

Gargrave Parish Council Traffic Data – A65 West Bound (Park Croft) For Period 21st August to 27th September 2023

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The Parish Council is committed to reducing speed within the village.

The data shown is for the period of 5 weeks and 5 days (37 Days in total) between 21st August to 27th September which, has been collected from the Vehicle Activated Sign (VAS) approved by North Yorkshire Council. The VAS sign was deployed near the Park Croft entrance facing West approaching from Hellifield direction with the speed limit being 30 mph.

During this period the total vehicle count was **227,424 vehicles** with the daily average being **6,135** vehicles per day. The average speed during this period was **28.77 mph** and the highest speed recorded **was 65mph** at 00:00 on the 22nd August.

During this period there were **193,319** vehicles that exceeded the 30mph speed limit and this counts for **85%** of vehicles exceeding the 30mph speed limit. The average speed recorded at **34.7mph** which is the 85th percentile. This is the figure the Police and other authorities will use when considering changes to the speed limit and possible road layout.

TRAFFIC ANALYSIS

REPORT

For Project: A65 West - Park Croft Entrance
 Project Notes: A65 Near Park Croft Entrance approaching from the west (Hellifield)
 Location/Name: Incoming Direction
 Report Generated: 09/27/2023 16:27
 Speed Intervals: 5 MPH
 Time Intervals: 5
 Traffic Report From: 08/21/2023 14:35:00 through 09/27/2023 16:15:00
85th Percentile Speed 34.7 MPH
 85th Percentile Vehicles 193319
Max Speed 65 MPH on 08/22/2023 00:00:00
 Total Vehicles 227434
 AADT: 6135

Volumes -

weekly counts

Time	5 Day	7 Day
Average Daily	5809	6031
AM Peak	461	493
PM Peak	483	509

Speed

Speed Limit:	30						
85th Percentile Speed:	34.7						
Average Speed:	28.77						
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	4496	4635	4100	4186	4412	4413	4528
% over limit	13.5	13.6	13.4	13.9	13.1	13.9	13.3
Avg Speeder	38.9	39	39.1	39	39	39	38.9

Figure 1: Incoming Summary

The above figure shows a snapshot of the data retrieved from the VAS sign.

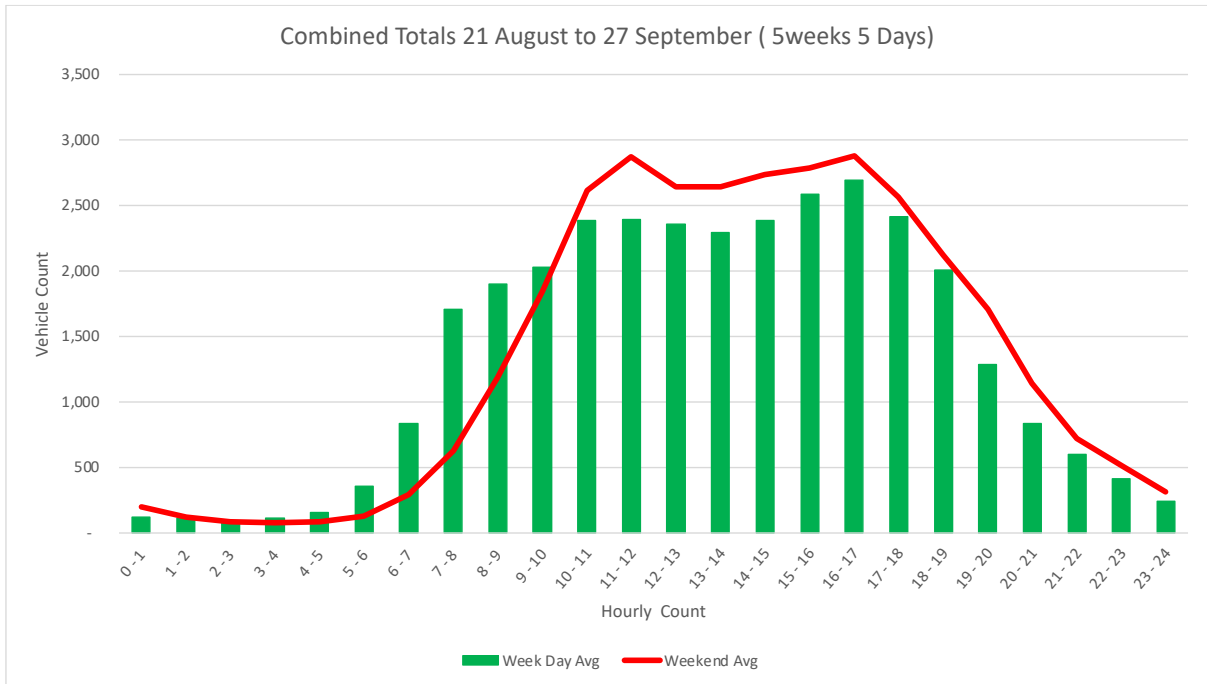


Figure 2: Combined August & September Totals

Combined 5-week average daily totals						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
33,309	34,014	30,587	30,084	33,574	31,717	34,149
14.65%	14.96%	13.45%	13.23%	14.76%	13.96%	15.01%

The above table is an illustration of the volume of traffic over 5-week (40 days) combined totals.

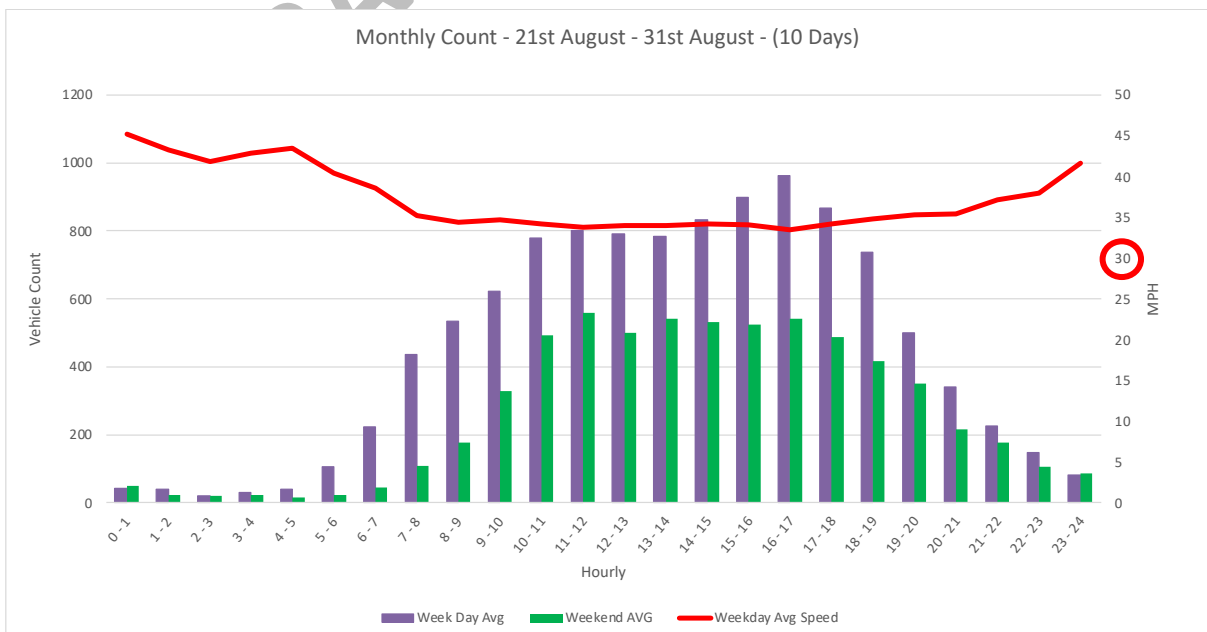


Figure 3: Incoming Monthly Count for August

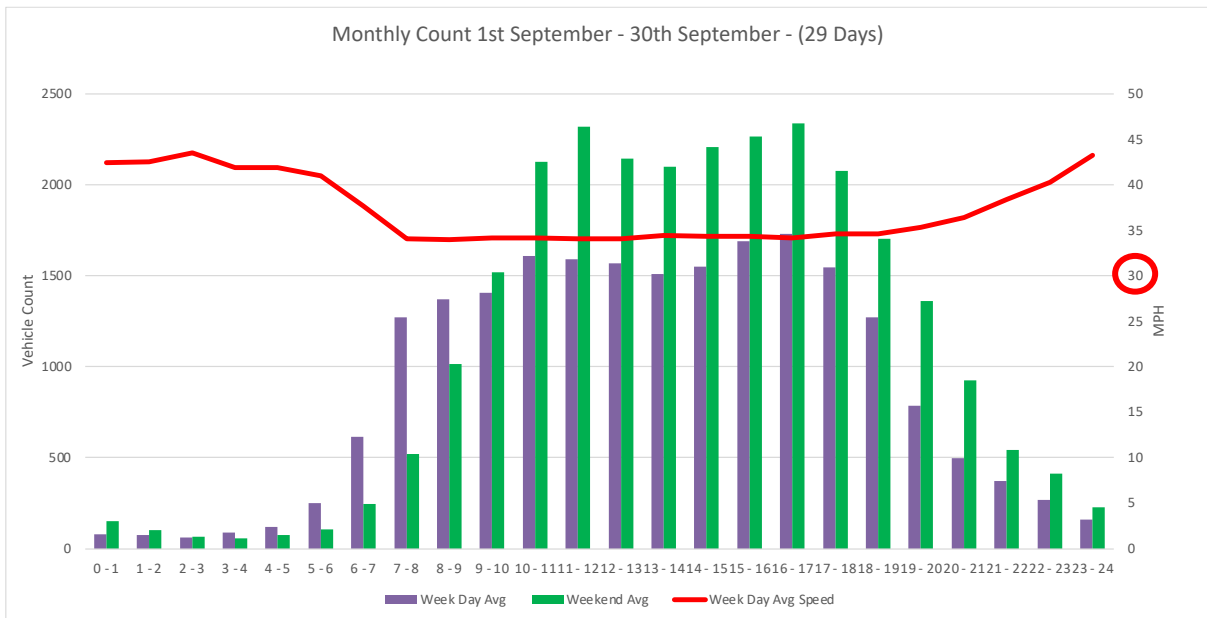


Figure 4: Incoming Monthly Count for September

The red line above shows average speed.

The 85th percentile speed is the speed at or below which 85 percent of the drivers travel on a road segment.

The following charts show the 85th Percentile Speeds which is what the Police and Authorities would use to change road layouts, reduce speed limits, and deploy Traffic Enforcement.

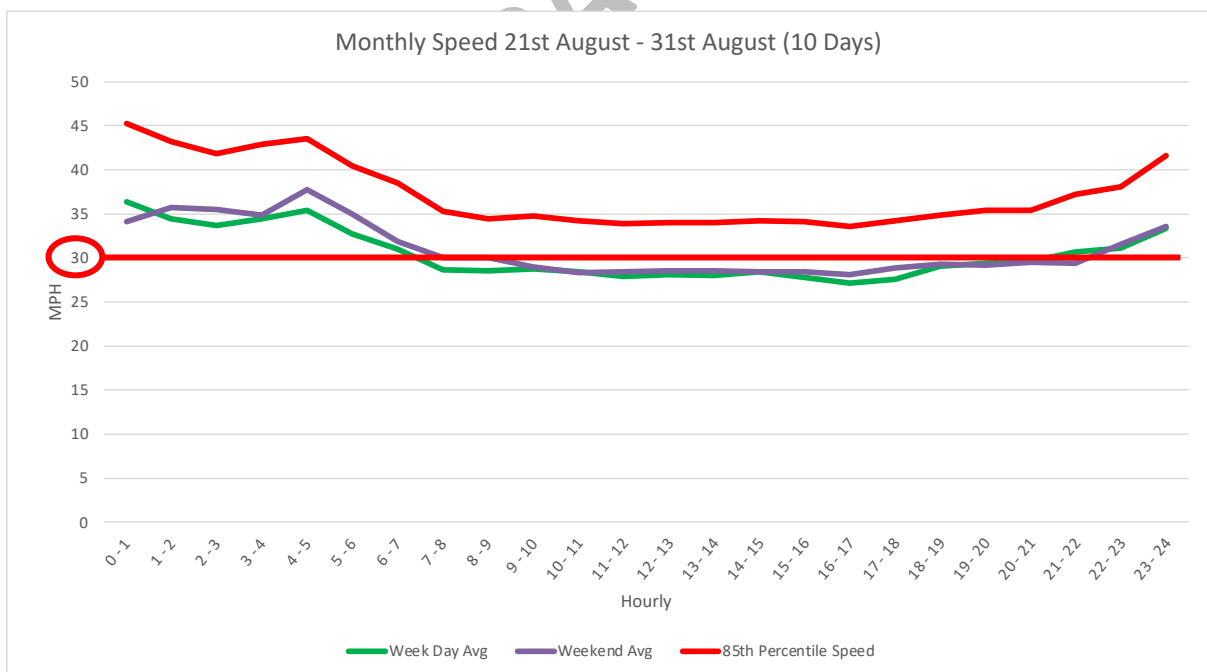


Figure 5: August 2023 85th Percentile

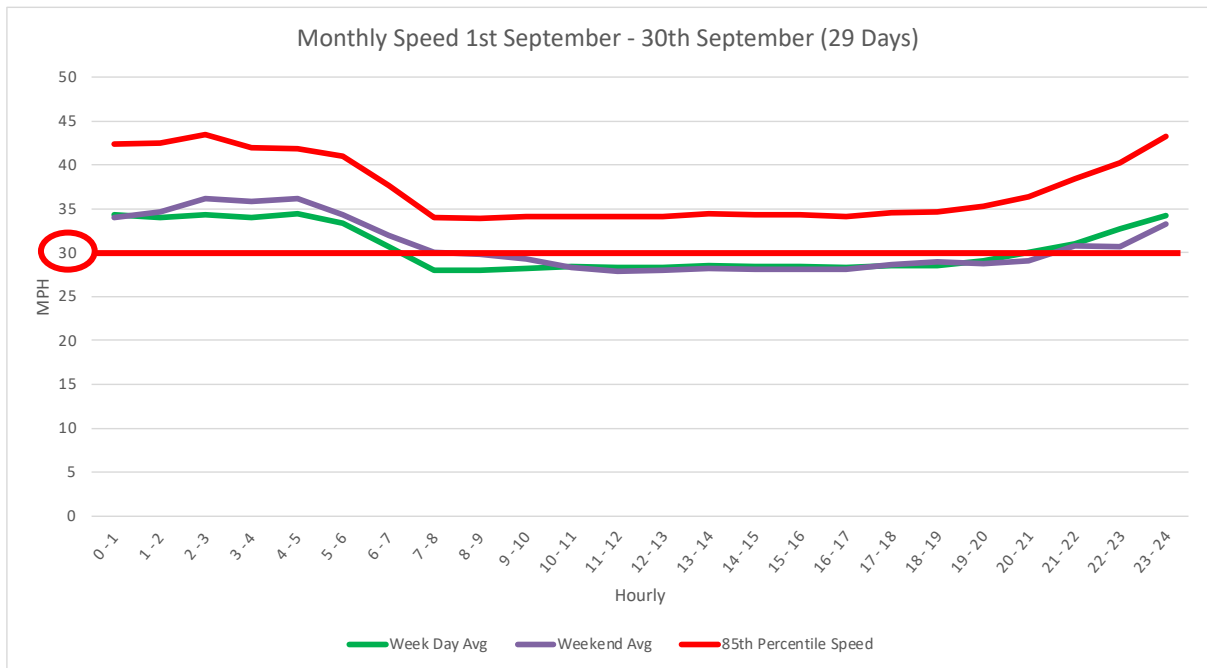


Figure6: September 2023 85th Percentile

In figures 5&6 above is an illustration of the weekday and weekend average speed. As you can see the 85th percentile speed is quite high with an average over the combined periods of 34.7mph.

GARGRAVE PARISH COUNCIL