

MVAS – Motor Vehicle Activated Signs

Monthly Report

December Report 2023



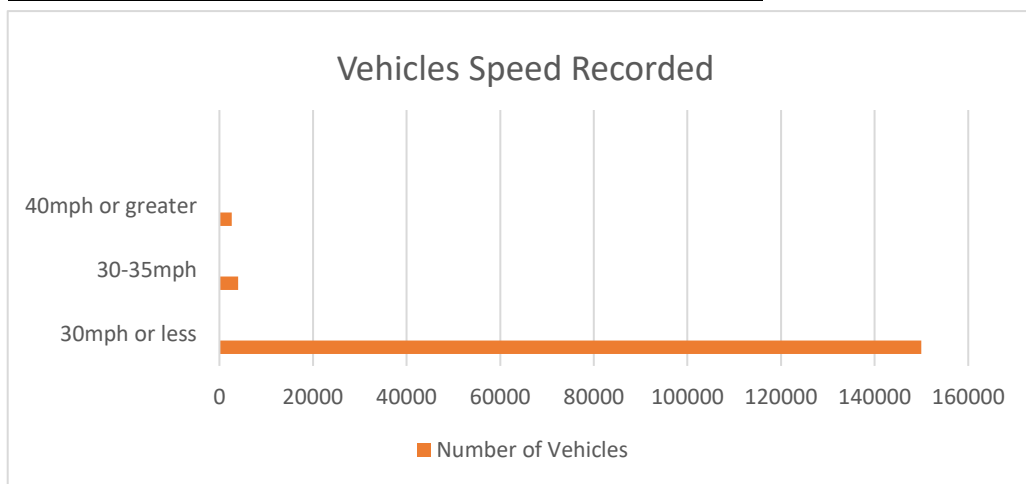
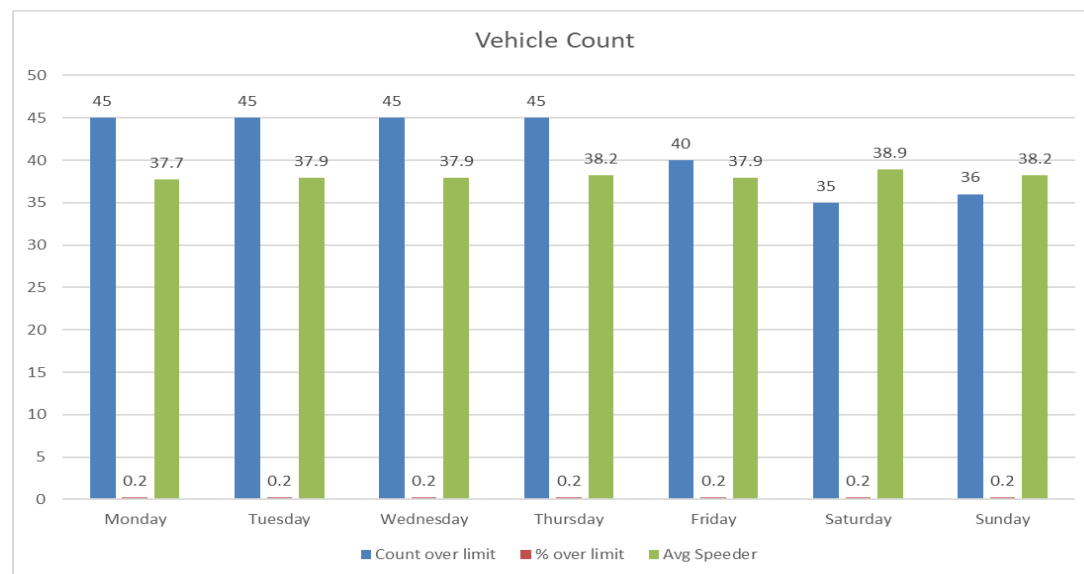
Project Location: Britwell Road (Post 4)

Dates: Monday 27th November 2023 @ 11.00.00 – Wednesday 29th December 2023 @ 12.59.59

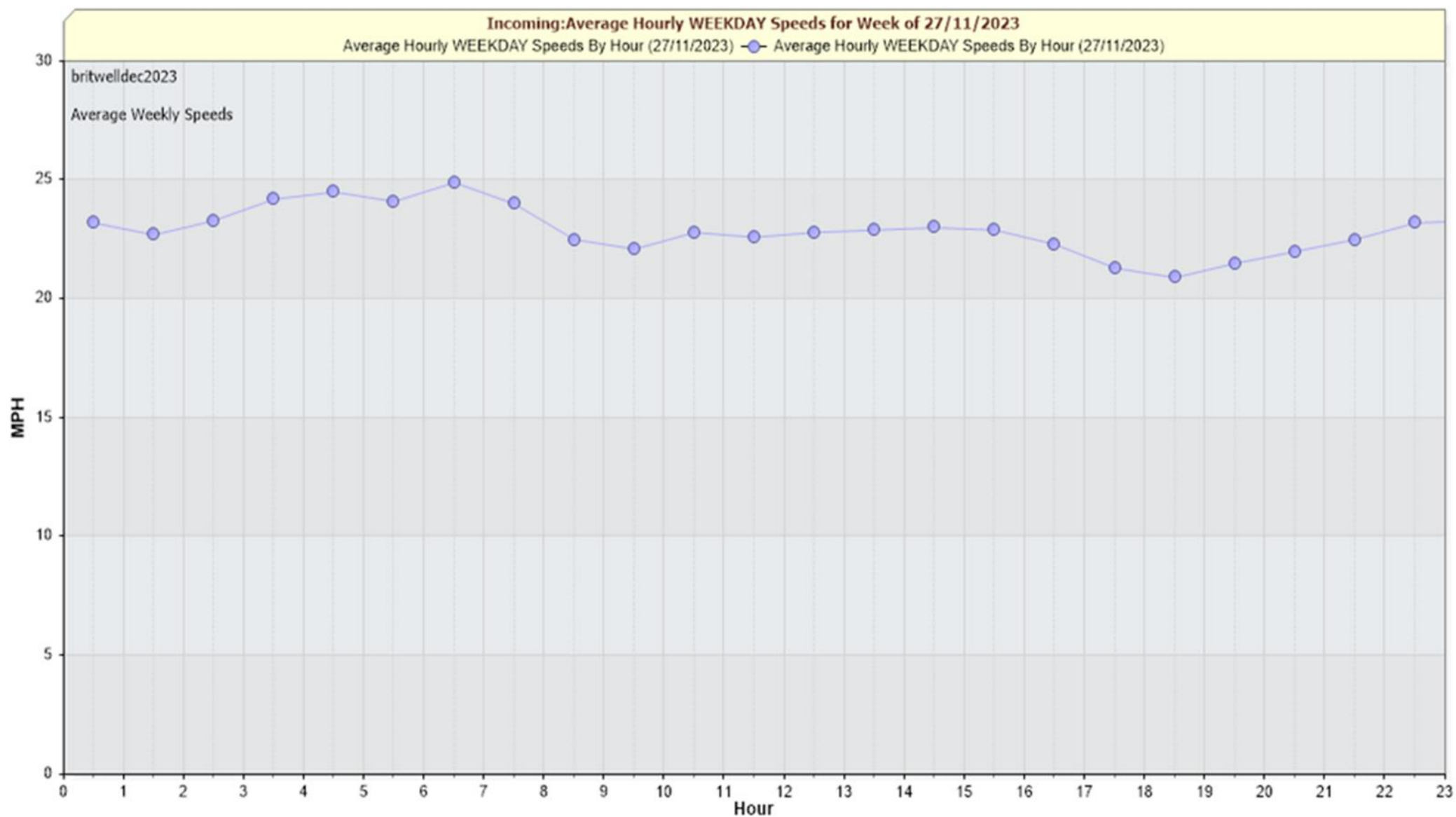
Direction: Next to planters opposite no 32

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|-------------------------|--------|---------|-----------|----------|--------|----------|--------|
| Count over limit | 45 | 45 | 45 | 45 | 40 | 35 | 36 |
| % over limit | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Average Speed | 37.7 | 37.9 | 37.9 | 38.2 | 37.9 | 38.9 | 38.2 |

| Traffic Report | |
|-------------------------------------|--|
| Total Vehicles | 155727 |
| Max Speed | 50mph on Friday 1st December 2023 @ 23:20:00 |
| AADT (Annual Average Daliy Traffic) | 4866 |
| Average Speeder | 22.39 |



| Volumes- weekly vehicle count | Time | 5 Day | 7 Day |
|-------------------------------|-------|-------|-------|
| Average Daliy | | 4926 | 4681 |
| AM Peak | 9:00 | 392 | 322 |
| PM Peak | 18:00 | 420 | 385 |





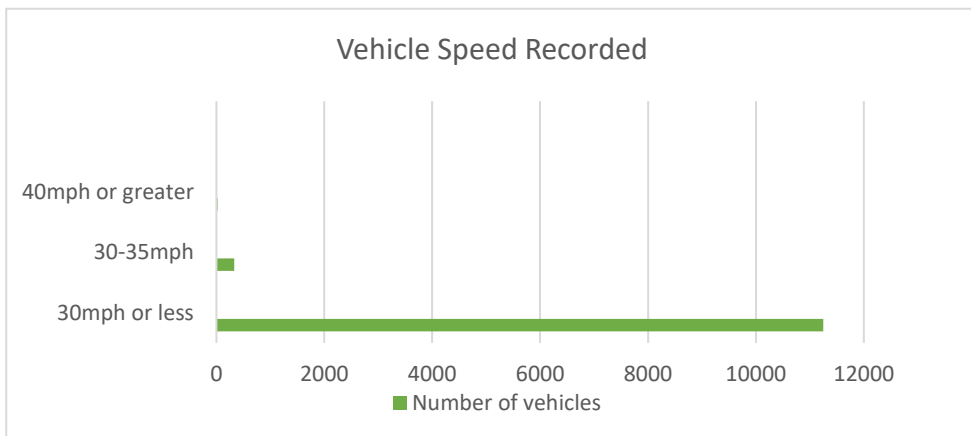
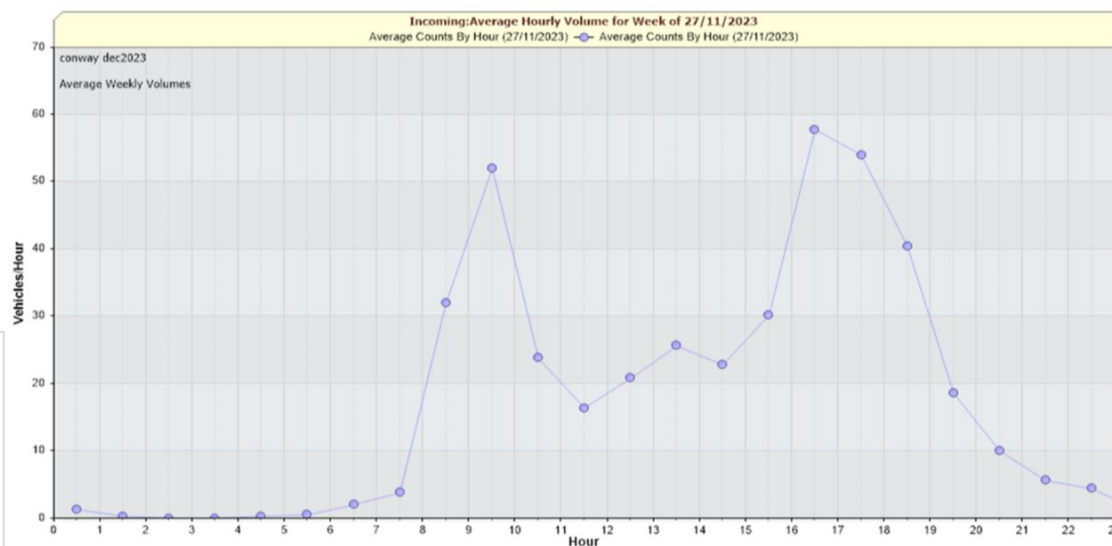
Project Location: Conway Road (Post 3)

Dates: Monday 27th November 2023 @ 09:00:00 – Friday 29th December 2023 @ 09:59:59

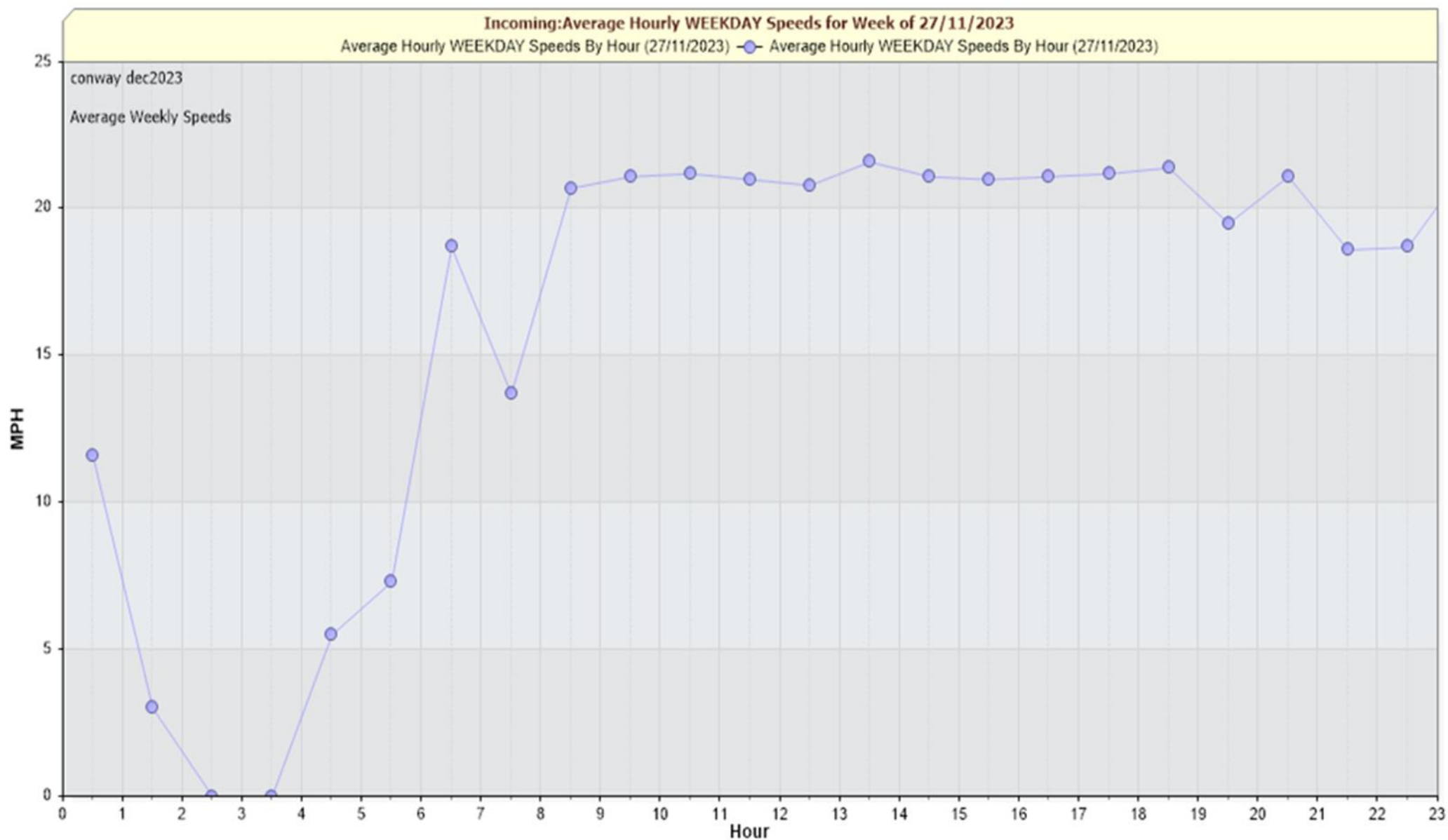
Directions: Grass verge outside No 30

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|------------------|--------|---------|-----------|----------|--------|----------|--------|
| Count over limit | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| % over limit | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Average Speeder | NaN | 42.5 | NaN | NaN | NaN | NaN | NaN |

| Traffic Report | |
|-------------------------------------|--|
| Total Vehicles | 11598 |
| Max Speed | 45mph on Tuesday 28th November 2023 @ 17:25:00 |
| AADT (Average Annual Daliy Traffic) | 361 |
| Average Speeder | 20.87 |



| Volumes- weekly vehicle count | Time | 5 Day | 7 Day |
|-------------------------------|-------|-------|-------|
| Average Daliy | | 369 | 347 |
| AM Peak | 09.00 | 37 | 28 |
| PM Peak | 16.00 | 47 | 43 |



Project Location: Dropmore Road - Poyle Lane (Post 1)

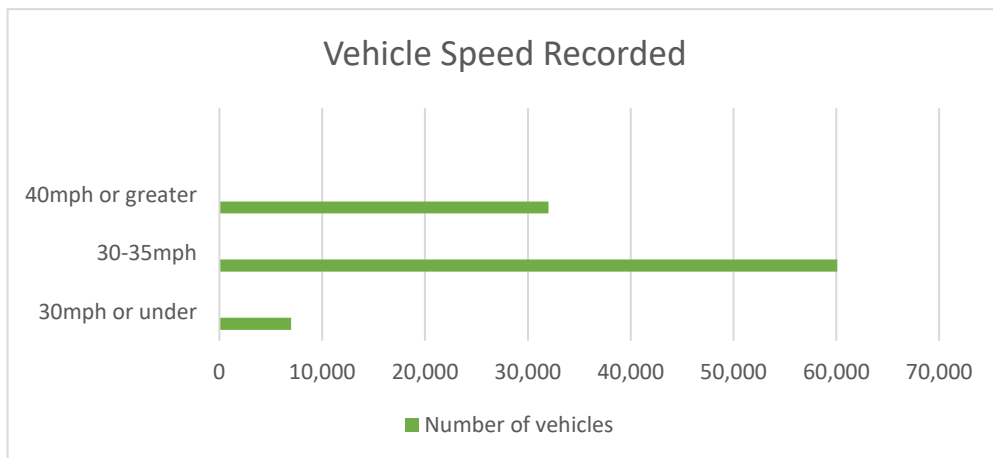
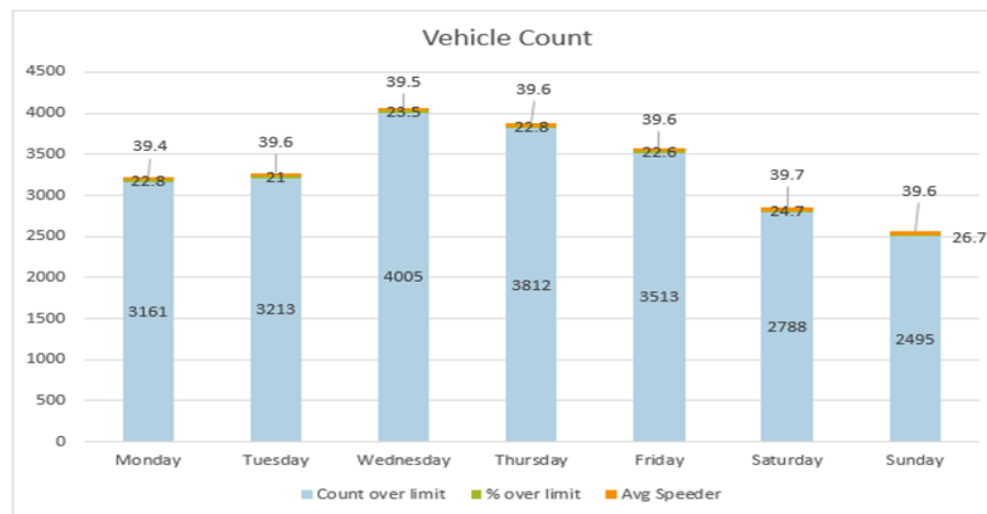
Dates: Monday 27th November 2023 @ 10:00:00 – Friday 29th December 2023 @ 10:59:59

Directions: Opposite Poyle Lane turning



| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|-------------------------|--------|---------|-----------|----------|--------|----------|--------|
| Count over limit | 3161 | 3213 | 4005 | 3812 | 3513 | 2788 | 2495 |
| % over limit | 22.8 | 21.0 | 23.5 | 22.8 | 22.6 | 24.7 | 26.7 |
| Average Speeder | 39.6 | 39.5 | 39.5 | 39.6 | 39.6 | 39.7 | 39.6 |

| Traffic Report | |
|-------------------------------------|---|
| Total Vehicles | 99092 |
| Max Speed | 75mph on Friday 15th December 2023 @ 18:20:00 |
| AADT (Annual Average Daliy Traffic) | 3092 |
| Average Speed | 30 |



| Volumes – Weekly Vehicle Count | Time | 5 Day | 7 Day |
|---------------------------------------|-------------|--------------|--------------|
| Average Daliy | | 3139 | 2978 |
| AM Peak | 9:00 | 259 | 206 |
| PM Peak | 18:00 | 311 | 279 |

Randomly selected dates for comparison

Friday 15th December 2023

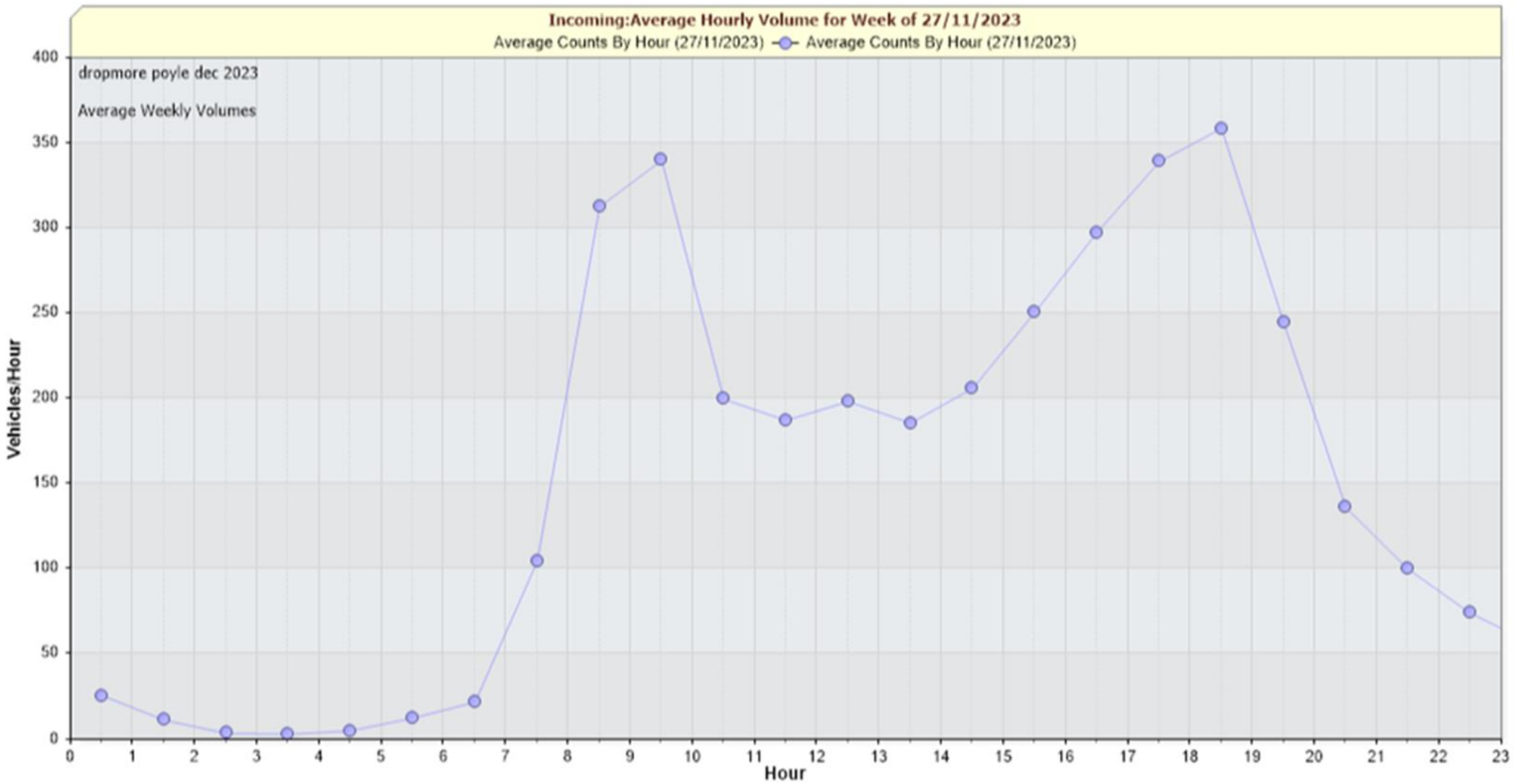
| 5 to <10 | 10 to <15 | 15 to <20 | 20 to <25 | 25 to <30 | 30 to <35 | 35 to <40 | 40 to <45 | 45 to <50 | 50 to <55 | 55 to <60 | 60 to <65 | 65 to <70 | 70 to >75 | 75 to <80 |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 11 | 86 | 280 | 722 | 1041 | 1002 | 569 | 192 | 47 | 11 | 3 | 1 | 0 | 1 | 0 |

Monday 18th December 2023

| 5 to <10 | 10 to <15 | 15 to <20 | 20 to <25 | 25 to <30 | 30 to <35 | 35 to <40 | 40 to <45 | 45 to <50 | 50 to <55 | 55 to <60 | 60 to <65 | 65 to <70 | 70 to >75 | 75 to <80 |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 5 | 37 | 163 | 516 | 855 | 854 | 559 | 220 | 38 | 10 | 4 | 0 | 0 | 0 | 0 |

Friday 22nd December 2023

| 5 to <10 | 10 to <15 | 15 to <20 | 20 to <25 | 25 to <30 | 30 to <35 | 35 to <40 | 40 to <45 | 45 to <50 | 50 to <55 | 55 to <60 | 60 to <65 | 65 to <70 | 70 to >75 | 75 to <80 |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 12 | 48 | 157 | 479 | 756 | 849 | 611 | 232 | 63 | 19 | 4 | 1 | 0 | 0 | 0 |





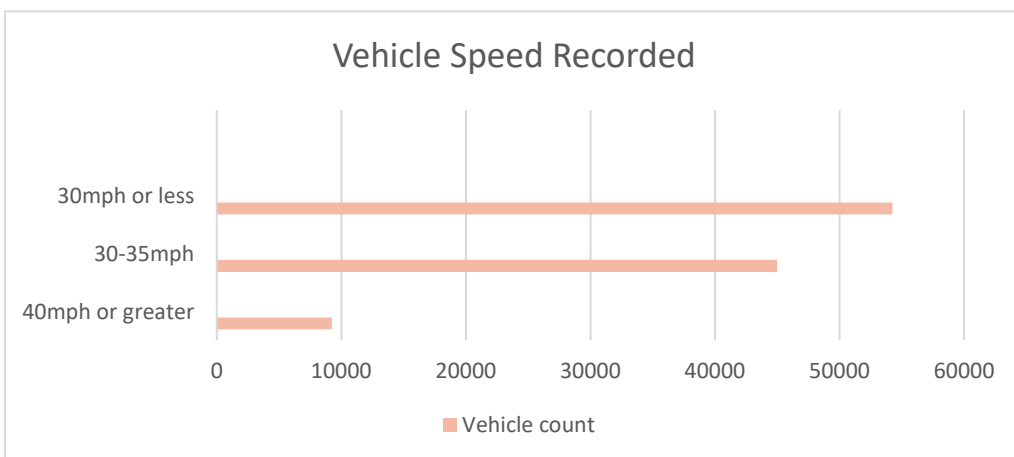
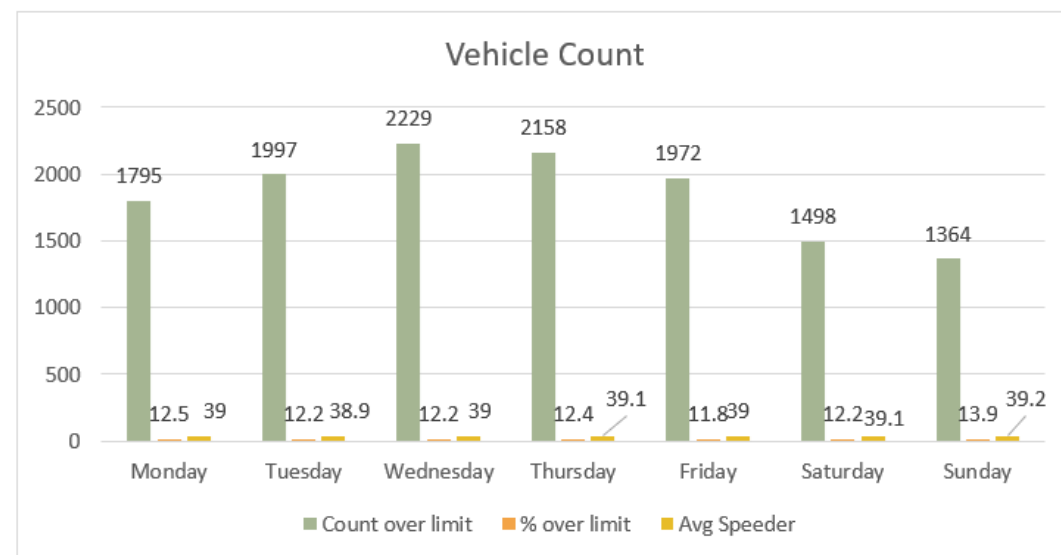
Project Location: Dropmore Road - Norlands Drive (Post 2)

Dates: Monday 27th November 2023 @ 10:00:00 – Friday 29th December 2023 @10:59:59

Directions: On verge by Norelands Drive turning

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|------------------|--------|---------|-----------|----------|--------|----------|--------|
| Count over limit | 1795 | 1997 | 2229 | 2158 | 1972 | 1498 | 1364 |
| % over limit | 12.5 | 12.2 | 12.2 | 12.4 | 11.8 | 12.2 | 13.9 |
| Average Speeder | 39.0 | 38.9 | 39.0 | 39.1 | 39.0 | 39.1 | 39.2 |

| Traffic Report | |
|-------------------------------------|---|
| Total Vehicles | 105296 |
| Max Speed | 70mph on 6 th December 2023 @ 16:45;00 |
| AADT (Annual Average Daliy Traffic) | 3286 |
| Average Speed | 28.98 |



| Volumes – Weekly vehicle count | Time | 5 Day | 7 Day |
|--------------------------------|-------|-------|-------|
| Average Daliy | | 3326 | 3166 |
| AM Peak | 9:00 | 273 | 227 |
| PM Peak | 17:00 | 315 | 280 |

Randomly selected dates for comparison

Monday 27th November 2023

| 5 to <10 | 10 to <15 | 15 to <20 | 20 to <25 | 25 to <30 | 30 to <35 | 35 to <40 | 40 to <45 | 45 to <50 | 50 to <55 | 55 to <60 | 60 to <65 | 65 to <70 | 70 to >75 | 75 to <80 |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2 | 17 | 106 | 453 | 987 | 708 | 231 | 44 | 10 | 1 | 0 | 1 | 0 | 0 | 0 |

Wednesday 6th December 2023 (Max Speed 70mph)

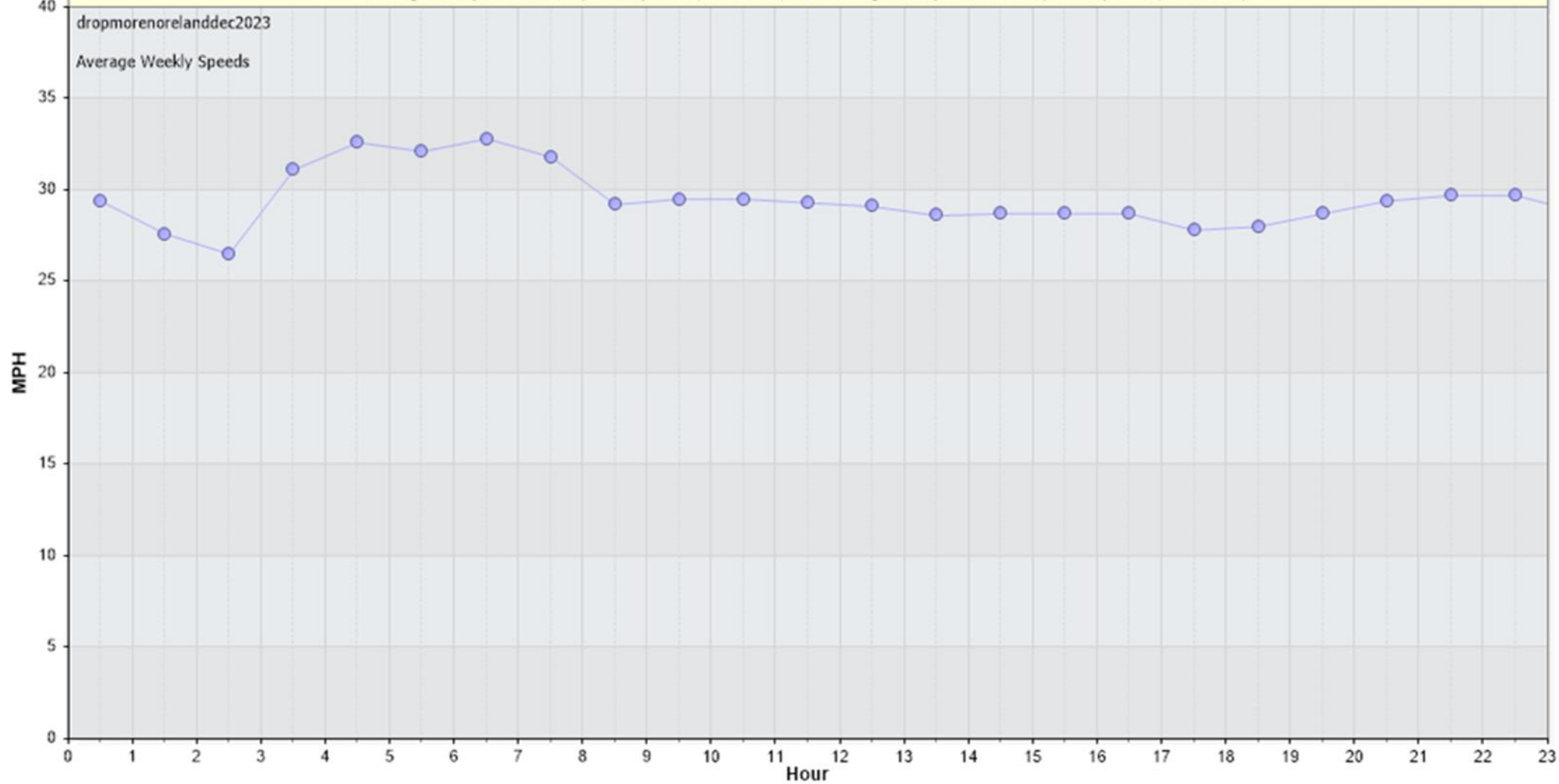
| 5 to <10 | 10 to <15 | 15 to <20 | 20 to <25 | 25 to <30 | 30 to <35 | 35 to <40 | 40 to <45 | 45 to <50 | 50 to <55 | 55 to <60 | 60 to <65 | 65 to <70 | 70 to >75 | 75 to <80 |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 5 | 21 | 125 | 546 | 1336 | 988 | 348 | 88 | 18 | 3 | 0 | 0 | 1 | 0 | 0 |

Sunday 17th December 2023

| 5 to <10 | 10 to <15 | 15 to <20 | 20 to <25 | 25 to <30 | 30 to <35 | 35 to <40 | 40 to <45 | 45 to <50 | 50 to <55 | 55 to <60 | 60 to <65 | 65 to <70 | 70 to >75 | 75 to <80 |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2 | 19 | 89 | 389 | 896 | 769 | 247 | 66 | 20 | 4 | 2 | 0 | 2 | 0 | 0 |

Incoming: Average Hourly WEEKDAY Speeds for Week of 27/11/2023

Average Hourly WEEKDAY Speeds By Hour (27/11/2023) — Average Hourly WEEKDAY Speeds By Hour (27/11/2023)



Glossary

| | |
|---|---|
| <p>MVAS</p> | <ul style="list-style-type: none"> → A Movable Vehicle Activated Sign (MVAS) is a road sign usually triggered by the speed of the vehicle → The MVAS can be moved from site to site. → The MVAS will flash a speed warning for vehicles exceeding the speed limit (30mph). → It will also record data that can be used to monitor the volume of traffic during a particular period as well as on a daily basis. → More importantly it will give us information on the speeding cars (the speed they are travelling and at what time of the day). → MVAS have a short-lived effectiveness in reducing speeds, as unfortunately drivers become too familiar with them when they are situated in one particular location for long periods of time. → They can be very effective when positioned near downhill gradients reminding drivers who may be inadvertently speeding |
| <p>AADT</p> | <ul style="list-style-type: none"> → Annual average daily traffic, abbreviated AADT and is a simple, but useful, measurement of how busy the road is. → Traditionally, it is the total volume of vehicle traffic of a highway or road for a year divided by 365 days |
| <p>85th Percentile Speed (mph)</p> | <ul style="list-style-type: none"> → The 85th percentile speed is the speed at or below which 85 percent of the drivers travel on a road segment. → Motorists travelling above the 85th percentile speed is considered to be exceeding the safe and reasonable speed for road and traffic conditions. → The 85th percentile speed should be taken from speed data collected during a 24-hour weekday period. → Typically, the data are collected with commercially available roadside units which sort and present the results in text as well as graphical format |