

TRAFFIC ANALYSIS REPORT FOR FEBRUARY 2022

1. Southam Lane

Last month saw an average of 2694 cars per day. This a huge increase compared to last month as the traffic adjusts to the road closures. The average speed of motorized vehicles was 29.8 mph. 85% of all vehicles were travelling slower than 34.6 mph. The worst speeding event we had occurred at 04:30pm on the 7th February 2022 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 an 11.8% rain correction in this data.

For Project: Southam Lane West
Projects Notes/Address: opposite Manor farm entrance, Sign facing West, traffic travelling East
Report Generated: 09/03/2022 08:50:39 PM
Speed Intervals = 5 MPH

Traffic Report From 05/02/2022 12:00:00 AM through 05/03/2022 11:59:59 AM

85th Percentile Speed = 34.6 MPH
85th Percentile Vehicles = 65,284 counts
Max Speed = 60.0 MPH on 07/02/2022 16:30:00
Total Vehicles =76,805 counts
AADT: 2694.9

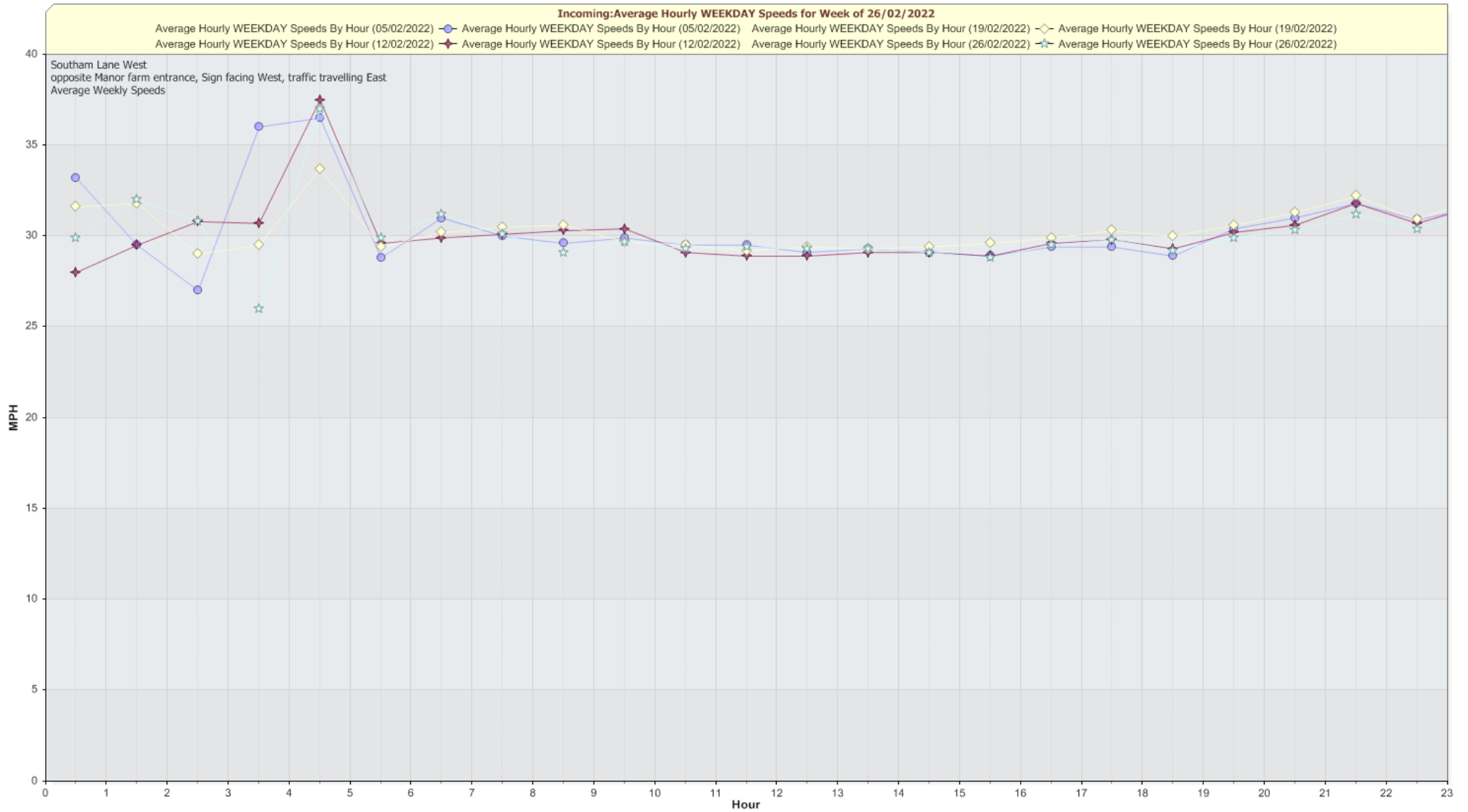
Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		3,046	2,677
AM Peak	09:00 to 10:00	229	197
PM Peak	04:00 to 05:00	307	268

Speed

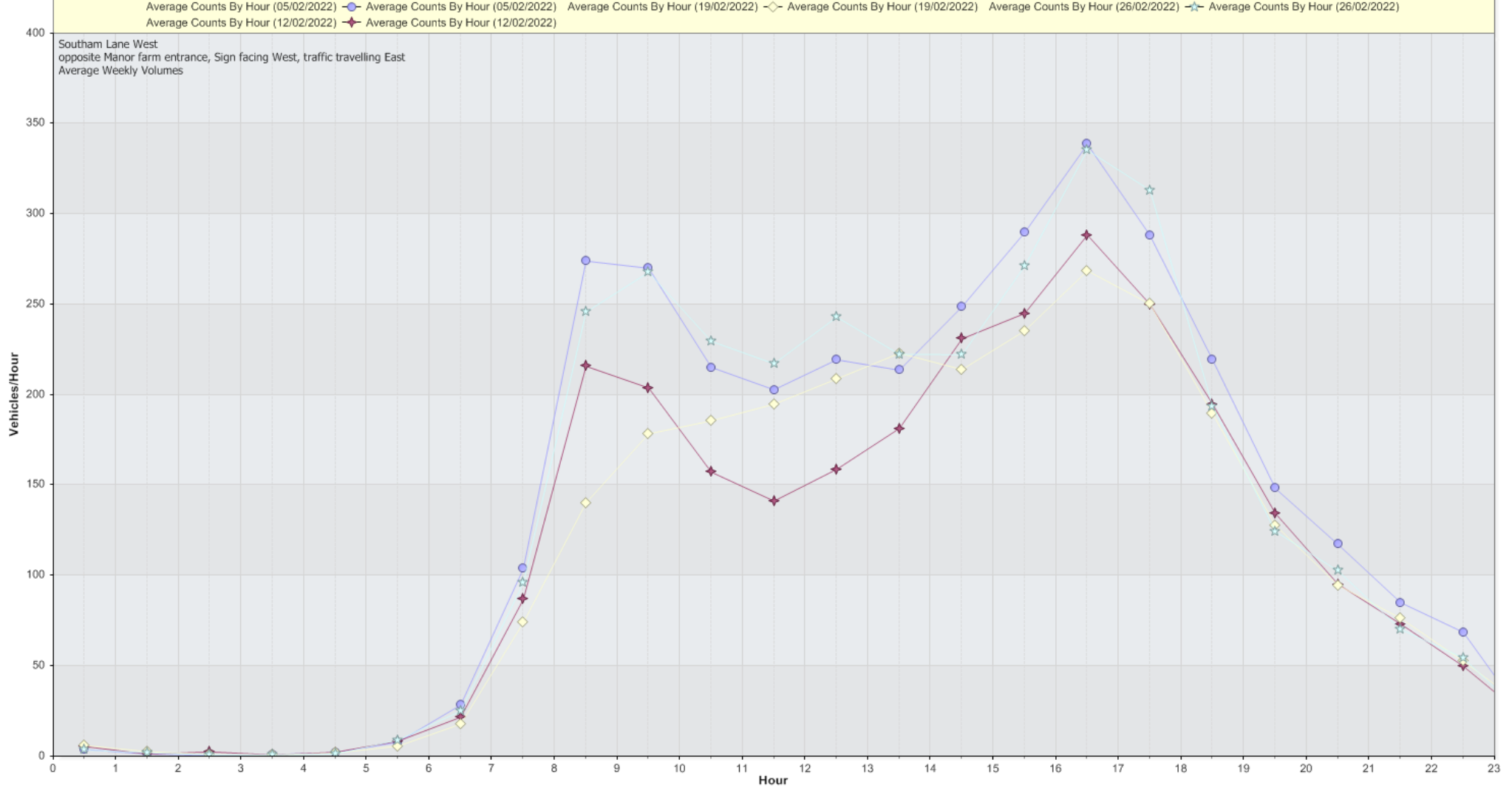
Speed Limit: 30 MPH
85th Percentile Speed: 34.6 MPH
50th Percentile Speed: 29.7 MPH
10 MPH Pace Interval: 30.0 MPH to 40.0 MPH (Interval with the most cars)
Average Speed: 29.8 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Count over limit	5327	5432	5676	5807	5965	4645	3604	(Totals over 4 days)
% over limit	47.9	45.8	45.8	45.3	46.8	51.0	53.2	(Average 48.0% over the period)
Avg Speeder	34.0	34.0	33.9	34.0	34.1	34.1	34.2	



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.

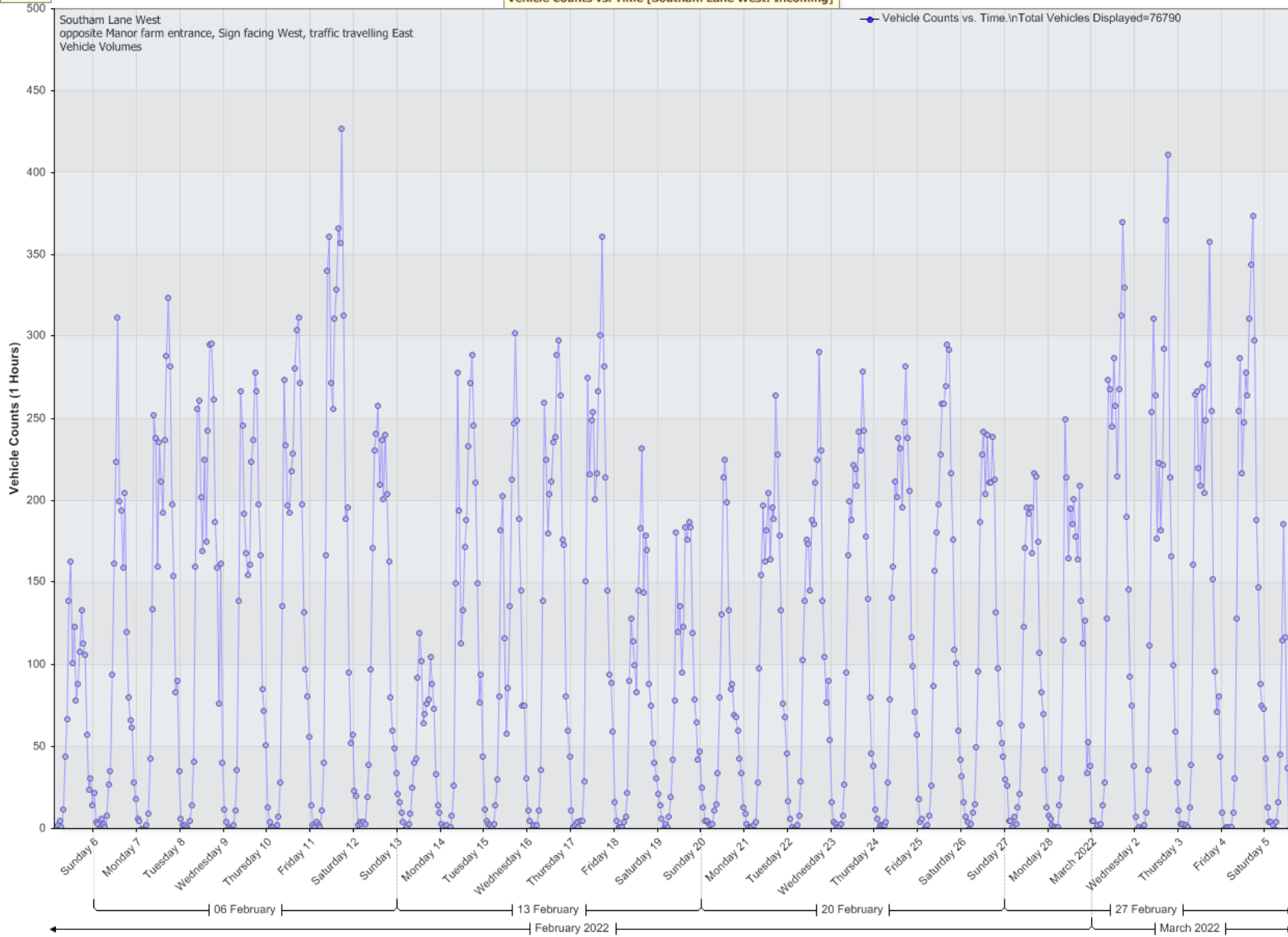
Incoming: Average Hourly Volume for Week of 26/02/2022

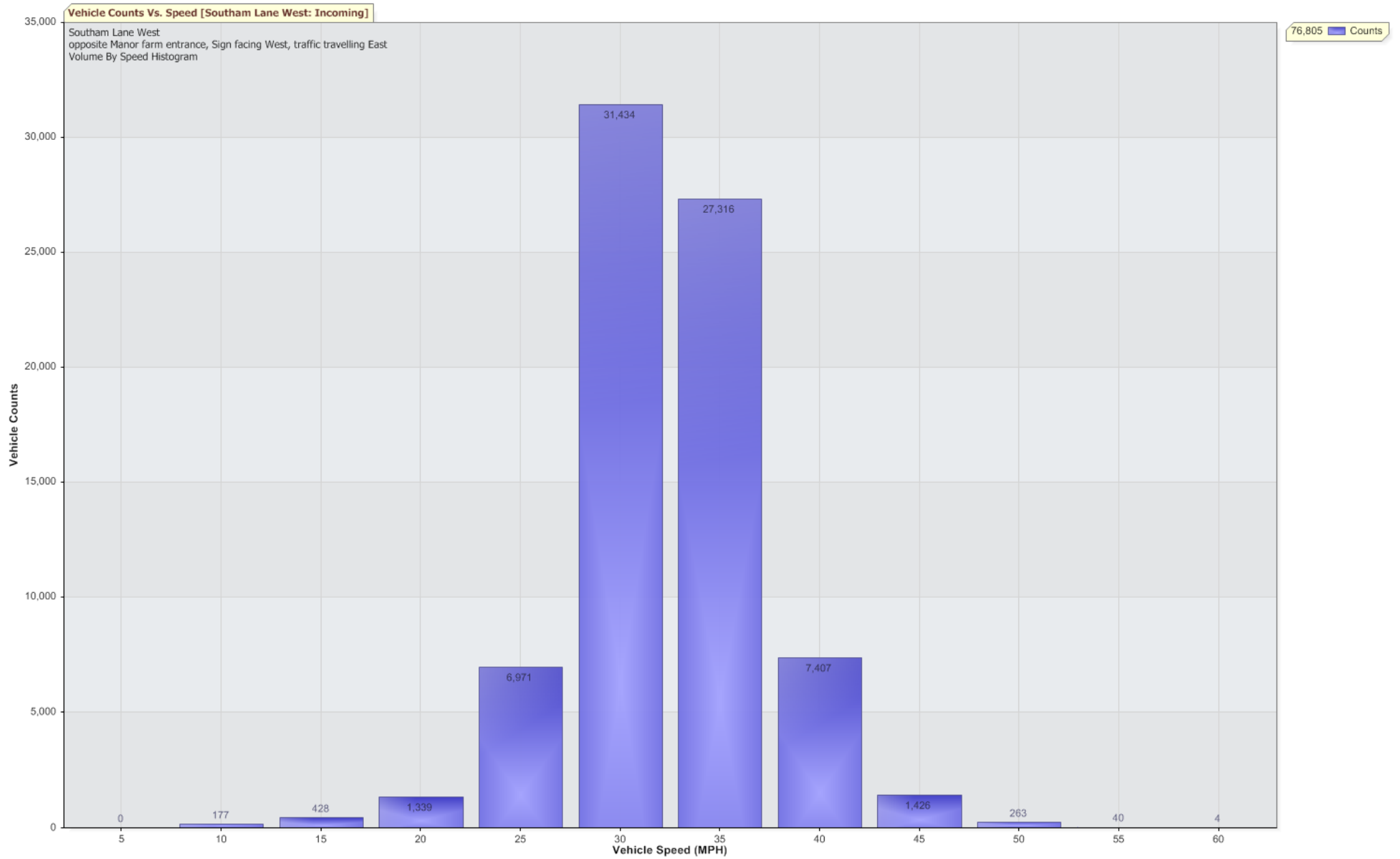


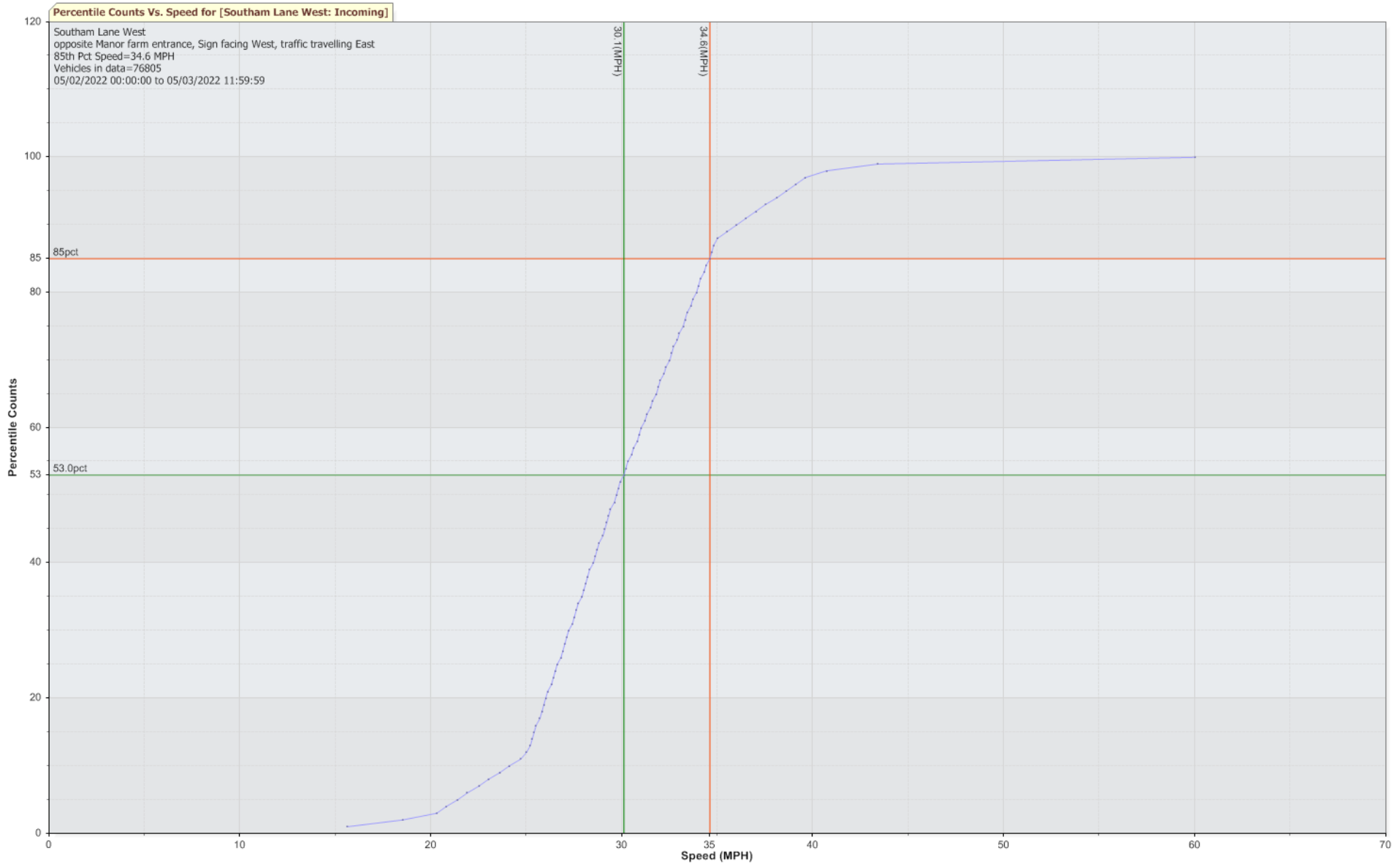
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 1801 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 10:15pm on the 19th February 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: 06/03/2022 06:20:45 PM
 Speed Intervals = 5 MPH

Traffic Report From 05/02/2022 12:00:00 AM through 05/03/2022 10:59:59 AM

85th Percentile Speed = 34.0 MPH
 85th Percentile Vehicles = 43,566 counts
 Max Speed = 55.0 MPH on 19/02/2022 22:15:00
 Total Vehicles = 51,254 counts
 AADT: 1801.0

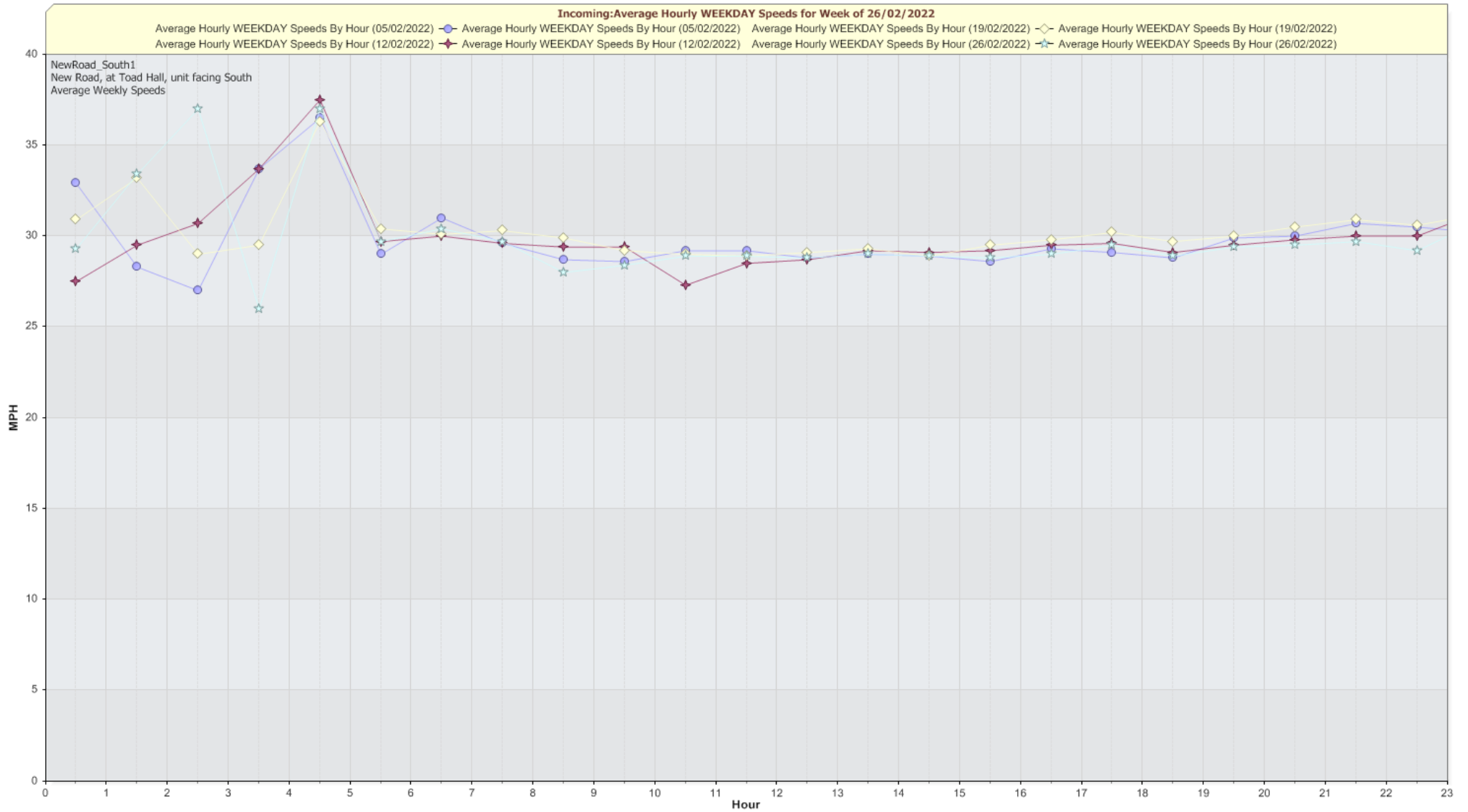
Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,997	1,781
AM Peak	08:00 to 09:00	154	124
PM Peak	04:00 to 05:00	208	185

Speed

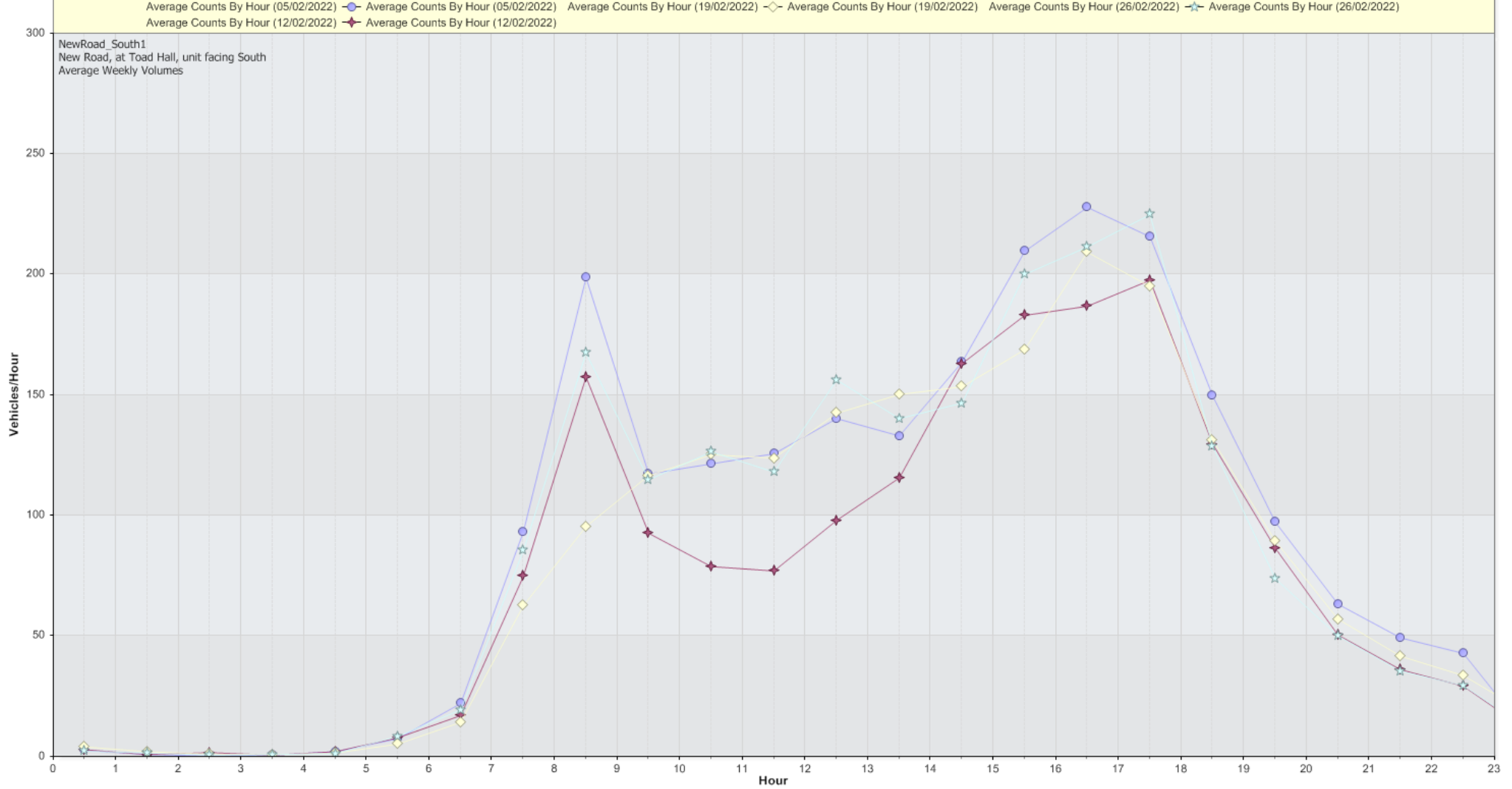
Speed Limit: 30 MPH
 85th Percentile Speed: 34.0 MPH
 50th Percentile Speed: 29.3 MPH
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH (Interval with the most cars)
 Average Speed: 29.4 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Count over limit	3142	3218	3407	3518	3696	3215	2183	(Totals over 4 days)
% over limit	44.2	41.5	42.0	41.4	43.7	47.5	48.0	(Average 44.0% over the period)
Avg Speeder	33.4	33.4	33.3	33.3	33.5	33.6	33.6	



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.

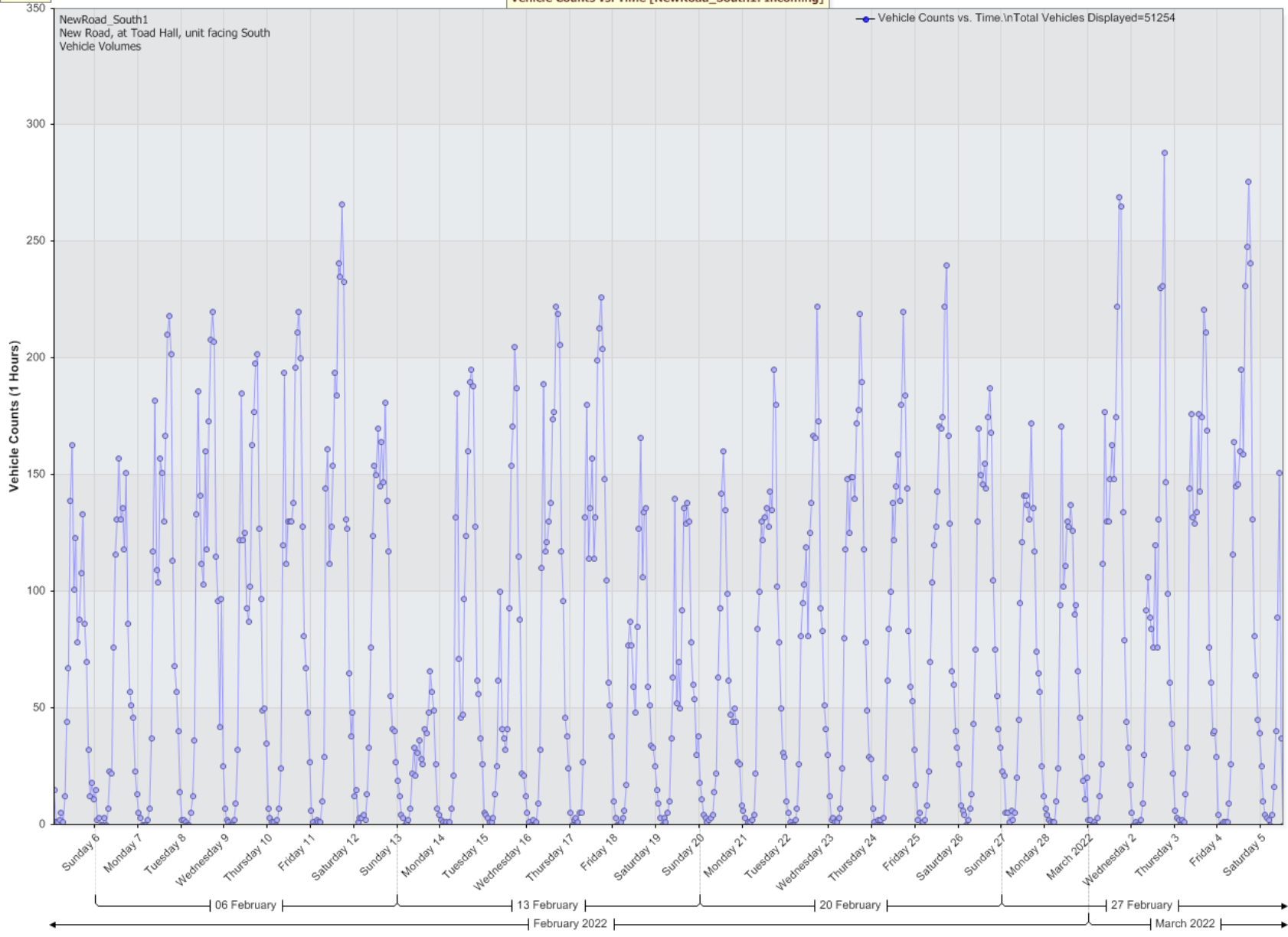
Incoming: Average Hourly Volume for Week of 26/02/2022

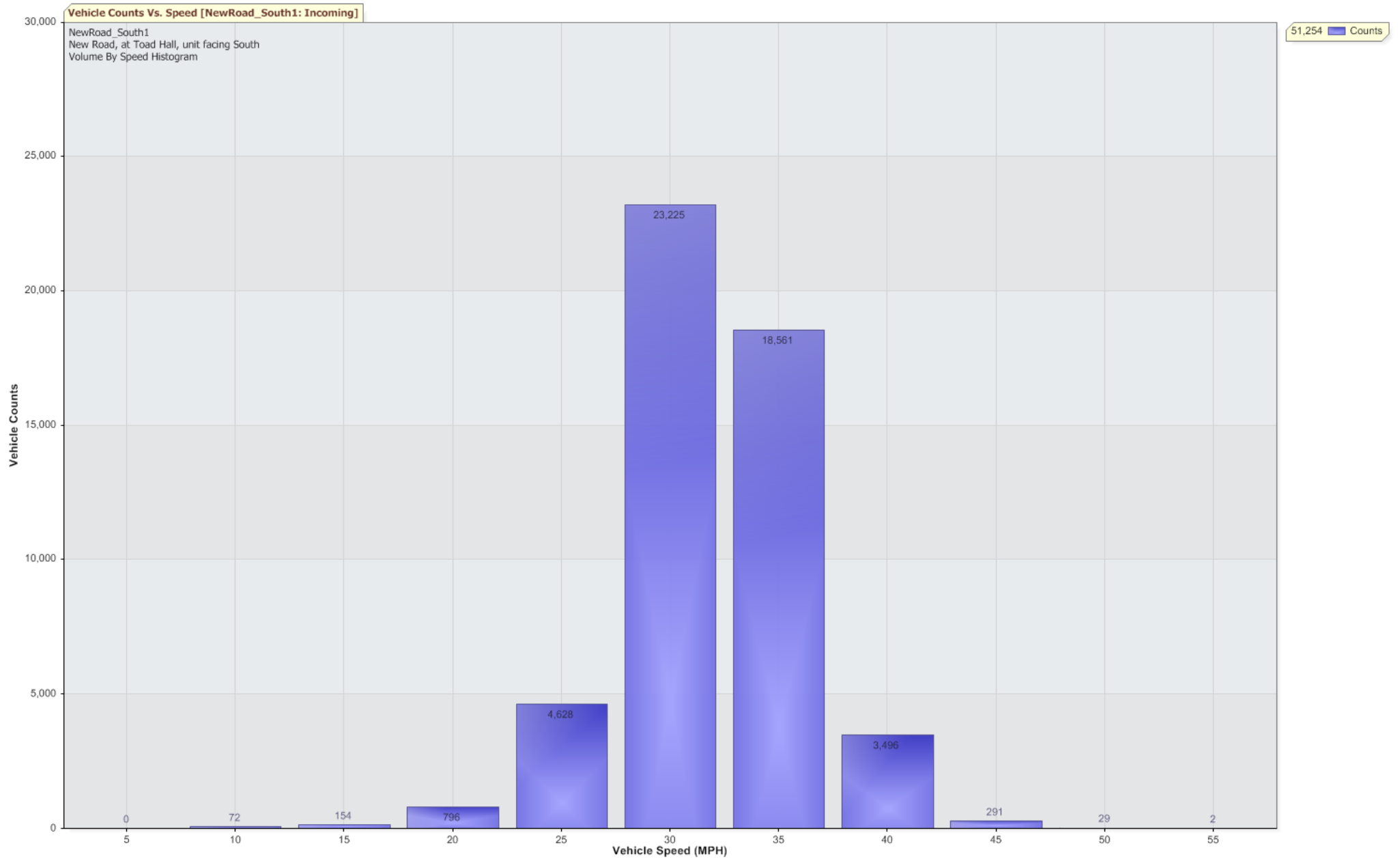


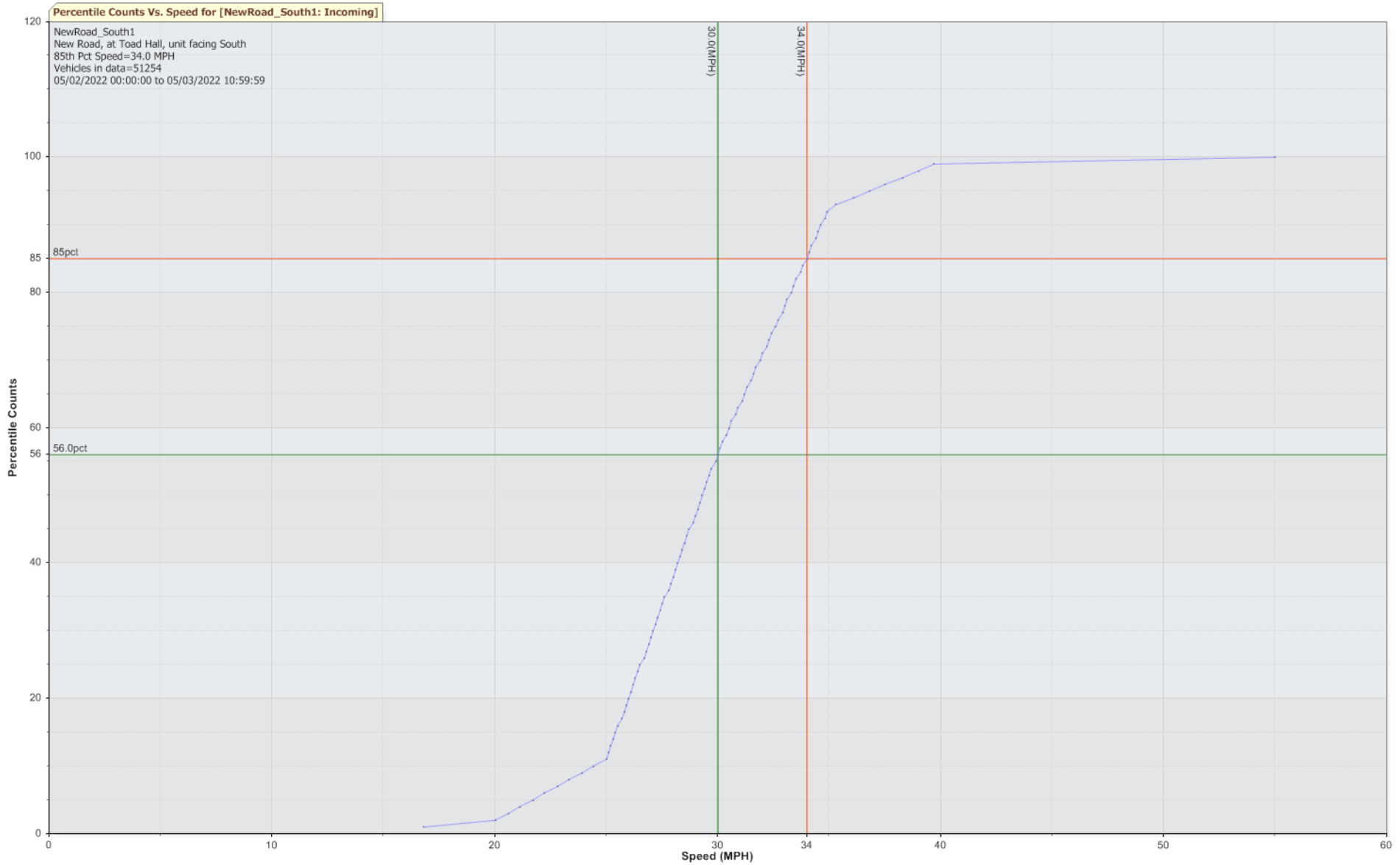
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

Zoom help

Vehicle Counts vs. Time [NewRoad_South1: 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.