

TRAFFIC ANALYSIS REPORT FOR JANUARY 2022

1. Southam Lane

Last month saw an average of 1102 cars per day. The average speed of motorized vehicles was 30.3 mph. 85% of all vehicles were travelling slower than 36.4 mph. The worst speeding event we had occurred at 00:15am on the 4th January 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. The amount of traffic travelling down Southam Lane has been halved by the closure of Southam Lane at the traffic lights.

For Project: Southam Lane West
Projects Notes/Address: Opposite Manor Farm entrance, facing West, traffic travelling East
Report Generated: 02/02/2022 07:47:59 PM
Speed Intervals = 5 MPH

Traffic Report From 01/01/2022 12:00:00 PM through 29/01/2022 02:59:59 PM

85th Percentile Speed = 36.4 MPH
85th Percentile Vehicles = 26,338 counts
Max Speed = 65.0 MPH on 04/01/2022 00:15:00
Total Vehicles = 30,986 counts
AADT: 1101.7

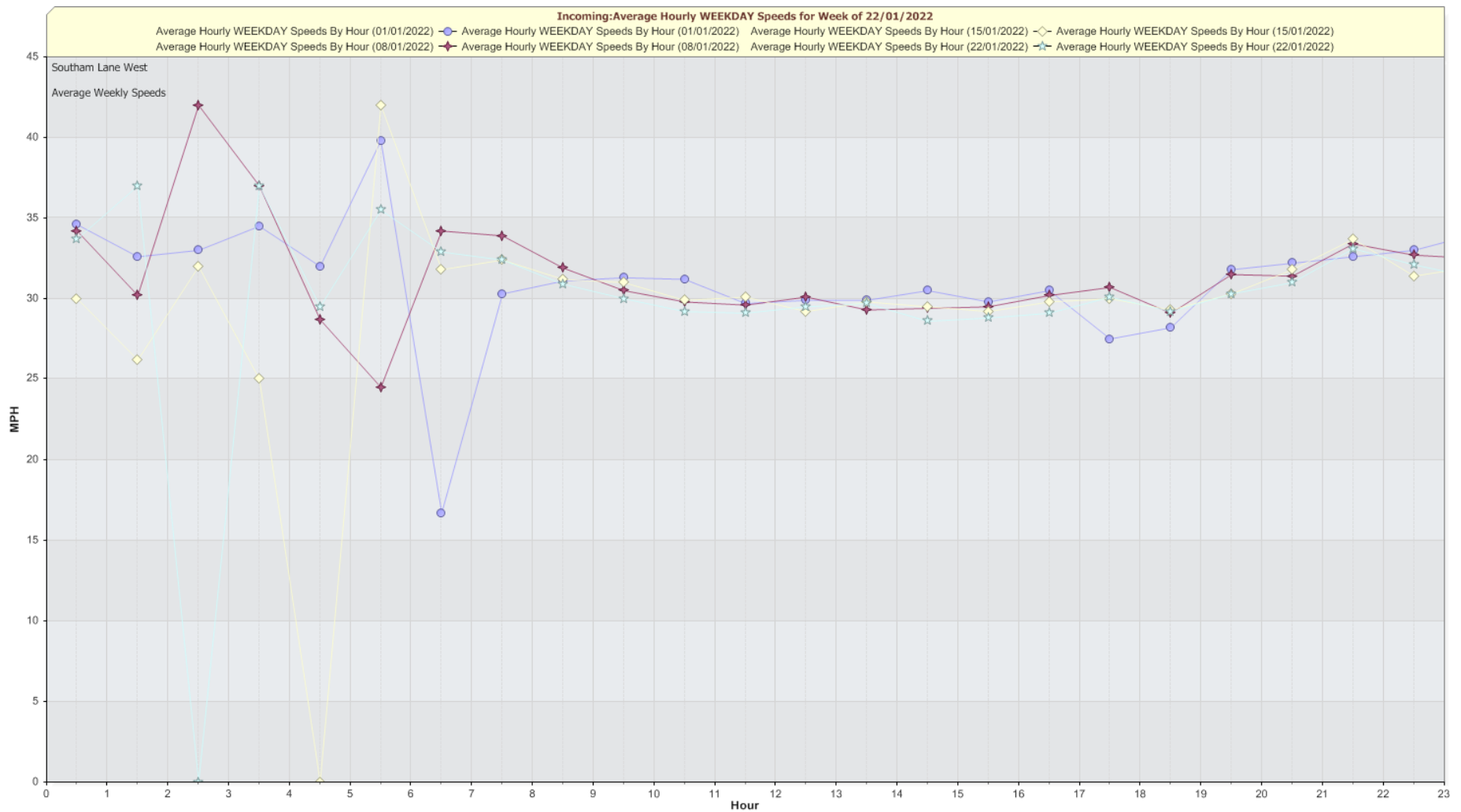
Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,134	1,071
AM Peak	09:00 to 10:00	131	102
PM Peak	04:00 to 05:00	110	109

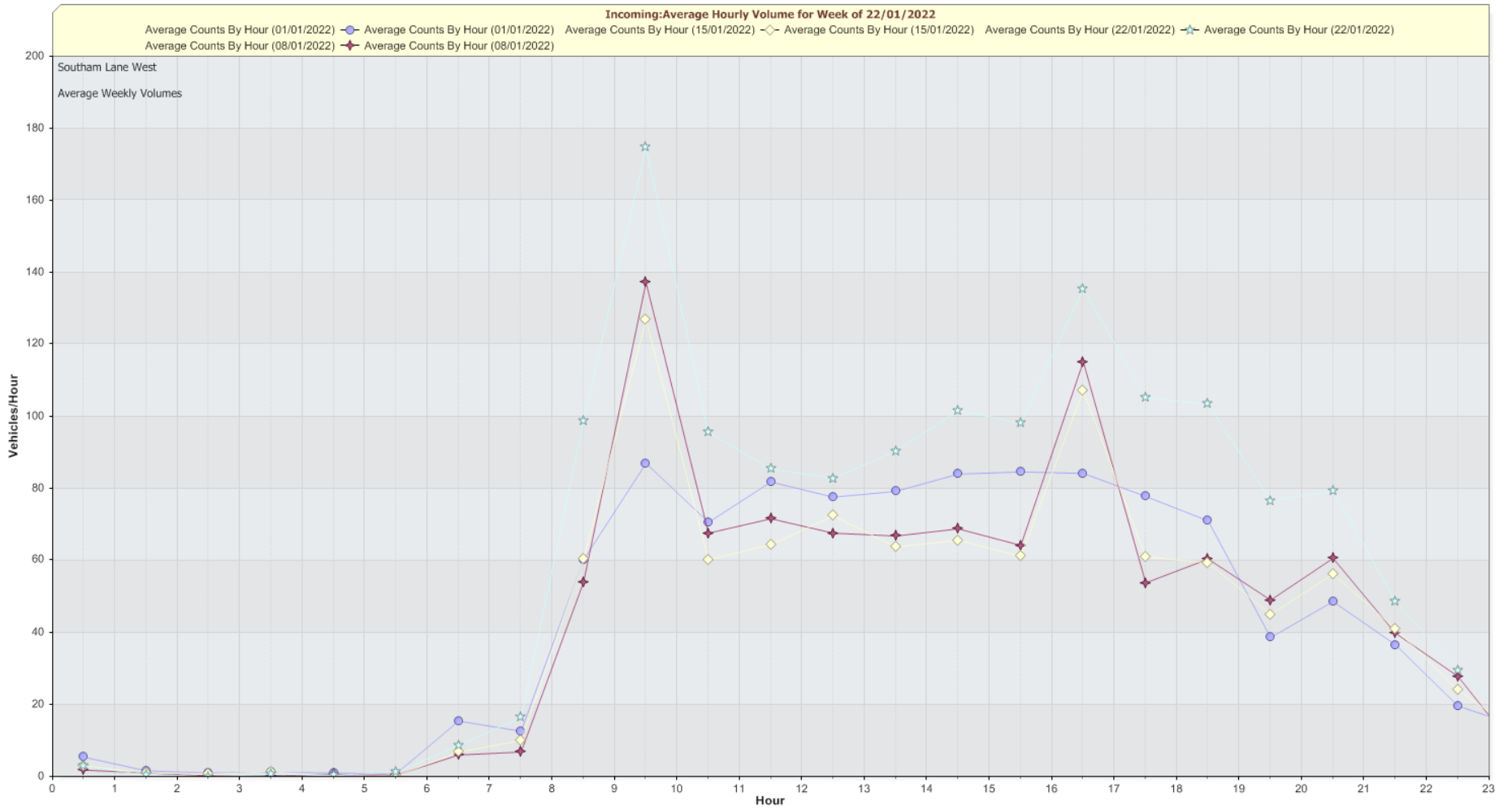
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 36.4 MPH
50th Percentile Speed: 30.4 MPH
10 MPH Pace Interval: 30.0 MPH to 40.0 MPH (Interval with the most cars)
Average Speed: 30.3 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Count over limit	2515	2203	2110	2532	2595	2384	2081	(Totals over 4 days)
% over limit	53.8	54.4	54.0	50.9	51.1	48.9	60.7	(Average 53.4% over the period)
Avg Speeder	34.8	34.9	34.8	34.7	34.6	34.8	35.1	



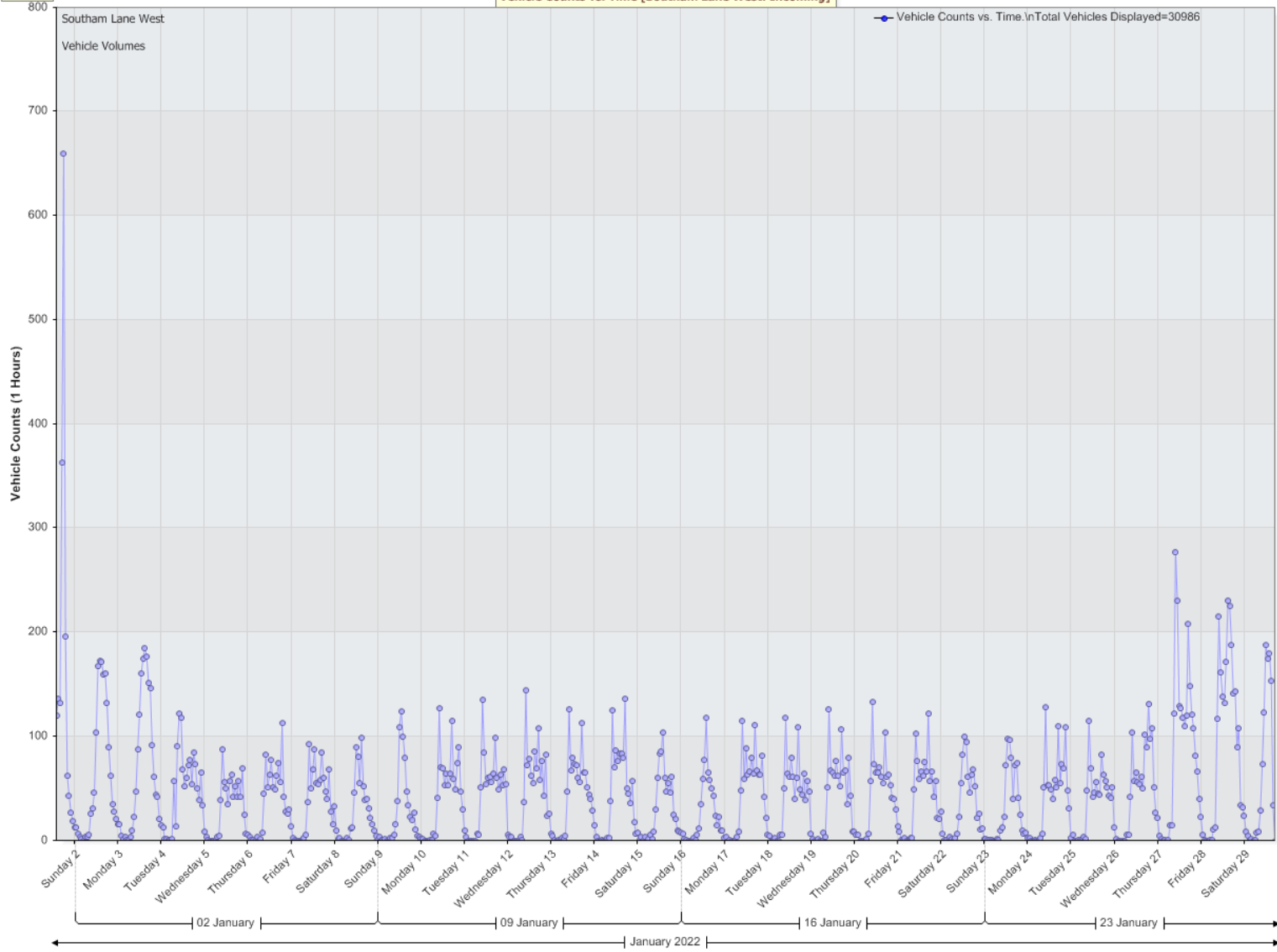
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

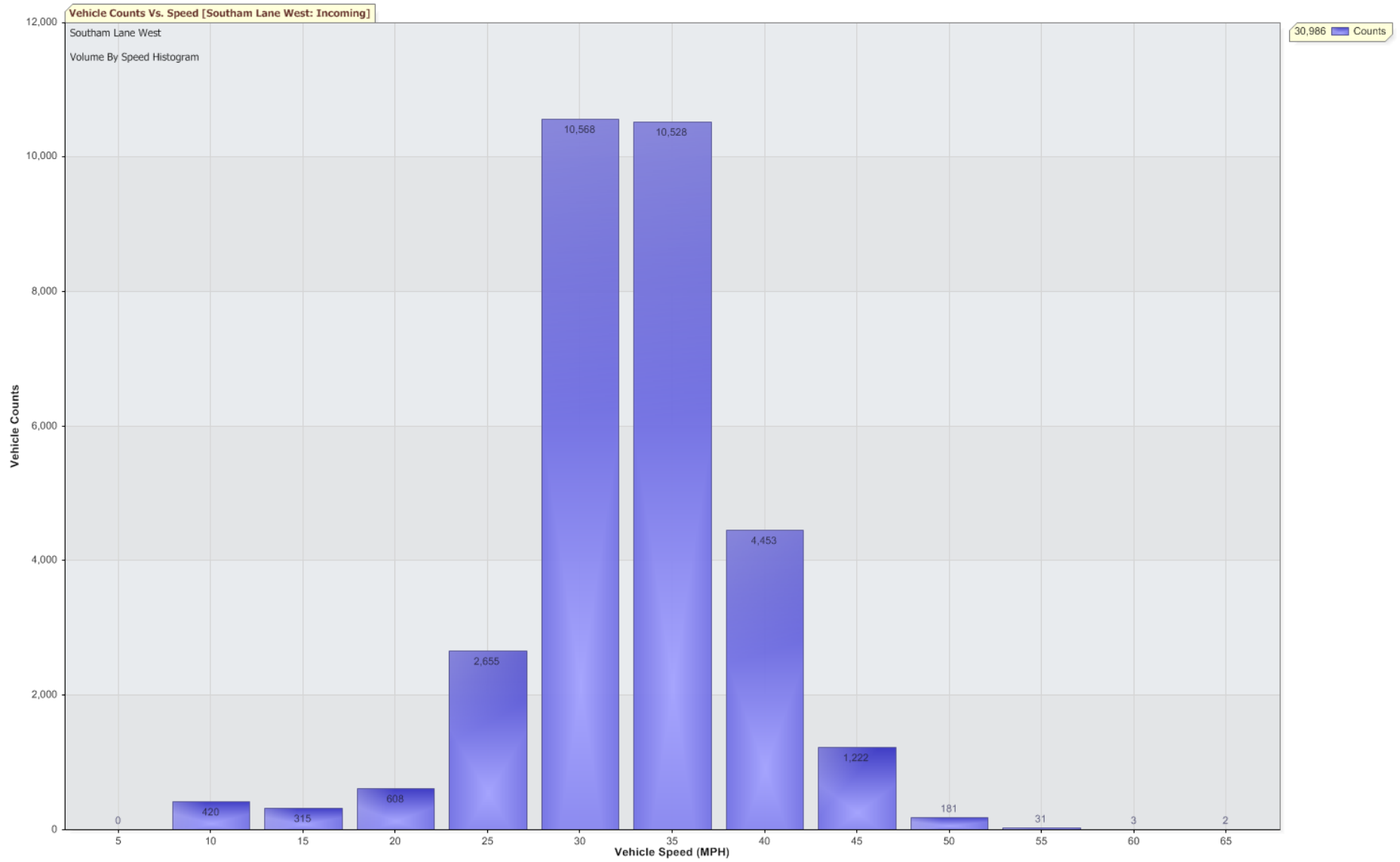


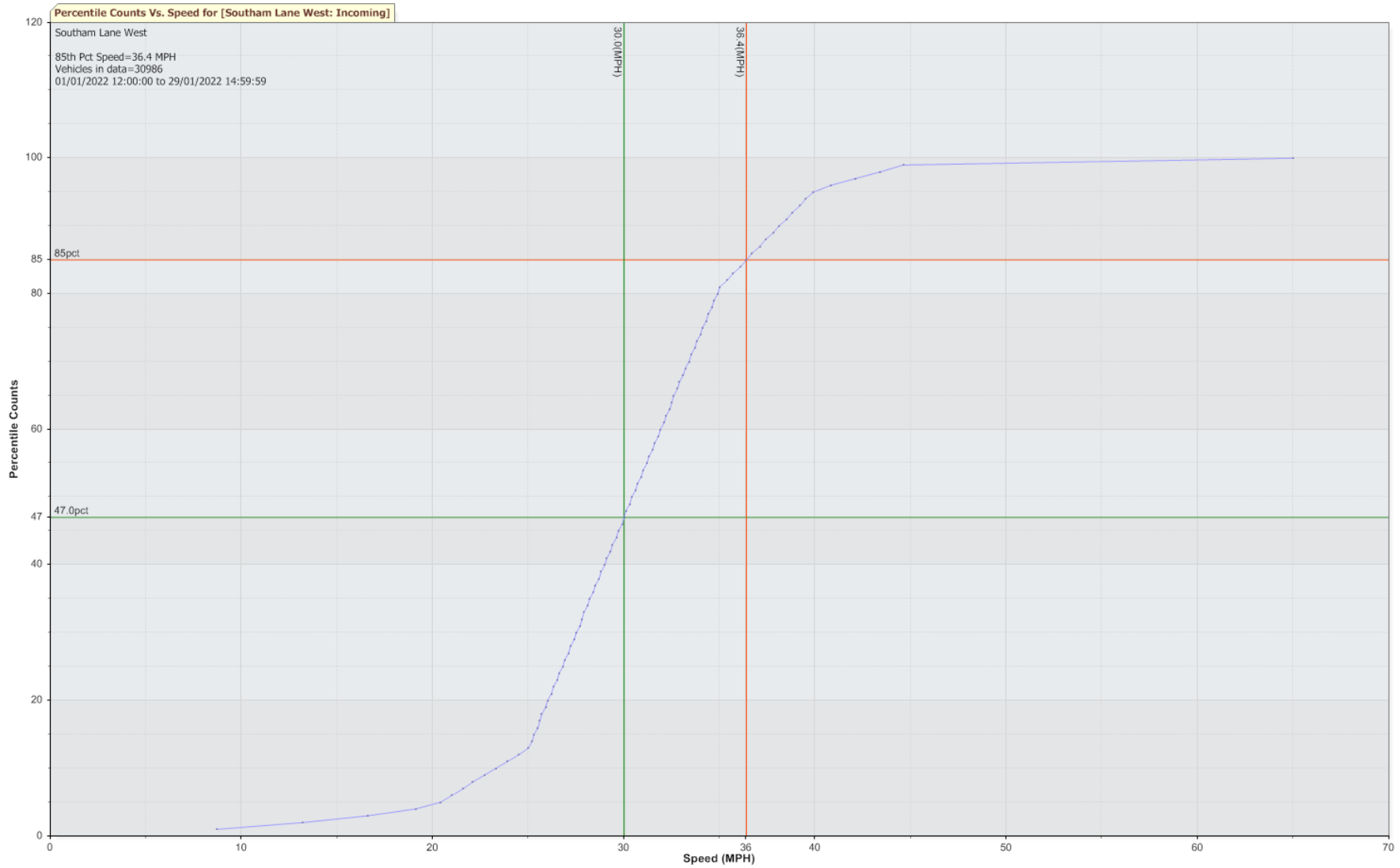
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 1802 cars per day. The average speed of motorized vehicles was 28.9 mph. 85% of all vehicles were travelling slower than 33.6 mph. The worst speeding event we had occurred at 21:00 on the 10th January 2022 when a vehicle was recorded travelling at 50 mph going out of the village. Traffic is travelling northwards on New Road. There has been little change in traffic given the closure of the junction between Southam Lane and the A435.

For Project: NewRoad_South1
Projects Notes/Address: New Road, at Toad Hall, unit facing South
Report Generated: 02/02/2022 08:20:58 PM
Speed Intervals = 5 MPH

Traffic Report From 08/01/2022 04:00:00 PM through 29/01/2022 01:59:59 PM

85th Percentile Speed = 33.6 MPH
85th Percentile Vehicles = 32,031 counts
Max Speed = 50.0 MPH on 10/01/2022 21:00:00
Total Vehicles = 37,684 counts
AADT: 1801.6

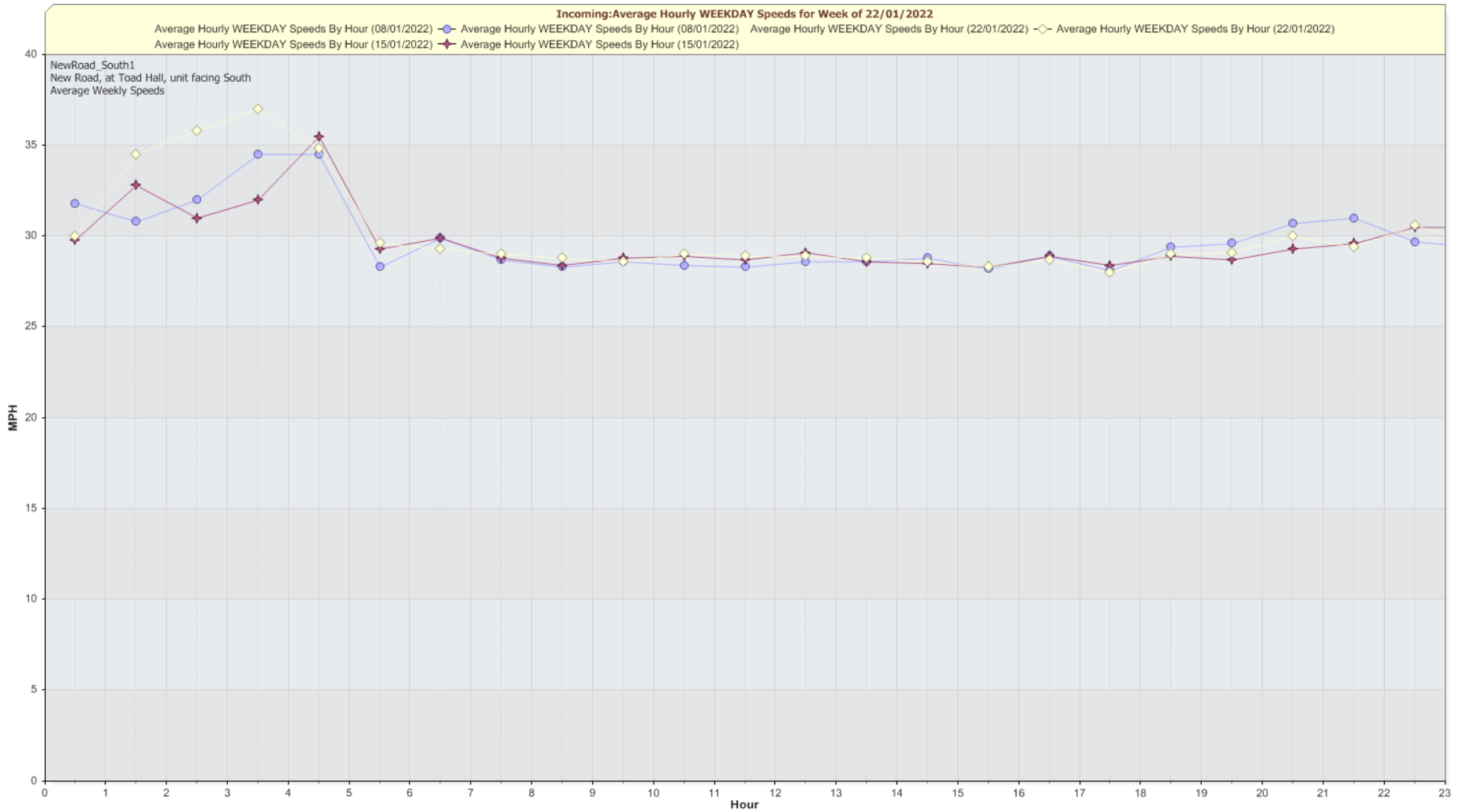
Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,909	1,741
AM Peak	08:00 to 09:00	176	138
PM Peak	04:00 to 05:00	209	195

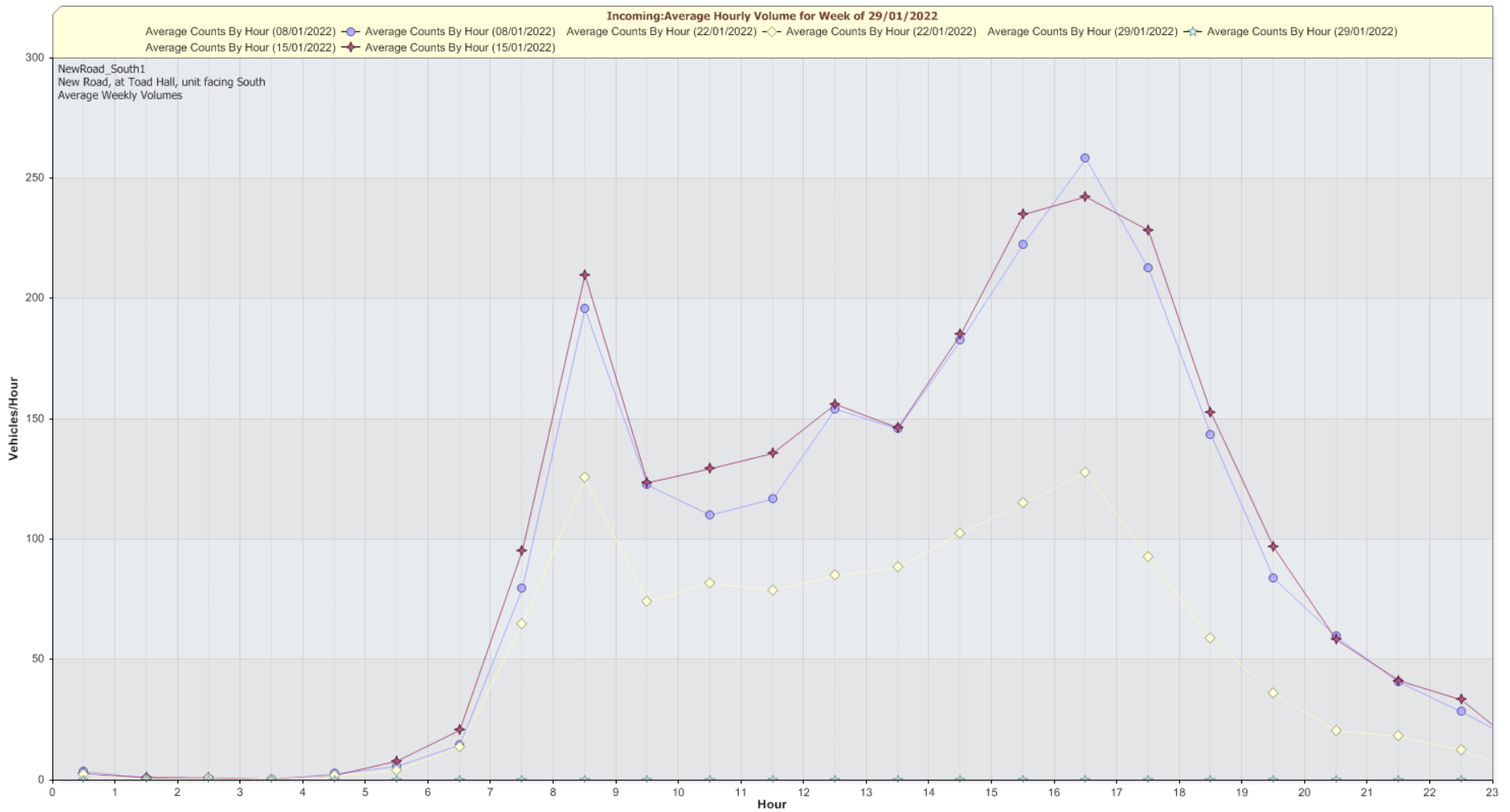
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 33.6 MPH
50th Percentile Speed: 28.8 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH (Interval with the most cars)
Average Speed: 28.9 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Count over limit	2405	2322	2308	1873	1807	1928	2032	(Totals over 3 days)
% over limit	38.2	37.1	37.3	38.6	35.9	43.5	44.2	(Average 39.3% over the period)
Avg Speeder	33.3	33.2	33.3	33.2	33.2	33.5	33.4	



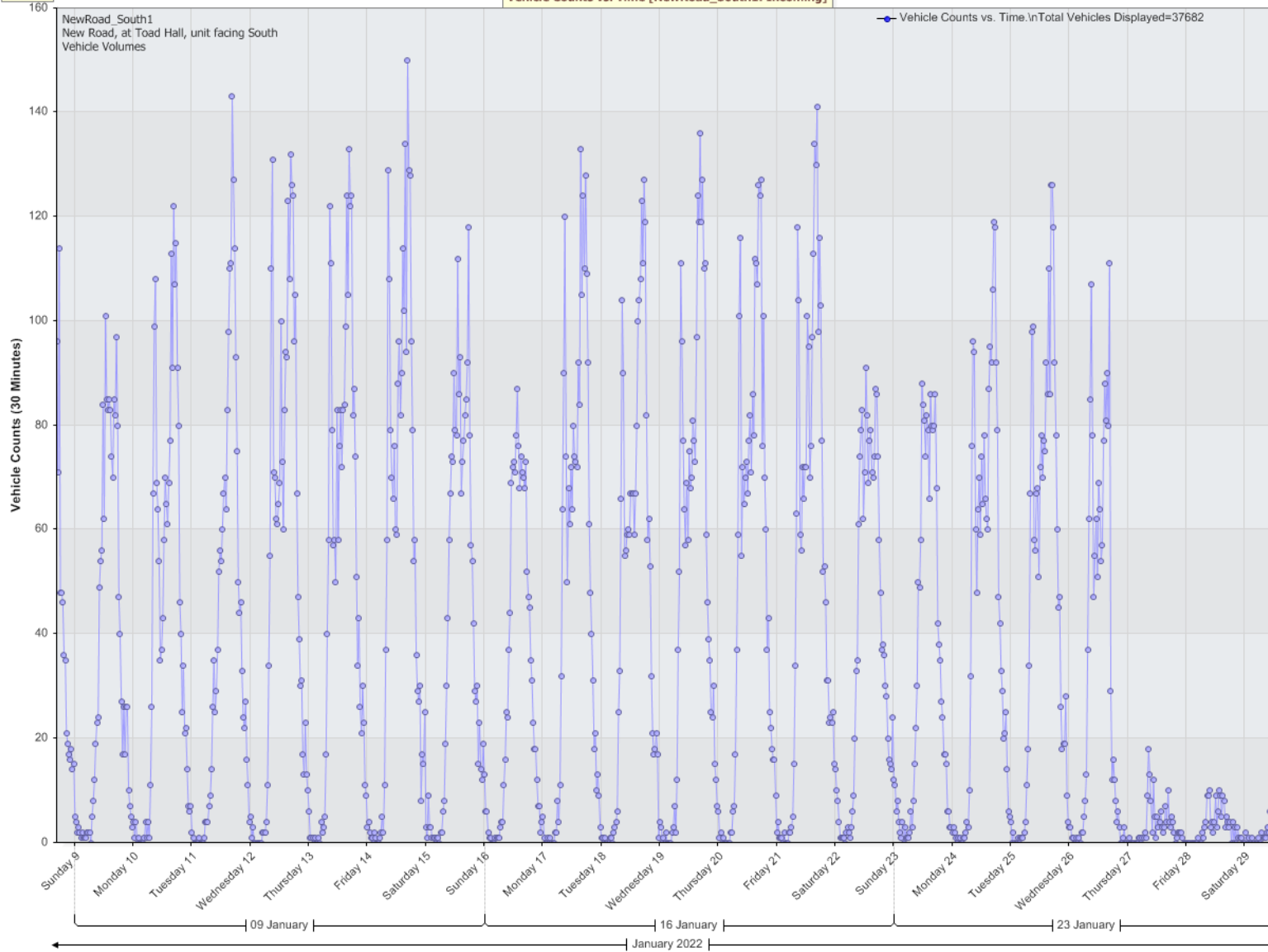
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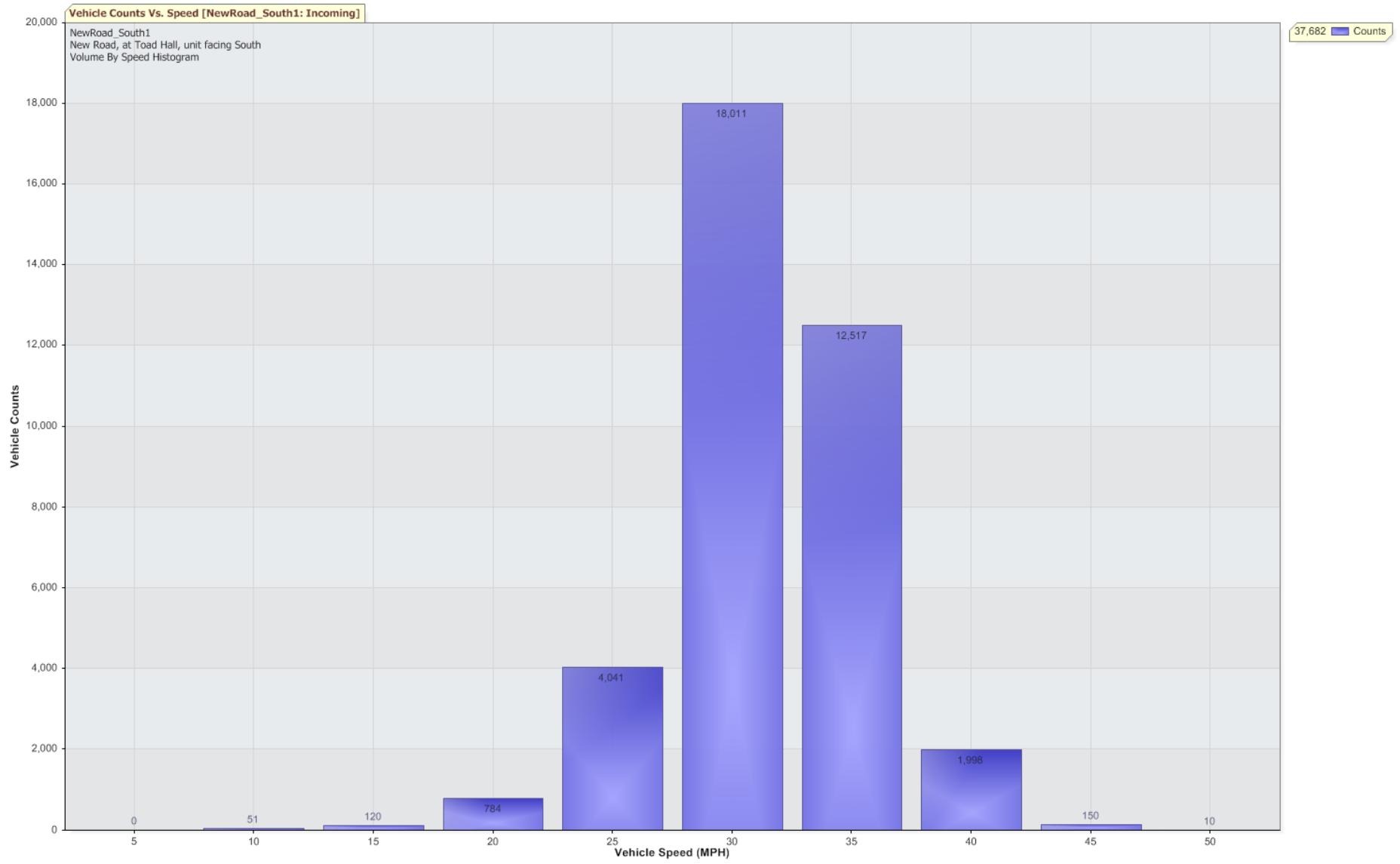


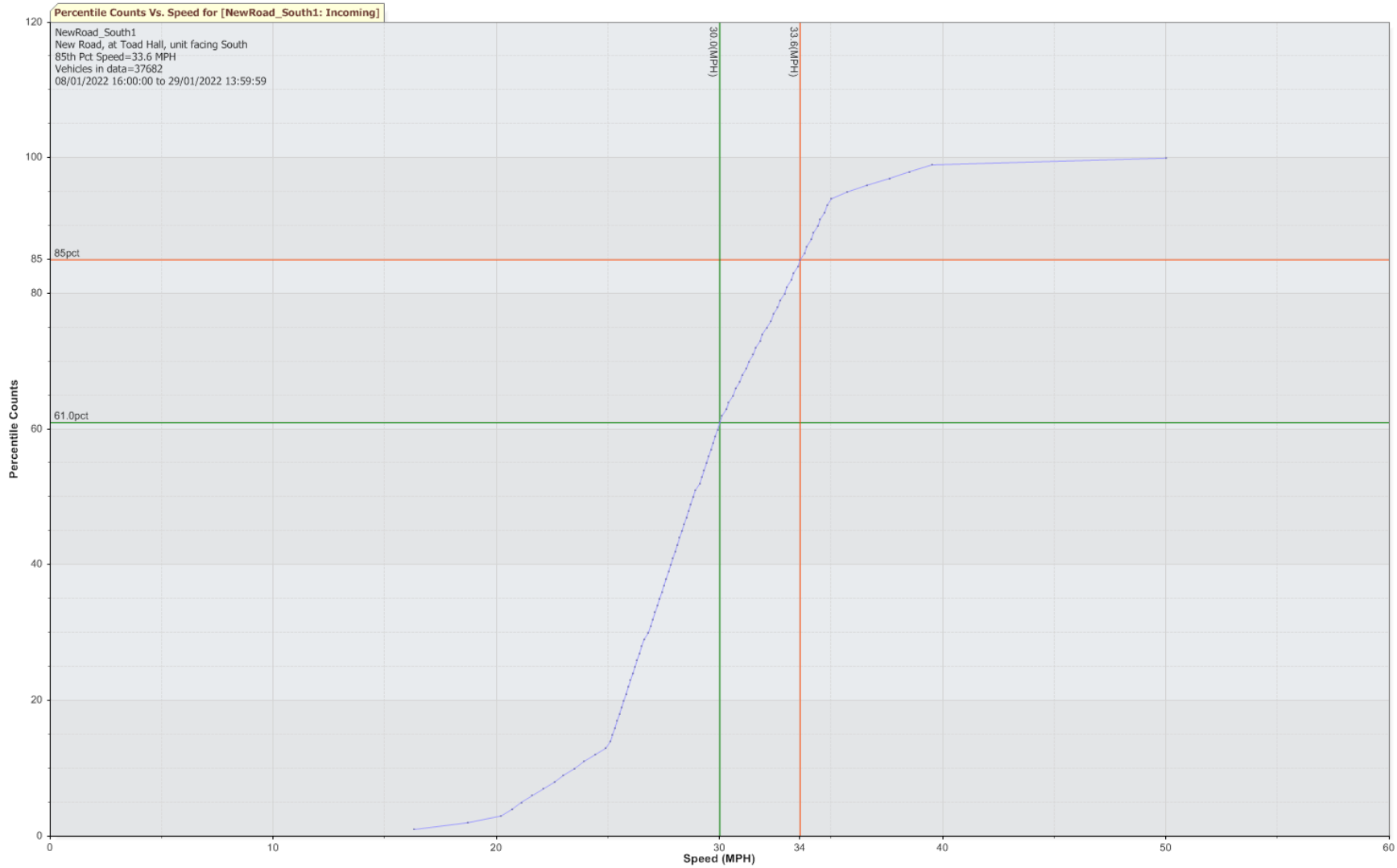
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Zoom help

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.