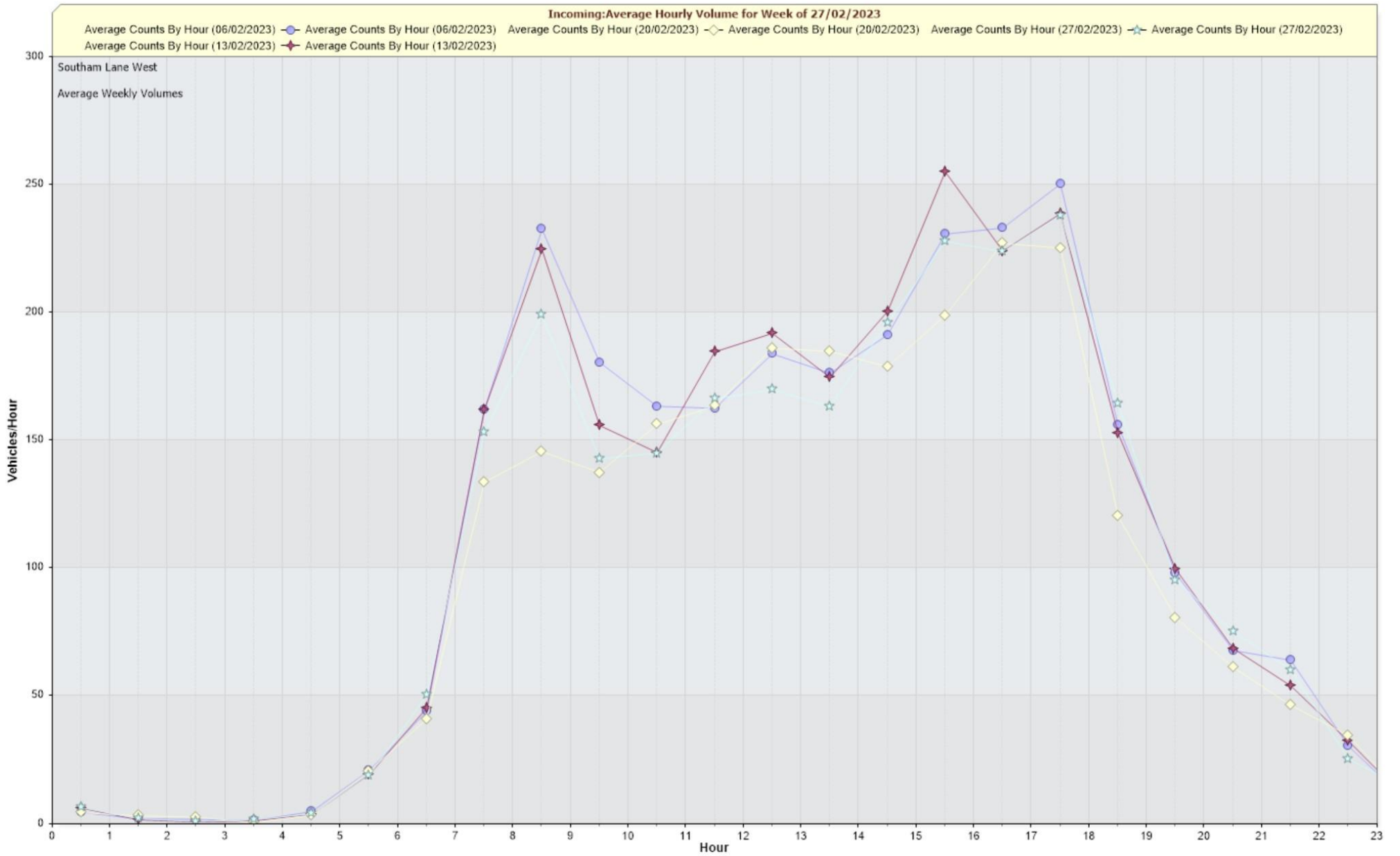
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 36.1 MPH
50th Percentile Speed: 30.1 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 30.5 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Count over limit	5081	5071	5000	5139	4870	4370
% over limit	50.4	49.6	48.2	49.6	48.3	53.7
Avg Speeder	34.8	34.8	34.8	34.7	34.8	34.9



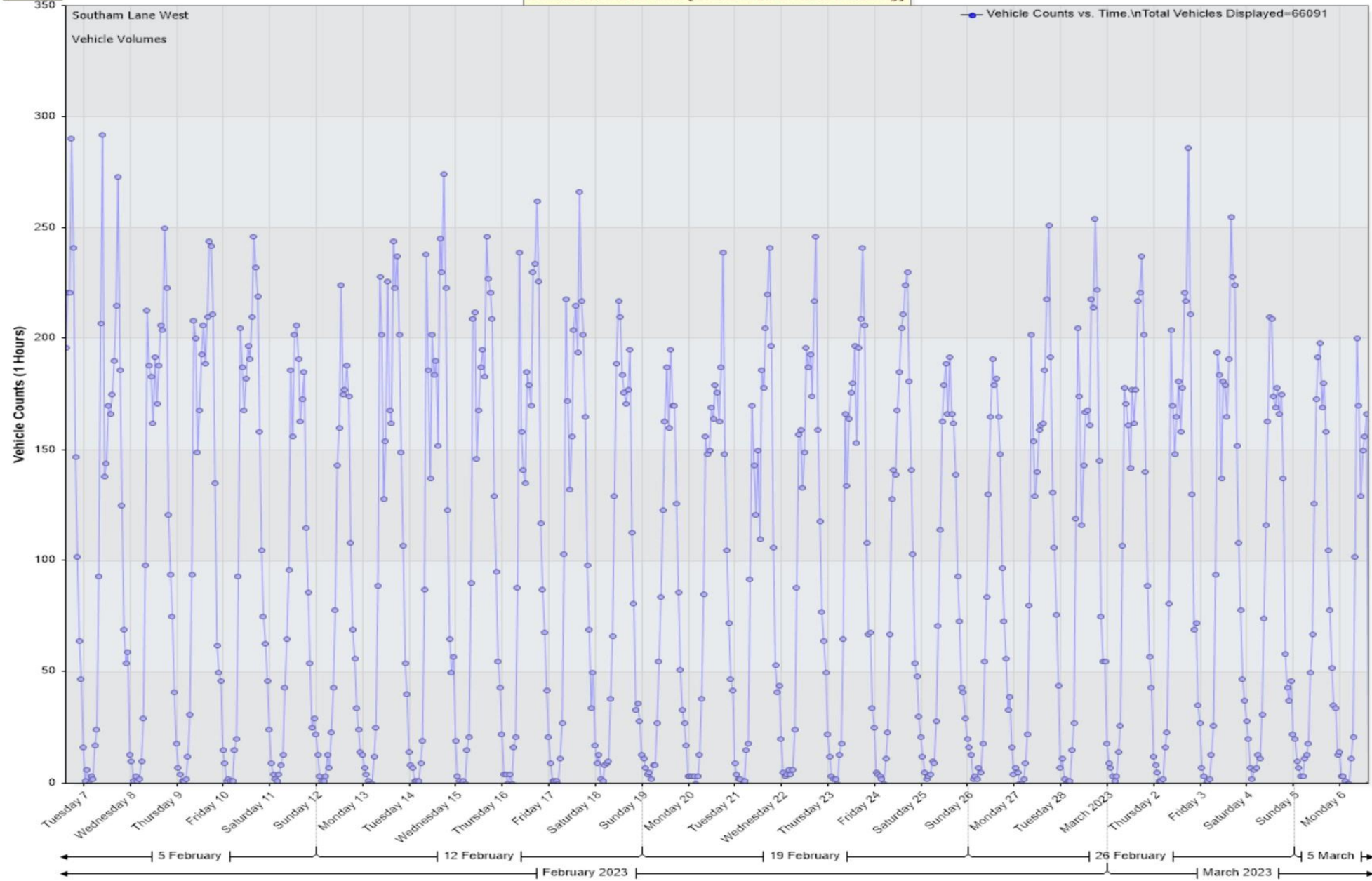
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

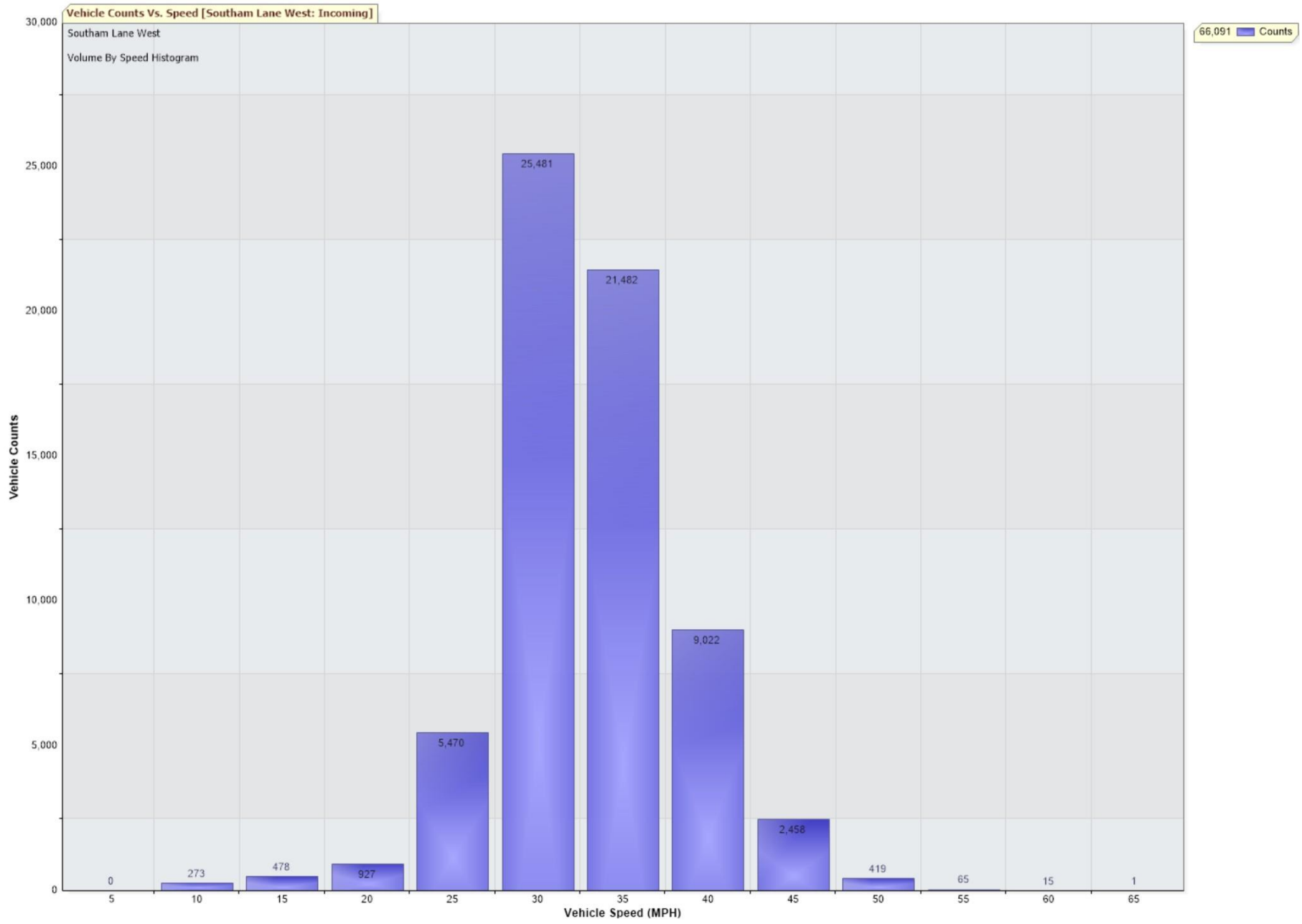


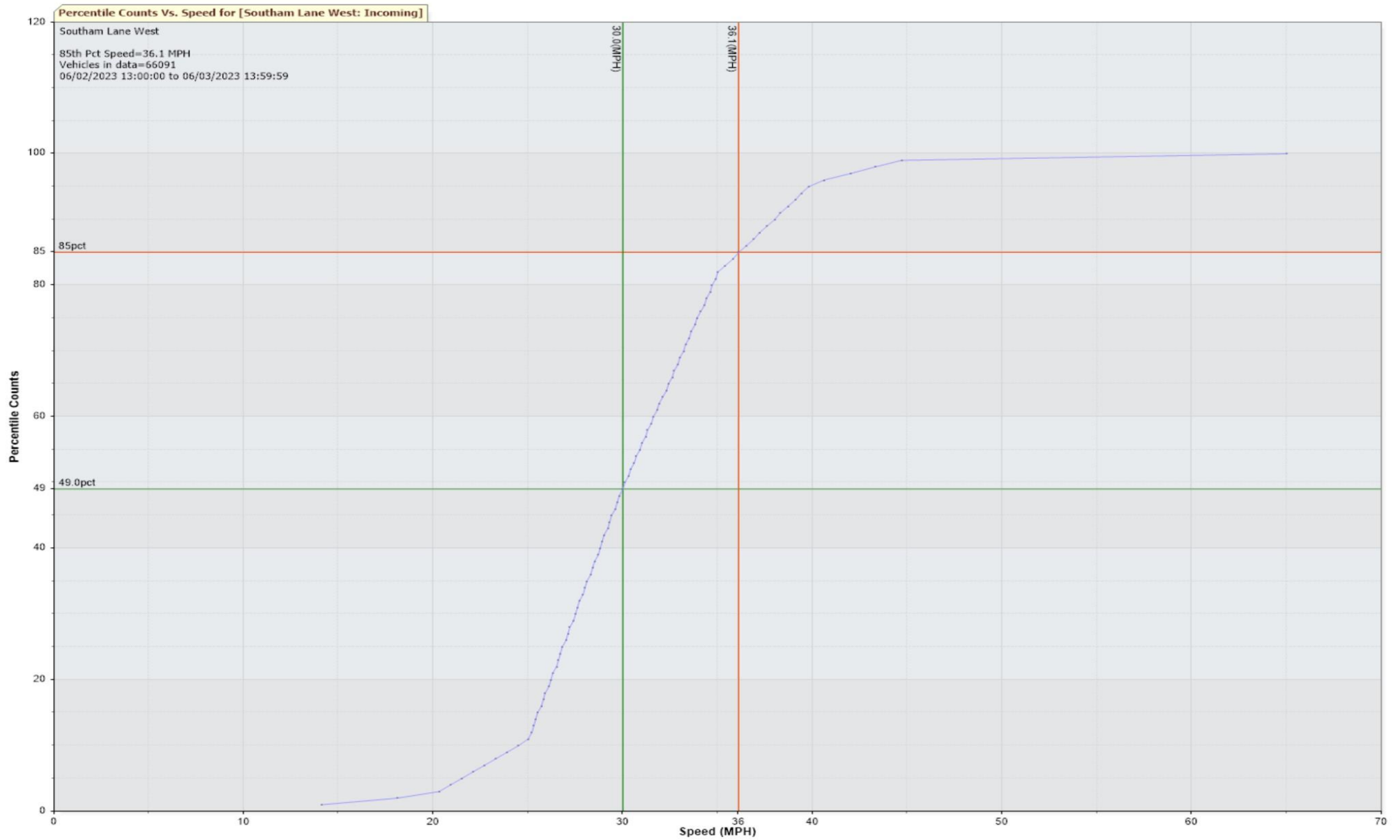
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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. New Road

This month saw an average of 1784 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 10:30pm on the 18th February 2023 when a vehicle was recorded travelling at 55 mph coming into the village. Traffic is travelling southwards on New Road. No rain correction required.

For Project: New Road North
 Report Generated: 04/08/2023 06:13:55 PM
 Speed Intervals = 5 MPH

Traffic Report From 18/02/2023 11:00:00 AM through 04/03/2023 01:59:59 PM

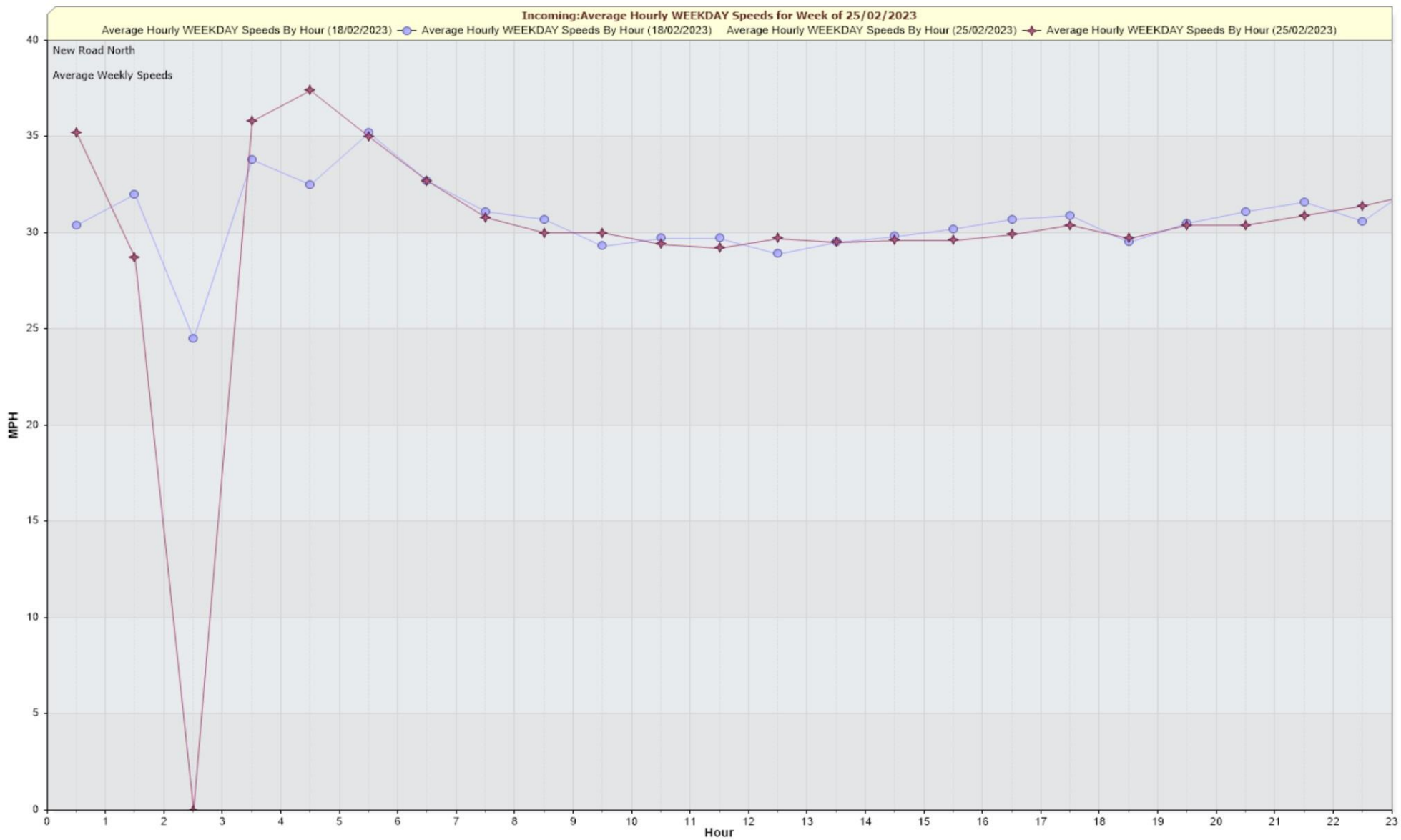
85th Percentile Speed = 35.8 MPH
 85th Percentile Vehicles = 21,423 counts
 Max Speed = 55.0 MPH on 18/02/2023 22:30:00
 Total Vehicles = 25,203 counts
 AADT: 1784.3

<u>Volumes - weekly vehicle counts</u>	Time	5 Day	7 Day
Average Daily		1,913	1,718
AM Peak	08:00 to 09:00	215	177
PM Peak	03:00 to 04:00	157	142

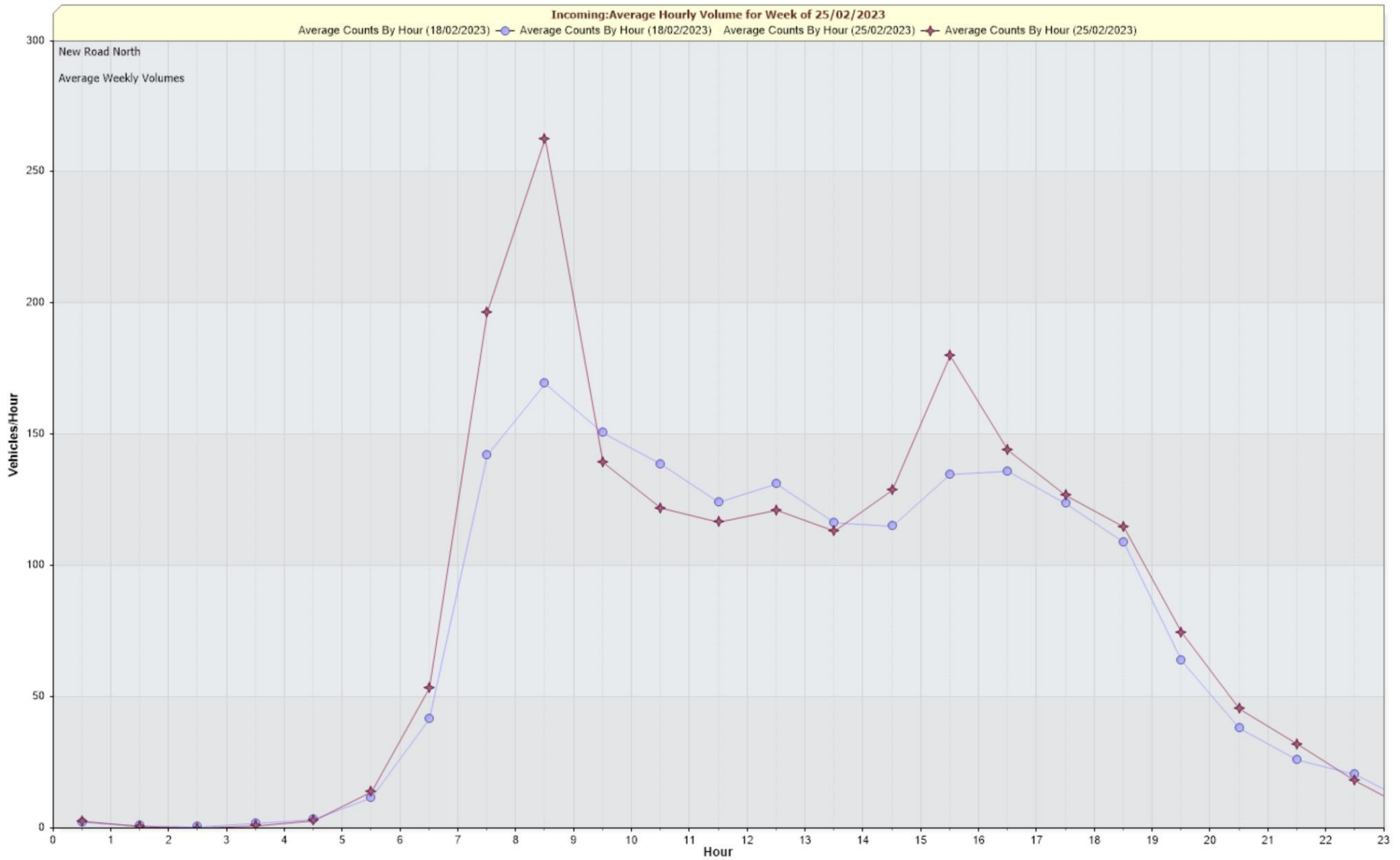
Speed

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: 30.2 MPH

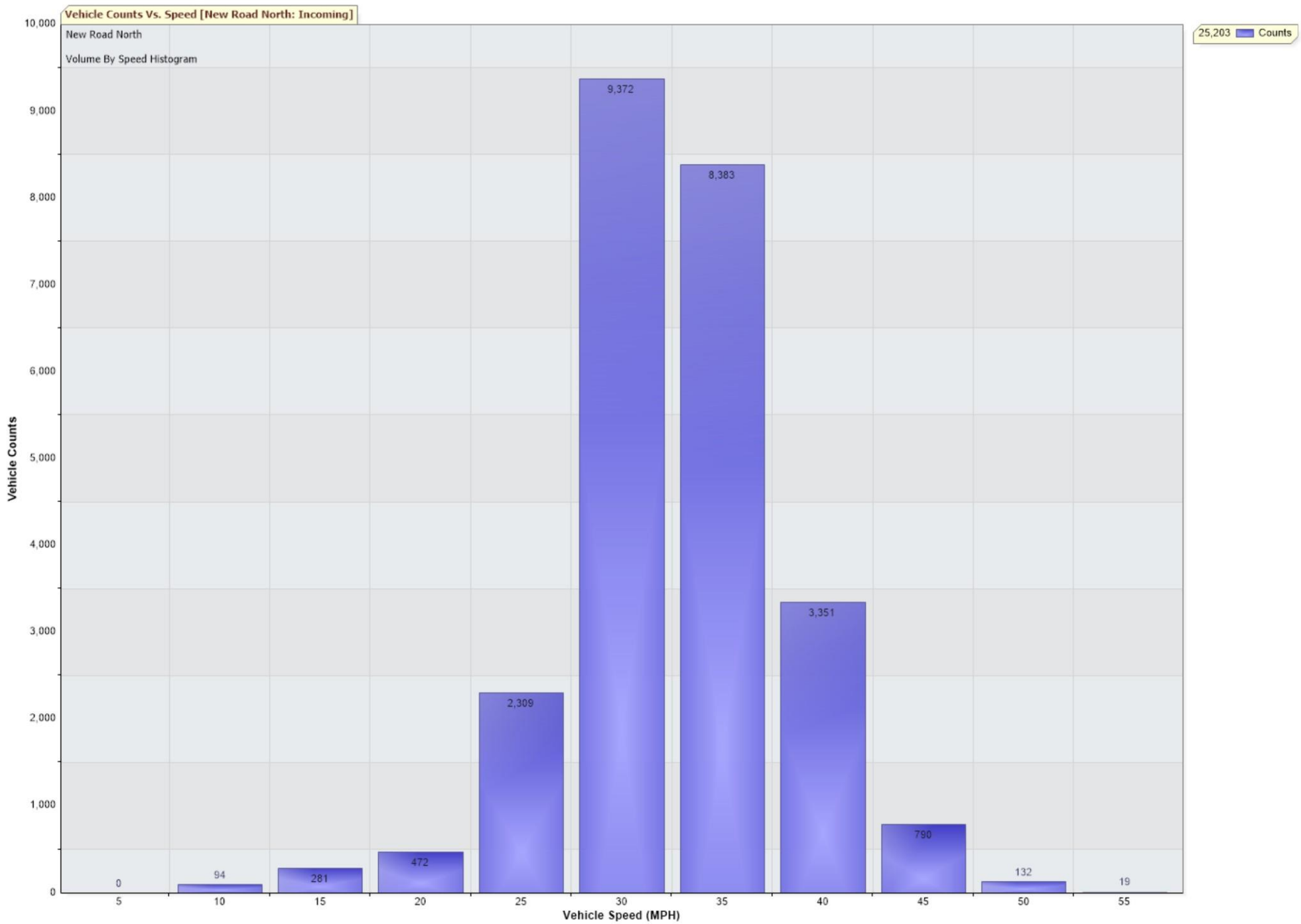
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Count over limit	1860	1885	1849	1972	1967	1768
% over limit	50.0	49.8	48.1	50.9	50.3	51.5
Avg Speeder	34.6	34.5	34.5	34.7	34.7	34.8

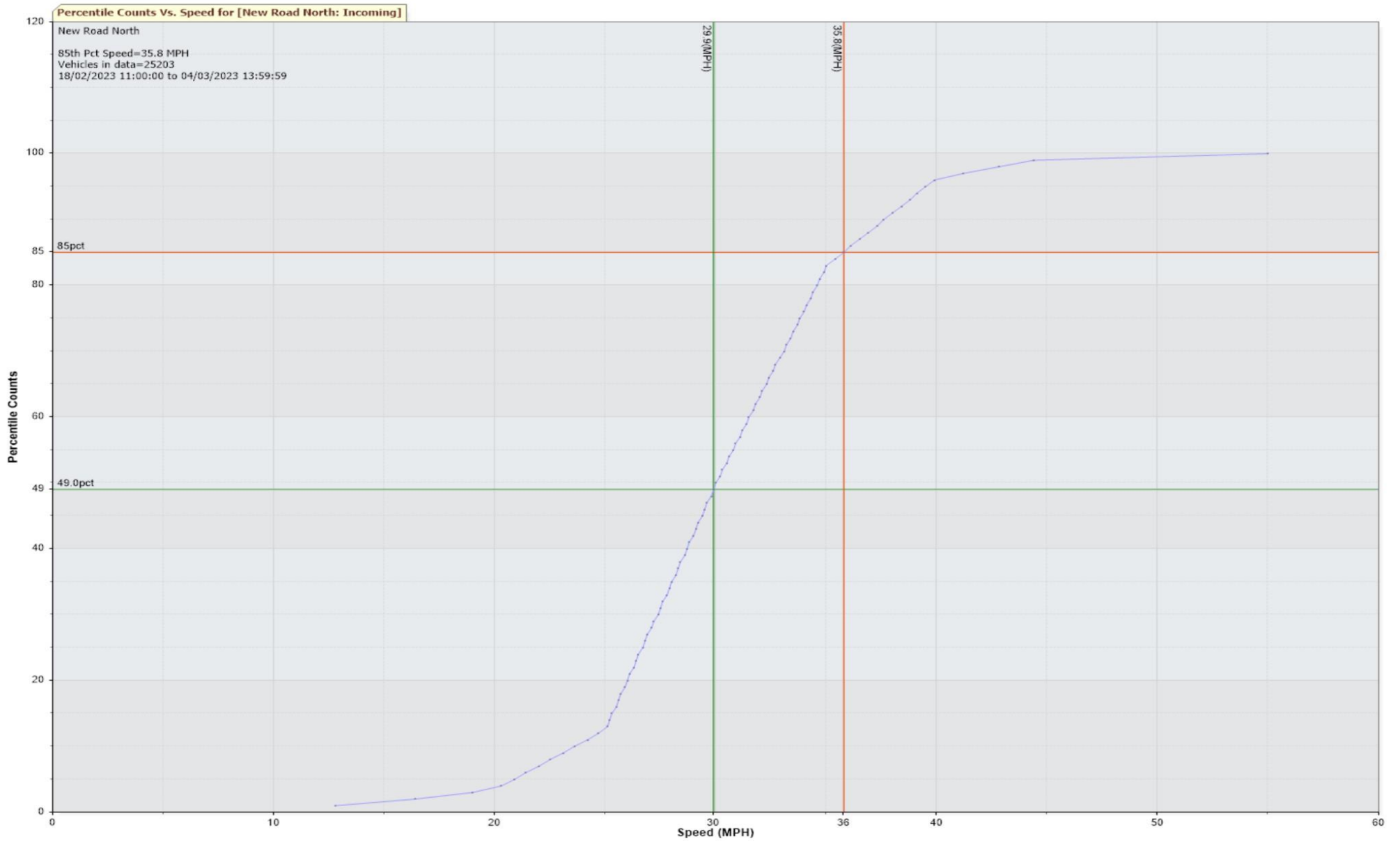


This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.



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





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.