

TRAFFIC ANALYSIS REPORT FOR MARCH 2022

1. Southam Lane

Last month saw an average of 1708 cars per day. The average speed of motorized vehicles was 29.4 mph. 85% of all vehicles were travelling slower than 35.6 mph. The worst speeding event we had occurred at 7:15pm on the 22nd March 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 are four notable traffic count spikes associate with the race course on the 15th – 18th of March, see page 4. There is a no rain correction in this data, due traffic jams as a result of heavy race traffic. Reduced daily traffic as a result of road works Evesham Road traffic lights.

For Project: Southam Lane West

Projects Notes/Address: opposite Manor farm entrance, Sign facing West, traffic travelling East

Report Generated: 28/04/2022 10:25:43 AM

Speed Intervals = 5 MPH

Traffic Report From 01/03/2022 12:00:00 AM through 29/03/2022 11:59:59 PM

85th Percentile Speed = 35.6 MPH

85th Percentile Vehicles = 42,112 counts

Max Speed = 65.0 MPH on 22/03/2022 19:15:00

Total Vehicles =49,543 counts

AADT: 1708.4

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,898	1,699
AM Peak	09:00 to 10:00	173	138
PM Peak	06:00 to 07:00	215	175

Speed

Speed Limit: 30 MPH

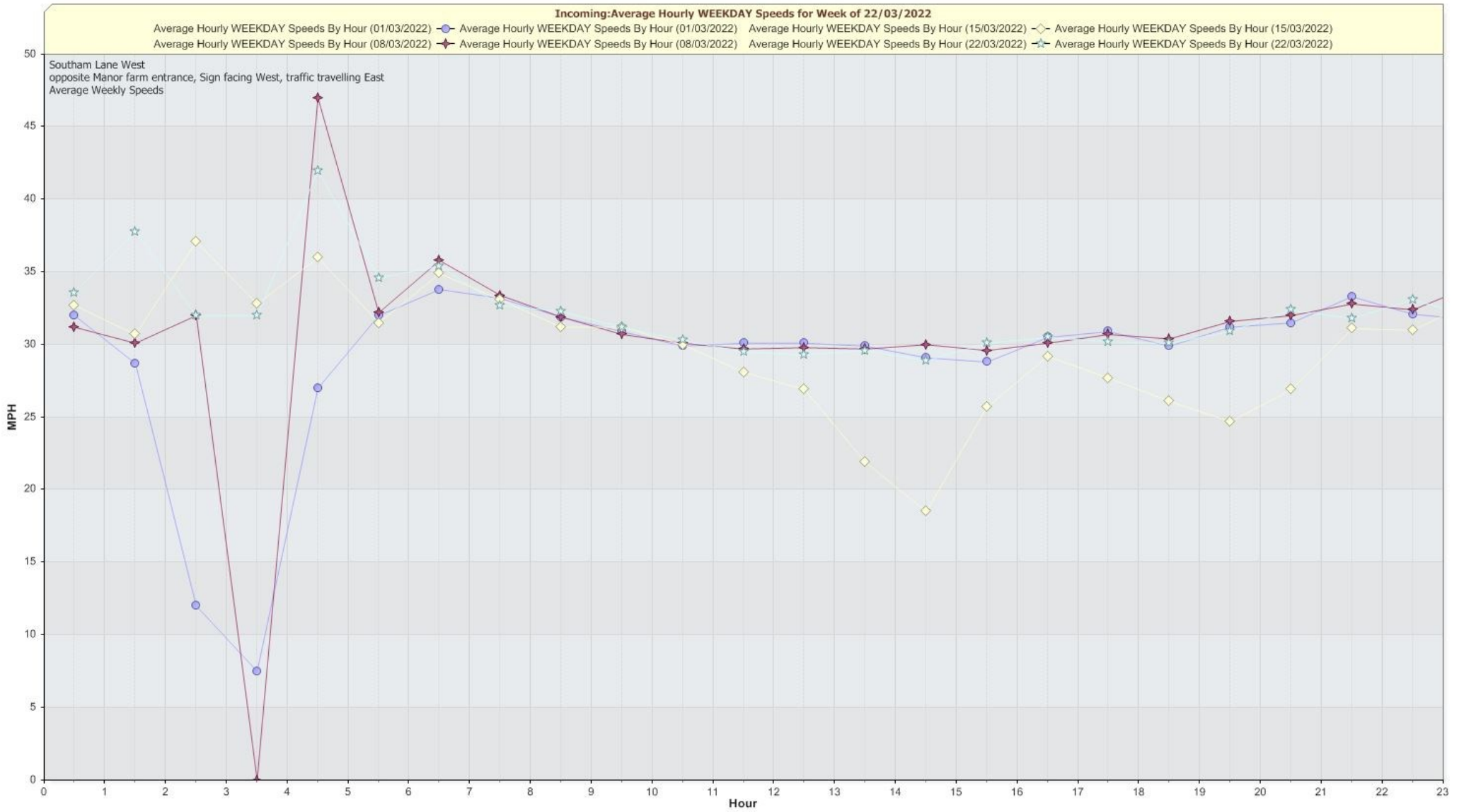
85th Percentile Speed: 35.6 MPH

50th Percentile Speed: 29.6 MPH

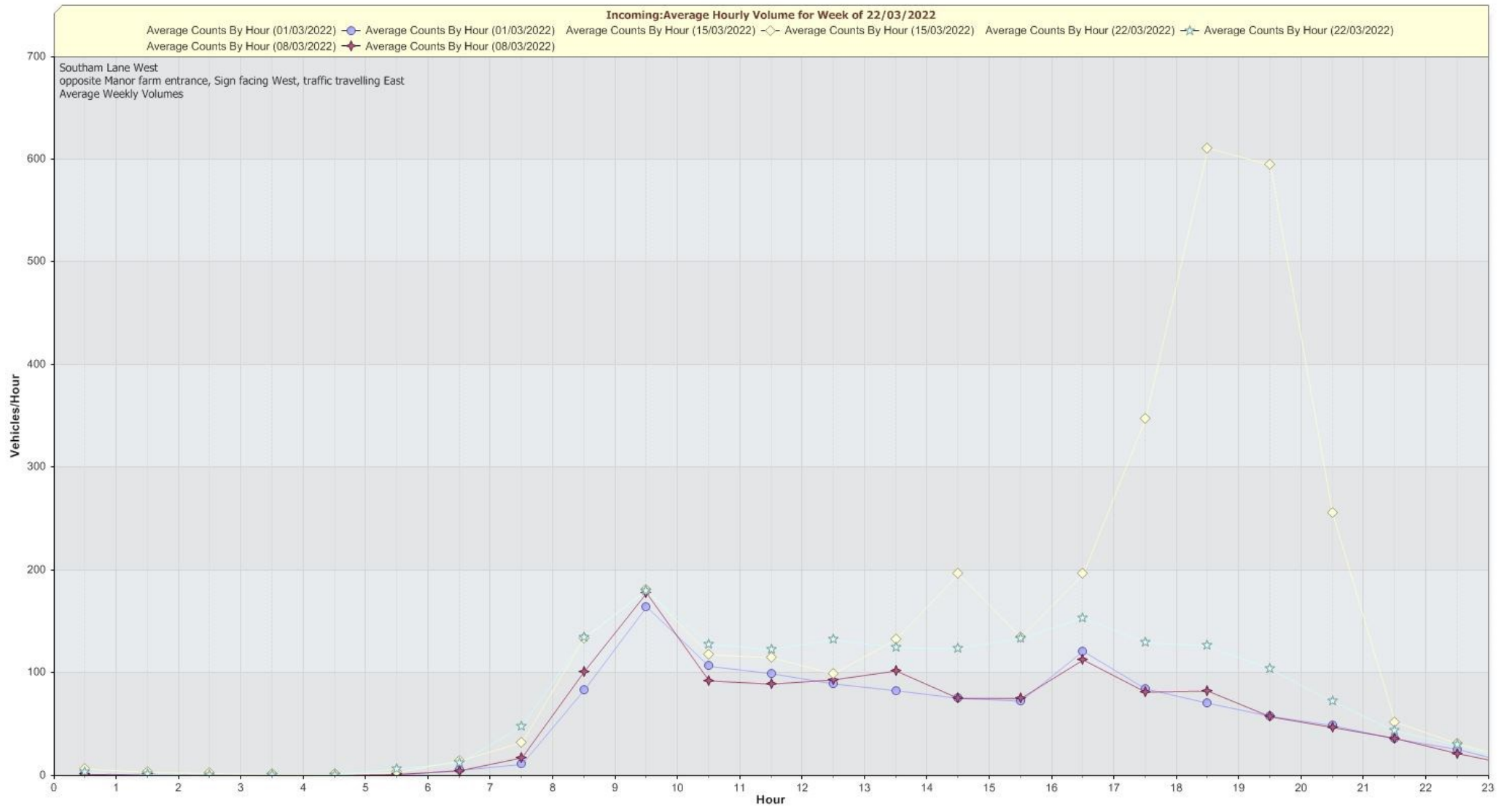
10 MPH Pace Interval: 30.0 MPH to 40.0 MPH (Interval with the most cars)

Average Speed: 29.4 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Count over limit	3535	4252	3415	3260	3228	2936	2699	(Totals over 4 days)
% over limit	55.5	43.5	38.1	44.3	43.3	56.1	61.4	(Average 48.8% over the period)
Avg Speeder	35.1	34.6	34.7	34.7	34.8	34.9	35.1	



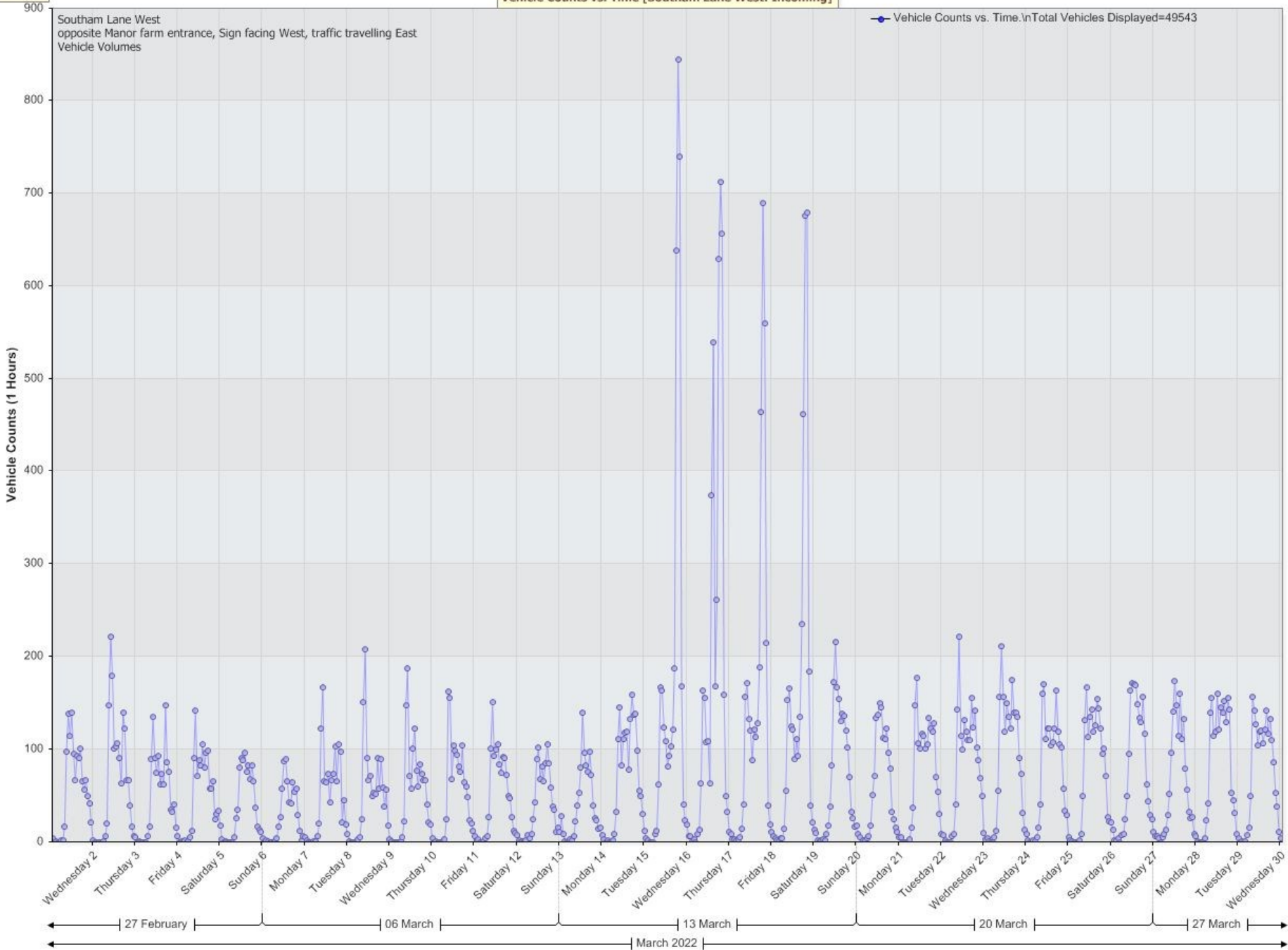
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

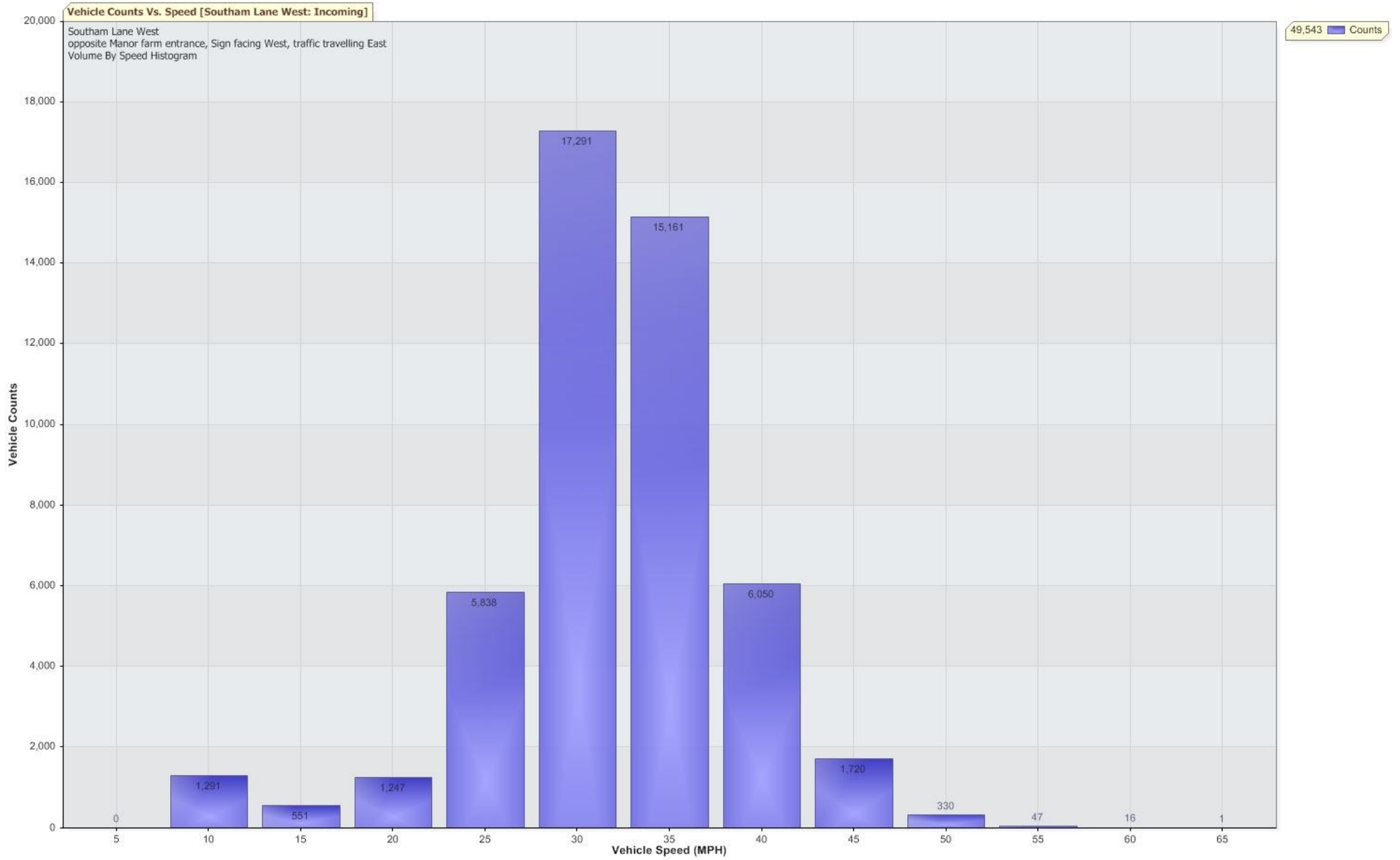


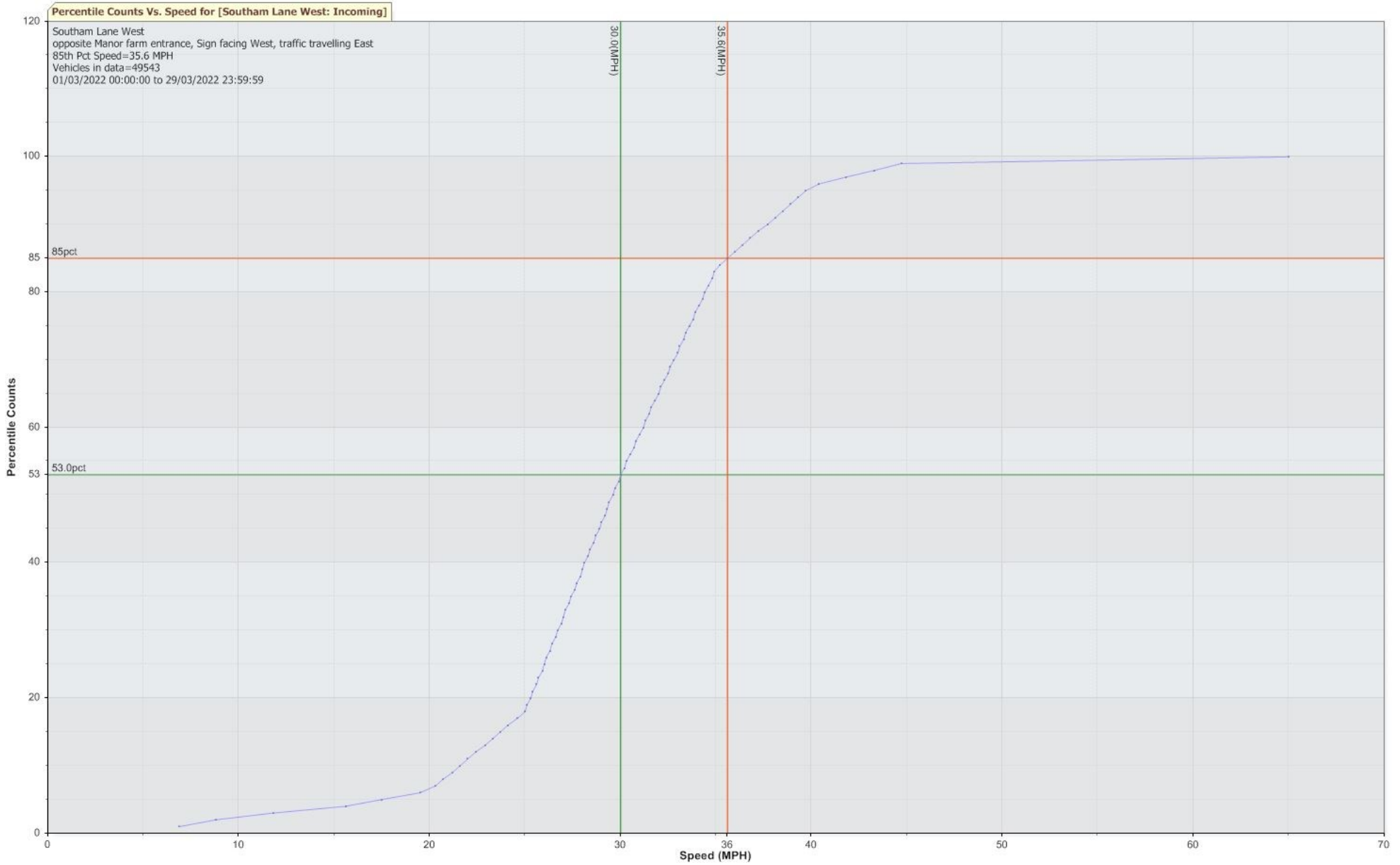
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 2213 cars per day. The average speed of motorized vehicles was 29.4 mph. 85% of all vehicles were travelling slower than 34.0 mph. The worst speeding event we had occurred at 2:45am on the 11th March 2022 when a vehicle was recorded travelling at 55 mph going out of the village. Traffic is travelling northwards on New Road. No rain correction required.

For Project: NewRoad_South1

Projects Notes/Address: New Road, at Toad Hall, unit facing South

Report Generated: 16/04/2022 11:26:49 AM

Speed Intervals = 5 MPH

Traffic Report From 01/03/2022 12:00:00 AM through 29/03/2022 11:59:59 PM

85th Percentile Speed = 34.0 MPH

85th Percentile Vehicles = 54,550 counts

Max Speed = 55.0 MPH on 11/03/2022 02:45:00

Total Vehicles =64,177 counts

AADT: 2213.0

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,345	2,207
AM Peak	08:00 to 09:00	188	151
PM Peak	05:00 to 06:00	255	230

Speed

Speed Limit: 30 MPH

85th Percentile Speed: 34.0 MPH

50th Percentile Speed: 29.3 MPH

10 MPH Pace Interval: 25.0 MPH to 35.0 MPH (Interval with the most cars)

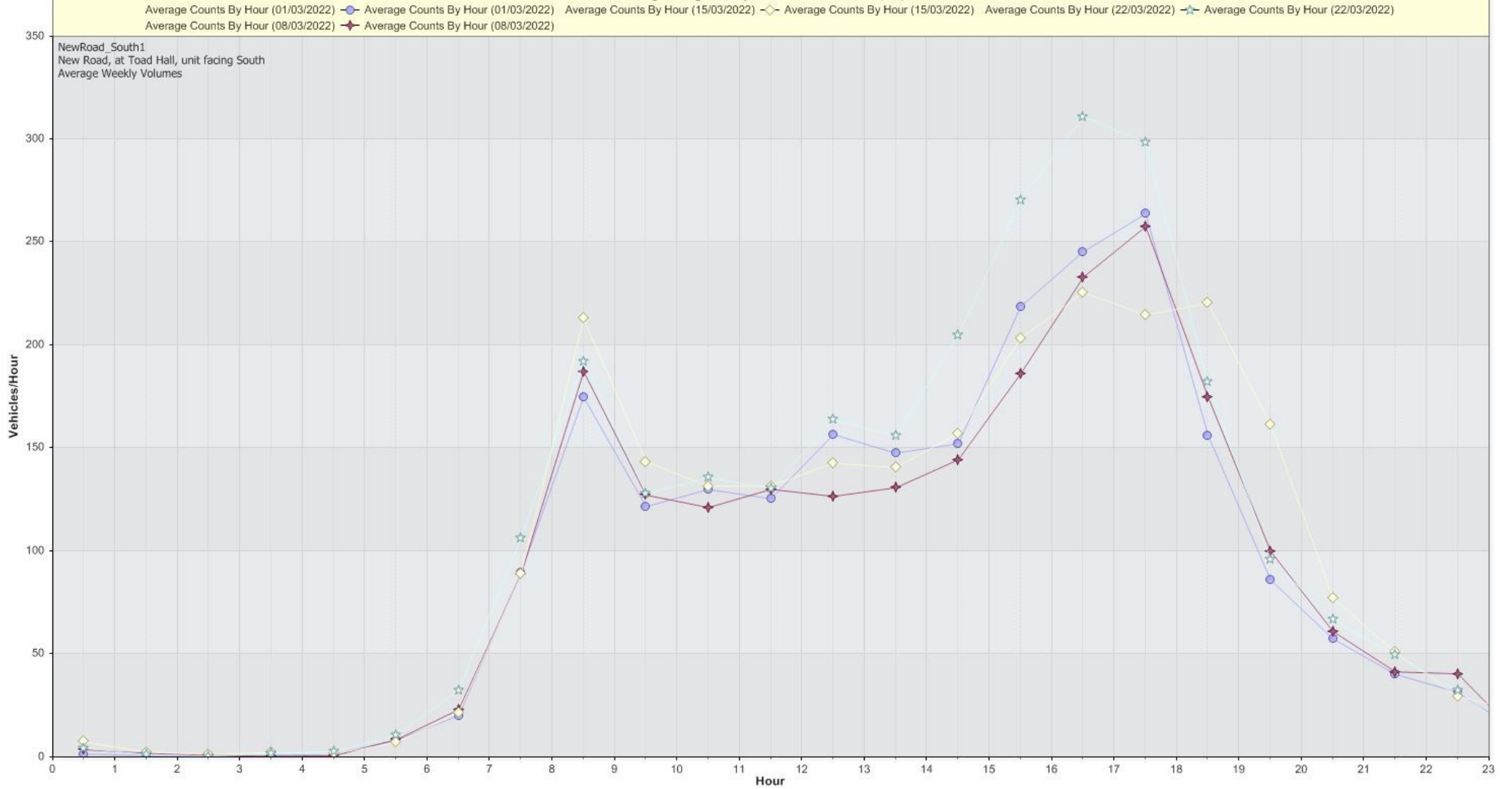
Average Speed: 29.4 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Count over limit	4422	5026	3489	4089	4000	4046	3210	(Totals over 4 days)
% over limit	45.6	42.8	40.5	41.5	42.9	48.0	49.5	(Average 44.4% over the period)
Avg Speeder	33.4	33.4	33.3	33.3	33.4	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.

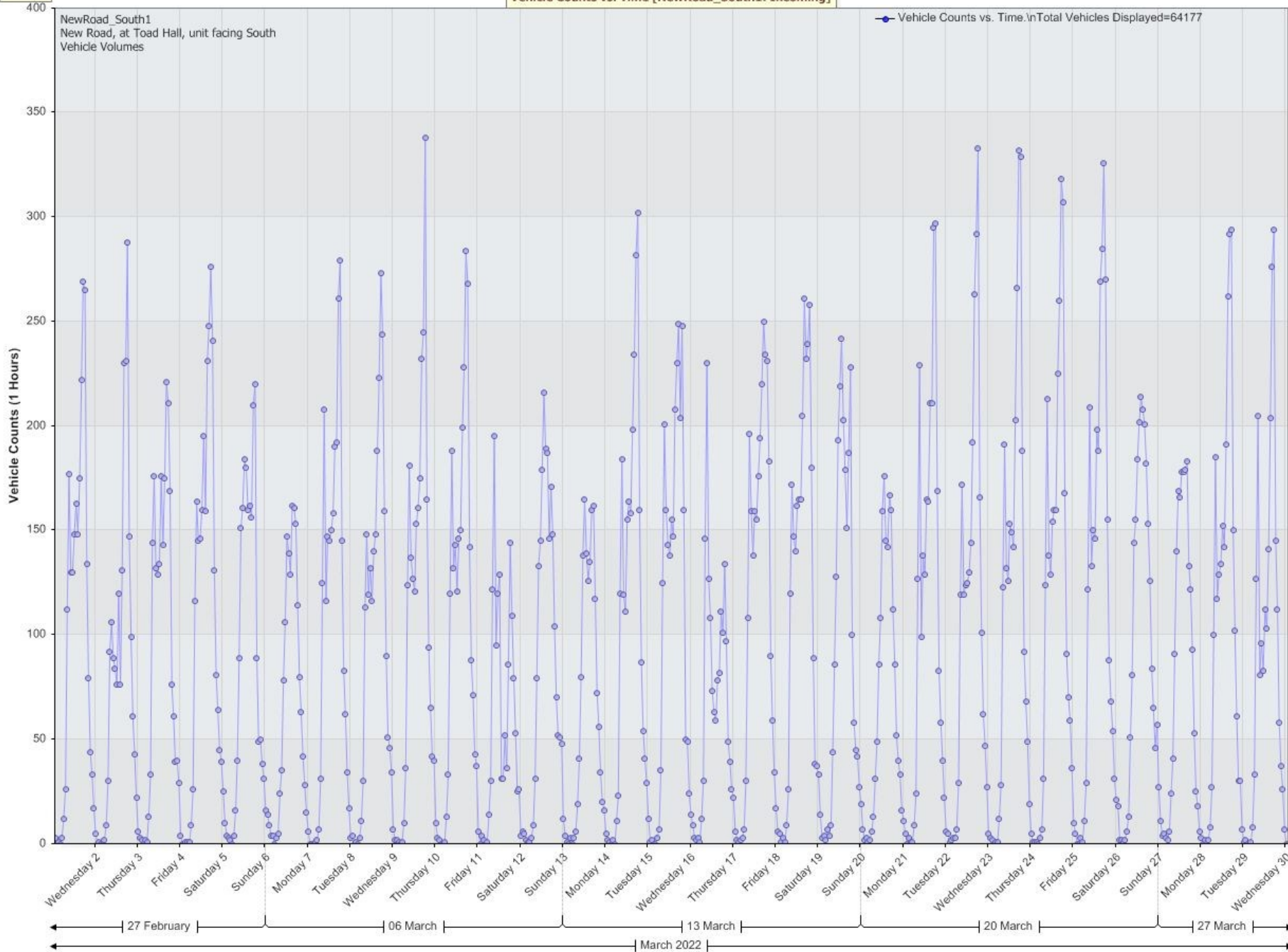
Incoming: Average Hourly Volume for Week of 22/03/2022

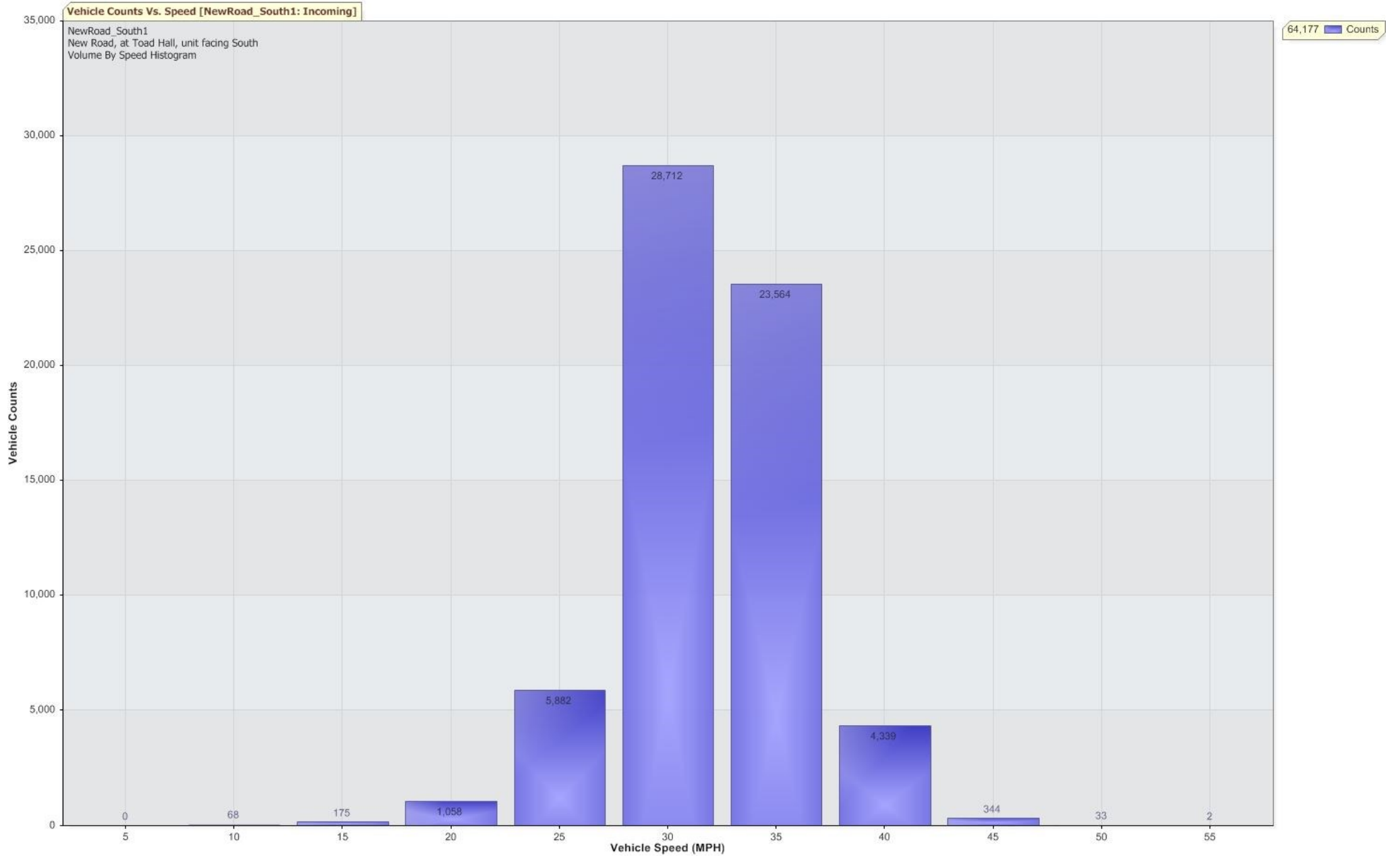


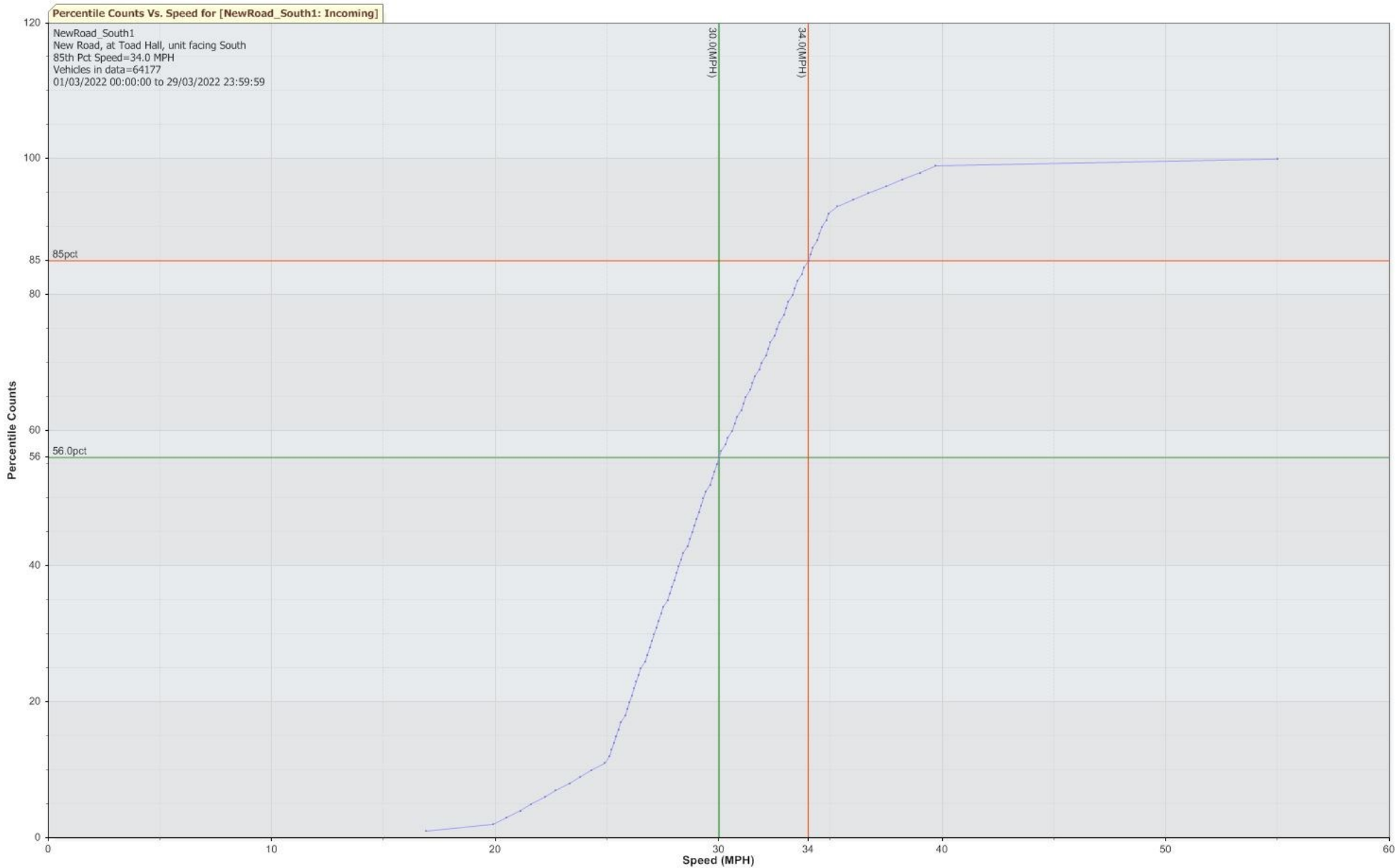
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Zoom help

Vehicle Counts vs. Time [NewRoad_South1: Incoming]







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