

TRAFFIC ANALYSIS REPORT FOR July 2022

1. Southam Lane

Last month saw an average of 2300 cars per day. The average speed of motorized vehicles was 30.4 mph. 85% of all vehicles were travelling slower than 36.3 mph. The worst speeding event we had occurred at 04:00 pm on the 12th July 2022 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: 13/08/2022 01:07:31 PM
Speed Intervals = 5 MPH

Traffic Report From 01/07/2022 03:00:00 PM through 29/07/2022 07:59:59 PM

85th Percentile Speed = 36.3 MPH
85th Percentile Vehicles = 55,137 counts
Max Speed = 65.0 MPH on 12/07/2022 16:00:00
Total Vehicles =64,867 counts
AADT: 2299.6

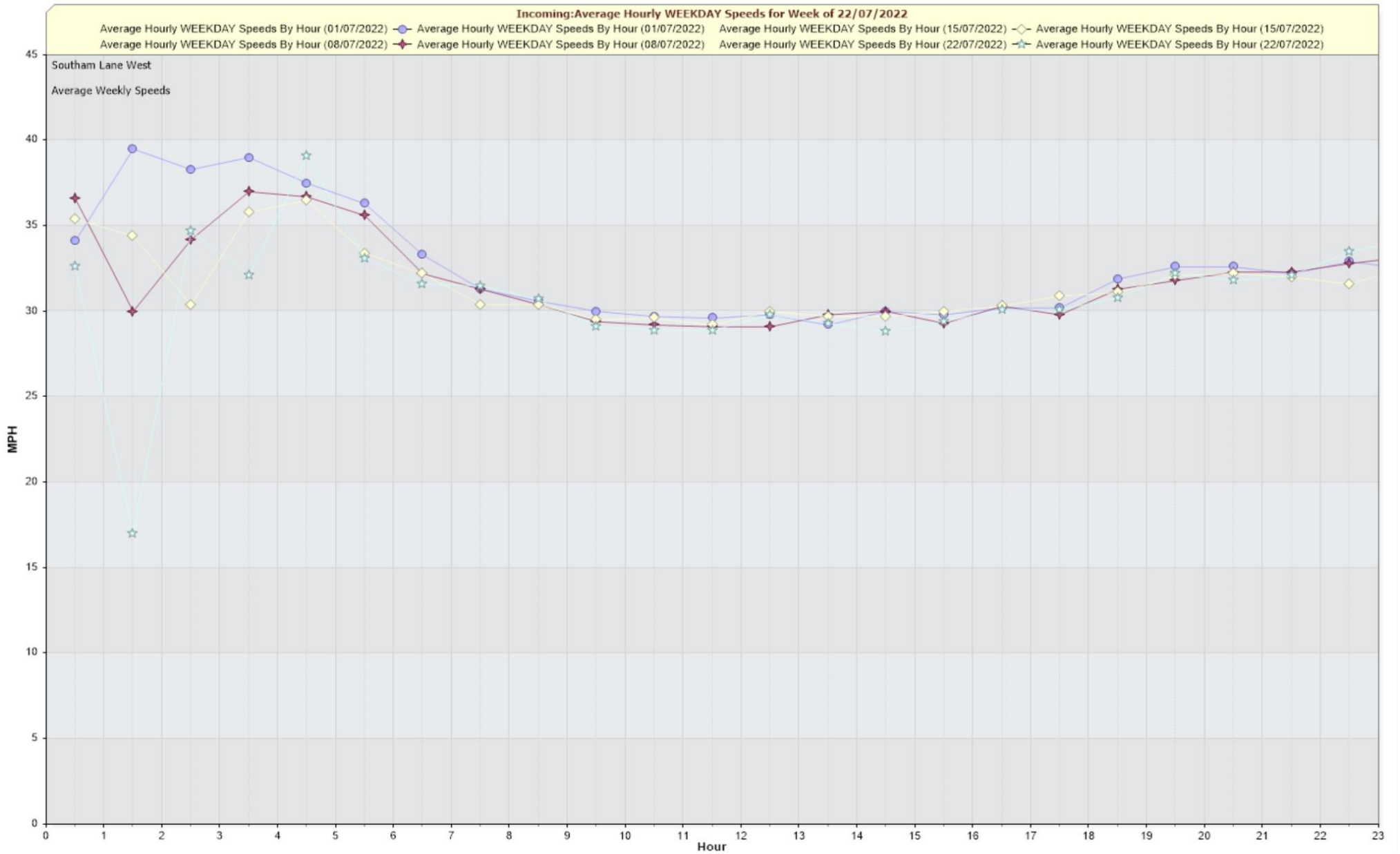
Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,316	2,239
AM Peak	08:00 to 09:00	163	181
PM Peak	04:00 to 05:00	204	185

Speed

Speed Limit: 30 MPH
85th Percentile Speed: 36.3 MPH
50th Percentile Speed: 30.2 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 30.4 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1798	1702	1738	1818	1930	1702	1309
% over limit	20.0	18.7	17.9	18.3	17.9	19.1	17.5
Avg Speeder	39.1	39.2	39.0	39.1	39.0	39.1	39.0



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.

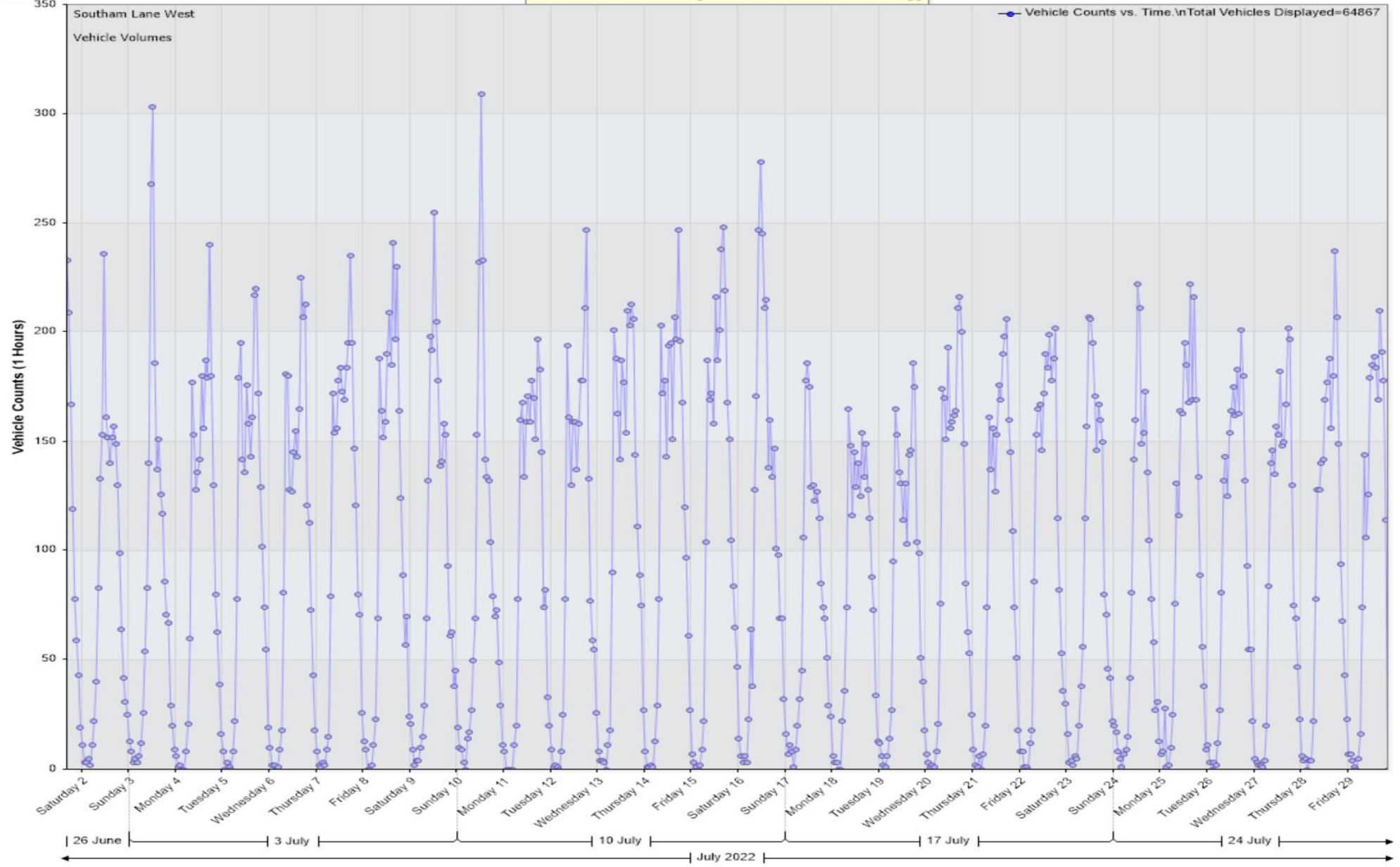
Incoming: Average Hourly Volume for Week of 22/07/2022

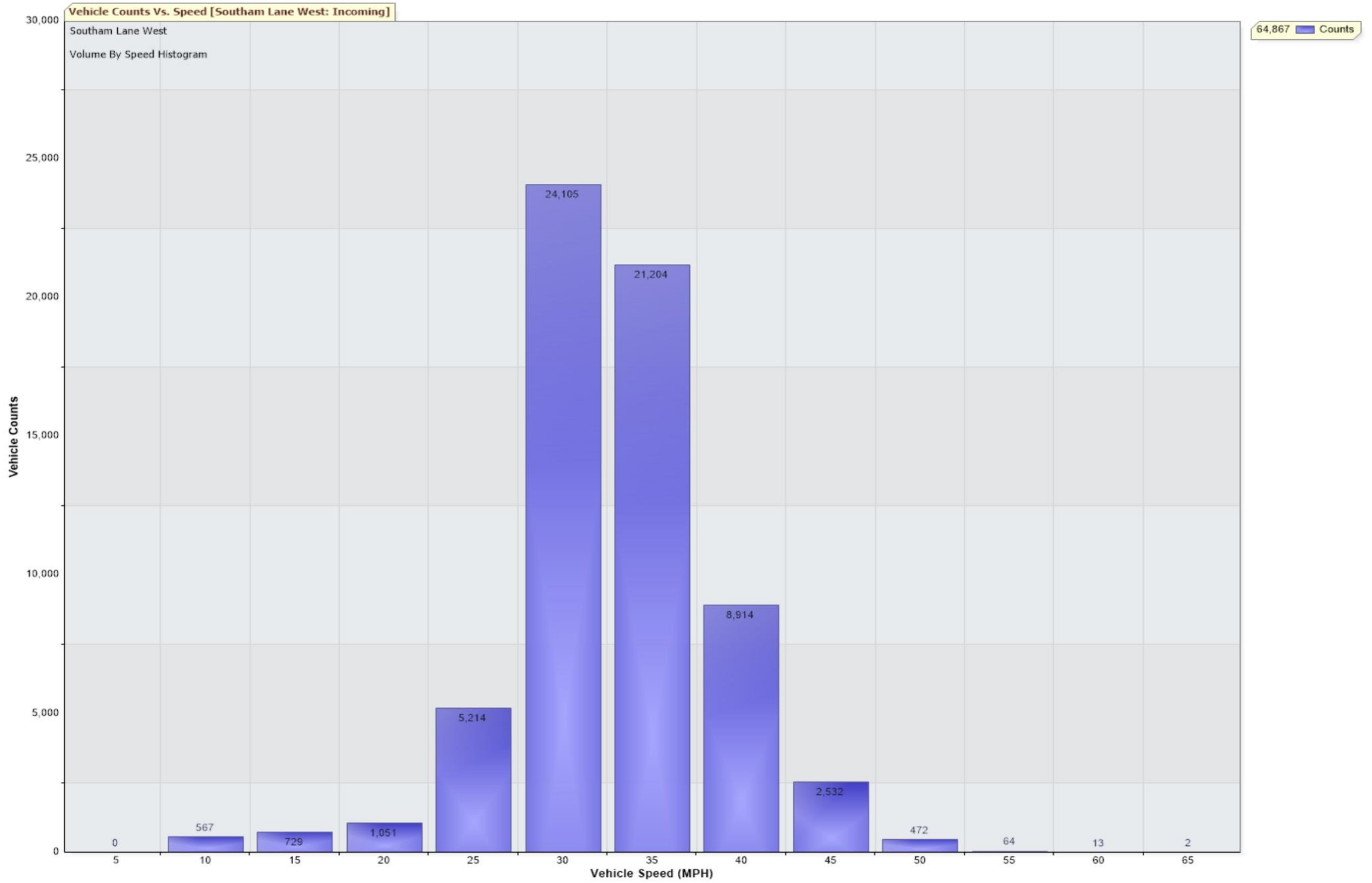


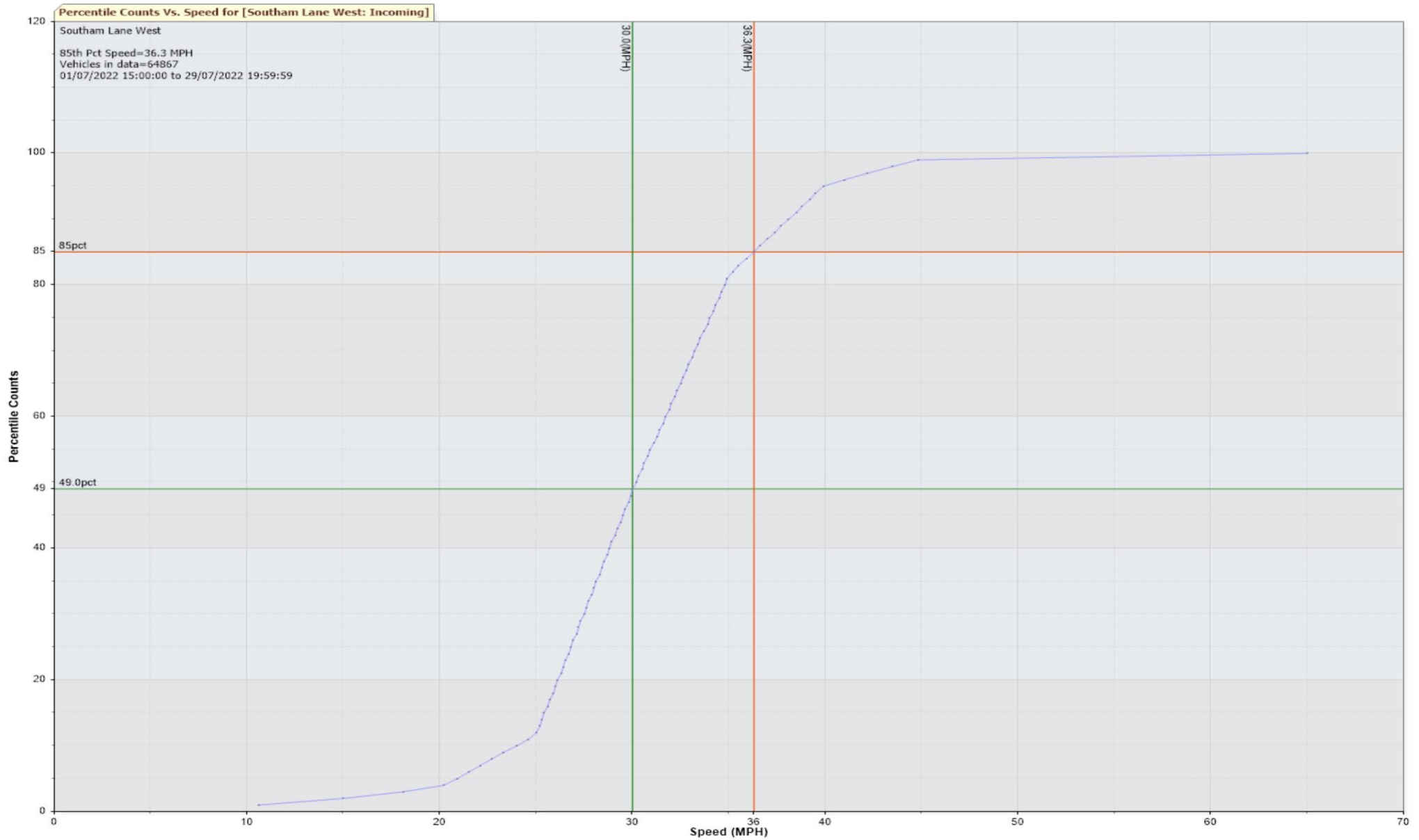
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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

Last month saw an average of 1754 cars per day. The average speed of motorized vehicles was 30.1 mph. 85% of all vehicles were travelling slower than 35.9 mph. The worst speeding event we had occurred at 06:30 pm on the 20th July 2022 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: 30/08/2022 05:33:18 AM
Speed Intervals = 5 MPH

Traffic Report From 01/07/2022 06:00:00 PM through 29/07/2022 06:59:59 PM

85th Percentile Speed = 35.9 MPH

85th Percentile Vehicles = 41,806 counts

Max Speed = 60.0 MPH on 20/07/2022 18:30:00

Total Vehicles =49,183 counts

AADT: 1753.9

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,772	1,706
AM Peak	07:00 to 08:00	230	190
PM Peak	02:00 to 03:00	161	144

Speed

Speed Limit: 30 MPH

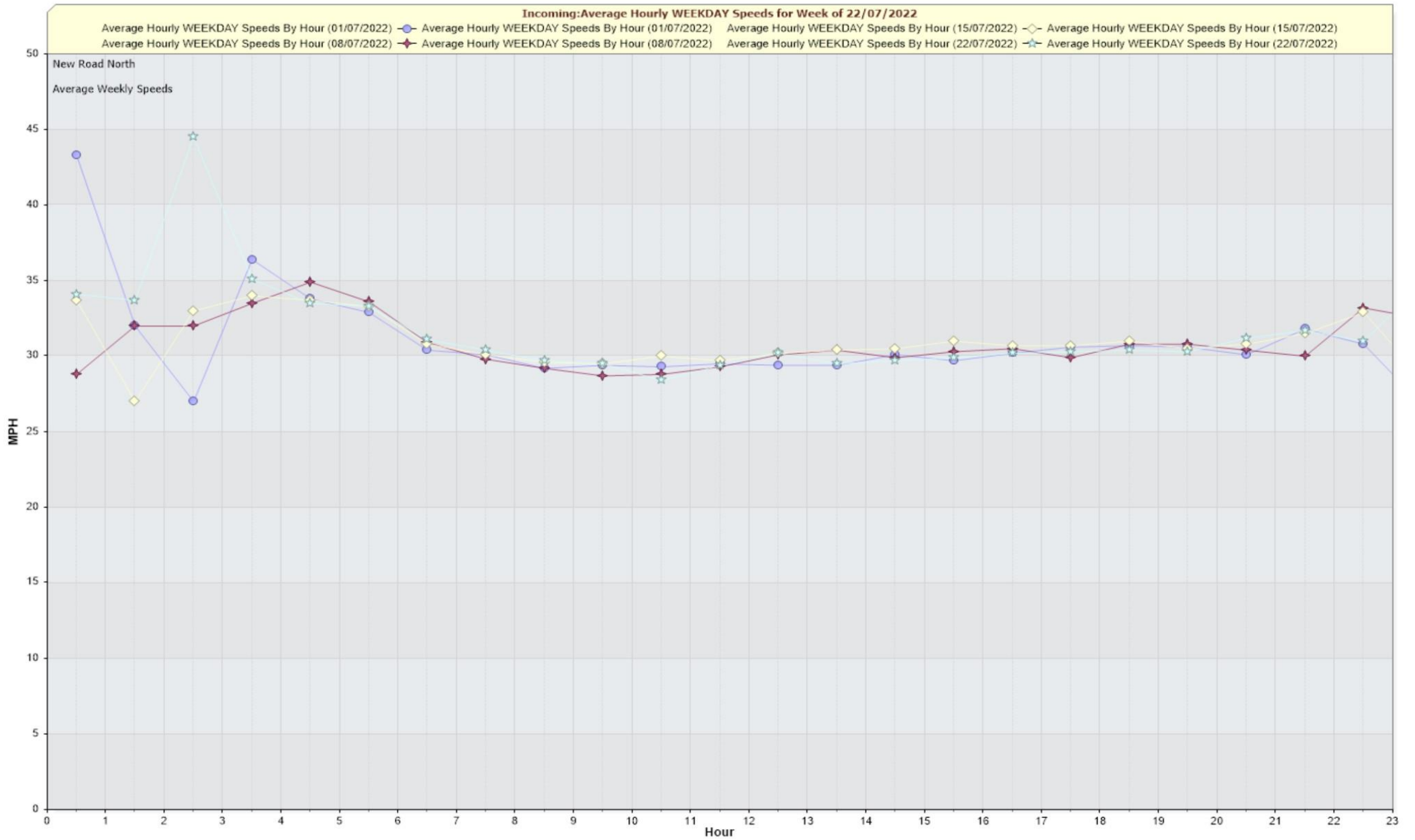
85th Percentile Speed: 35.9 MPH

50th Percentile Speed: 30.2 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	1368	1357	1489	1133	1139	1228	940
% over limit	18.4	17.7	18.0	17.4	16.5	18.5	16.5
Avg Speeder	38.7	38.7	38.8	38.6	38.6	38.7	38.7



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.

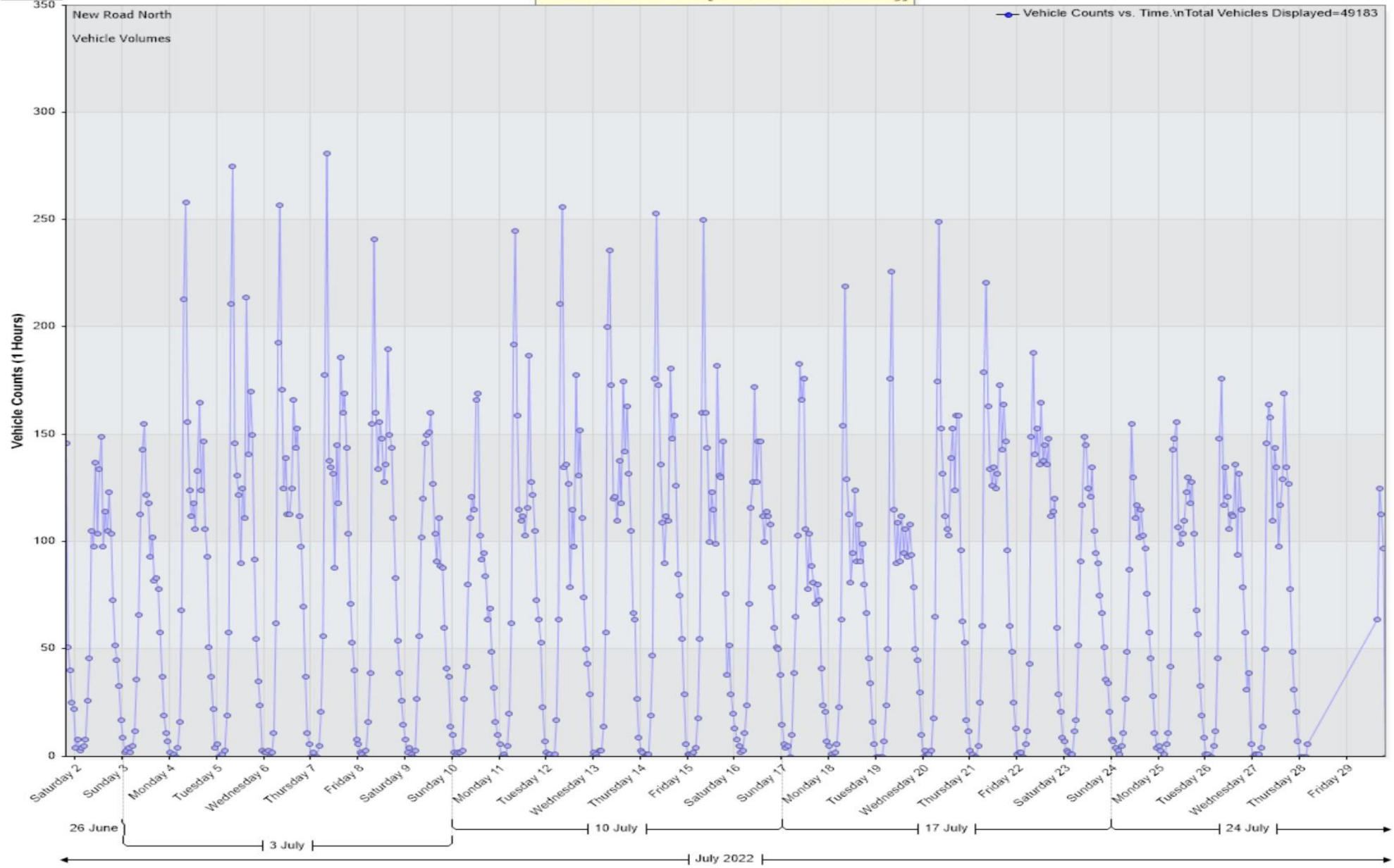
Incoming: Average Hourly Volume for Week of 22/07/2022

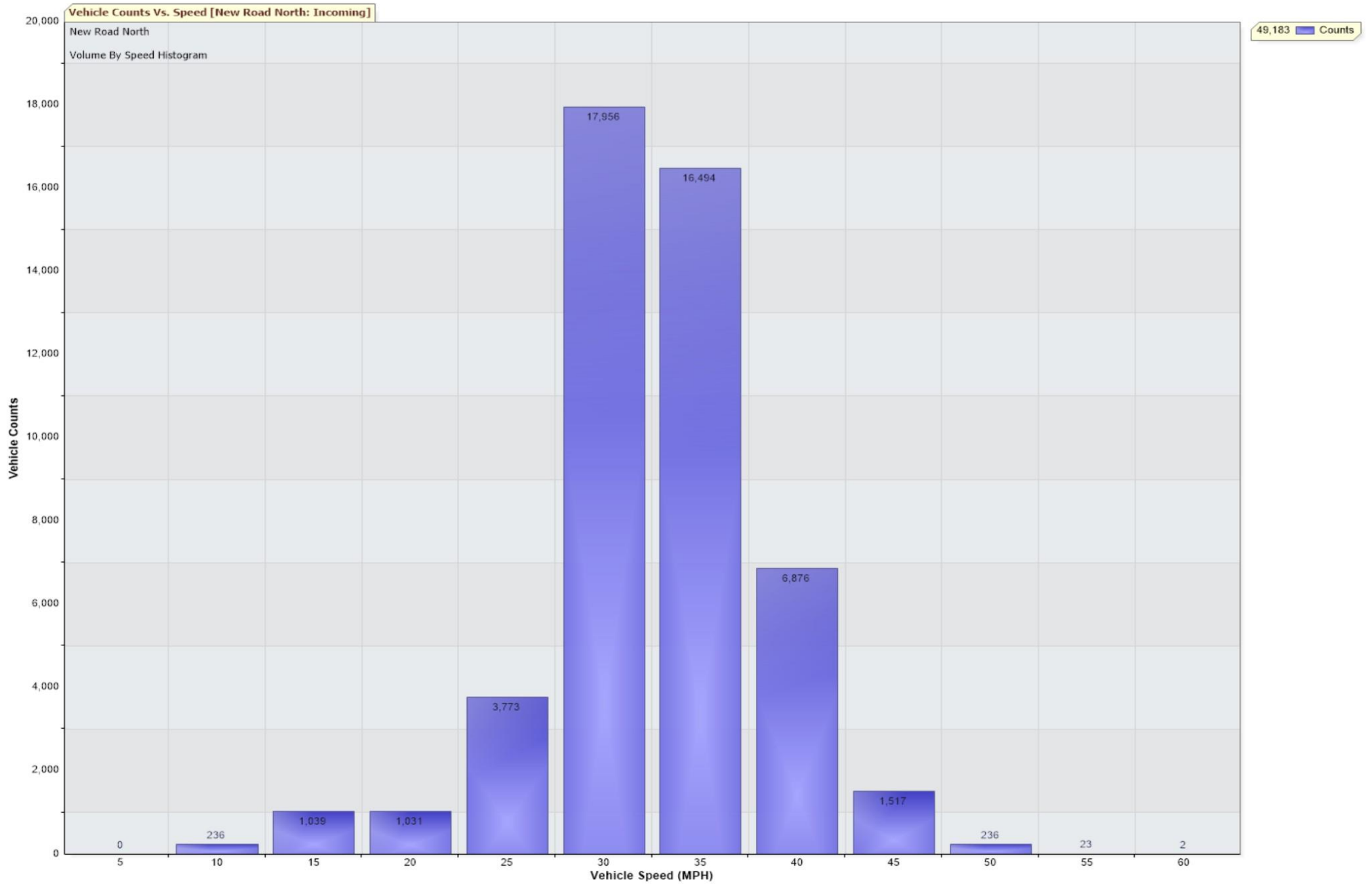


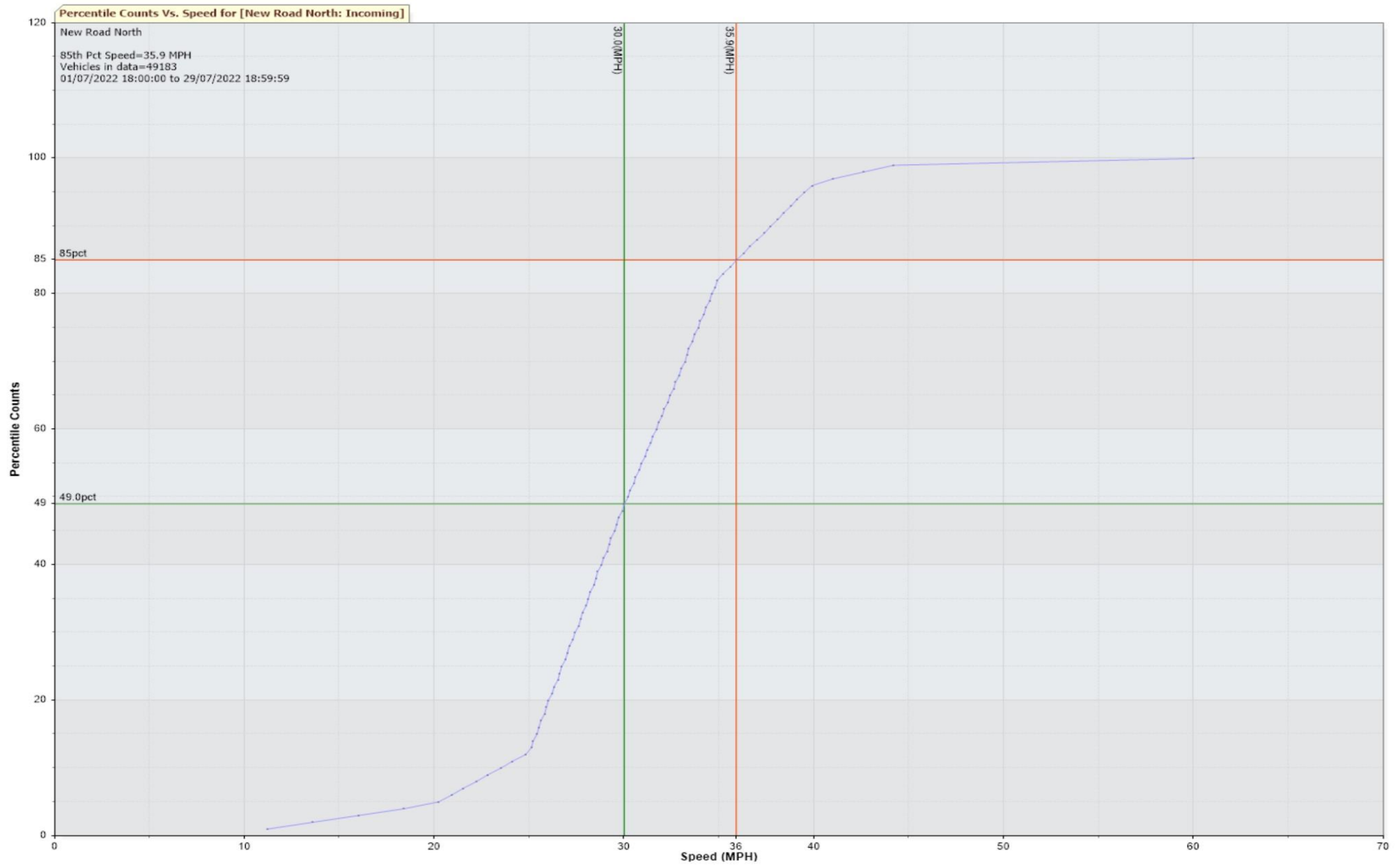
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.