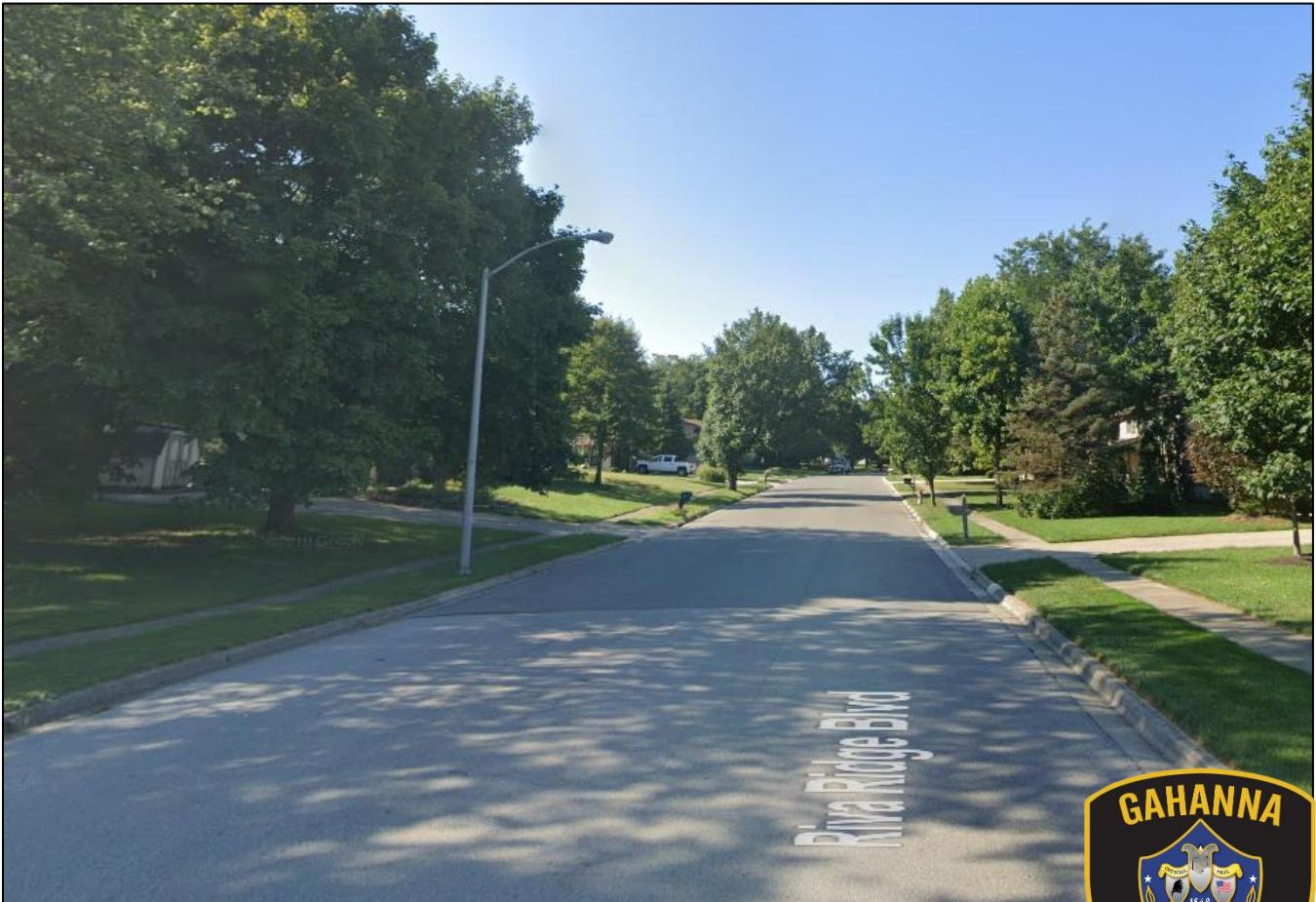


# **Gahanna Division of Police**

Jeffrey B. Spence, Chief of Police



## **Field Services Subdivision Traffic Survey**

**Riva Ridge Boulevard 6-23-22 to 7-4-22**

---

460 Rocky Fork Blvd.

Gahanna, Ohio 43230  
614-342-4240

[WWW.GAHANNA.GOV](http://WWW.GAHANNA.GOV)

**Survey Device:** Speed Monitoring and Notification Device (SMND) # **1129**

**Survey Operator:** Lt. Ethan Moffitt # L-58

**Device Location:** Riva Ridge Boulevard just northeast of Pimlico Drive

**Device Direction:** Northeast (facing traffic approaching Pimlico Drive from Tim Tam Avenue)

**Speed Limit:** 25 MPH

**Survey Dates:** 06-23-22 to 07-04-22

**Survey Reason:** Resident request for speed mitigation passed onto an officer while on patrol in the neighborhood.

### **Summary –**

On 06-23-22 SMND # 1129 was deployed on Riva Ridge Boulevard in the area of Pimlico Drive. Riva Ridge Boulevard is associated with previous neighborhood complaints of excessive speed on the northern portion of the roadway.

The device recorded the speed of 13,200 vehicles. There were 5376 vehicles, or just over 40%, going over the speed limit and 7824, or almost 60%, going under the speed limit. Of those vehicles going over the speed limit, their average speed was just under 29 MPH. The 85<sup>th</sup> percentile speed was 29 MPH, meaning that 85% of the vehicles were traveling at a speed of 29 MPH or less.

There were 179 vehicles, or 1%, traveling at a speed of 35 MPH or greater. The overall average speed was just under 23 MPH, indicating that the presence of the device was an effective mitigation measure.

# Gahanna Division of Police

## Survey Description

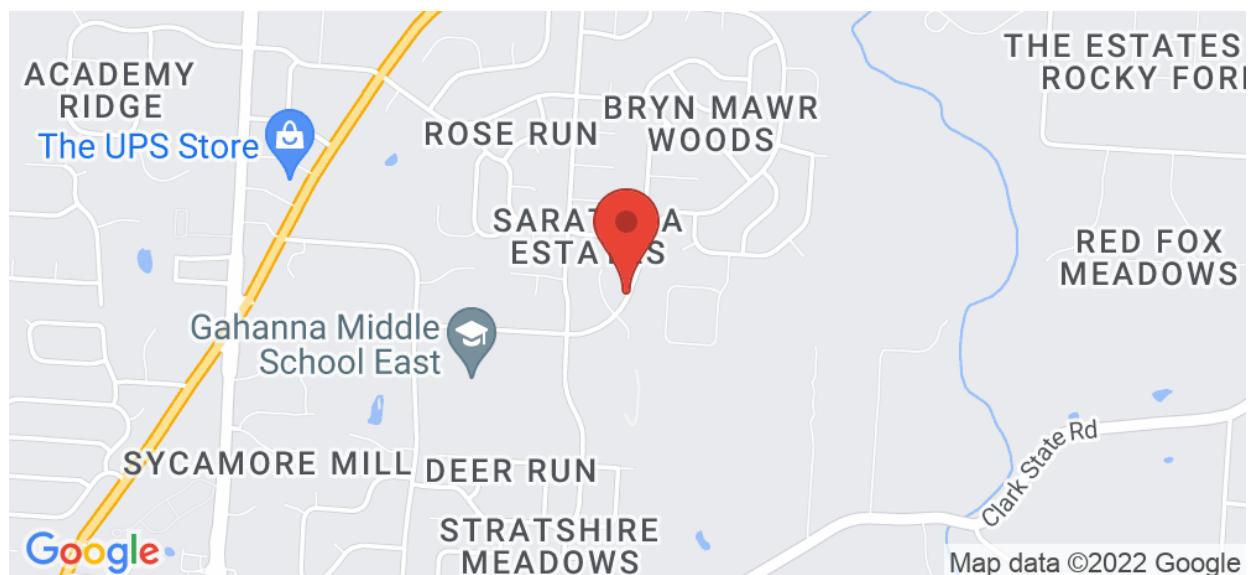
### Survey Details

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>Survey Location</b>        | 840 Riva Ridge Boulevard, Gahanna, OH                                    |                           |
| <b>Survey GPS Coordinates</b> | 40.039132,-82.851274   |                           |
| <b>Survey Dates</b>           | <b>Start</b>   | <b>Stop</b>               |
|                               | Thursday, 6/23/2022 12:50 PM   | Monday, 7/4/2022 12:22 PM |
| <b>Posted Speed Limit</b>     | 25 ( mph)  |                           |
| <b>Traffic Zone</b>           | Normal   |                           |
| <b>File Name</b>              | RivaRidge@Pimlico_June 2022_SurveyDataFile@2022-07-08_12-25-32_SMND2.xml |                           |
| <b>Device Type</b>            | Traffic Trailer  |                           |
| <b>Device Serial Number</b>   | SNAA000000   |                           |
| <b>Survey Note</b>            | Riva Ridge June 2022 SMND-2  |                           |

### Total Vehicle Count

|                          |                            |                         |
|--------------------------|----------------------------|-------------------------|
| <i>Traffic Direction</i> | <b>Southwest (Closing)</b> | <b>Northeast (Away)</b> |
| <i>Vehicle Count</i>     | 6508                       | 6557                    |

### Survey Map



# Gahanna Division of Police

## Survey Summary

### Survey Description

|                               |                                       |                           |
|-------------------------------|---------------------------------------|---------------------------|
| <b>Survey Location</b>        | 840 Riva Ridge Boulevard, Gahanna, OH |                           |
| <b>Survey GPS Coordinates</b> | 40.039132,-82.851274                  |                           |
| <b>Survey Dates</b>           | <b>Start</b>                          | <b>Stop</b>               |
|                               | Thursday, 6/23/2022 12:50 PM          | Monday, 7/4/2022 12:22 PM |
| <b>Posted Speed Limit</b>     | 25 ( mph)                             |                           |
| <b>Traffic Zone</b>           | Normal                                |                           |

### Survey Result

|   |                          |                          |                       |
|---|--------------------------|--------------------------|-----------------------|
| <b>Total Vehicle Count</b>                          | 13065                    |                          |                       |
|   | <b>Traffic Direction</b> | <b>Closing Southwest</b> | <b>Away Northeast</b> |
|   | <b>Vehicle Count</b>     | 6508                     | 6557                  |
| <b>Posted Speed Limit</b>                           | 25 ( mph)                |                          |                       |
| <i>Vehicles Under the Speed Limit Count</i>         | 4144                     | 3564                     | 7708                  |
| <i>Vehicles Under the Speed Limit Percentage</i>    | 63.68%                   | 54.35%                   | 59.0%                 |
| <i>Vehicles Over the Speed Limit Count</i>          | 2364                     | 2993                     | 5357                  |
| <i>Vehicles Over the Speed Limit Percentage</i>     | 36.32%                   | 45.65%                   | 41.0%                 |
| <b>Excessive Speed Threshold</b>                    | 35 ( mph)                |                          |                       |
| <i>Vehicles Over the Excessive Speed Count</i>      | 47                       | 132                      | 179                   |
| <i>Vehicles Over the Excessive Speed Percentage</i> | 0.72%                    | 2.01%                    | 1.37%                 |
| <i>Average Speed Over Limit</i>                     | 28.1 ( mph)              | 29.01 ( mph)             | 28.61 ( mph)          |

### Speed Profile

|                              |              |              |              |
|------------------------------|--------------|--------------|--------------|
| <b>Average Speed</b>         | 22.16 ( mph) | 23.51 ( mph) | 22.84 ( mph) |
| <b>Minimum Speed</b>         | 3 ( mph)     | 3 ( mph)     | 3 ( mph)     |
| <b>Maximum Speed</b>         | 74 ( mph)    | 57 ( mph)    | 74 ( mph)    |
| <b>85th Percentile Speed</b> | 28 ( mph)    | 30 ( mph)    | 29 ( mph)    |
| <b>Standard Deviation</b>    | 6 ( mph)     | 6 ( mph)     | 6 ( mph)     |
| <b>10 mph Pace</b>           | 18-27 ( mph) | 19-28 ( mph) | 18-27 ( mph) |
| <b>In Pace Count</b>         | 3454         | 3380         | 6490         |

### Data Recording Limits

|                               |             |
|-------------------------------|-------------|
| <b>Highest Speed Allowed</b>  | 120 ( mph)  |
| <b>Lowest Speed Allowed</b>   | 10 ( mph)   |
| <b>Minimum Following Time</b> | 0 Second(s) |

# Gahanna Division of Police

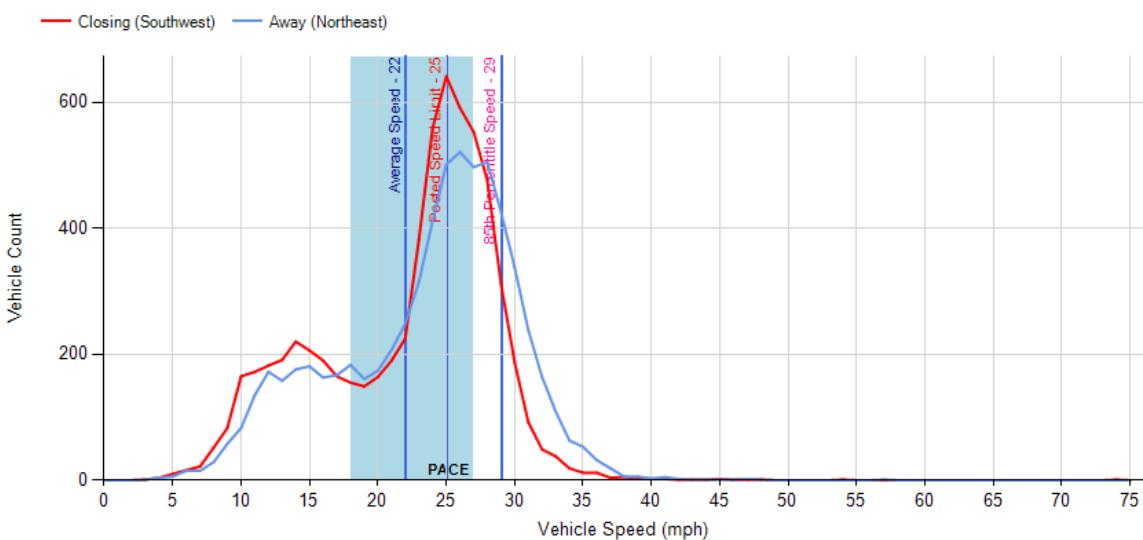
## Survey Description

|                               |                                       |                           |
|-------------------------------|---------------------------------------|---------------------------|
| <b>Survey Location</b>        | 840 Riva Ridge Boulevard, Gahanna, OH |                           |
| <b>Survey GPS Coordinates</b> | 40.039132,-82.851274                  |                           |
| <b>Survey Dates</b>           | <b>Start</b>                          | <b>Stop</b>               |
|                               | Thursday, 6/23/2022 12:50 PM          | Monday, 7/4/2022 12:22 PM |
| <b>Posted Speed Limit</b>     | 25 ( mph)                             |                           |
| <b>Traffic Zone</b>           | Normal                                |                           |

## Count vs Speed - Line Chart

Date Range: 2022-06-23 - 2022-07-04

Direction: Both



# Gahanna Division of Police

## Survey Description

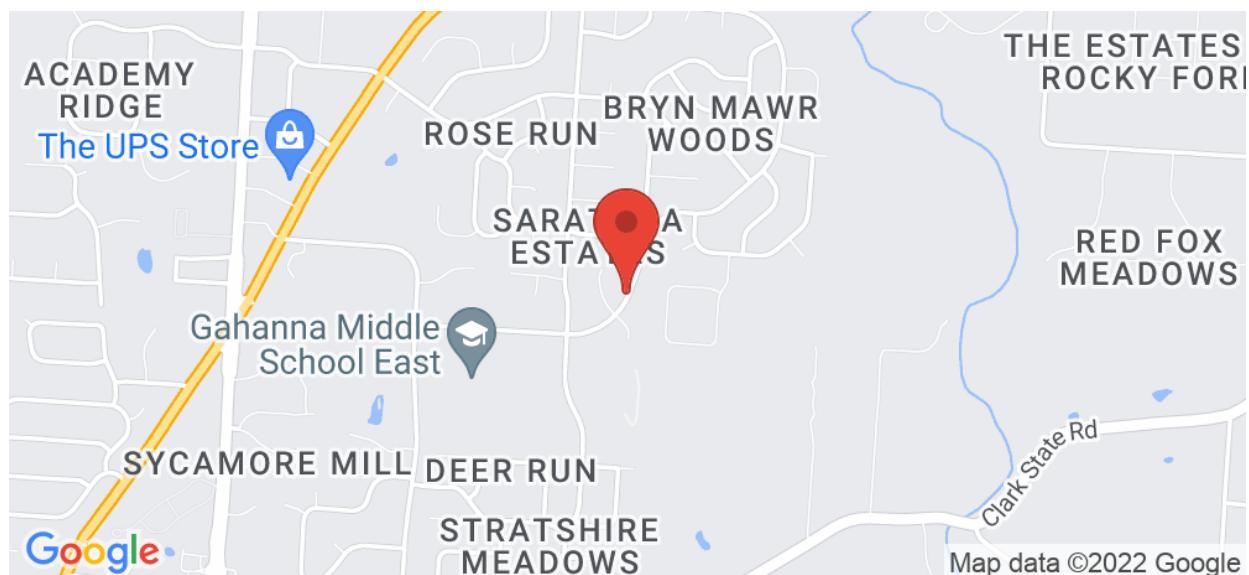
### Survey Details

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>Survey Location</b>        | 840 Riva Ridge Boulevard, Gahanna, OH                                    |                           |
| <b>Survey GPS Coordinates</b> | 40.039132,-82.851274   |                           |
| <b>Survey Dates</b>           | <b>Start</b>   | <b>Stop</b>               |
|                               | Thursday, 6/23/2022 12:50 PM   | Monday, 7/4/2022 12:22 PM |
| <b>Posted Speed Limit</b>     | 25 ( mph)  |                           |
| <b>Traffic Zone</b>           | Normal   |                           |
| <b>File Name</b>              | RivaRidge@Pimlico_June 2022_SurveyDataFile@2022-07-08_12-25-32_SMND2.xml |                           |
| <b>Device Type</b>            | Traffic Trailer  |                           |
| <b>Device Serial Number</b>   | SNAA000000   |                           |
| <b>Survey Note</b>            | Riva Ridge June 2022 SMND-2  |                           |

### Total Vehicle Count

|                          |                            |                         |
|--------------------------|----------------------------|-------------------------|
| <i>Traffic Direction</i> | <b>Southwest (Closing)</b> | <b>Northeast (Away)</b> |
| <i>Vehicle Count</i>     | 6508                       | 6557                    |

### Survey Map



# Gahanna Division of Police

## Survey Summary

| Survey Description                                  |                  |                  |                                       |
|---|------------------|------------------|---------------------------------------|
| <b>Survey Location</b>                              |                  |                  | 840 Riva Ridge Boulevard, Gahanna, OH |
| <b>Survey GPS Coordinates</b>                       |                  |                  | 40.039132, -82.851274                 |
| <b>Survey Dates</b>                                 | <b>Start</b>     | <b>Stop</b>      |                                       |
| Thursday, 6/23/2022 12:50 PM                        |                  |                  | Monday, 7/4/2022 12:22 PM             |
| <b>Posted Speed Limit</b>                           | 25 ( mph)        |                  |                                       |
| <b>Traffic Zone</b>                                 | Normal           |                  |                                       |
| Survey Result                                       |                  |                  |                                       |
| <b>Total Vehicle Count</b>                          | 13065            |                  |                                       |
| <b>Traffic Direction</b>                            | <b>Closing</b>   | <b>Away</b>      | <b>Combined</b>                       |
|   | <b>Southwest</b> | <b>Northeast</b> |                                       |
| <b>Vehicle Count</b>                                | 6508             | 6557             | 13065                                 |
| <b>Posted Speed Limit</b>                           | 25 ( mph)        |                  |                                       |
| <i>Vehicles Under the Speed Limit Count</i>         | 4144             | 3564             | 7708                                  |
| <i>Vehicles Under the Speed Limit Percentage</i>    | 63.68%           | 54.35%           | 59.0%                                 |
| <i>Vehicles Over the Speed Limit Count</i>          | 2364             | 2993             | 5357                                  |
| <i>Vehicles Over the Speed Limit Percentage</i>     | 36.32%           | 45.65%           | 41.0%                                 |
| <b>Excessive Speed Threshold</b>                    | 35 ( mph)        |                  |                                       |
| <i>Vehicles Over the Excessive Speed Count</i>      | 47               | 132              | 179                                   |
| <i>Vehicles Over the Excessive Speed Percentage</i> | 0.72%            | 2.01%            | 1.37%                                 |
| <i>Average Speed Over Limit</i>                     | 28.1 ( mph)      | 29.01 ( mph)     | 28.61 ( mph)                          |
| Speed Profile                                       |                  |                  |                                       |
| <b>Average Speed</b>                                | 22.16 ( mph)     | 23.51 ( mph)     | 22.84 ( mph)                          |
| <b>Minimum Speed</b>                                | 3 ( mph)         | 3 ( mph)         | 3 ( mph)                              |
| <b>Maximum Speed</b>                                | 74 ( mph)        | 57 ( mph)        | 74 ( mph)                             |
| <b>85th Percentile Speed</b>                        | 28 ( mph)        | 30 ( mph)        | 29 ( mph)                             |
| <b>Standard Deviation</b>                           | 6 ( mph)         | 6 ( mph)         | 6 ( mph)                              |
| <b>10 mph Pace</b>                                  | 18-27 ( mph)     | 19-28 ( mph)     | 18-27 ( mph)                          |
| <b>In Pace Count</b>                                | 3454             | 3380             | 6490                                  |
| Data Recording Limits                               |                  |                  |                                       |
| <b>Highest Speed Allowed</b>                        | 120 ( mph)       |                  |                                       |
| <b>Lowest Speed Allowed</b>                         | 10 ( mph)        |                  |                                       |
| <b>Minimum Following Time</b>                       | 0 Second(s)      |                  |                                       |

# Gahanna Division of Police

## Survey Description

|                               |                                       |                           |
|-------------------------------|---------------------------------------|---------------------------|
| <b>Survey Location</b>        | 840 Riva Ridge Boulevard, Gahanna, OH |                           |
| <b>Survey GPS Coordinates</b> | 40.039132,-82.851274                  |                           |
| <b>Survey Dates</b>           | <b>Start</b>                          | <b>Stop</b>               |
|                               | Thursday, 6/23/2022 12:50 PM          | Monday, 7/4/2022 12:22 PM |
| <b>Posted Speed Limit</b>     | 25 ( mph)                             |                           |
| <b>Traffic Zone</b>           | Normal                                |                           |

## Speed - Volume Matrix

Date Range: 2022-06-23 - 2022-07-04

Direction: Both

| Date Span     | Total | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86+ |
|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 00:00 - 00:59 | 34    | 2    | 9     | 9     | 12    | 1     | 1     |       |       |       |       |       |       |       |       |       |       |     |
| 01:00 - 01:59 | 29    | 1    | 6     | 9     | 6     | 3     | 1     | 2     | 1     |       |       |       |       |       |       |       |       |     |
| 02:00 - 02:59 | 68    | 22   | 12    | 8     | 11    | 12    | 1     |       |       |       | 1     | 1     |       |       |       |       |       |     |
| 03:00 - 03:59 | 106   |      | 12    | 20    | 36    | 34    | 3     | 1     |       |       |       |       |       |       |       |       |       |     |
| 04:00 - 04:59 | 285   | 10   | 19    | 19    | 119   | 110   | 8     |       |       |       |       |       |       |       |       |       |       |     |
| 05:00 - 05:59 | 595   | 42   | 110   | 104   | 144   | 173   | 19    | 3     |       |       |       |       |       |       |       |       |       |     |
| 06:00 - 06:59 | 607   | 36   | 93    | 85    | 164   | 199   | 25    | 4     |       | 1     |       |       |       |       |       |       |       |     |
| 07:00 - 07:59 | 743   | 37   | 100   | 90    | 203   | 268   | 43    | 2     |       |       |       |       |       |       |       |       |       |     |
| 08:00 - 08:59 | 757   | 56   | 137   | 110   | 189   | 215   | 44    | 5     |       |       |       |       | 1     |       |       |       |       |     |
| 09:00 - 09:59 | 881   | 43   | 152   | 141   | 224   | 275   | 41    | 4     |       |       |       |       | 1     |       |       |       |       |     |
| 10:00 - 10:59 | 816   | 38   | 130   | 113   | 226   | 251   | 53    | 4     |       | 1     |       |       |       |       |       |       |       |     |
| 11:00 - 11:59 | 833   | 42   | 130   | 132   | 219   | 265   | 41    | 3     | 1     |       |       |       |       |       |       |       |       |     |
| 12:00 - 12:59 | 904   | 45   | 157   | 136   | 203   | 285   | 68    | 7     | 3     |       |       |       |       |       |       |       |       |     |
| 13:00 - 13:59 | 931   | 25   | 153   | 137   | 244   | 293   | 69    | 8     | 2     |       |       |       |       |       |       |       |       |     |
| 14:00 - 14:59 | 1137  | 27   | 104   | 84    | 325   | 486   | 97    | 12    | 2     |       |       |       |       |       |       |       |       |     |
| 15:00 - 15:59 | 962   | 30   | 109   | 92    | 267   | 368   | 84    | 10    | 2     |       |       |       |       |       |       |       |       |     |
| 16:00 - 16:59 | 736   | 26   | 84    | 70    | 200   | 287   | 63    | 5     | 1     |       |       |       |       |       |       |       |       |     |
| 17:00 - 17:59 | 591   | 21   | 58    | 67    | 166   | 224   | 48    | 7     |       |       |       |       |       |       |       |       |       |     |
| 18:00 - 18:59 | 686   | 29   | 78    | 90    | 188   | 246   | 49    | 5     | 1     |       |       |       |       |       |       |       |       |     |
| 19:00 - 19:59 | 617   | 13   | 65    | 71    | 257   | 176   | 34    | 1     |       |       |       |       |       |       |       |       |       |     |
| 20:00 - 20:59 | 341   | 6    | 33    | 44    | 132   | 107   | 17    |       | 2     |       |       |       |       |       |       |       |       |     |
| 21:00 - 21:59 | 223   | 5    | 23    | 16    | 84    | 70    | 17    | 5     | 1     | 2     |       |       |       |       |       |       |       |     |
| 22:00 - 22:59 | 120   | 7    | 11    | 19    | 44    | 32    | 5     | 2     |       |       |       |       |       |       |       |       |       |     |
| 23:00 - 23:59 | 63    | 1    | 8     | 5     | 17    | 26    | 6     |       |       |       |       |       |       |       |       |       |       |     |

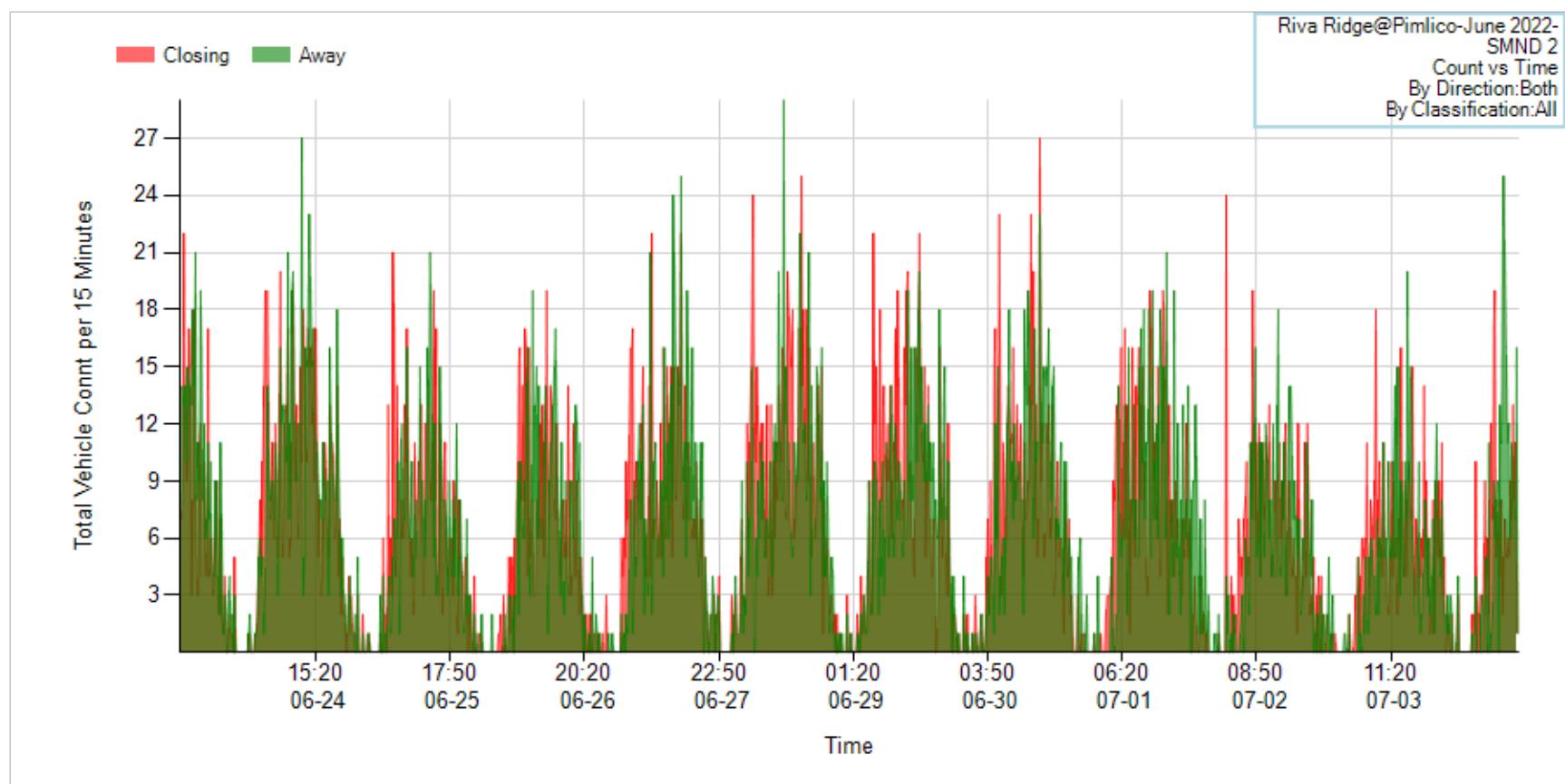


# Gahanna Division of Police

## Riva Ridge Boulevard 2022 Speed Survey



Count vs. Time



|             |                         |             |            |                 |         |     |                      |       |       |
|-------------|-------------------------|-------------|------------|-----------------|---------|-----|----------------------|-------|-------|
| Survey Name | Riva Ridge@Pimlico-June | Speed Unit  | Miles/Hour | Average Speed   | 22.8    | MPH | Total Volume         | 13200 | 100%  |
| Start Date  | 2022-06-23              | Speed Limit | 25         | Max Speed       | 74      | MPH | Over Limit Count     | 5376  | 40.7% |
| Stop Date   | 2022-07-04              |             |            | Min Speed       | 3       | MPH | Under Limit Count    | 7824  | 59.3% |
|             |                         |             |            | 85th Percentile | 29      | MPH | Over Threshold Count | 179   | 1%    |
|             |                         |             |            | 10 MPH Pace     | 18 - 27 | MPH | In Pace Count        | 6532  | 49.5% |

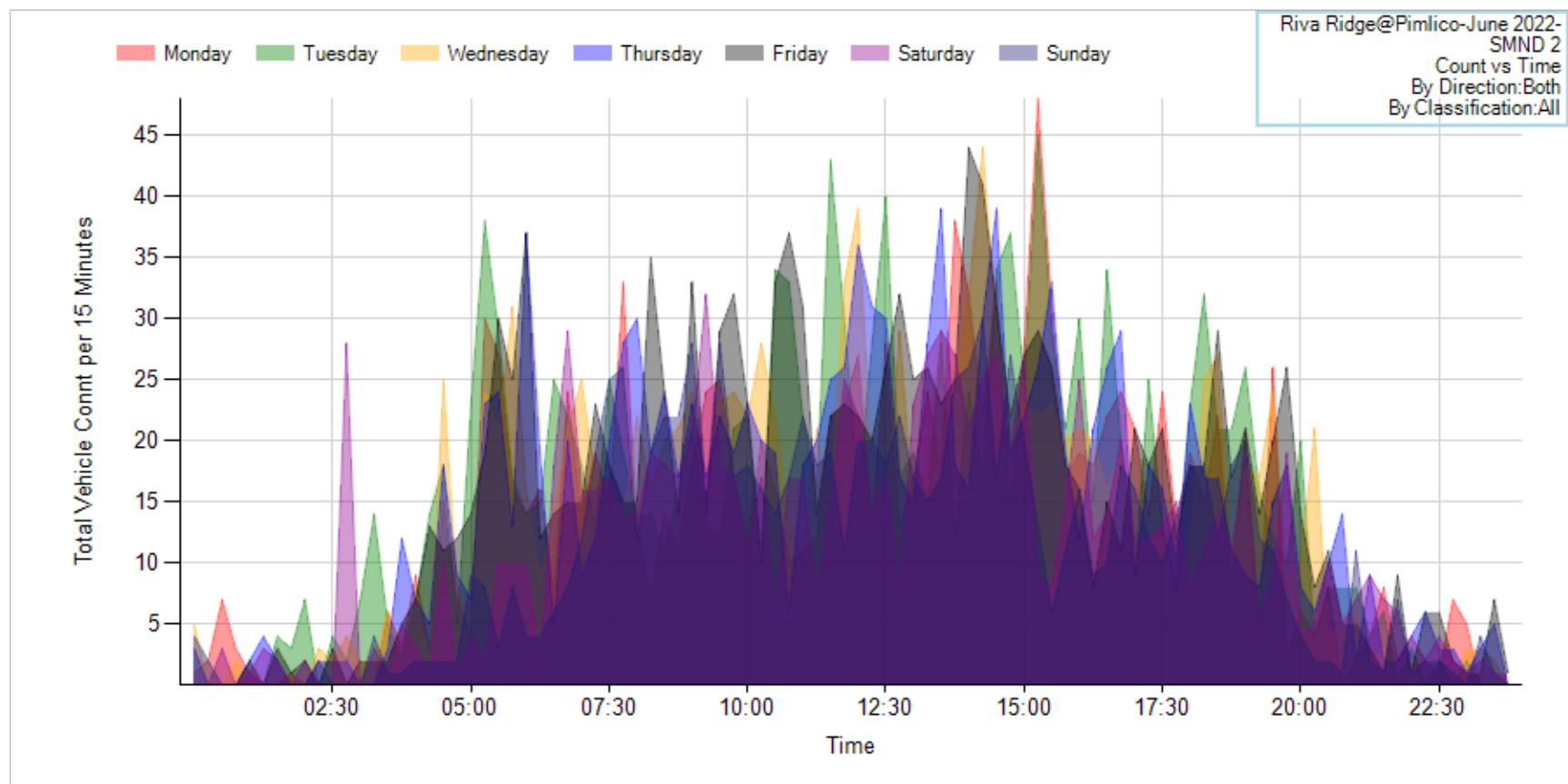


# Gahanna Division of Police

## Riva Ridge Boulevard 2022 Speed Survey



Weekly Count vs. Time



|             |                         |             |            |                 |         |     |                      |       |       |
|-------------|-------------------------|-------------|------------|-----------------|---------|-----|----------------------|-------|-------|
| Survey Name | Riva Ridge@Pimlico-June | Speed Unit  | Miles/Hour | Average Speed   | 22.8    | MPH | Total Volume         | 13200 | 100%  |
| Start Date  | 2022-06-23              | Speed Limit | 25         | Max Speed       | 74      | MPH | Over Limit Count     | 5376  | 40.7% |
| Stop Date   | 2022-07-04              |             |            | Min Speed       | 3       | MPH | Under Limit Count    | 7824  | 59.3% |
|             |                         |             |            | 85th Percentile | 29      | MPH | Over Threshold Count | 179   | 1%    |
|             |                         |             |            | 10 MPH Pace     | 18 - 27 | MPH | In Pace Count        | 6532  | 49.5% |

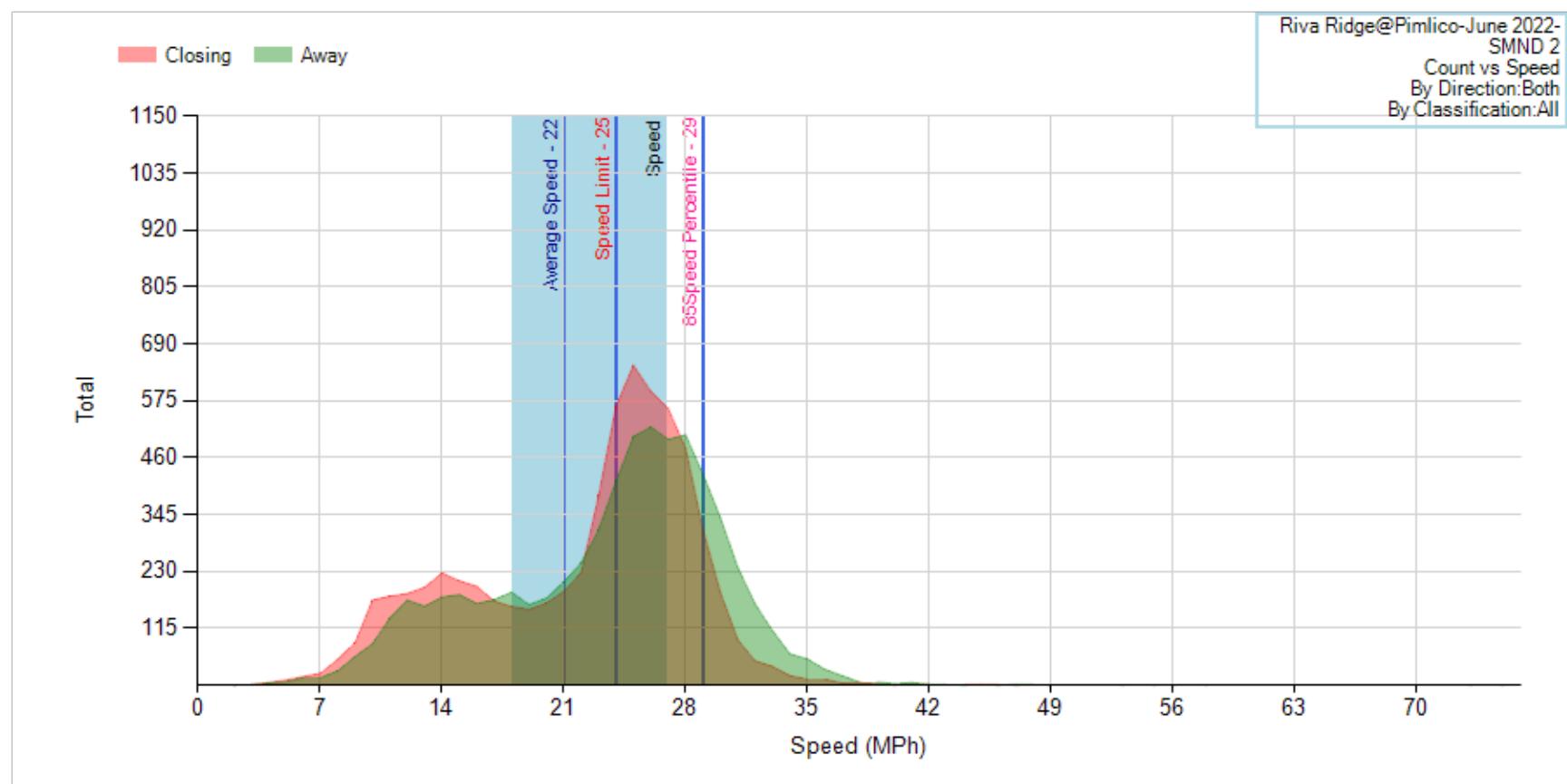


# Gahanna Division of Police

## Riva Ridge Boulevard 2022 Speed Survey



Count vs. Speed



| Survey Name | Riva Ridge@Pimlico-June | Speed Unit  | Miles/Hour | Average Speed   | 22.8    | MPH | Total Volume         | 13200 | 100%  |
|-------------|-------------------------|-------------|------------|-----------------|---------|-----|----------------------|-------|-------|
| Start Date  | 2022-06-23              | Speed Limit | 25         | Max Speed       | 74      | MPH | Over Limit Count     | 5376  | 40.7% |
| Stop Date   | 2022-07-04              |             |            | Min Speed       | 3       | MPH | Under Limit Count    | 7824  | 59.3% |
|             |                         |             |            | 85th Percentile | 29      | MPH | Over Threshold Count | 179   | 1%    |
|             |                         |             |            | 10 MPH Pace     | 18 - 27 | MPH | In Pace Count        | 6532  | 49.5% |

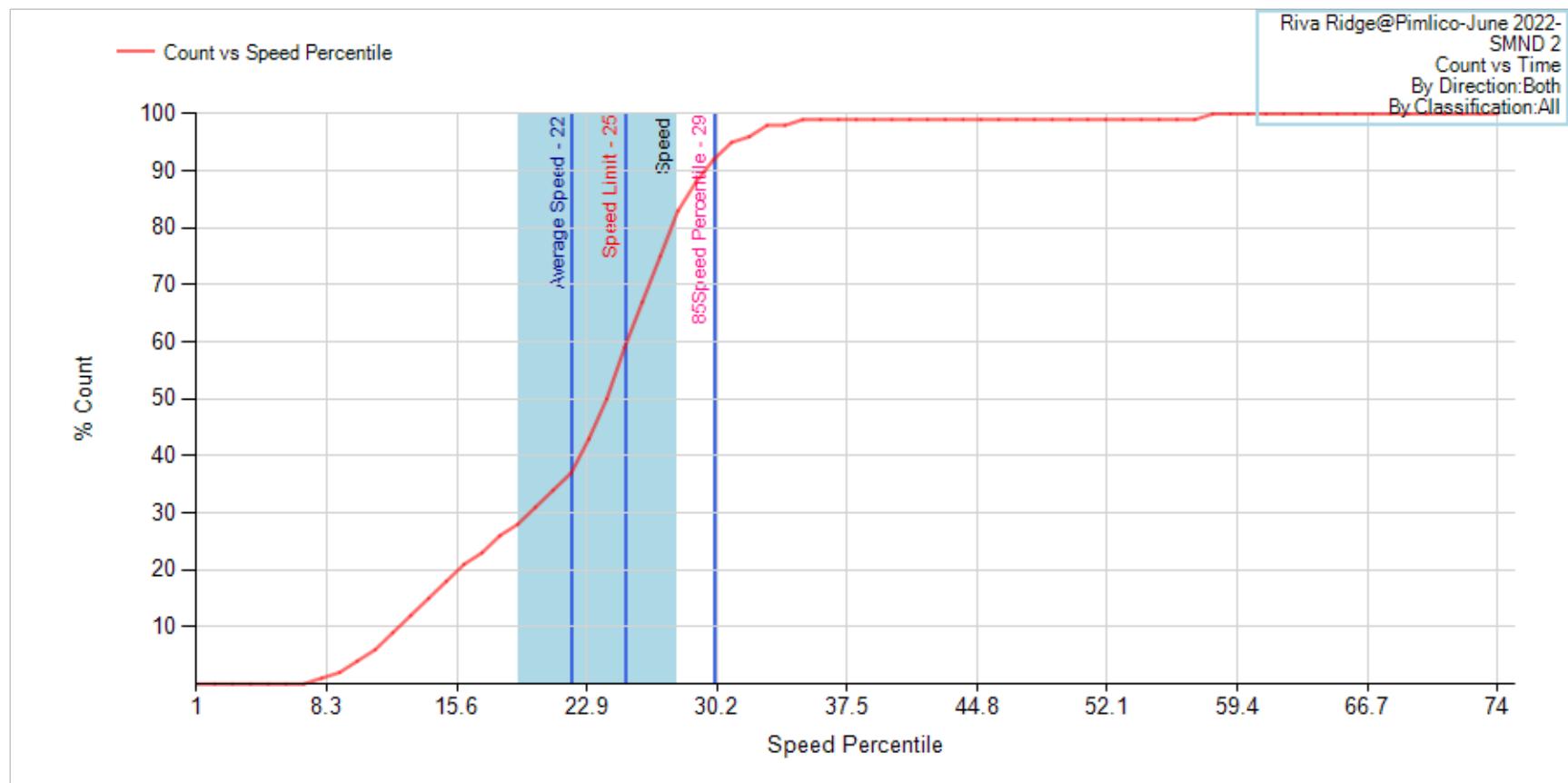


# Gahanna Division of Police

## Riva Ridge Boulevard 2022 Speed Survey



Percentile Chart



|             |                         |             |            |                 |         |     |                      |       |       |
|-------------|-------------------------|-------------|------------|-----------------|---------|-----|----------------------|-------|-------|
| Survey Name | Riva Ridge@Pimlico-June | Speed Unit  | Miles/Hour | Average Speed   | 22.8    | MPH | Total Volume         | 13195 | 100%  |
| Start Date  | 2022-06-23              | Speed Limit | 25         | Max Speed       | 74      | MPH | Over Limit Count     | 5375  | 40.7% |
| Stop Date   | 2022-07-04              |             |            | Min Speed       | 3       | MPH | Under Limit Count    | 7820  | 59.3% |
|             |                         |             |            | 85th Percentile | 29      | MPH | Over Threshold Count | 179   | 1%    |
|             |                         |             |            | 10 MPH Pace     | 18 - 27 | MPH | In Pace Count        | 6530  | 49.5% |

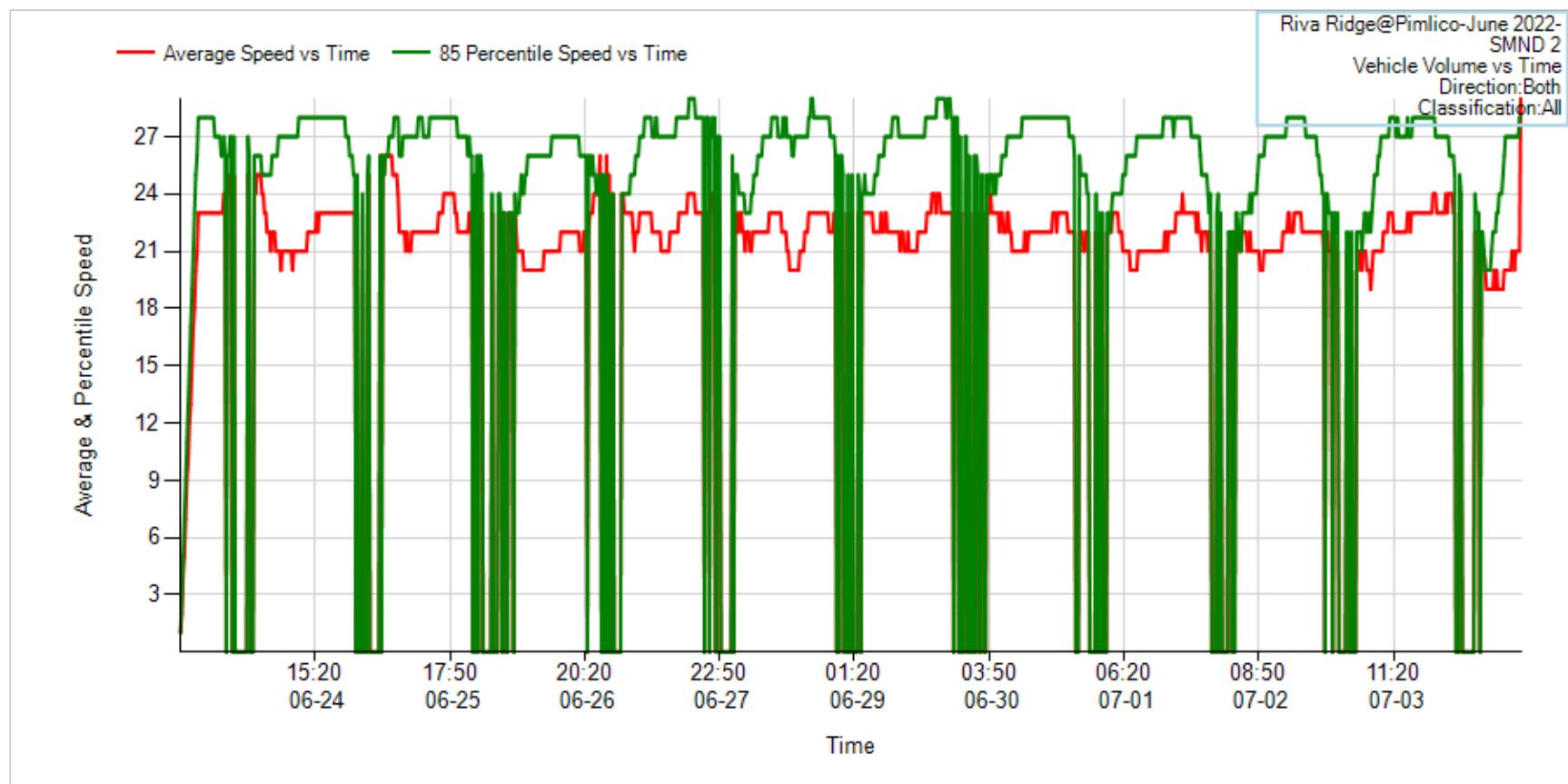


# Gahanna Division of Police

## Riva Ridge Boulevard 2022 Speed Survey



Average Speed vs. Time



|             |                         |             |            |                 |         |     |                      |       |       |
|-------------|-------------------------|-------------|------------|-----------------|---------|-----|----------------------|-------|-------|
| Survey Name | Riva Ridge@Pimlico-June | Speed Unit  | Miles/Hour | Average Speed   | 22.8    | MPH | Total Volume         | 13200 | 100%  |
| Start Date  | 2022-06-23              | Speed Limit | 25         | Max Speed       | 74      | MPH | Over Limit Count     | 5376  | 40.7% |
| Stop Date   | 2022-07-04              |             |            | Min Speed       | 3       | MPH | Under Limit Count    | 7824  | 59.3% |
|             |                         |             |            | 85th Percentile | 29      | MPH | Over Threshold Count | 179   | 1%    |
|             |                         |             |            | 10 MPH Pace     | 18 - 27 | MPH | In Pace Count        | 6532  | 49.5% |

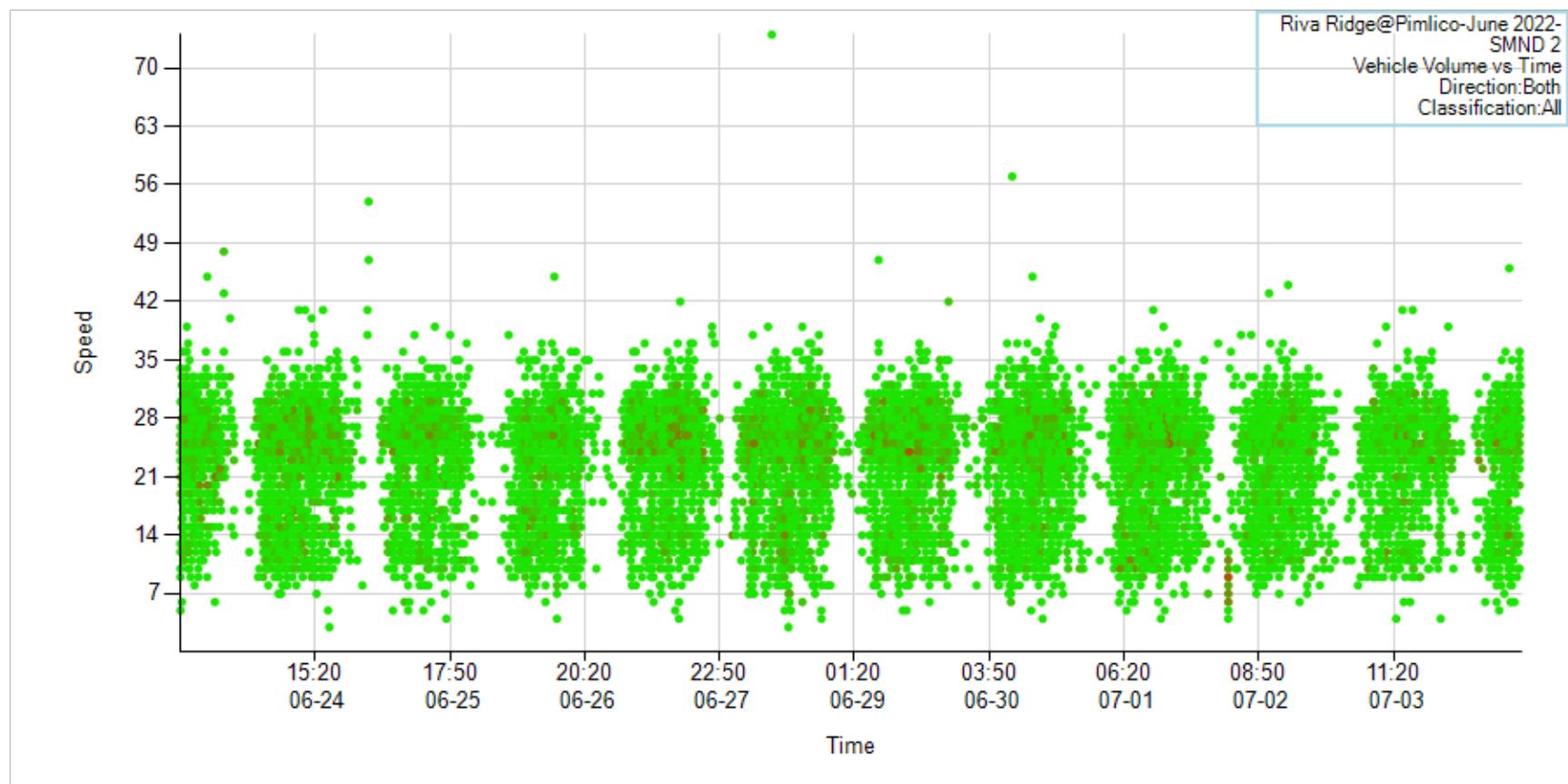


# Gahanna Division of Police

## Riva Ridge Boulevard 2022 Speed Survey



Speed vs. Time Bubble Chart



|             |                         |             |            |                 |         |     |                      |       |       |
|-------------|-------------------------|-------------|------------|-----------------|---------|-----|----------------------|-------|-------|
| Survey Name | Riva Ridge@Pimlico-June | Speed Unit  | Miles/Hour | Average Speed   | 22.8    | MPH | Total Volume         | 13200 | 100%  |
| Start Date  | 2022-06-23              | Speed Limit | 25         | Max Speed       | 74      | MPH | Over Limit Count     | 5376  | 40.7% |
| Stop Date   | 2022-07-04              |             |            | Min Speed       | 3       | MPH | Under Limit Count    | 7824  | 59.3% |
|             |                         |             |            | 85th Percentile | 29      | MPH | Over Threshold Count | 179   | 1%    |
|             |                         |             |            | 10 MPH Pace     | 18 - 27 | MPH | In Pace Count        | 6532  | 49.5% |

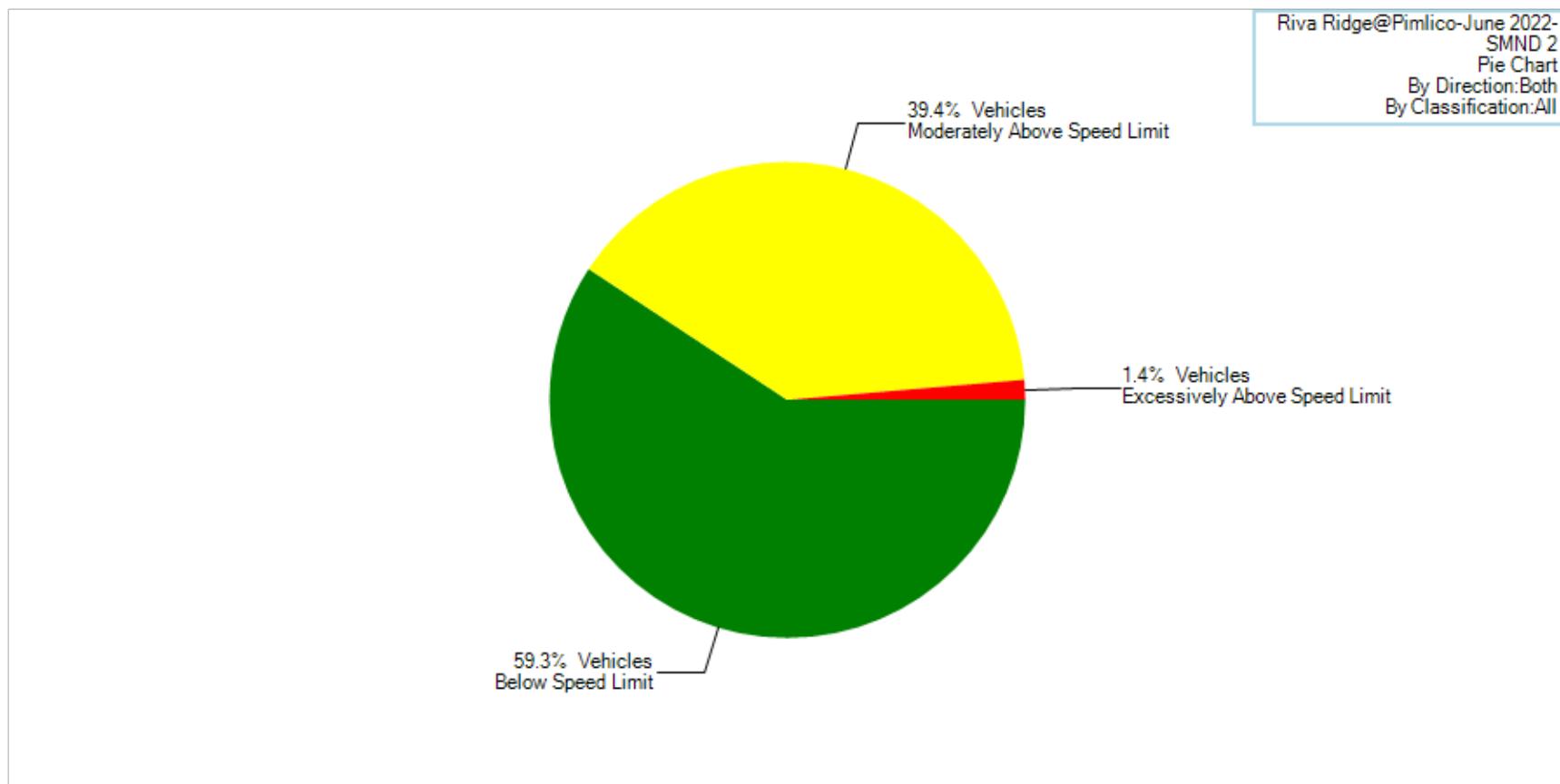


# Gahanna Division of Police

## Riva Ridge Boulevard 2022 Speed Survey



Enforcement Evaluator



| Survey Name | Riva Ridge@Pimlico-June | Speed Unit  | Miles/Hour | Average Speed   | 22.8    | MPH | Total Volume         | 13200 | 100%  |
|-------------|-------------------------|-------------|------------|-----------------|---------|-----|----------------------|-------|-------|
| Start Date  | 2022-06-23              | Speed Limit | 25         | Max Speed       | 74      | MPH | Over Limit Count     | 5376  | 40.7% |
| Stop Date   | 2022-07-04              |             |            | Min Speed       | 3       | MPH | Under Limit Count    | 7824  | 59.3% |
|             |                         |             |            | 85th Percentile | 29      | MPH | Over Threshold Count | 179   | 1%    |
|             |                         |             |            | 10 MPH Pace     | 18 - 27 | MPH | In Pace Count        | 6532  | 49.5% |

# Gahanna Division of Police

## Riva Ridge Boulevard 2022 Speed Survey

| Survey Name      | Riva Ridge@Pimlico-June 20... | Location           | 840 Riva Ridge Boulevard,Ga... | Speed Unit          | Miles/Hour |
|------------------|-------------------------------|--------------------|--------------------------------|---------------------|------------|
| Start            | 2022-06-23 12:50              | Traffic Direction  | Undefined                      | Speed Limit         | 25         |
| Stop             | 2022-07-04 12:22              | Zone               | Normal                         | Min Speed Threshold | 10         |
| Operator         | Traffic Trailer               | Min Following Time | 0.0                            | Max Speed Threshold | 120        |
| Survey Direction | Both                          | Time Resolution    | 1                              | Speed Resolution    | 1          |

|                     |       |      |                    |      |     |                          |         |     |
|---------------------|-------|------|--------------------|------|-----|--------------------------|---------|-----|
| Total Vehicle Count | 13200 | 100% | Average Speed      | 22.8 | MPH | In Pace Count            | 6532    | 49% |
| Under Limit Count   | 7824  | 59%  | Minimum Speed      | 3    | MPH | 10 mph Pace              | 18 - 27 | MPH |
| Over Limit Count    | 5376  | 41%  | Maximum Speed      | 74   | MPH | Standard Deviation       | 6       | MPH |
| 10 Over Limit Count | 179   | 1%   | 85Speed Percentile | 29   | MPH | Average Speed Over Limit | 28.6    | MPH |



## Survey Report Quick Guide/Reference

### Over Threshold Count

The default threshold (amount over the posted speed limit) is 10 MPH. The **Over Threshold Count** is the number of vehicles traveling in excess of the selected threshold. For example, if the threshold is set at the 10 MPH default, this would indicate the number of vehicles (within the Total Volume) that were traveling at 10 MPH over the posted limited.

### Count vs. Time

The **Count vs Time Chart** shows the number of vehicles per unit of time traveling on the monitored roadway.

### Weekly Count vs. Time Chart

The **Weekly Count vs. Time Chart** mode shows the vehicle count per day over a 7-day period. If the survey period extends beyond one 7- day week, the values of each overlapped week day will be the average values for those overlapped week days.

### Count vs. Speed Chart

The **Count vs. Speed Chart** selection shows the total vehicle count for each speed group. The size of the speed group can be set by the operator (**Speed Resolution** selection in the **Analysis Control**).

### Percentile Chart

The **Percentile Chart** shows the cumulative percentage of vehicles that are at or below a given speed

### Average Speed vs. Time Chart

The **Average Speed vs. Time Chart** shows the average and the 85<sup>th</sup> Percentile Speeds of the vehicles over time.

### Speed vs. Time Bubble Chart

The **Speed vs. Time Bubble Chart** plots both vehicle speed and volume against time. The size of the bubble represents the number of cars at a particular speed group at a particular time. This chart is useful in showing traffic bunching.

### Average Speed

The average speed of all vehicles

### 85Speed Percentile

The speed at which 85% of the traffic was traveling **at or less than**. The 85<sup>th</sup> percentile is considered to be a key metric because it is generally considered to be representative of the prevailing traffic conditions (the speed vehicles on the roadway are going most of the time).