

TRAFFIC ANALYSIS REPORT FOR DECEMBER 2022

1. Southam Lane

This month saw an average of 2010 cars per day. The average speed of motorized vehicles was 30.1 mph. 85% of all vehicles were travelling slower than 35.0 mph. The worst speeding event we had occurred at 2.15 pm on the 2nd of December 2022 when a vehicle was recorded travelling at 70 mph coming into the village passing the entrance to Manor Courtyard. Traffic is travelling eastwards on Southam Lane. There is a 2.4% rain correction in this data.

For Project: Southam Lane West
Projects Notes/Address:
Report Generated: 19/02/2023 04:01:23 PM
Speed Intervals = 5 MPH

Traffic Report From 28/11/2022 11:00:00 AM through 02/01/2023 12:59:59 PM

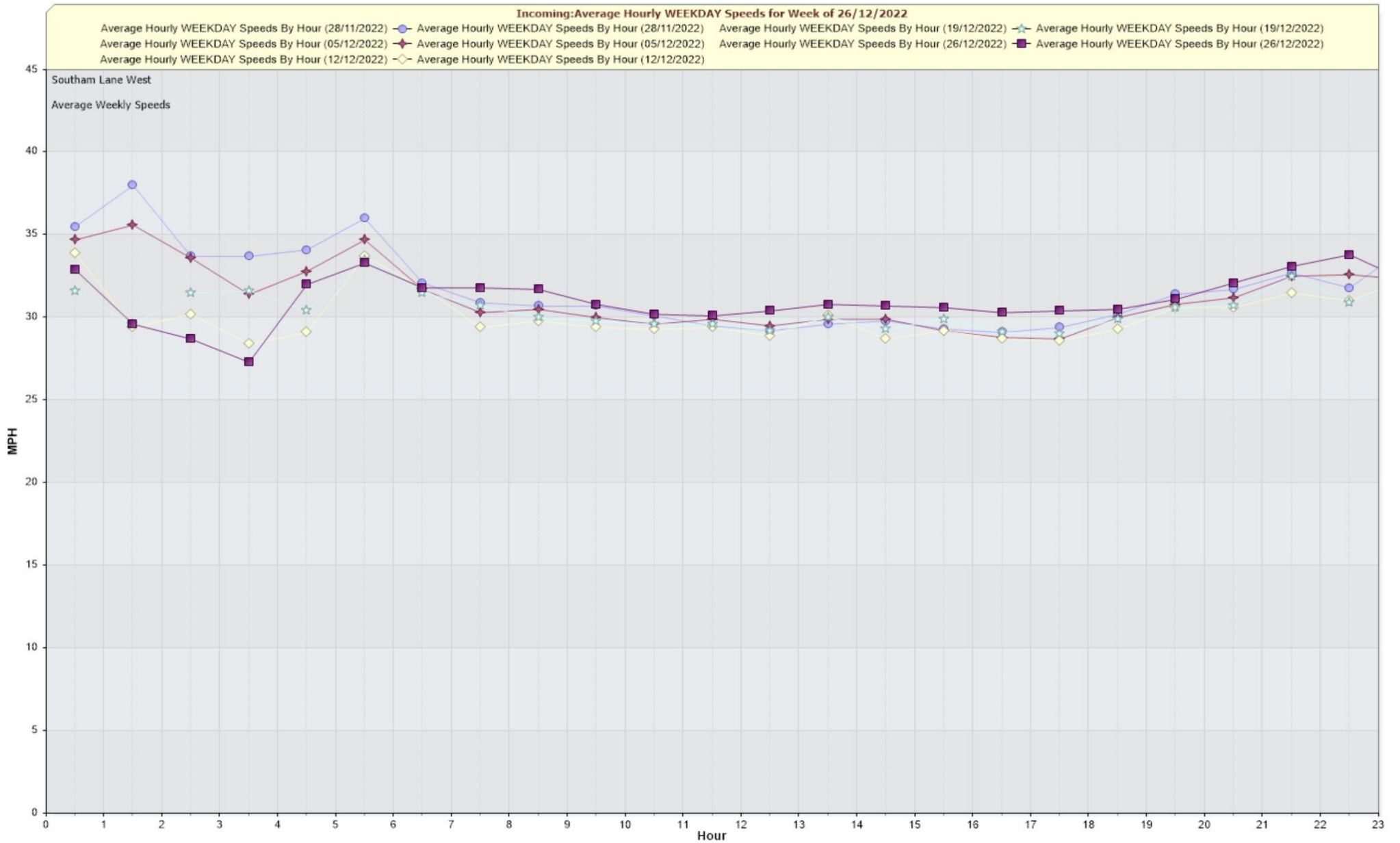
85th Percentile Speed = 35.0 MPH
85th Percentile Vehicles = 59,934 counts
Max Speed = 70.0 MPH on 02/12/2022 14:15:00
Total Vehicles =70,511 counts
AADT: 2009.8

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,107	1,968
AM Peak	11:00 to 12:00	158	152
PM Peak	03:00 to 04:00	213	207

Speed

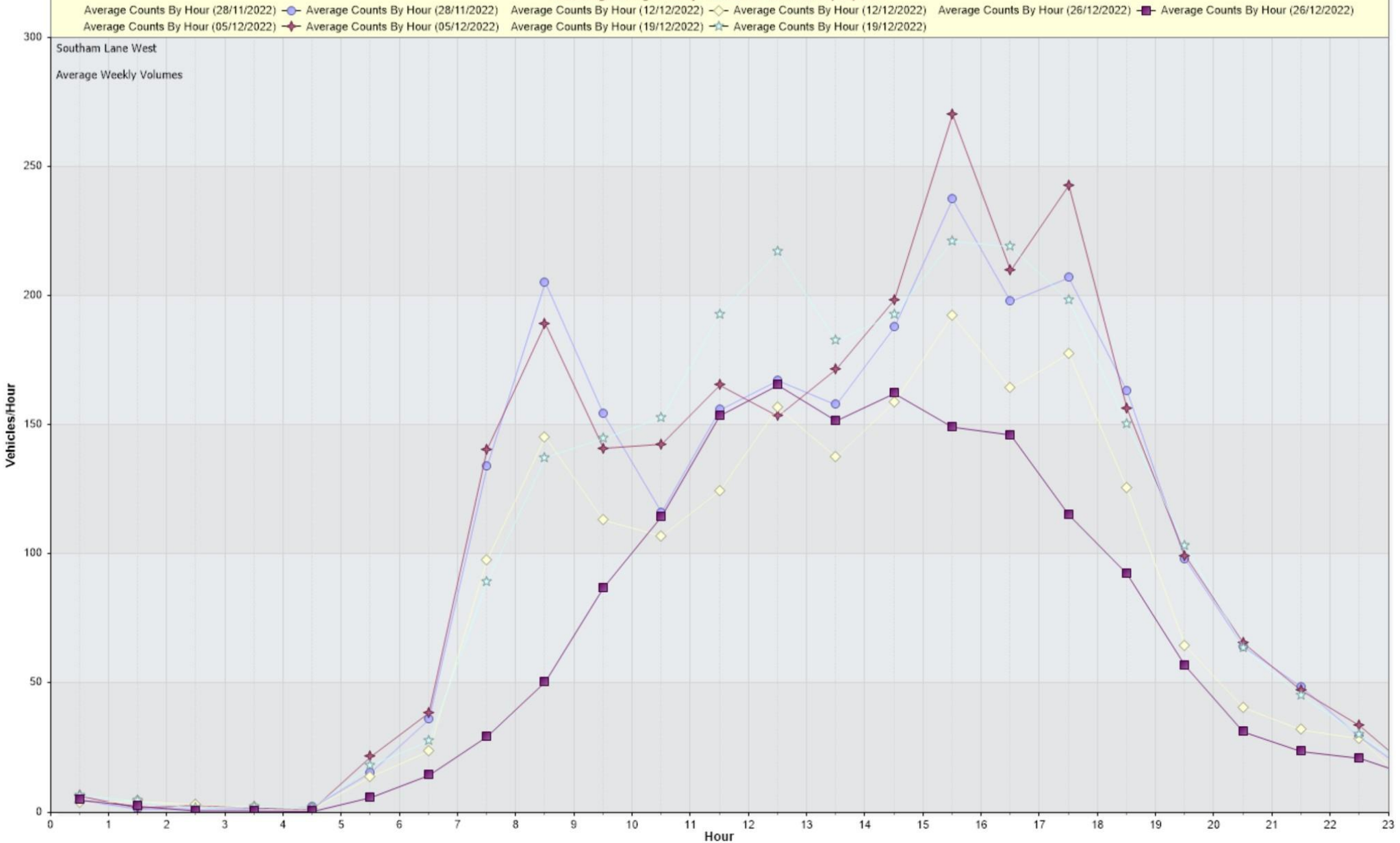
Speed Limit: 30 MPH
85th Percentile Speed: 35.0 MPH
50th Percentile Speed: 29.8 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH (Interval with the most cars)
Average Speed: 30.1 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Comments
Count over limit	4653	4971	5256	5567	5525	4914	3294	Totals over 4 days
% over limit	48.4	47.5	47.6	48.9	46.9	52.8	47.7	Average 48.5% over the period
Avg Speeder	34.5	34.4	34.4	34.5	34.3	34.6	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.

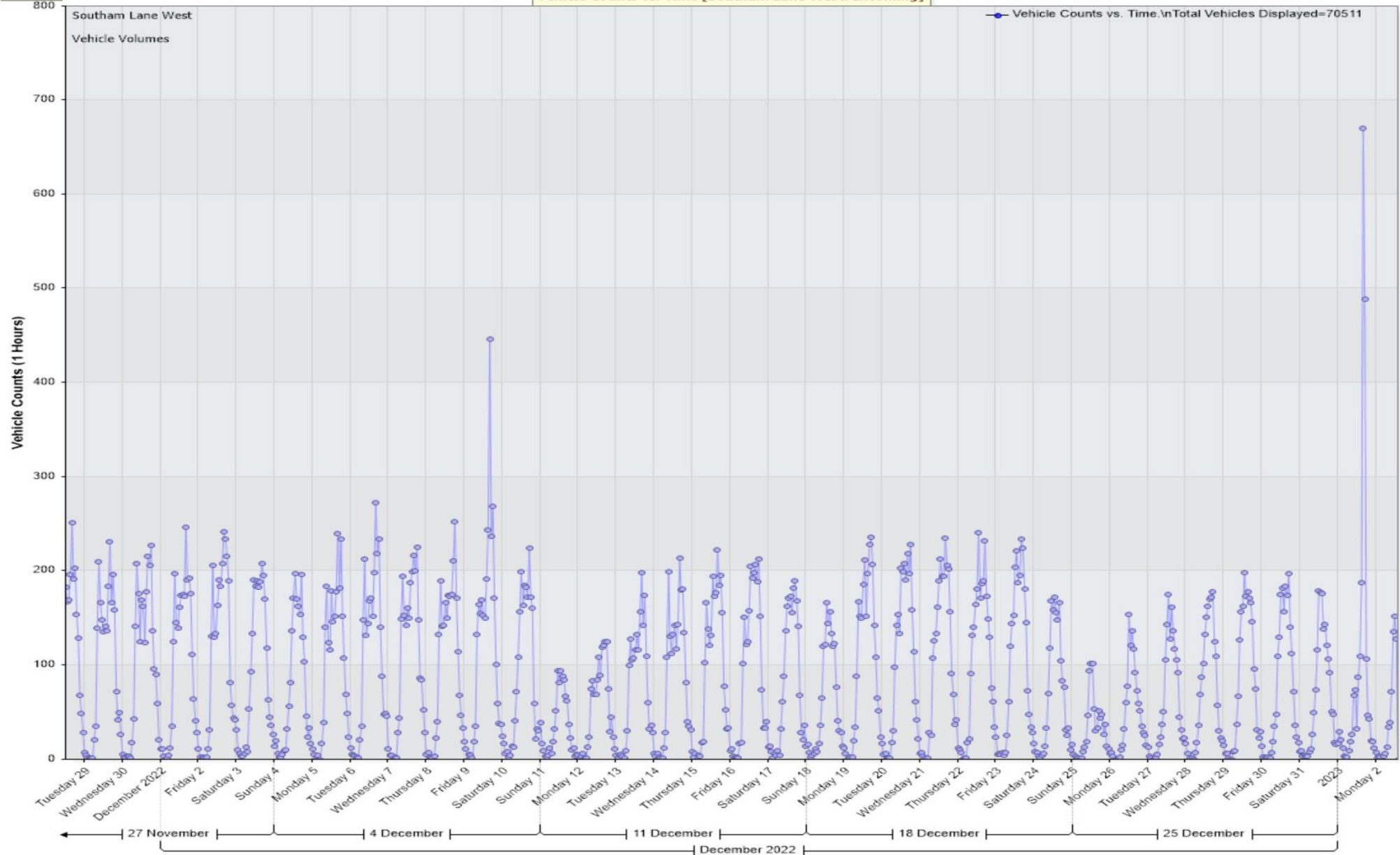
Incoming: Average Hourly Volume for Week of 26/12/2022

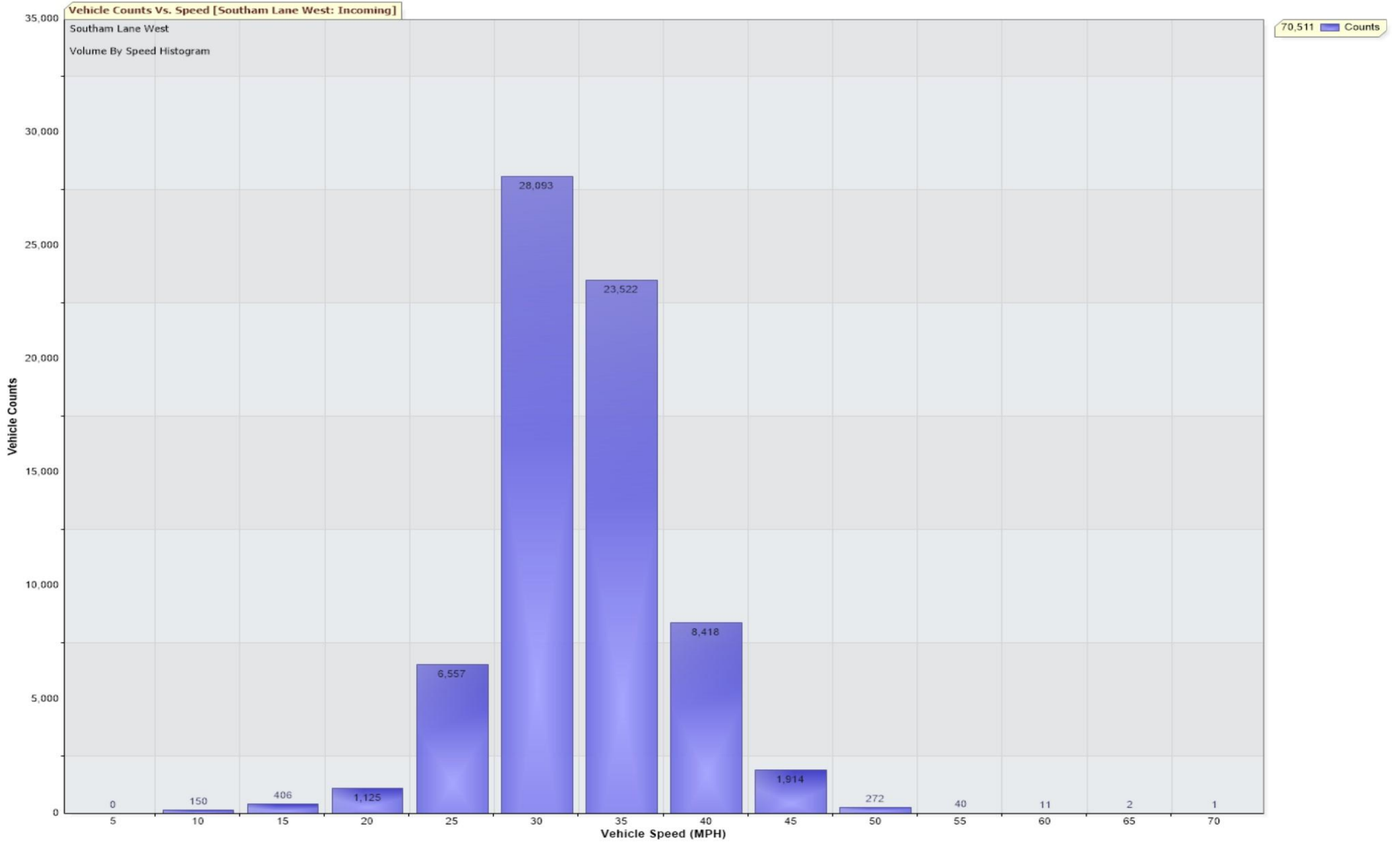


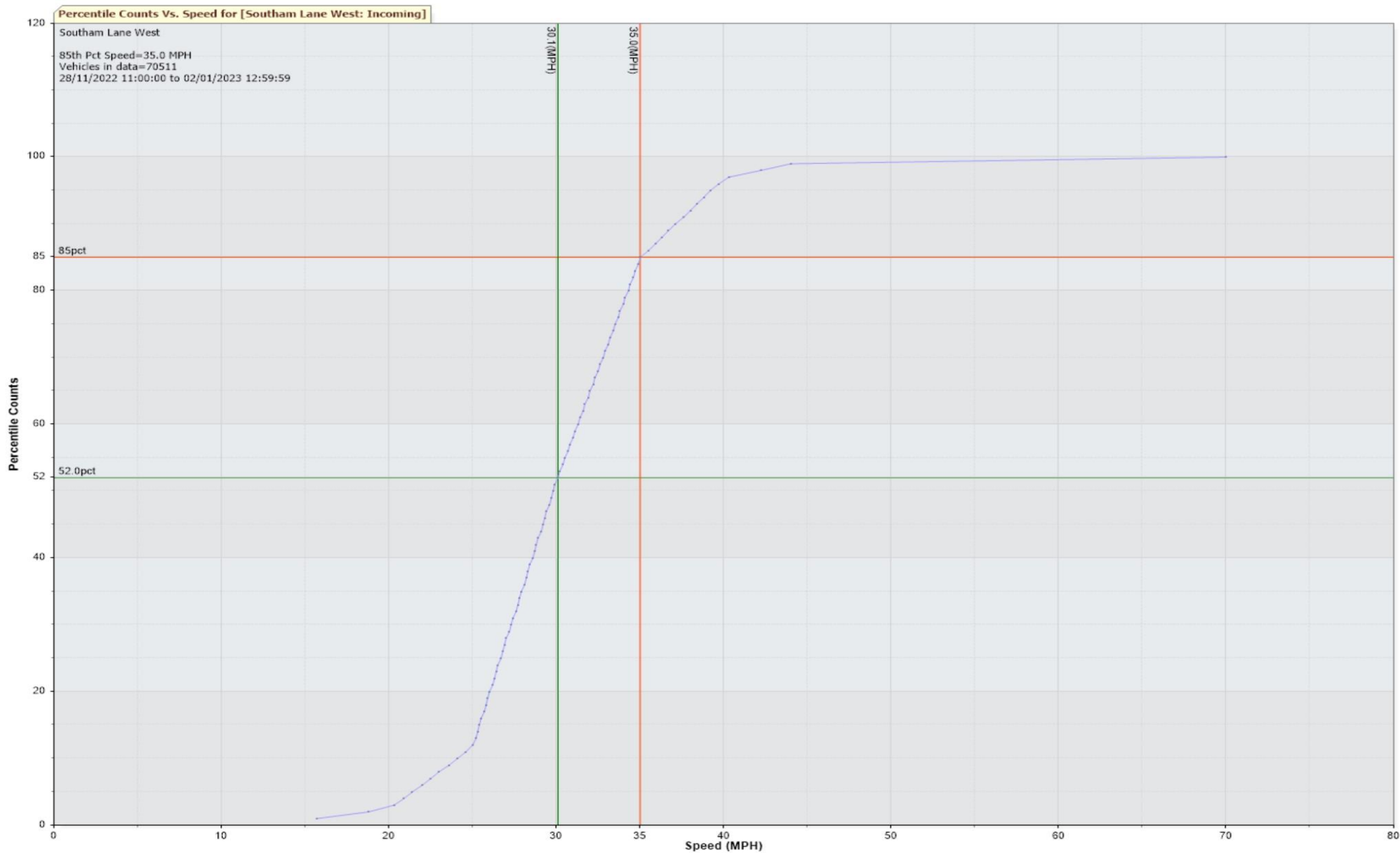
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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

This month saw an average of 1632 cars per day. The average speed of motorized vehicles was 29.4 mph. 85% of all vehicles were travelling slower than 34.5 mph. The worst speeding event we had occurred at 3.30am on the 17th December 2022 when a vehicle was recorded travelling at 55 mph going out of the village. Traffic is travelling southwards on New Road. No rain correction required.

For Project: New Road North
 Location/Name: Incoming
 Report Generated: 16/02/2023 04:53:29 PM
 Speed Intervals = 5 MPH

Traffic Report From 07/12/2022 11:00:00 AM through 04/01/2023 12:59:59 PM

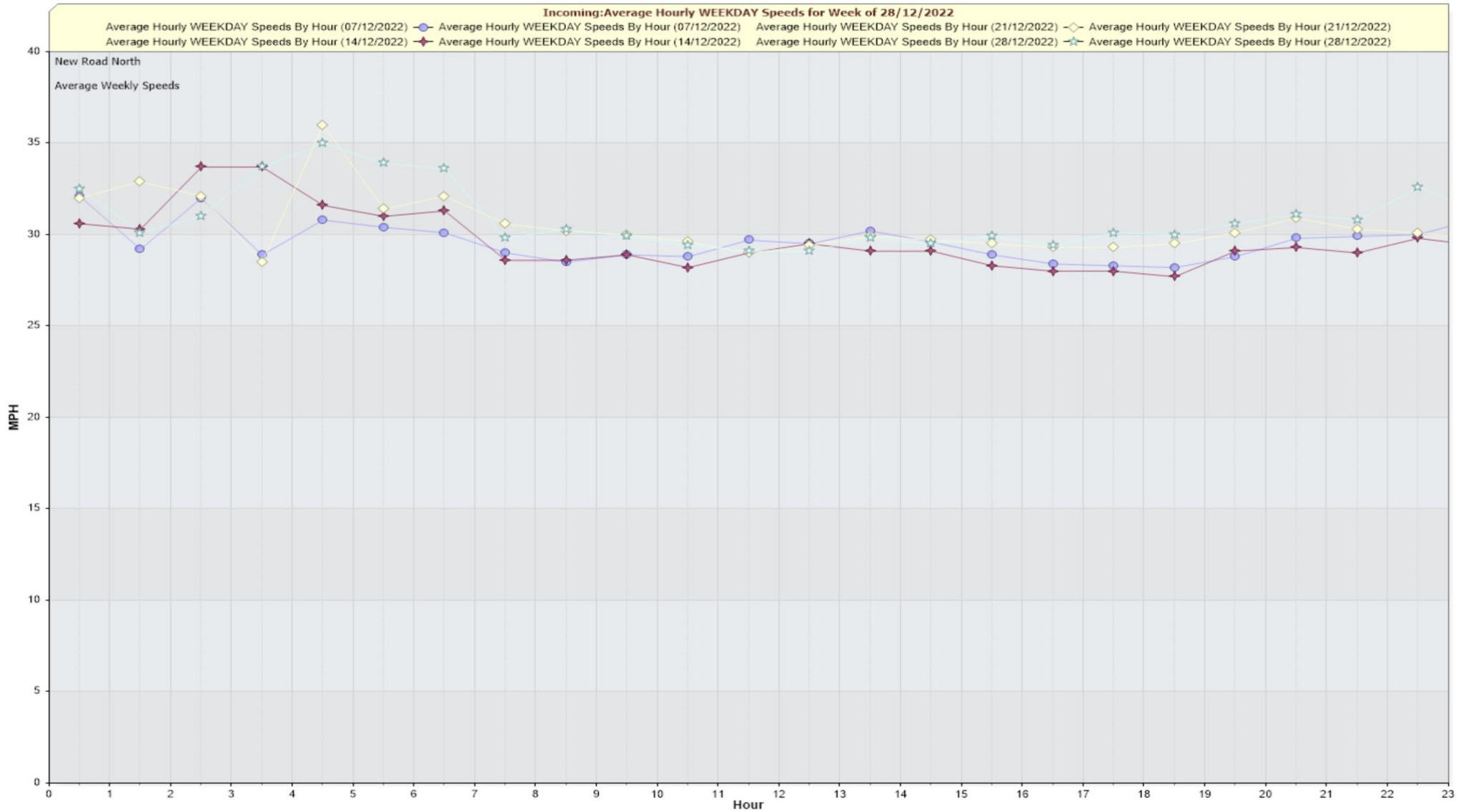
85th Percentile Speed = 34.5 MPH
 85th Percentile Vehicles = 38,964 counts
 Max Speed = 55.0 MPH on 17/12/2022 03:30:00
 Total Vehicles = 45,840 counts
 AADT: 1632.3

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		1,681	1,583
AM Peak	08:00 to 09:00	168	137
PM Peak	03:00 to 04:00	149	134

Speed

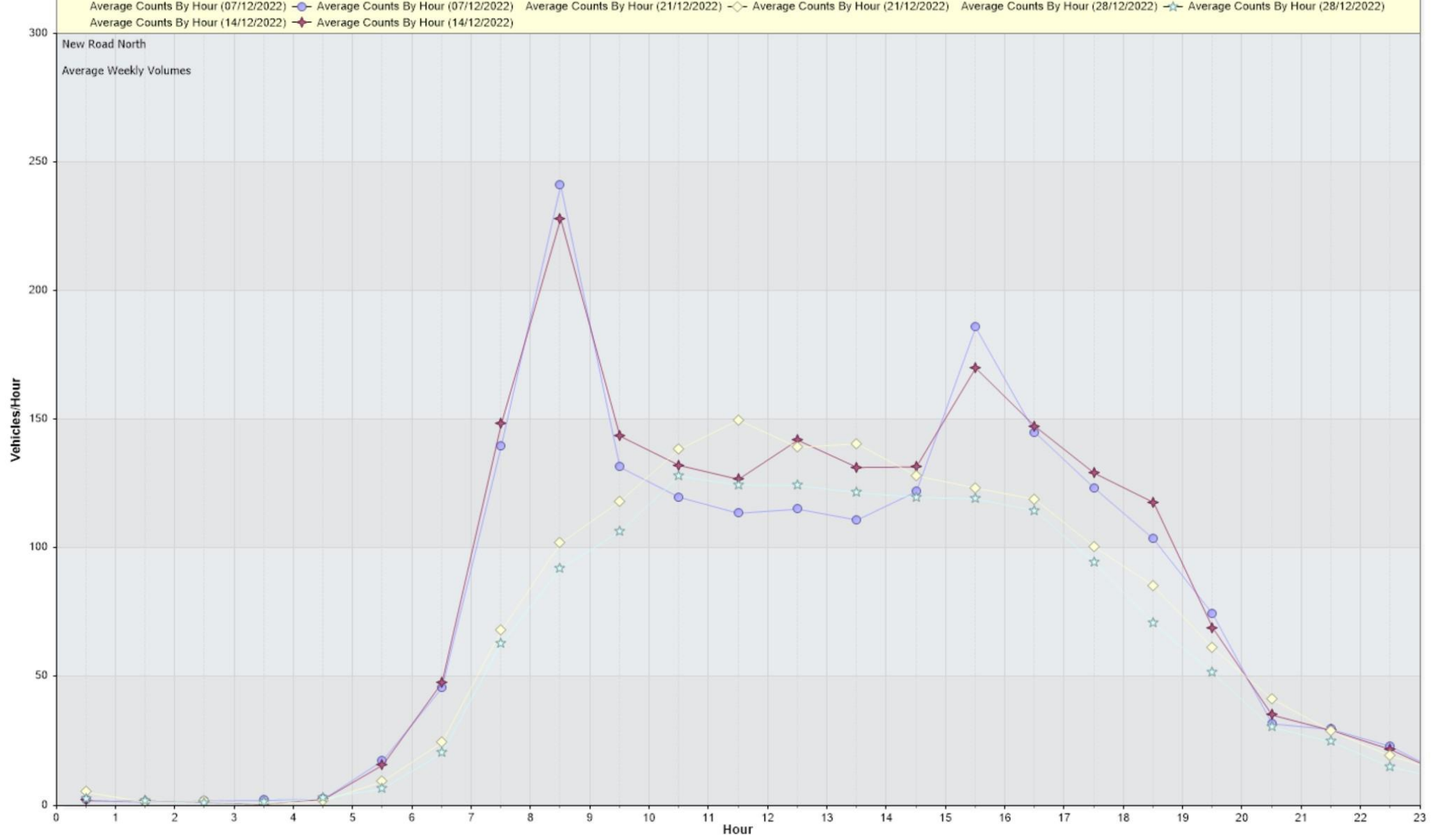
Speed Limit: 30 MPH
 85th Percentile Speed: 34.5 MPH
 50th Percentile Speed: 29.2 MPH
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH (Interval with the most cars)
 Average Speed: 29.4 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Comments
Count over limit	2388	2954	3075	3285	3379	2879	1879	Totals over 3 days
% over limit	43.1	43.5	41.4	42.9	43.8	46.8	41.2	Average 43.2% over the period
Avg Speeder	34.2	34.0	34.0	34.2	34.1	34.1	34.1	



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.

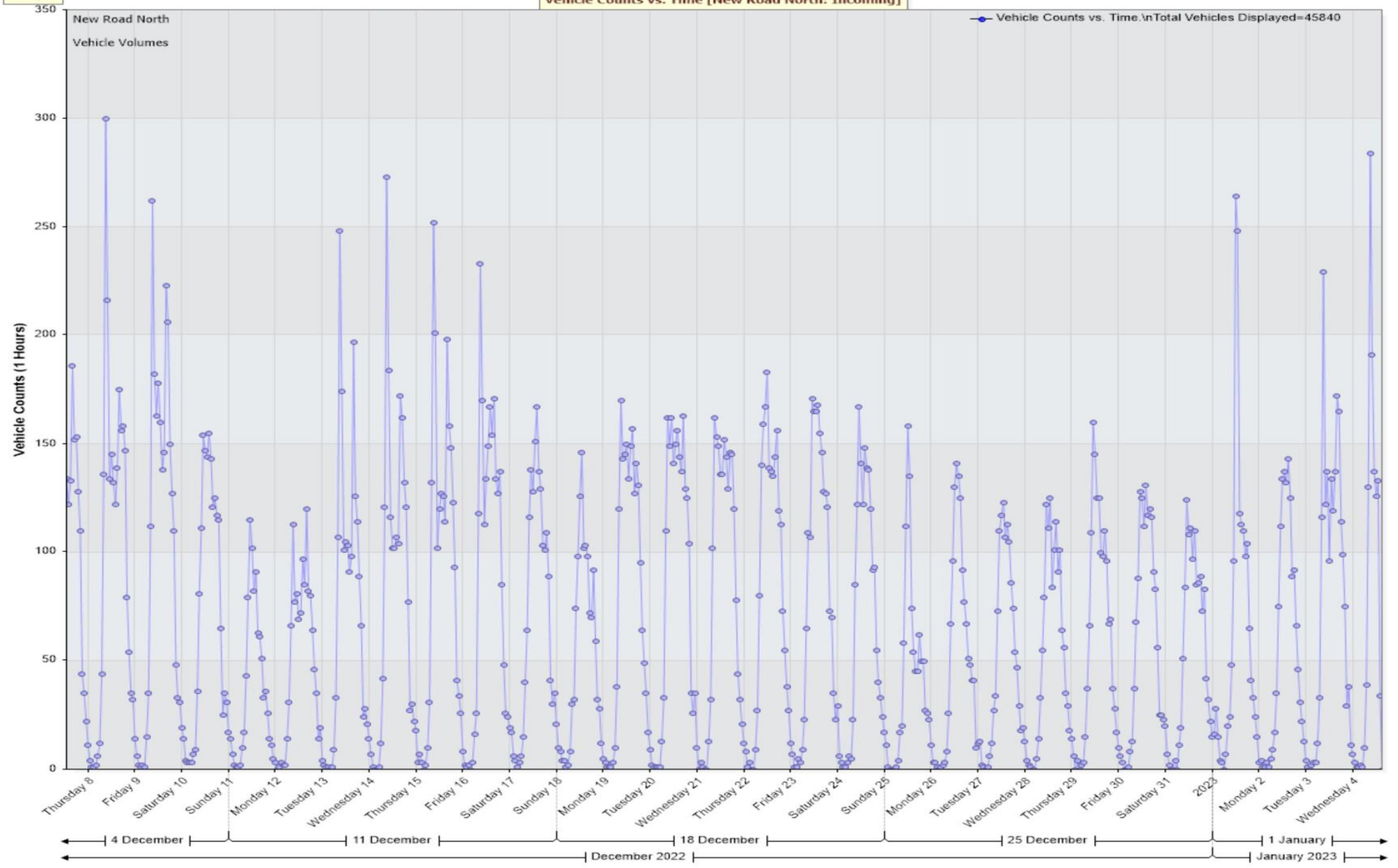
Incoming: Average Hourly Volume for Week of 28/12/2022

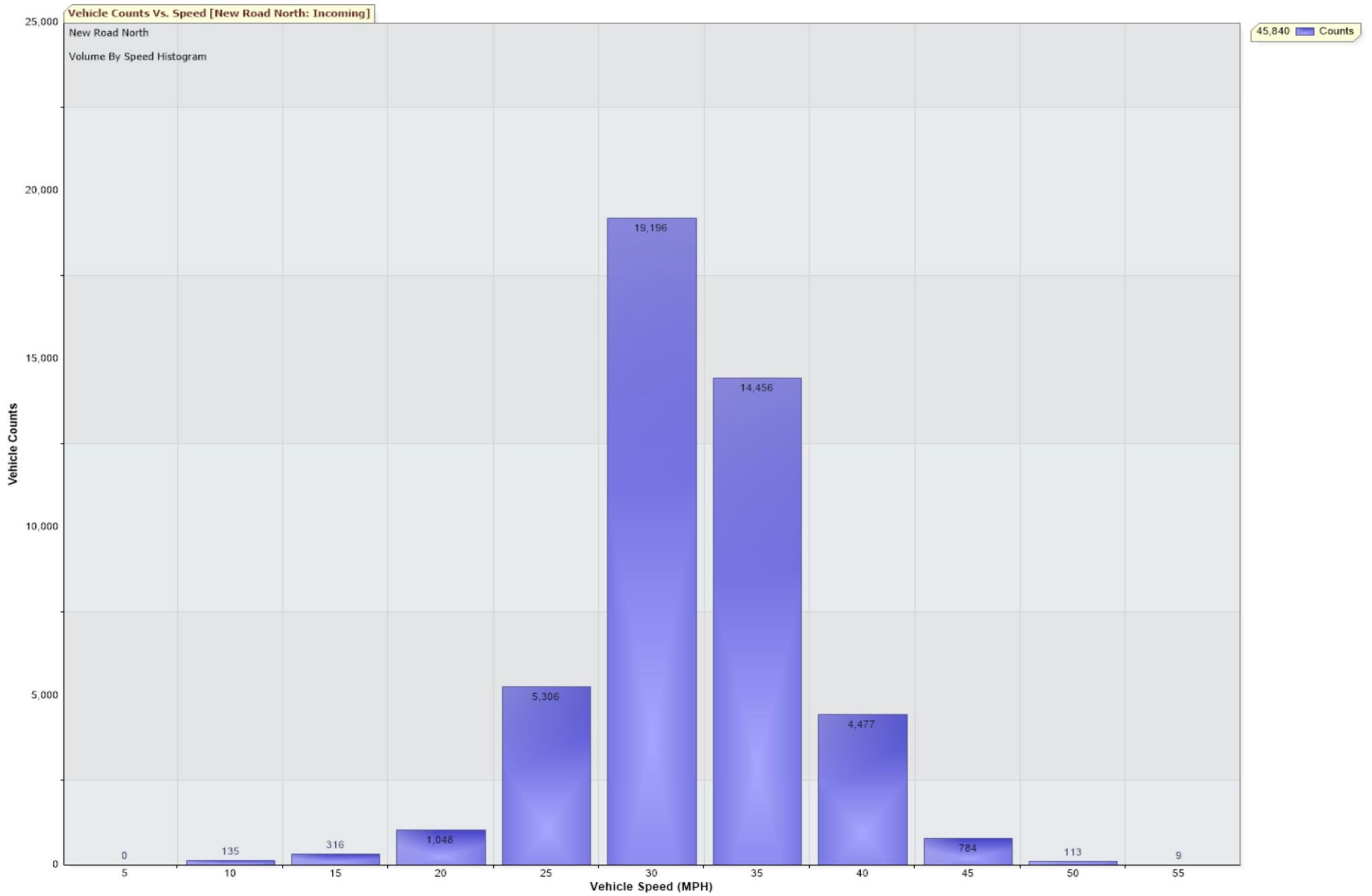


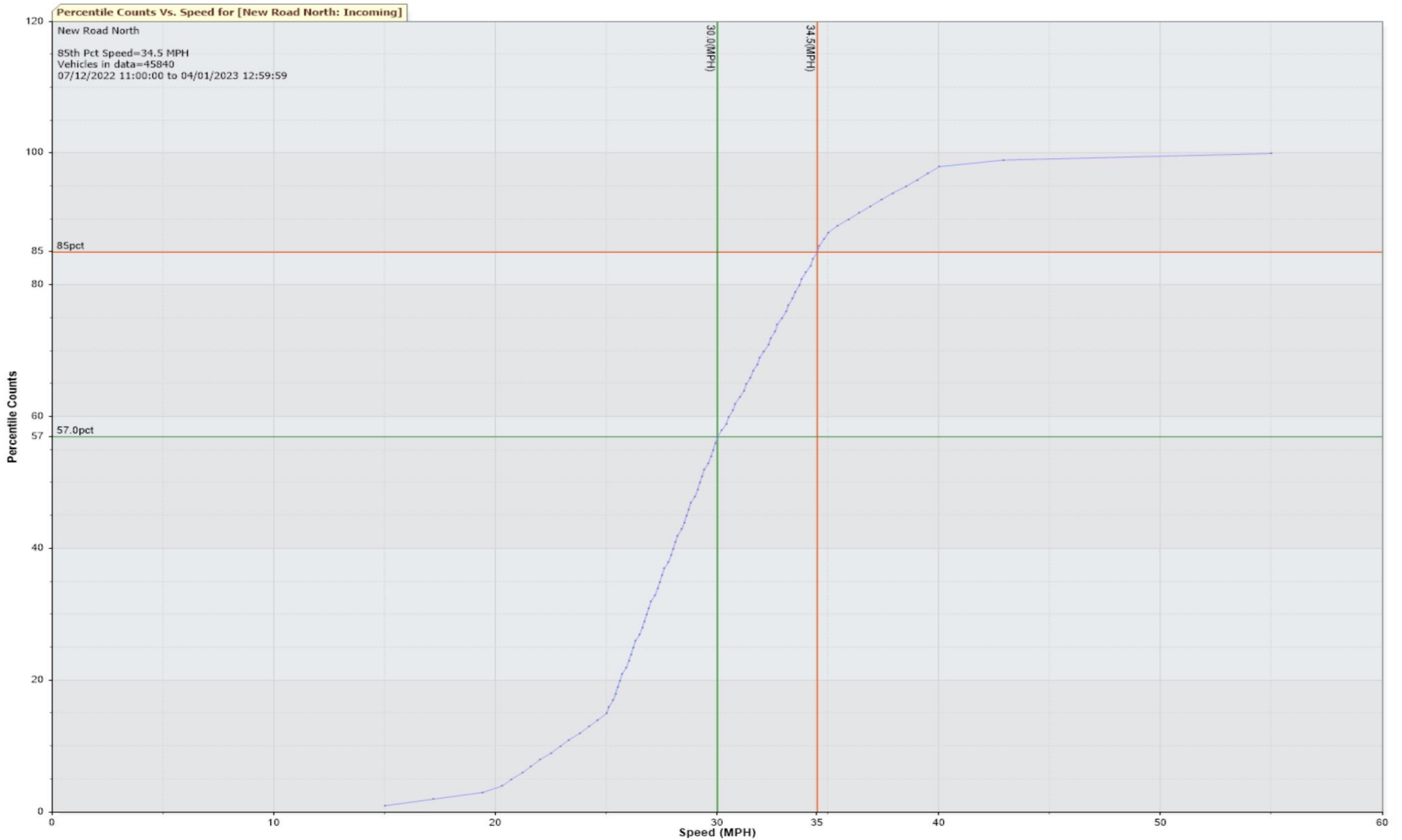
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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.