



# AUTOMATED SPEED ENFORCEMENT PILOT PROGRAM-ROOSEVELT BOULEVARD

# ANNUAL REPORT

APRIL 2021



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## Executive Summary

Roosevelt Boulevard is a twelve-lane roadway originally constructed to connect Center City to Northeast Philadelphia and Bucks County. Separated by inner and outer lanes, the roadway has evolved into both a local road and a thoroughfare with drivers often speeding through pedestrian-heavy intersections. The Boulevard supports shopping districts and travel while providing infrastructure to residential neighborhoods that line most of the roadway. Once named one of the “deadliest highways” in the nation, city and state leaders recognize the importance of prioritizing safety for drivers, pedestrians and bicyclists along this roadway.

The five-year pilot program authorized camera installations to detect speeding vehicles. Eight locations on Roosevelt Boulevard were initially selected. Since the program's implementation, there has been a substantial reduction in the number of vehicles traveling above the posted speed limit.

During the first month of the warning period in June 2020, the Authority mailed 224,206 violation warning notices to speeding motorists. As the program continued, driving behaviors changed and vehicles began to slow down, resulting in a 93% decrease in violation issuance.

In August 2020, the first month of violations with fines, violations decreased to 84,608. Overall, during this fiscal year issued violations decreased from 224,206 (7,474 per day) during June 2020 to 38,660 (1,289 per day) in November of 2020 (the most recent month of completely processed data).

Based on the data collected to date, the Authority recommends considering enhancements to the pilot program to further reduce the number of violations and excessive speed rates. Specifically, the presence of law enforcement between 8:00pm and 4:00am along the Boulevard could potentially address excessive speeding during a critical period. Further, installation of additional cameras between long stretches without any traffic control devices should be considered. A strategic data review will direct the placement of additional cameras. Additional cameras in areas north and south of current locations that have not yet demonstrated consistent reductions in violations is recommended. Placement of a traffic signal between Strahle and Woodward Streets could assist in reducing excessive speeding as well.

Another recommendation is a targeted public campaign designed to educate drivers of the risks and dangers of excessive speeding. From June 2020 to February 2021, 89% of violations were issued to in-state drivers; 63.03% of which were issued to drivers with vehicles registered in Philadelphia, and at least 8.14% to drivers with vehicles registered in Bucks County. Public Service Announcements (PSAs) targeting drivers in Southeast Pennsylvania, particularly in Bucks and Philadelphia counties, educating drivers will build greater awareness of the dangers of excessive speed.

In order to meet the goals of the pilot program, the Authority will continue the partnership and collaboration between the Pennsylvania Department of Transportation (PennDOT), the Office of Transportation, Infrastructure and Sustainability (OTIS), the Streets Department, and state and local police to advance the recommendations contained in this report. The pilot program has been highly effective in reducing the number of violations issued and should continue to demonstrate favorable results, ultimately enhancing safety for motorists, pedestrians, and bicyclists along Roosevelt Boulevard.

**Scott Petri**  
**Executive Director**  
**Philadelphia Parking Authority**

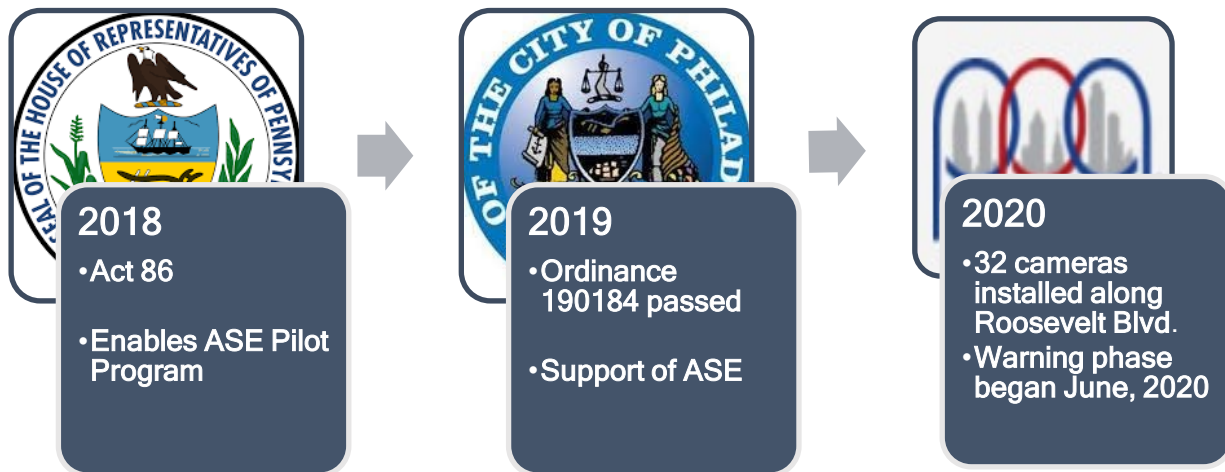
## Legislative History

The Pennsylvania Legislature has sought solutions to address safety concerns along Roosevelt Boulevard. The legislature addressed these concerns by authorizing two initiatives; Automated Red Light Enforcement (ARLE) and Automated Speed Enforcement (ASE).

The ARLE program has been highly successful in reducing major crashes. Several intersections identified as some of the worst in the nation have improved conditions.

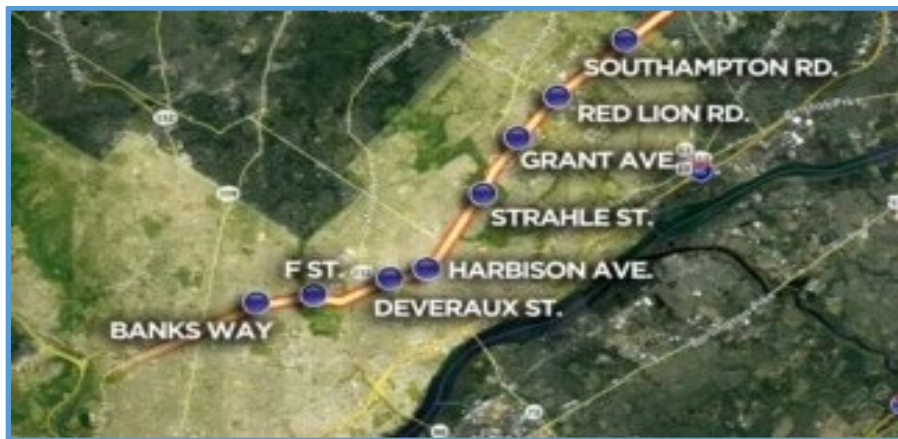
In 2018, PA Act 86 authorized a five-year pilot program for Automated Speed Cameras on Roosevelt Boulevard and in work zones throughout the Commonwealth. The legislation named PennDOT as the administrator for work safety zones and the Philadelphia Parking Authority as the administrator for speed enforcement along Roosevelt Boulevard.

On September 19, 2019, Ordinance 190184 to support the speed camera pilot program was signed by Philadelphia Mayor Jim Kenney. The ASE program is a part of the [City's Vision Zero](#) initiative, with the goal of zero traffic deaths on Philadelphia streets by 2030.



## Pilot Program Implementation

As the administrator of the ASE program, the Authority issued a Request for Proposals for vendors to provide cameras and a technology infrastructure for the program. In January 2019, the Authority selected Verra Mobility as the lowest, responsible bidder for the speed camera program. The Authority, Verra Mobility, OTIS and PennDOT worked quickly to implement the program. Data provided by PennDOT and the City, from 2013 to 2017, was reviewed and evaluated for the presence of speeding and/or aggressive driving. That data, along with construction and operational feasibility, helped determine the eight initial locations for camera installations. Those intersections along the lower portion of Roosevelt Boulevard were chosen for the initial deployment of 32 cameras (four at each intersection).



*(Courtesy of CBSPhilly.com)*

In January 2020, Verra Mobility broke ground at the first camera location. The Covid-19 pandemic and Governor Tom Wolf's executive order halted construction and delayed installation until May 1, 2020. Cameras were certified as required by statute on May 28, 2020.



*Pictured left to right- PPA Executive Director Scott Petri, State Representative John Taylor, Mayor Jim Kenney at a speed camera press conference in January 2020.*



The initial 60-day warning period began on June 1, 2020 and concluded on July 31, 2020. Drivers speeding in excess of 11 mph or more over the posted speed limit were issued warning violations during June and July 2020. A staggering total of 402,359 warning violations were issued during the warning period.

## Capturing Violations

At the designated eight camera intersections, vehicle speeds are captured. When a vehicle is recorded by camera traveling 11 mph or more over the posted speed limit, a violation is captured. The license plate of a speeding vehicle is recorded and system software verifies the speed of the vehicle.

Recorded images are reviewed and magnified in order to obtain vehicle registration information. Through a multi-step process, Authority employees determine violations. These employees review the images to ensure that information is entered correctly, to ensure that video data is present, and to verify that the recorded vehicle's travel speeds are more than 11 mph over the posted speed limit.

When all requirements are met and confirmed, the information is sent for verification by the Philadelphia Police Department.



## Violation Notification

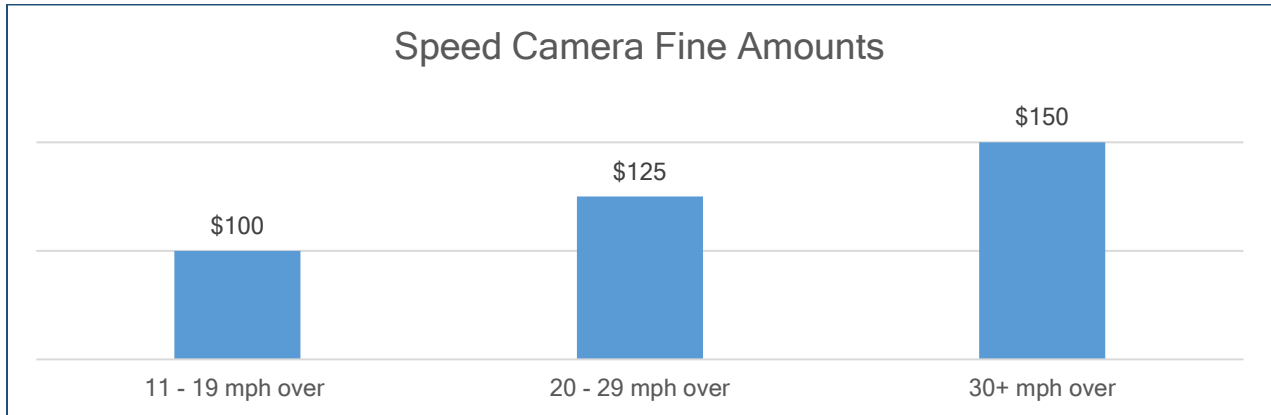
Through Verra Mobility, the Authority sends violation notices to the registered owners of speeding vehicles. The violation notices must include:

- Name of the registered owner;
- Registration number and state of issuance of the vehicle registration;
- Date, time and place of the alleged violation;
- Statement that the violation charged is under Section 3362 and 3370 of the Vehicle Code;
- Penalty for the violation;
- Copy of the recorded vehicle image;
- Date on which the notice was mailed; and
- Instructions for return of the notice of violation.

The Authority must notify the registered owner as listed by the appropriate Department of Transportation. Notice occurs within thirty (30) days after the commission of the violation or within thirty (30) days after the discovery of the registered owner, whichever is later.

## Fine Structure

The Philadelphia ordinance created a tiered fine structure based on the speed a vehicle is traveling above the posted speed limit.



Philadelphia ordinance also states that “no more than three violation notices establishing fines shall be issued for violations occurring within any thirty-minute period, provided that the notices issued shall be for the violations within such period with the highest corresponding fine amounts.”

## Payment

A vehicle owner may admit responsibility for the violation by paying the fine amount within thirty days of the mail date on the notice. Payment can be made via postal mail, telephone, online through Verra Mobility’s platform, [www.ViolationInfo.com](http://www.ViolationInfo.com), or in person at Verra Mobility’s customer service center located at 49 North 8<sup>th</sup> Street in Philadelphia.

## Penalties

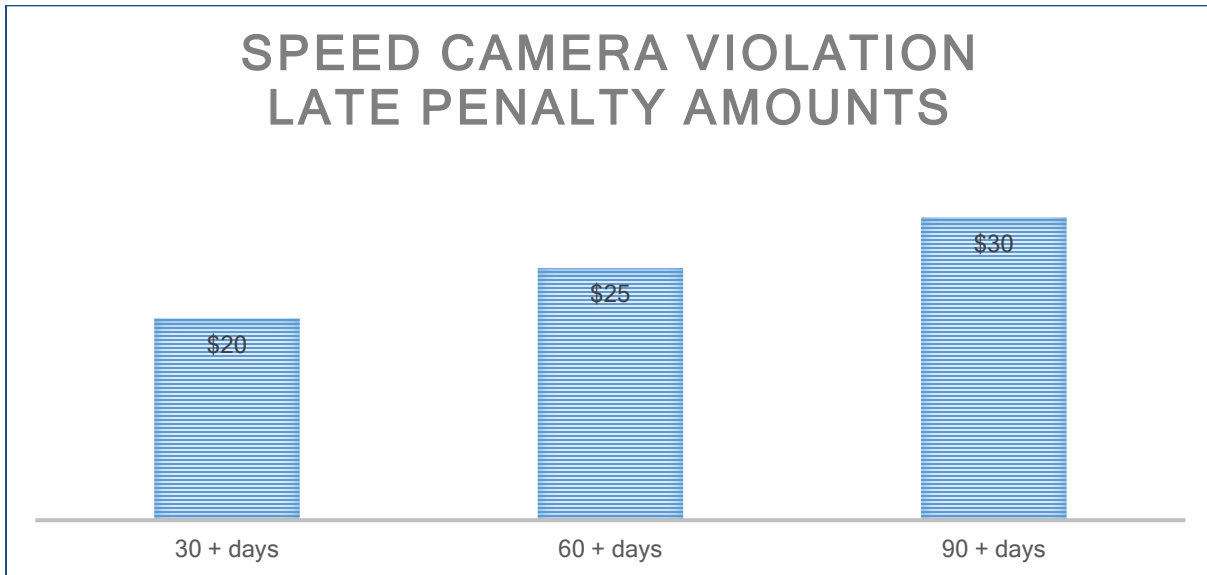
Failure to answer a violation notice by either a fine payment or hearing request will result in penalties. If no payment or dispute request is submitted within thirty days of the mail date of the violation notice, a late penalty is added to the fine amount.

A second violation notice is mailed with the first penalty of \$20 added, along with notification that a second penalty of \$25 will be added if payment is not received within thirty days of the notice mail date.



A third violation notice is mailed with the second penalty of \$25 added, along with notification that a third penalty of \$30 will be added if payment is not received within thirty days of the notice mail date.

In total, there are three late penalties which may be added if payment or a dispute request is not timely received.



Violations that remain unanswered after ninety days are escalated to third-party debt collections.

## The Appeal Process

The violation notice sent to a vehicle owner contains information regarding how to request a hearing to contest the liability alleged in the notice. Drivers are able to review the recorded images at [www.ViolationInfo.com](http://www.ViolationInfo.com). The City's Office of Administrative Review conducts hearings to determine liability of speed camera violations.

A penalty imposed under the pilot program is not deemed a criminal conviction and therefore not subject to incur points on a violator's driving record.

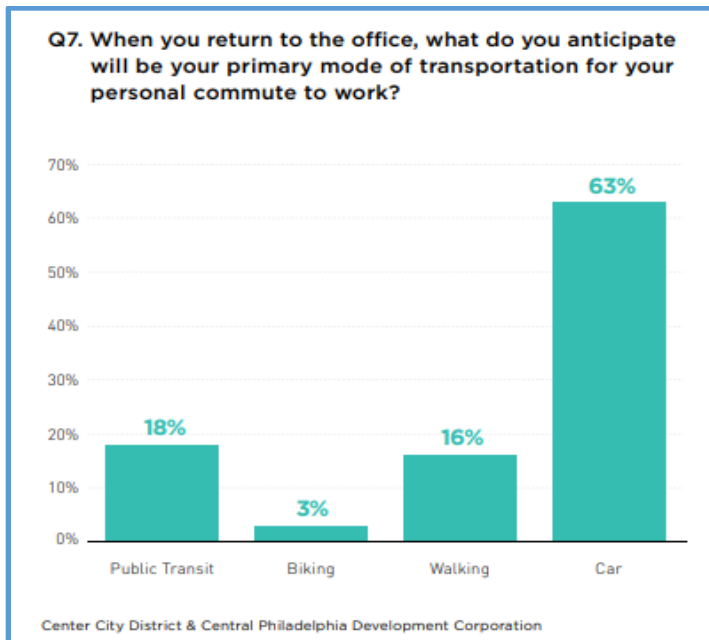
As a result of stay-at-home orders and staffing challenges due to COVID-19, hearing requests were delayed for a period of time. Additional hearing officers have been hired to reduce the wait time for a scheduled hearing.

## Impact of COVID-19

Stay-at-home orders and telecommuting due to COVID-19 has disrupted typical traffic patterns normally seen on the Boulevard. With many staying home, the rates of travel during June 2020 through February 2021 may not reflect normal traffic patterns. When the program was launched, there was a high volume of vehicles exceeding the speed limit by 11MPH or more. This indicated to the Authority that the driving behavior was as expected and that the program would likely be effective in reducing the average travel speeds on the Boulevard.

In November 2020, the Center City District (CCD) released the results of a survey of large companies that provided expectations of when employees may begin to return to their offices. Three-quarters responded that up to 10% of their workforce had returned to the office, which they had expected to increase toward the end of 2020. The survey also indicated an expected increase in vehicular traffic, with employees initially turning away from public transit. The report noted that prior to the pandemic, 47% of employees drove to work, and they expect this number to increase to 63%.

It can be expected that as vaccinations increase, businesses will slowly reopen their offices and vehicular traffic will increase.



The Center City District survey can be found at: [CCD Return to Office Survey-2020](#)

## Financial Overview

Per state statute, the Authority remits all revenue, minus operation expenses to the Pennsylvania Department of Transportation's Motor License Fund. PennDOT may utilize those funds for a Transportation Enhancement Grants Program (established by section 3116, relating to red light enforcement systems).

### Speed Camera Financial Snapshot

Fiscal Year 2021 (as of 2/28/2021)

|                                       |                     |
|---------------------------------------|---------------------|
| Violation Revenue                     | \$18,017,004        |
| Interest & Misc Income                | \$2,440             |
| <b>Total Revenue</b>                  | <b>\$18,019,444</b> |
|                                       |                     |
| Equipment                             | \$940,062           |
| Program Costs / Collection Fees       | \$294,177           |
| Philadelphia Police Department Review | \$197,229           |
| Philadelphia Department of Finance    | \$23,067            |
| Personnel Costs                       | \$610,052           |
| PPA Support                           | \$377,087           |
| Rent Expense                          | \$36,820            |
| Processing Fees                       | \$36,848            |
| Other Expenses                        | \$90,794            |
| Insurance                             | \$148,316           |
| <b>Total Expenses</b>                 | <b>\$2,754,452</b>  |
|                                       |                     |
| Net Income for FY21                   | \$15,264,992        |
| Total Payments to Date for FY 21      | \$0                 |
| Refunds for overpayments              | \$300,000           |
| Cashflow & Accounts Payable Reserve   | \$975,000           |
| Actuarial Expenses                    | \$839,900           |
| <b>Revenue Due to PennDOT</b>         | <b>\$13,150,092</b> |

## Verra Mobility

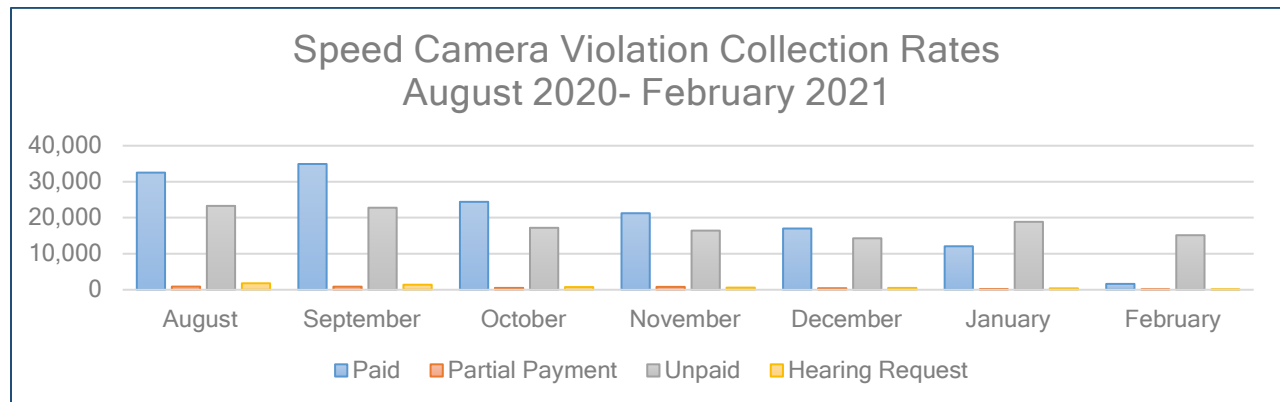
As mentioned previously, Verra Mobility was selected by the Authority as the lowest responsible vendor from a publicly advertised Request For Proposals. In compliance with the authorizing legislation, compensation is based on the provision of hardware (cameras), maintenance of the camera infrastructure, system software and a customer service staff. Compensation paid to the vendor is not based upon the number of violations issued, but rather the value of the equipment and services provided. Verra Mobility is paid a flat fee of \$2,995 per month per camera. In addition to the hardware, Verra Mobility provides staff to crop and review recorded violation images, as well as a customer service department, including a walk-in customer service center in Philadelphia. The monthly amount paid to Verra Mobility is \$95,840.

Per the contract, the Authority is reimbursed for any signs and poles installed to support the program. The Authority procured and paid \$18,338.30 for the initial sign order and installation of enforcement signs along the Boulevard. A credit to the Authority in that amount was applied to the January 2021 from Verra Mobility. To date the amount paid to the vendor is \$844,221.70.

At the end of September 2020, Verra Mobility notified the Authority of a software issue which resulted in 27,736 violations that were not mailed to vehicle owners. An independent audit of Verra Mobility's system has confirmed resolution of the error and detected no additional system failures. An agreement through which Verra Mobility will address the estimated revenue shortfall is nearly finalized. That agreement will be subject to approval of the Authority's Board at a Sunshine Act meeting.

## Debt Collection

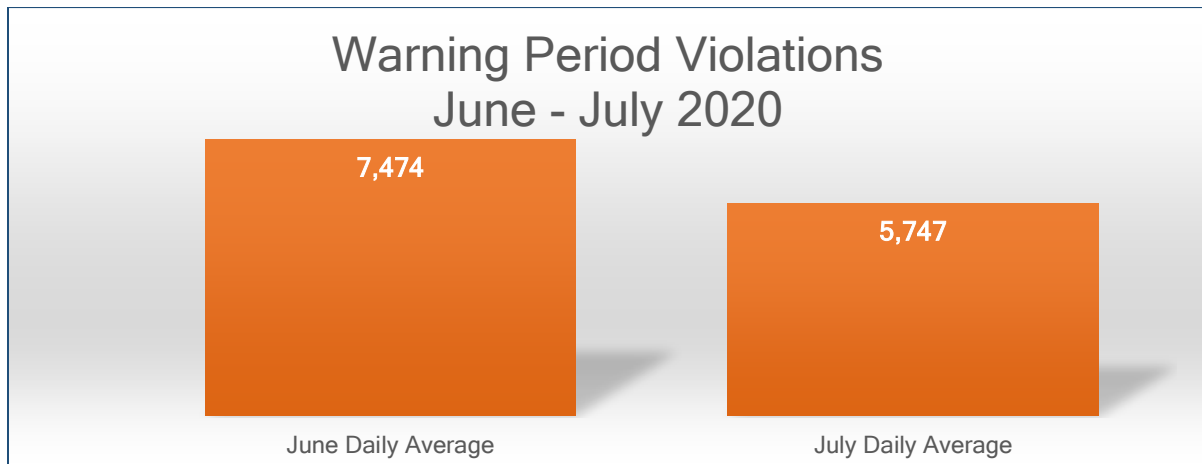
After penalties are added and failure to receive payment, unanswered violations are escalated to debt collections. The table below shows the total notices paid, partially paid, and unpaid. Only 2% of violations are awaiting a hearing. Collection rates presently average 48%; these rates are expected to rise during the next fiscal year.



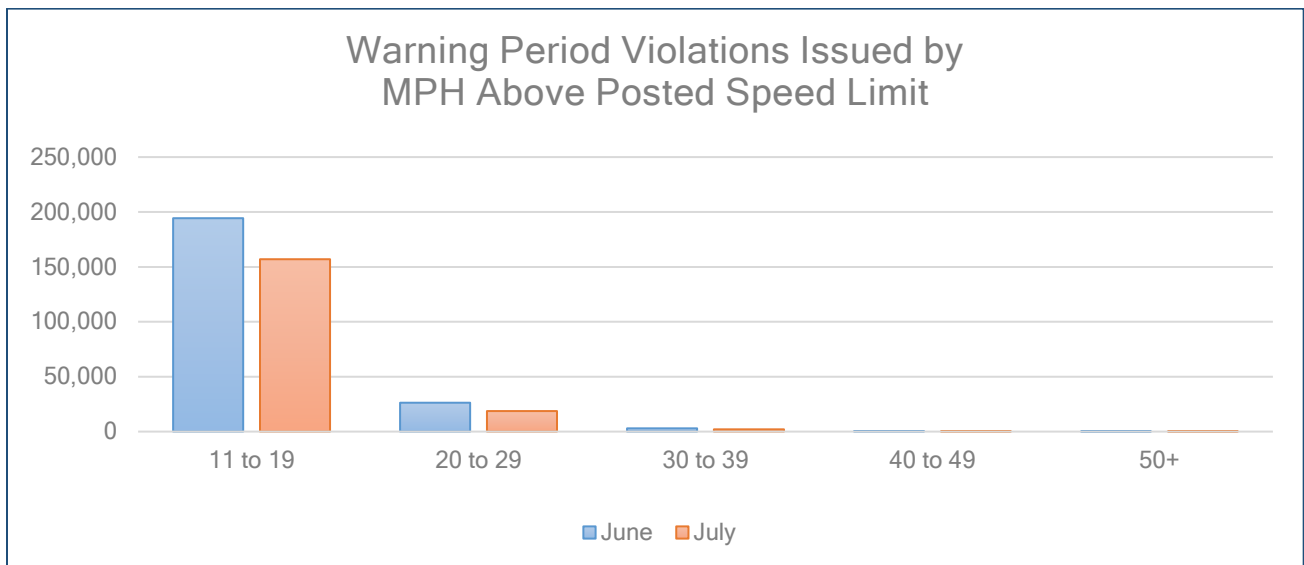
*Figure 1- Speed Camera Violation Collection Rates August 2020- February 2021*

## Warning Period

When the program was launched, the number of violations far exceeded expectations. Even with significant public notice and education regarding the pilot program, there were more violations than expected and the rate of travel was alarming. During the 60-day warning period, a total of 402,359 violation warning notices were issued. This is an average of approximately 6,596 per day.



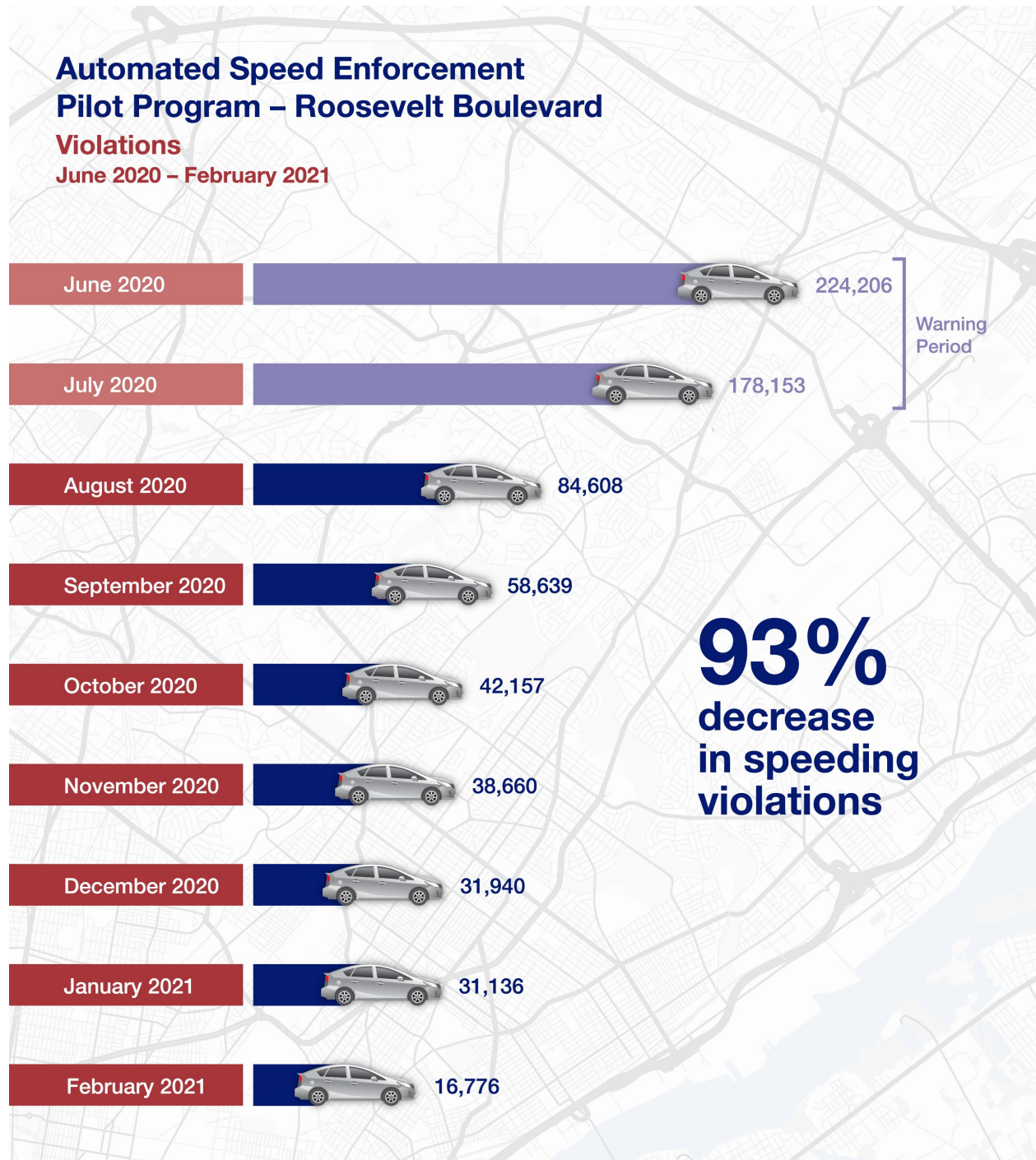
Approximately 87% of vehicles were traveling between 11-19 mph above the speed limit, 11.1% between 20-29 mph, and 1.5% were traveling 30 mph or more over the speed limit. Also during the warning period, 75 vehicles were recorded traveling in excess of 100 mph.



*Figure 2- Warning Period Violations Issued by MPH Above Posted Speed Limit*

## Pilot Program Violation Issuance

When violations are captured and information is requested from the appropriate Department of Motor Vehicles (DMV), registration information is not always immediately provided. License plates are resubmitted to the appropriate DMV's for registration information up until the statute of limitations, which is ninety days after the violation date. For this reason, violation data for December, January and February are not yet complete. The data will become final as of ninety days from the last day of that month.



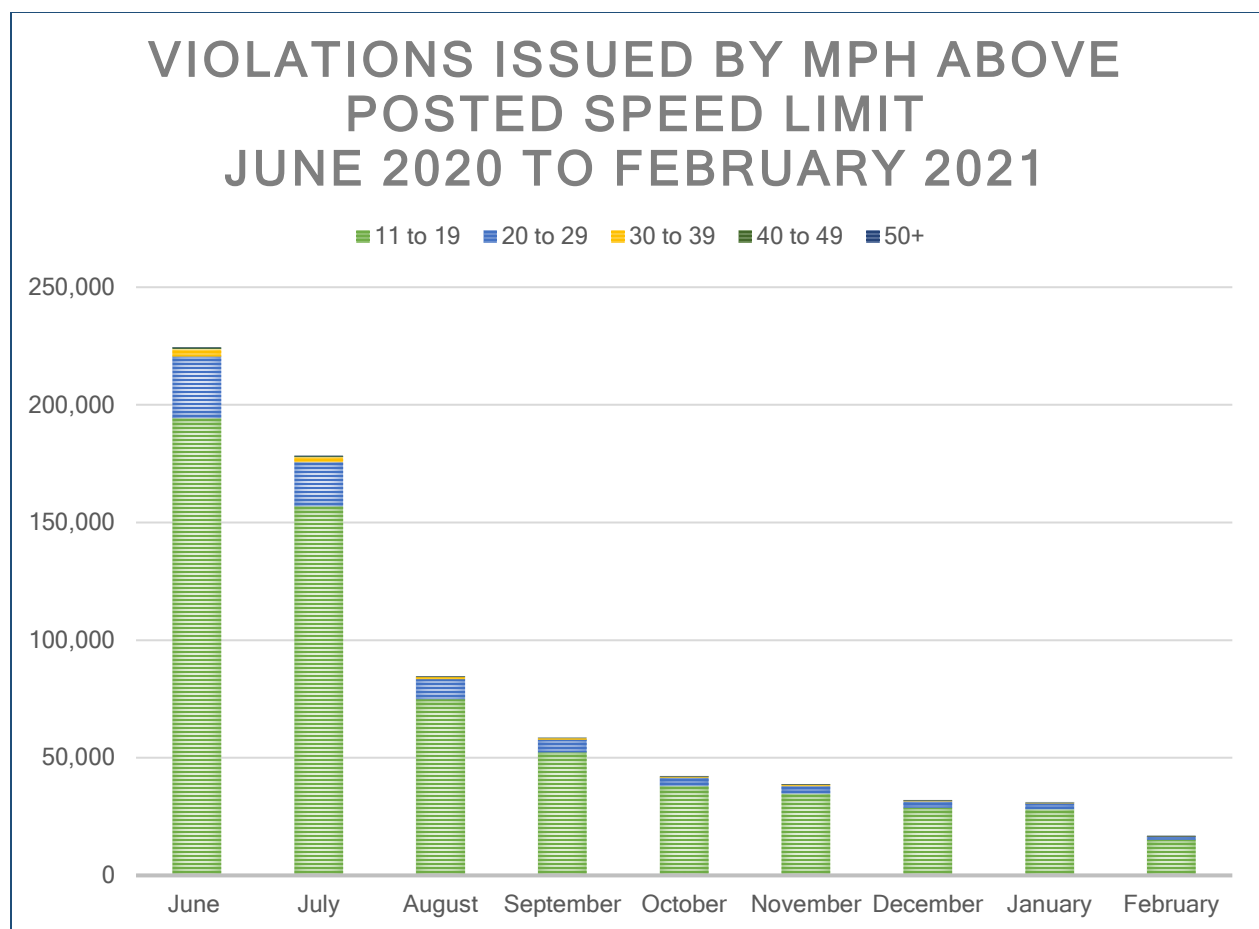
The total monthly number of violations has steadily decreased from August 2020 (first month of violation notices with accompanying fines issued) to February 2021.

Due to a Verra Mobility system error in August 2020, 27,736 violations were not issued. 56,872 violation notices were mailed, however, the total number of violations that occurred was 84,608.

## Rate of Speed

As of November 2020, 38,660 notices were issued, approximately 90% of the vehicles were traveling between 11-19MPH above the speed limit and approximately 1.4% were speeding in excess of 30MPH or more above the speed limit.

The number of vehicles speeding over 100MPH decreased to eight.



*Figure 3- Violations Issued by MPH Above Posted Speed Limit June 2020 to February 2021*

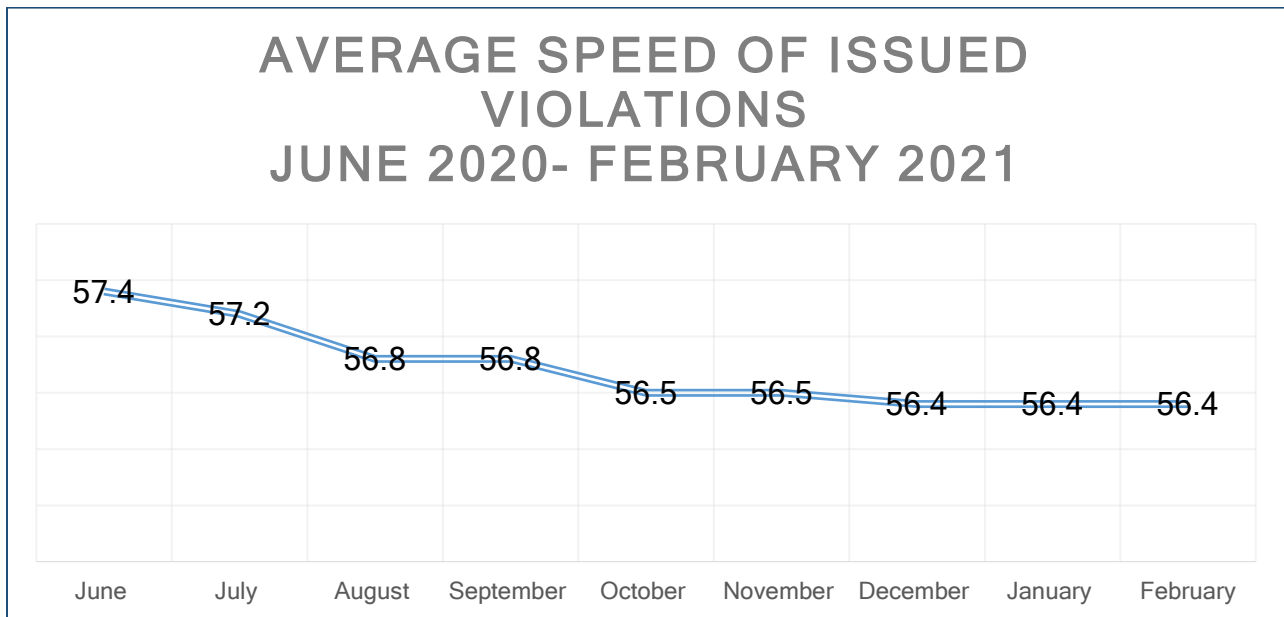


## Average Traffic Speeds

The average speed is calculated by averaging the speed of all vehicles traveling past the cameras, not just those that are issued a violation. From the south of the Boulevard, the first four intersections have a posted speed limit of 40 mph and the last four are posted at 45 mph.



The chart below indicates the average speed of vehicles in all locations in which violations were issued.

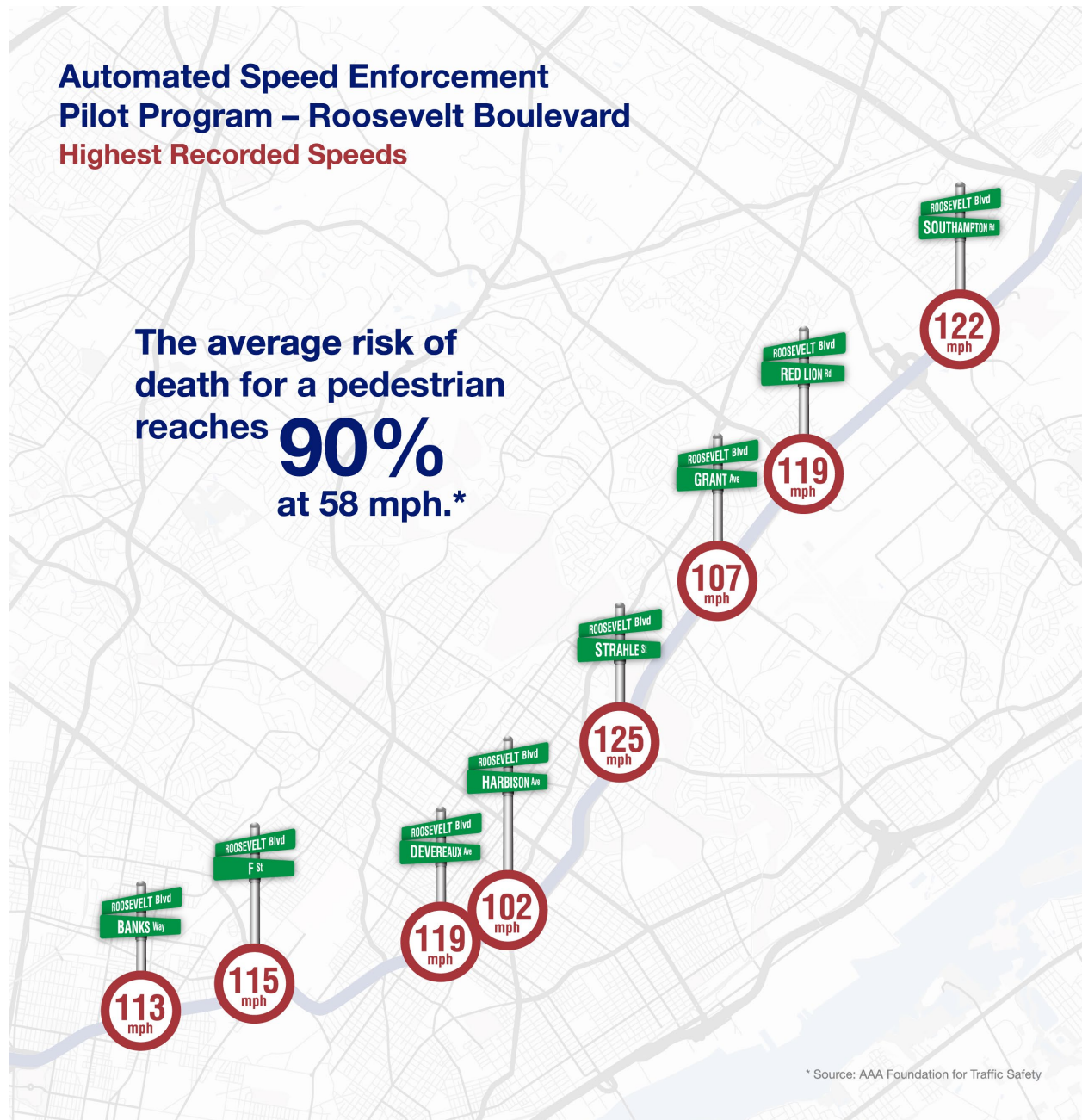


See [Appendix A](#) for average speeds of vehicles issued violations by location, by hour from June 2020 to February 2021.

## High Traffic Speeds

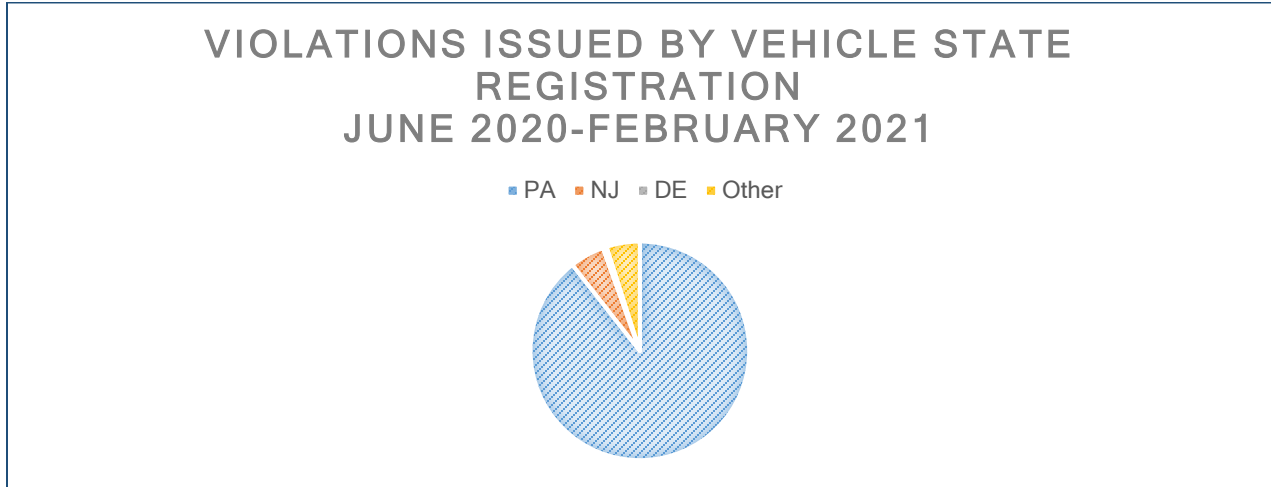
The number of vehicles speeding in excess of 100 mph during the 60-day warning period was 75. That number was dramatically reduced in the following seven months, with 7 vehicles recorded over 100 mph in February 2021.

The graphic below indicates the highest speed recorded at each intersection during the first nine months.



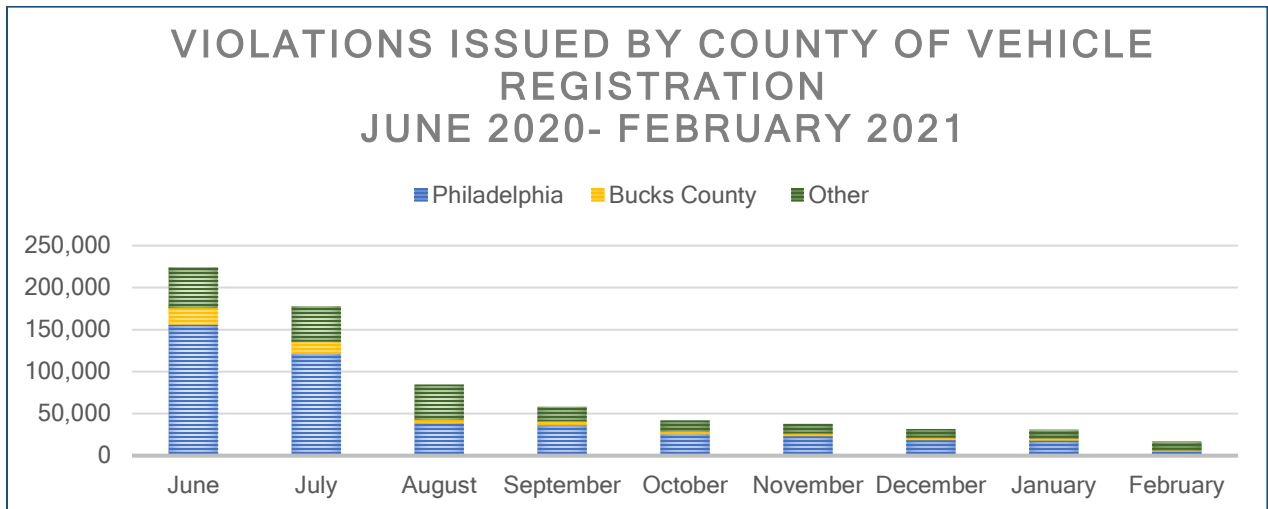
## Violation Demographics

The majority of speeding violations (89%) are issued to vehicles that are registered in Pennsylvania. Vehicles registered in New Jersey comprise 5.1% of all violations, Delaware registered vehicles are the lowest at .56%, and other states account for 4.9% of violations issued.



*Figure 4- Violations Issued by Vehicle State Registration June 2020 to February 2021*

Of those violations issued to vehicles registered in Pennsylvania is the highest percentage, at 63.03%, Bucks County at 8.14%.

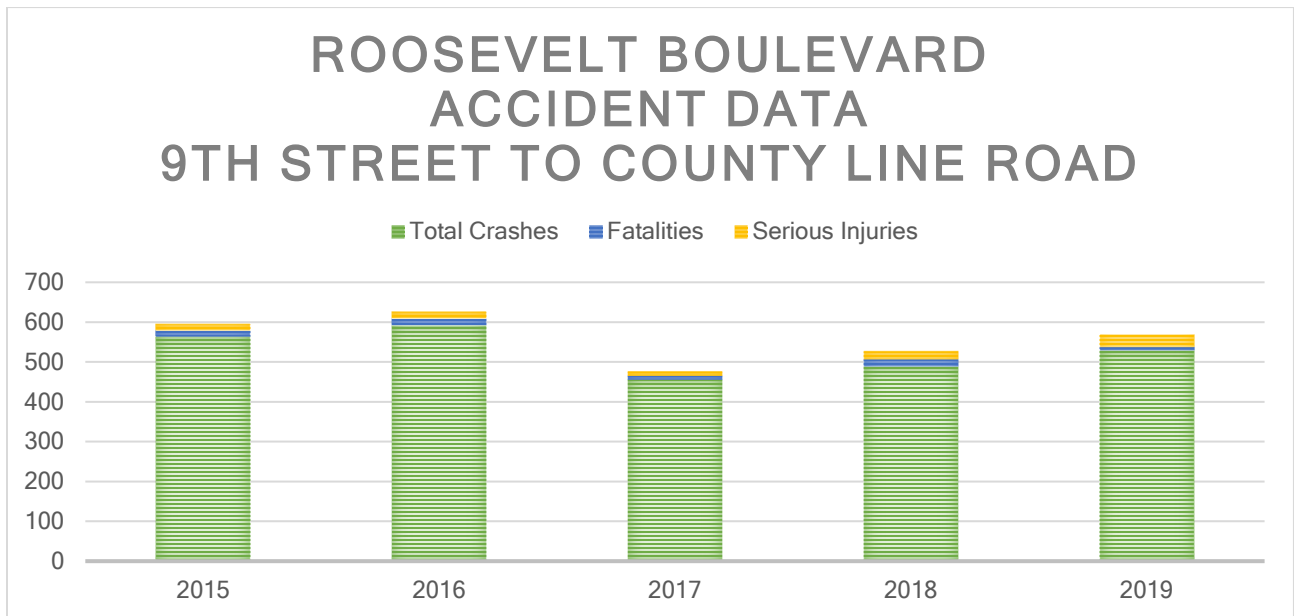


*Figure 5- Violations Issued by County June 2020 to February 2021*

Included in the data above are violations issued to vehicles registered in Bucks County zip codes near the Philadelphia border (18940, 18954, 18966, 18974, 19007, 19020, 19021, 19030, 19047, 19053, 19055, and 19067). This data suggests that additional education and Public Service Announcements (PSAs) targeted to local drivers regarding the dangers of speeding could further reduce violations.

## Crash Data

The state statute of the pilot program requires that crash data be included in the speed camera annual report. The most recent crash data that is currently available from PennDOT includes data through 2019. While the most current data is included in this report, it is not current enough to determine the impact of speed cameras in reducing crashes, injuries, fatalities, or accidents involving pedestrians and bicyclists.



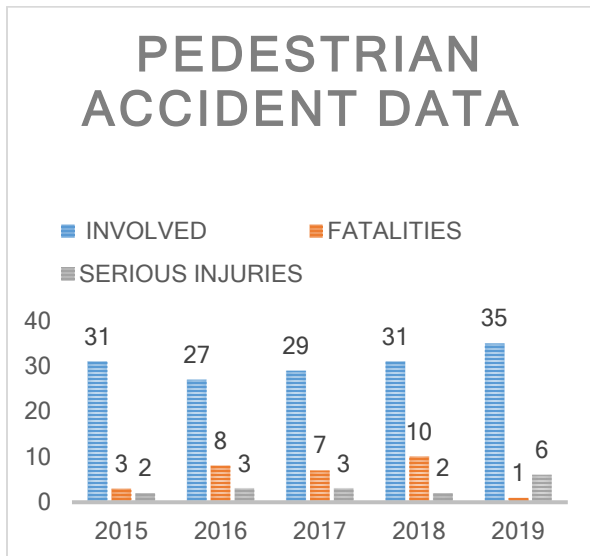
*Figure 6- Roosevelt Boulevard Accident Data 9<sup>th</sup> Street to County Line Road*



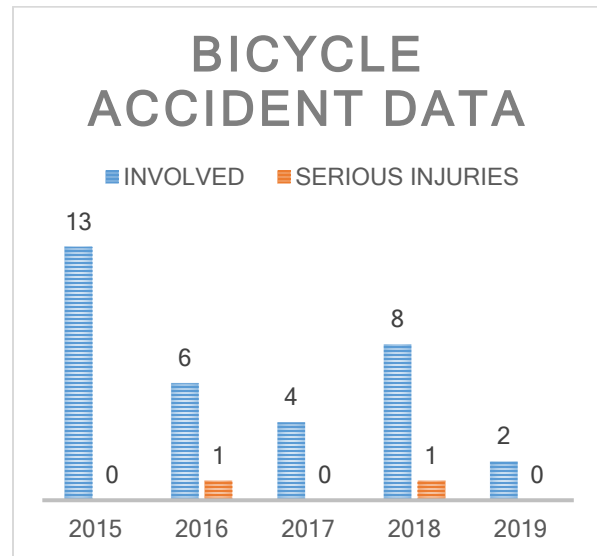
*A makeshift memorial near where a mother and three sons were killed trying to cross Roosevelt Boulevard in 2013- AP Photo/Matt Rourke*

Motorists are not the only ones affected by excessive speeding and dangerous roadways; pedestrians and bicyclists are oftentimes putting their lives in danger while navigating Roosevelt Boulevard.

Shown below is accident data from PennDOT depicting crashes that involved pedestrians and bicyclists along Roosevelt Boulevard from 9<sup>th</sup> Street to County Line Road from 2015 to 2019.



*Figure 7- Pedestrian Accident Data*



*Figure 8- Bicycle Accident Data*



*Bicycle Coalition Executive Director Sarah Clark Stuart speaks in support of speed cameras on Roosevelt Boulevard in October, 2018. Photo courtesy of the Philadelphia Bicycle Coalition.*



## Location Analysis

Roosevelt Boulevard is a local highway unlike most. At times it is multilevel allowing vehicles to bypass intersections through and underpass. Multiple lanes of travel are separated by grass steps with intermittent crossovers. The speed limit varies from 40 miles per hour and increases to 45 miles per hour in the northern portions. Upon review of the data, the speed cameras installed at Deveraux Avenue has seen the highest violations issued and at the highest speeds. The speed camera at Strahle Street has also seen high rates of speed and a high rate of violations. This may be due to long stretches of highway where there are no traffic signals.



The Authority has several recommendations to enhance safety along Roosevelt Boulevard:

- Installation of additional speed cameras along this corridor, particularly between Banks Way and Deveraux Avenue
- Consider installation of a traffic signal between Strahle and Woodward Street
- Police presence during off-peak hours to reduce excessive speeding
- Public Service Announcements targeting local communities about the dangers of speed to motorists, pedestrians, and bicycle riders

## Speed Camera Violation Data By Location

The following tables detail speed camera data by location. The data is updated as violations are reviewed by the police department. The tables reflect data up to March 31, 2021. Click on underlined streets to view traffic footage.

**Banks Way-Northbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 703,871          | 35.4       | 55.4             | 102                    | 6,147          |
| JUL-20       | 743,577          | 34.07      | 55.3             | 93                     | 3,856          |
| AUG-20       | 710,474          | 32.9       | 55.3             | 86                     | 1,171          |
| SEP-20       | 633,632          | 32.48      | 55.1             | 91                     | 1,096          |
| OCT-20       | 655,955          | 32.48      | 55               | 92                     | 883            |
| NOV-20       | 588,427          | 32.52      | 54.7             | 79                     | 877            |
| DEC-20       | 585,272          | 33.06      | 54.6             | 82                     | 839            |
| JAN-21       | 580,987          | 33.1       | 54.6             | 85                     | 762            |
| FEB-21       | 522,178          | 32.29      | 54.5             | 81                     | 456            |
| <b>TOTAL</b> | <b>5,724,373</b> |            |                  |                        | <b>16,087</b>  |

**Banks Way-Northbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 450,322          | 35.69      | 55.5             | 89                     | 6,801          |
| JUL-20       | 481,038          | 34.28      | 55.5             | 104                    | 4,484          |
| AUG-20       | 465,344          | 33.34      | 55.3             | 86                     | 1,666          |
| SEP-20       | 456,664          | 32.28      | 55.3             | 83                     | 1,525          |
| OCT-20       | 459,892          | 32.17      | 55.1             | 76                     | 1,090          |
| NOV-20       | 413,940          | 32.46      | 55.1             | 78                     | 1,034          |
| DEC-20       | 406,125          | 32.29      | 55.2             | 93                     | 830            |
| JAN-21       | 407,221          | 32.42      | 54.8             | 85                     | 751            |
| FEB-21       | 362,827          | 31.26      | 55               | 82                     | 389            |
| <b>TOTAL</b> | <b>3,903,373</b> |            |                  |                        | <b>18,570</b>  |

**Banks Way-Southbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 709,602          | 35.97      | 55.5             | 101                    | 6,629          |
| JUL-20       | 727,267          | 33.82      | 55.8             | 107                    | 2,690          |
| AUG-20       | 753,694          | 33.54      | 55.2             | 94                     | 1,648          |
| SEP-20       | 747,401          | 33.42      | 55               | 95                     | 2,058          |
| OCT-20       | 765,113          | 33.15      | 55               | 97                     | 1,645          |
| NOV-20       | 690,041          | 33.23      | 54.8             | 85                     | 1,443          |
| DEC-20       | 675,379          | 33.05      | 54.9             | 90                     | 1,098          |
| JAN-21       | 673,870          | 33.54      | 54.8             | 100                    | 1,202          |
| FEB-21       | 590,691          | 32.47      | 54.9             | 95                     | 711            |
| <b>TOTAL</b> | <b>6,333,058</b> |            |                  |                        | <b>19,124</b>  |

**Banks Way-Southbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 506,791          | 36.77      | 55.4             | 113                    | 7,507          |
| JUL-20       | 550,480          | 35.58      | 55.3             | 91                     | 5,053          |
| AUG-20       | 533,788          | 34.7       | 55.1             | 99                     | 2,000          |
| SEP-20       | 440,729          | 33.26      | 55.1             | 80                     | 1,114          |
| OCT-20       | 436,052          | 32.7       | 54.8             | 82                     | 737            |
| NOV-20       | 417,813          | 33.05      | 55.1             | 84                     | 973            |
| DEC-20       | 422,319          | 33.14      | 54.9             | 84                     | 1,036          |
| JAN-21       | 417,802          | 33.6       | 54.9             | 92                     | 1,064          |
| FEB-21       | 377,158          | 32.3       | 55.5             | 90                     | 552            |
| <b>TOTAL</b> | <b>4,102,932</b> |            |                  |                        | <b>20,036</b>  |



**F Street-Northbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 602,247          | 36.22      | 54.7             | 86                     | 7,394          |
| JUL-20       | 662,792          | 36.44      |                  | 90                     | 12,846         |
| AUG-20       | 643,825          | 35.08      | 55               | 99                     | 4,837          |
| SEP-20       | 614,667          | 33.92      | 54.7             | 91                     | 4,441          |
| OCT-20       | 671,913          | 33.54      | 54.6             | 94                     | 3,203          |
| NOV-20       | 603,159          | 33.24      | 54.6             | 90                     | 2,822          |
| DEC-20       | 595,529          | 33.48      | 54.3             | 84                     | 2,703          |
| JAN-21       | 596,259          | 34.18      | 54.4             | 88                     | 2,483          |
| FEB-21       | 519,426          | 32.28      | 54.4             | 78                     | 1,239          |
| <b>TOTAL</b> | <b>5,509,817</b> |            |                  |                        | <b>41,968</b>  |

**F Street-Northbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 373,343          | 34.63      | 54.8             | 83                     | 2,843          |
| JUL-20       | 450,648          | 34.29      | 55.2             | 92                     | 4,622          |
| AUG-20       | 455,054          | 33.94      | 54.9             | 80                     | 2,054          |
| SEP-20       | 300,844          | 32.25      | 54.8             | 80                     | 1,308          |
| OCT-20       | 423,116          | 32.13      | 54.9             | 86                     | 1,433          |
| NOV-20       | 373,692          | 31.96      | 54.7             | 96                     | 1,061          |
| DEC-20       | 342,335          | 32.04      | 54.9             | 86                     | 926            |
| JAN-21       | 335,550          | 32.51      | 54.5             | 75                     | 879            |
| FEB-21       | 300,081          | 30.97      | 54.5             | 74                     | 413            |
| <b>TOTAL</b> | <b>3,354,663</b> |            |                  |                        | <b>15,539</b>  |

**F Street-Southbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 653,791          | 32.22      | 55.8             | 99                     | 17,727         |
| JUL-20       | 715,735          | 30.78      | 55.8             | 98                     | 12,118         |
| AUG-20       | 697,802          | 29.84      | 55.4             | 104                    | 4,028          |
| SEP-20       | 682,187          | 29.42      | 55.4             | 98                     | 3,979          |
| OCT-20       | 697,516          | 29.21      | 54.9             | 97                     | 2,797          |
| NOV-20       | 620,267          | 29.49      | 54.6             | 101                    | 2,267          |
| DEC-20       | 618,137          | 29.78      | 54.8             | 115                    | 2,198          |
| JAN-21       | 620,300          | 30.16      | 55               | 98                     | 2,307          |
| FEB-21       | 548,699          | 29.3       | 54.5             | 87                     | 1,238          |
| <b>TOTAL</b> | <b>5,854,434</b> |            |                  |                        | <b>48,659</b>  |

**F Street-Southbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 409,897          | 36.7       | 55.7             | 89                     | 11,069         |
| JUL-20       | 443,717          | 35.61      | 55.6             | 87                     | 8,321          |
| AUG-20       | 446,955          | 34.51      | 55.3             | 91                     | 3,159          |
| SEP-20       | 398,160          | 34.02      | 55.1             | 90                     | 3,207          |
| OCT-20       | 370,403          | 33.55      | 55               | 91                     | 2,104          |
| NOV-20       | 342,894          | 33.24      | 55               | 87                     | 1,620          |
| DEC-20       | 327,941          | 33.24      | 54.7             | 82                     | 1,445          |
| JAN-21       | 328,686          | 33.56      | 54.7             | 81                     | 1,452          |
| FEB-21       | 289,607          | 32.5       | 54.7             | 84                     | 813            |
| <b>TOTAL</b> | <b>3,358,260</b> |            |                  |                        | <b>33,190</b>  |

**Devereaux Street-Northbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 439,360          | 43.3       | 56.1             | 119                    | 35,406         |
| JUL-20       | 512,970          | 42.07      | 55.8             | 107                    | 29,844         |
| AUG-20       | 491,924          | 40.22      | 55.4             | 104                    | 10,199         |
| SEP-20       | 465,618          | 39.56      | 55               | 111                    | 9,302          |
| OCT-20       | 474,667          | 38.95      | 54.8             | 101                    | 6,421          |
| NOV-20       | 442,634          | 38.61      | 55               | 97                     | 5,776          |
| DEC-20       | 433,636          | 37.95      | 54.8             | 100                    | 4,599          |
| JAN-21       | 437,708          | 38.23      | 54.7             | 108                    | 4,415          |
| FEB-21       | 370,869          | 36.59      | 54.7             | 99                     | 2,771          |
| <b>TOTAL</b> | <b>4,069,386</b> |            |                  |                        | <b>108,733</b> |

**Devereaux Street-Northbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 501,834          | 38.09      | 55.2             | 94                     | 15,157         |
| JUL-20       | 550,412          | 37.18      | 54.9             | 95                     | 10,871         |
| AUG-20       | 537,201          | 35.96      | 54.6             | 90                     | 3,204          |
| SEP-20       | 544,478          | 35.32      | 54.7             | 88                     | 3,439          |
| OCT-20       | 577,045          | 34.83      | 54.5             | 94                     | 2,884          |
| NOV-20       | 526,782          | 34.56      | 54.7             | 95                     | 2,758          |
| DEC-20       | 516,001          | 33.91      | 54.5             | 106                    | 1,996          |
| JAN-21       | 512,727          | 34.74      | 54.6             | 86                     | 2,129          |
| FEB-21       | 450,590          | 32.98      | 54.6             | 102                    | 1,193          |
| <b>TOTAL</b> | <b>4,717,070</b> |            |                  |                        | <b>43,631</b>  |

**Devereaux Street-Southbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 579,914          | 27.06      | 55.7             | 109                    | 5,736          |
| JUL-20       | 640,239          | 25.63      | 55.3             | 100                    | 3,471          |
| AUG-20       | 624,581          | 23.87      | 55.1             | 111                    | 933            |
| SEP-20       | 624,108          | 23.68      | 54.7             | 94                     | 1,127          |
| OCT-20       | 630,185          | 23.8       | 55               | 113                    | 846            |
| NOV-20       | 561,091          | 24.96      | 55.7             | 102                    | 1,952          |
| DEC-20       | 537,231          | 25.47      | 55.6             | 99                     | 1,796          |
| JAN-21       | 539,828          | 25.83      | 55.3             | 112                    | 1,667          |
| FEB-21       | 476,757          | 26.38      | 55.1             | 95                     | 959            |
| <b>TOTAL</b> | <b>5,213,934</b> |            |                  |                        | <b>18,487</b>  |

**Devereaux Street-Southbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 412,550          | 28.37      | 55.9             | 94                     | 5,420          |
| JUL-20       | 458,343          | 27.14      | 55.3             | 105                    | 3,608          |
| AUG-20       | 443,936          | 25.41      | 54.9             | 87                     | 1,247          |
| SEP-20       | 429,791          | 25.21      | 54.7             | 79                     | 1,282          |
| OCT-20       | 444,081          | 24.82      | 55.1             | 94                     | 1,005          |
| NOV-20       | 403,633          | 25.53      | 56.1             | 105                    | 1,559          |
| DEC-20       | 395,455          | 25.57      | 55.7             | 87                     | 1,445          |
| JAN-21       | 391,239          | 26.01      | 55.9             | 97                     | 1,323          |
| FEB-21       | 352,816          | 26.61      | 55.6             | 96                     | 716            |
| <b>TOTAL</b> | <b>3,731,844</b> |            |                  |                        | <b>17,605</b>  |

**Harbison Avenue-Northbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 383,286          | 34.15      | 55.6             | 93                     | 6,669          |
| JUL-20       | 408,940          | 32.62      | 55.4             | 102                    | 4,707          |
| AUG-20       | 393,410          | 27.14      | 55.1             | 85                     | 710            |
| SEP-20       | 381,087          | 30.29      | 54.9             | 99                     | 1,068          |
| OCT-20       | 398,799          | 31.25      | 54.7             | 77                     | 842            |
| NOV-20       | 354,145          | 24.63      | 54.5             | 93                     | 237            |
| DEC-20       | 335,418          | 23.7       | 54               | 76                     | 117            |
| JAN-21       | 330,677          | 23.47      | 54.1             | 80                     | 94             |
| FEB-21       | 294,817          | 21.96      | 54.6             | 71                     | 60             |
| <b>TOTAL</b> | <b>3,280,579</b> |            |                  |                        | <b>15,329</b>  |

**Harbison Avenue-Northbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 501,655          | 28.38      | 55.2             | 92                     | 3,372          |
| JUL-20       | 475,016          | 27.45      | 55.1             | 85                     | 2,121          |
| AUG-20       | 520,019          | 23.49      | 55.9             | 82                     | 365            |
| SEP-20       | 377,948          | 24.87      | 55               | 80                     | 419            |
| OCT-20       | 470,498          | 25.72      | 54.7             | 77                     | 436            |
| NOV-20       | 411,868          | 22.26      | 55.2             | 73                     | 133            |
| DEC-20       | 374,501          | 21.53      | 55.3             | 73                     | 74             |
| JAN-21       | 370,843          | 21.64      | 55.5             | 77                     | 62             |
| FEB-21       | 327,465          | 20.39      | 54.9             | 72                     | 22             |
| <b>TOTAL</b> | <b>3,829,813</b> |            |                  |                        | <b>7,004</b>   |

**Harbison Avenue-Southbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 511,167          | 21.71      | 56.5             | 97                     | 847            |
| JUL-20       | 553,895          | 21.14      | 56.2             | 82                     | 608            |
| AUG-20       | 536,834          | 21.48      | 55.3             | 75                     | 171            |
| SEP-20       | 505,332          | 22.16      | 56.1             | 78                     | 281            |
| OCT-20       | 472,234          | 21.22      | 55.6             | 79                     | 155            |
| NOV-20       | 435,285          | 21.98      | 55.4             | 71                     | 97             |
| DEC-20       | 396,842          | 22.18      | 55.9             | 101                    | 61             |
| JAN-21       | 407,813          | 22.05      | 56.3             | 71                     | 44             |
| FEB-21       | 371,266          | 24.56      | 54.7             | 11                     | 111            |
| <b>TOTAL</b> | <b>4,190,668</b> |            |                  |                        | <b>2,375</b>   |

**Harbison Avenue-Southbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 326,324          | 25.5       | 56.1             | 95                     | 926            |
| JUL-20       | 359,507          | 24.74      | 55.9             | 90                     | 723            |
| AUG-20       | 346,147          | 24.81      | 55.6             | 76                     | 187            |
| SEP-20       | 335,004          | 25.24      | 54.9             | 80                     | 450            |
| OCT-20       | 349,196          | 23.86      | 55.1             | 78                     | 238            |
| NOV-20       | 319,766          | 24.42      | 55               | 78                     | 132            |
| DEC-20       | 310,813          | 24.22      | 54.4             | 81                     | 69             |
| JAN-21       | 307,160          | 24.25      | 54.3             | 86                     | 45             |
| FEB-21       | 276,675          | 26.17      | 54.1             | 68                     | 153            |
| <b>TOTAL</b> | <b>2,930,592</b> |            |                  |                        | <b>2,923</b>   |

**Strahle Street-Northbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 391,761          | 40.79      | 60.7             | 125                    | 5,539          |
| JUL-20       | 422,179          | 39.89      | 60.5             | 118                    | 4,334          |
| AUG-20       | 399,254          | 38.78      | 59.9             | 100                    | 1,167          |
| SEP-20       | 392,047          | 38.6       | 60               | 104                    | 1,174          |
| OCT-20       | 526,108          | 38.25      | 59.5             | 86                     | 1,011          |
| NOV-20       | 470,906          | 38.11      | 59.1             | 103                    | 736            |
| DEC-20       | 459,126          | 37.84      | 59.4             | 113                    | 599            |
| JAN-21       | 462,781          | 38.53      | 59.1             | 85                     | 559            |
| FEB-21       | 408,249          | 37.95      | 59.3             | 89                     | 398            |
| <b>TOTAL</b> | <b>3,932,411</b> |            |                  |                        | <b>15,517</b>  |

**Strahle Street-Northbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 325,932          | 43.07      | 60.3             | 110                    | 8,125          |
| JUL-20       | 352,798          | 42.17      | 60.2             | 103                    | 6,200          |
| AUG-20       | 341,213          | 40.9       | 59.8             | 95                     | 1,904          |
| SEP-20       | 334,342          | 40.52      | 59.8             | 103                    | 1,874          |
| OCT-20       | 355,987          | 39.87      | 59.8             | 104                    | 1,197          |
| NOV-20       | 324,326          | 39.77      | 59.7             | 87                     | 988            |
| DEC-20       | 326,130          | 39.19      | 59.6             | 96                     | 743            |
| JAN-21       | 315,592          | 39.67      | 59.6             | 97                     | 775            |
| FEB-21       | 283,888          | 38.61      | 60               | 104                    | 463            |
| <b>TOTAL</b> | <b>2,960,208</b> |            |                  |                        | <b>22,269</b>  |

**Strahle Street-Southbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 458,447          | 23.76      | 61.7             | 109                    | 2,130          |
| JUL-20       | 501,983          | 23.41      | 61.6             | 113                    | 1,489          |
| AUG-20       | 481,243          | 24.17      | 60.7             | 89                     | 425            |
| SEP-20       | 464,875          | 24.02      | 60.6             | 112                    | 384            |
| OCT-20       | 458,968          | 23.92      | 59.9             | 95                     | 235            |
| NOV-20       | 412,564          | 23.84      | 60.4             | 105                    | 194            |
| DEC-20       | 402,621          | 24.39      | 59.8             | 85                     | 151            |
| JAN-21       | 400,977          | 24.12      | 60.7             | 96                     | 160            |
| FEB-21       | 359,132          | 24.18      | 61.1             | 92                     | 103            |
| <b>TOTAL</b> | <b>3,940,810</b> |            |                  |                        | <b>5,271</b>   |

**Strahle Street-Southbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 338,878          | 25.75      | 60.6             | 95                     | 863            |
| JUL-20       | 375,760          | 25.52      | 61.4             | 106                    | 701            |
| AUG-20       | 362,611          | 26.11      | 61.3             | 106                    | 201            |
| SEP-20       | 360,303          | 25.89      | 60.5             | 100                    | 174            |
| OCT-20       | 379,711          | 25.8       | 60.3             | 91                     | 113            |
| NOV-20       | 341,451          | 25.63      | 62               | 98                     | 83             |
| DEC-20       | 332,130          | 26.08      | 60.7             | 106                    | 68             |
| JAN-21       | 326,929          | 26.2       | 61.9             | 91                     | 62             |
| FEB-21       | 291,795          | 25.61      | 63.8             | 107                    | 38             |
| <b>TOTAL</b> | <b>3,109,568</b> |            |                  |                        | <b>2,514</b>   |

**Grant Avenue-Northbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 393,225          | 27.71      | 59.7             | 74                     | 191            |
| JUL-20       | 425,493          | 27.32      | 59.9             | 72                     | 143            |
| AUG-20       | 326,325          | 27.04      | 59.9             | 74                     | 28             |
| SEP-20       | 400,623          | 26.64      | 59.6             | 77                     | 48             |
| OCT-20       | 391,343          | 26.35      | 59.7             | 66                     | 24             |
| NOV-20       | 344,745          | 26.88      | 58.4             | 66                     | 21             |
| DEC-20       | 351,266          | 26.7       | 58.4             | 64                     | 24             |
| JAN-21       | 344,911          | 27.31      | 60.3             | 77                     | 20             |
| FEB-21       | 309,000          | 26.6       | 58.9             | 67                     | 14             |
| <b>TOTAL</b> | <b>3,286,931</b> |            |                  |                        | <b>513</b>     |

**Grant Avenue-Northbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 373,339          | 30.71      | 59.5             | 77                     | 430            |
| JUL-20       | 401,215          | 30.43      | 59.5             | 81                     | 377            |
| AUG-20       | 383,357          | 29.55      | 59.2             | 73                     | 111            |
| SEP-20       | 379,743          | 29.63      | 59.6             | 86                     | 112            |
| OCT-20       | 396,964          | 29.12      | 59.2             | 68                     | 85             |
| NOV-20       | 366,900          | 29.28      | 61.1             | 96                     | 80             |
| DEC-20       | 369,739          | 28.89      | 59.2             | 69                     | 51             |
| JAN-21       | 353,398          | 29.79      | 60.5             | 93                     | 72             |
| FEB-21       | 316,963          | 29.06      | 59.7             | 78                     | 41             |
| <b>TOTAL</b> | <b>3,341,618</b> |            |                  |                        | <b>1,359</b>   |

**Grant Avenue-Southbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 402,678          | 37.65      | 60.9             | 88                     | 299            |
| JUL-20       | 449,931          | 37.4       | 60.5             | 88                     | 300            |
| AUG-20       | 420,869          | 36.41      | 60               | 88                     | 138            |
| SEP-20       | 411,610          | 36.05      | 59.3             | 87                     | 102            |
| OCT-20       | 421,429          | 36.08      | 59.1             | 71                     | 92             |
| NOV-20       | 384,006          | 36.08      | 59.8             | 80                     | 108            |
| DEC-20       | 375,392          | 35.38      | 60.2             | 82                     | 71             |
| JAN-21       | 362,576          | 36.08      | 60.8             | 97                     | 67             |
| FEB-21       | 323,629          | 35.38      | 59.3             | 67                     | 45             |
| <b>TOTAL</b> | <b>3,552,120</b> |            |                  |                        | <b>1,222</b>   |

**Grant Avenue-Southbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 258,963          | 38.3       | 60.5             | 94                     | 545            |
| JUL-20       | 290,499          | 38.01      | 60.4             | 107                    | 516            |
| AUG-20       | 280,164          | 36.9       | 59.9             | 83                     | 185            |
| SEP-20       | 273,996          | 36.52      | 59.7             | 76                     | 159            |
| OCT-20       | 282,324          | 35.75      | 60.9             | 85                     | 78             |
| NOV-20       | 253,985          | 35.49      | 59.9             | 79                     | 86             |
| DEC-20       | 246,370          | 35.32      | 60.1             | 106                    | 73             |
| JAN-21       | 246,711          | 35.83      | 60               | 78                     | 52             |
| FEB-21       | 229,984          | 35.01      | 60               | 77                     | 52             |
| <b>TOTAL</b> | <b>2,362,996</b> |            |                  |                        | <b>1746</b>    |

**Red Lion Road-Northbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 417,436          | 62.88      | 60.7             | 108                    | 9,343          |
| JUL-20       | 452,419          | 41.96      | 60.4             | 109                    | 7,001          |
| AUG-20       | 437,093          | 40.28      | 60.1             | 101                    | 1,861          |
| SEP-20       | 424,655          | 39.92      | 60               | 102                    | 1,849          |
| OCT-20       | 448,261          | 39.56      | 59.6             | 96                     | 1,268          |
| NOV-20       | 405,187          | 39.76      | 59.4             | 101                    | 1,110          |
| DEC-20       | 401,769          | 39.16      | 59.5             | 94                     | 979            |
| JAN-21       | 392,352          | 39.64      | 59.5             | 119                    | 876            |
| FEB-21       | 348,577          | 38.77      | 59.3             | 82                     | 576            |
| <b>TOTAL</b> | <b>3,727,749</b> |            |                  |                        | <b>24,962</b>  |

**Red Lion Road-Northbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 218,127          | 44.25      | 60.4             | 101                    | 6,322          |
| JUL-20       | 281,015          | 43.09      | 60.2             | 100                    | 5,219          |
| AUG-20       | 270,354          | 41.36      | 59.8             | 98                     | 1,340          |
| SEP-20       | 267,946          | 40.9       | 59.8             | 94                     | 1,413          |
| OCT-20       | 274,072          | 40.26      | 59.6             | 102                    | 904            |
| NOV-20       | 243,548          | 40.39      | 59.7             | 101                    | 747            |
| DEC-20       | 239,076          | 40.03      | 59.5             | 90                     | 621            |
| JAN-21       | 226,261          | 40.5       | 59.8             | 101                    | 570            |
| FEB-21       | 167,481          | 39.65      | 59.3             | 80                     | 338            |
| <b>TOTAL</b> | <b>2,187,880</b> |            |                  |                        | <b>17,474</b>  |

**Red Lion Road-Southbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 316,659          | 46.63      | 60.2             | 110                    | 10,937         |
| JUL-20       | 354,834          | 45.41      | 60.1             | 101                    | 9,714          |
| AUG-20       | 338,265          | 43.67      | 59.8             | 116                    | 2,845          |
| SEP-20       | 330,851          | 43.36      | 59.7             | 96                     | 3,287          |
| OCT-20       | 347,044          | 42.82      | 59.4             | 101                    | 2,222          |
| NOV-20       | 313,022          | 42.95      | 59.3             | 83                     | 1,959          |
| DEC-20       | 299,996          | 42.25      | 59.5             | 94                     | 1,487          |
| JAN-21       | 292,816          | 42.68      | 59.3             | 87                     | 1,440          |
| FEB-21       | 262,807          | 41.65      | 59.5             | 95                     | 932            |
| <b>TOTAL</b> | <b>2,856,294</b> |            |                  |                        | <b>34,823</b>  |

**Red Lion Road-Southbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 247,239          | 44.32      | 60.3             | 105                    | 6,734          |
| JUL-20       | 289,594          | 43.51      | 60               | 102                    | 5,339          |
| AUG-20       | 280,661          | 41.96      | 59.8             | 100                    | 1,602          |
| SEP-20       | 281,376          | 41.63      | 59.7             | 104                    | 1,862          |
| OCT-20       | 307,549          | 41.11      | 59.5             | 87                     | 1,256          |
| NOV-20       | 284,084          | 41.16      | 59.2             | 85                     | 1,145          |
| DEC-20       | 277,786          | 40.53      | 59.7             | 93                     | 821            |
| JAN-21       | 274,110          | 40.95      | 59.5             | 104                    | 801            |
| FEB-21       | 248,118          | 39.89      | 59.5             | 94                     | 534            |
| <b>TOTAL</b> | <b>2,490,517</b> |            |                  |                        | <b>20,094</b>  |

**Southampton Road-Northbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 318,865          | 40.83      | 60               | 96                     | 7,115          |
| JUL-20       | 374,518          | 40.5       | 59.8             | 122                    | 6,622          |
| AUG-20       | 354,968          | 38.64      | 59.5             | 105                    | 1,741          |
| SEP-20       | 359,201          | 38.33      | 59.3             | 99                     | 2,116          |
| OCT-20       | 378,404          | 37.39      | 59.1             | 102                    | 1,403          |
| NOV-20       | 336,014          | 39.66      | 59.2             | 97                     | 1,848          |
| DEC-20       | 320,171          | 37.2       | 59.3             | 88                     | 956            |
| JAN-21       | 311,700          | 37.73      | 59.1             | 89                     | 931            |
| FEB-21       | 267,115          | 37.38      | 59.2             | 82                     | 682            |
| <b>TOTAL</b> | <b>3,020,956</b> |            |                  |                        | <b>23,414</b>  |

**Southampton Road-Northbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 368,628          | 42.17      | 59.7             | 98                     | 7,532          |
| JUL-20       | 433,679          | 41.81      | 59.4             | 107                    | 6,674          |
| AUG-20       | 418,508          | 40.62      | 59.3             | 91                     | 2,372          |
| SEP-20       | 431,140          | 40.25      | 59.1             | 90                     | 3,120          |
| OCT-20       | 450,608          | 39.4       | 58.9             | 91                     | 2,122          |
| NOV-20       | 395,444          | 40.48      | 59               | 91                     | 1,976          |
| DEC-20       | 376,594          | 39.59      | 58.9             | 103                    | 1,600          |
| JAN-21       | 378,478          | 39.98      | 58.9             | 83                     | 1,693          |
| FEB-21       | 323,733          | 39.05      | 59               | 92                     | 998            |
| <b>TOTAL</b> | <b>3,576,812</b> |            |                  |                        | <b>28,087</b>  |

**Southampton Road-Southbound/Inner Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 209,591          | 45.59      | 60.2             | 104                    | 9,027          |
| JUL-20       | 265,253          | 43.98      | 60               | 110                    | 7,095          |
| AUG-20       | 247,898          | 42.63      | 59.8             | 86                     | 1,891          |
| SEP-20       | 239,608          | 42.66      | 59.5             | 89                     | 2,547          |
| OCT-20       | 251,825          | 42.13      | 59.3             | 106                    | 1,842          |
| NOV-20       | 220,773          | 41.98      | 59.2             | 99                     | 1,424          |
| DEC-20       | 209,127          | 41.46      | 59               | 90                     | 1,231          |
| JAN-21       | 206,494          | 41.99      | 59.2             | 92                     | 1,277          |
| FEB-21       | 182,883          | 40.88      | 59.1             | 102                    | 827            |
| <b>TOTAL</b> | <b>2,033,452</b> |            |                  |                        | <b>27,161</b>  |

**Southampton Road-Southbound/Outer Lanes**

| MONTH        | TRAFFIC COUNT    | AVG. SPEED | AVG ISSUED SPEED | HIGHEST SPEED CAPTURED | NOTICES ISSUED |
|--------------|------------------|------------|------------------|------------------------|----------------|
| JUN-20       | 394,217          | 41.47      | 60.3             | 109                    | 9,424          |
| JUL-20       | 432,617          | 40.59      | 60               | 101                    | 6,486          |
| AUG-20       | 410,907          | 38.82      | 59.7             | 104                    | 1,482          |
| SEP-20       | 446,115          | 39.21      | 59.5             | 90                     | 2,322          |
| OCT-20       | 461,518          | 38.82      | 59.4             | 83                     | 1,586          |
| NOV-20       | 408,997          | 38.93      | 59.2             | 95                     | 1,414          |
| DEC-20       | 395,643          | 38.68      | 59.3             | 91                     | 1,256          |
| JAN-21       | 387,096          | 39.21      | 59.3             | 86                     | 1,234          |
| FEB-21       | 342,157          | 38.14      | 59.1             | 80                     | 725            |
| <b>TOTAL</b> | <b>3,679,267</b> |            |                  |                        | <b>25,929</b>  |



## Appendix A

| Location                | 12A<br>M | 1AM       | 2AM       | 3A<br>M | 4AM       | 5AM       | 6AM       | 7AM       | 8AM       | 9AM       | 10A<br>M | 11A<br>M |
|-------------------------|----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| Banks-NBIL              | 55.2     | 55.7      | 55.6      | 55.8    | 56.1      | 55.3      | 55        | 54.7      | 54.4      | 54.4      | 54.4     | 54.4     |
| Banks-NBOL              | 55.9     | 55.9      | 56.2      | 56      | 56.1      | 55.4      | 55.1      | 54.7      | 54.7      | 54.8      | 54.8     | 54.7     |
| Banks-SBIL              | 56.6     | 56.4      | 56.7      | 56.3    | 55.2      | 54.3      | 54.4      | 53.9      | 54.1      | 54.5      | 54.4     | 54.6     |
| Banks-SBOL              | 56.1     | 56.8      | 56.2      | 55.8    | 55.6      | 54.6      | 54.7      | 54.5      | 54.8      | 54.4      | 54.8     | 54.7     |
| F St-NBIL               | 55.3     | 55.3      | 55.5      | 55.7    | 55.4      | 55        | 54.8      | 54.4      | 54.5      | 54.4      | 54.4     | 54.4     |
| F St-NBOL               | 55.3     | 55.4      | 55.7      | 55.8    | 55.3      | 54.7      | 54.6      | 54.4      | 54.5      | 54.3      | 54.7     | 54.4     |
| F St-SBIL               | 56.1     | 56.5      | 56.7      | 56.5    | 55.8      | 55.4      | 55.3      | 55.2      | 54.7      | 54.9      | 55       | 55       |
| F St-SBOL               | 56.3     | 56.6      | 56.3      | 56.3    | 55.9      | 55.2      | 55.2      | 54.8      | 54.9      | 54.9      | 55       | 54.9     |
| Devereaux-NBIL          | 56.6     | 57.3      | 57.1      | 57.2    | 56.6      | 56.5      | 56.4      | 55.9      | 55.5      | 55.4      | 55.3     | 55.1     |
| Devereaux-NBOL          | 55.6     | 56        | 55.8      | 56.3    | 55.9      | 55.3      | 55        | 54.8      | 54.7      | 54.5      | 54.5     | 54.3     |
| Devereaux-SBIL          | 57.3     | 57.3      | 57.8      | 57.8    | 56        | 55.7      | 55.1      | 54.9      | 54.5      | 54.7      | 54.7     | 55       |
| Devereaux-SBOL          | 57.3     | 57.5      | 57.3      | 58.2    | 57.1      | 55.2      | 55.1      | 55.2      | 55        | 55        | 55.1     | 54.9     |
| Harbison-NBIL           | 56.5     | 56.3      | 57.1      | 56.4    | 56.8      | 56.4      | 55.5      | 55.1      | 55.1      | 54.8      | 54.7     | 54.6     |
| Harbison-NBOL           | 55.8     | 55.7      | 56.7      | 56.5    | 55.8      | 55.1      | 54.8      | 54.8      | 54.4      | 54.6      | 54.1     | 54.5     |
| Harbison-SBIL           | 55.8     | 55.2      | 56.3      | 57.6    | 57        | 54.2      | 53.7      | 55.3      | 54.3      | 55.5      | 54.6     | 54.9     |
| Harbison-SBOL           | 55.6     | 56.6      | 56        | 56.9    | 57.8      | 54.8      | 54.7      | 54.3      | 54.7      | 55.4      | 55.2     | 55.3     |
| Strahle-NBIL            | 60.3     | 61.5      | 61.8      | 61.4    | 59.7      | 60.1      | 60.4      | 59.9      | 59.9      | 59.7      | 59.9     | 59.8     |
| Strahle-NBOL            | 60.7     | 61.3      | 60.7      | 61.1    | 61.1      | 60        | 60.4      | 59.9      | 59.7      | 59.4      | 59.7     | 59.5     |
| Strahle-SBIL            | 62.5     | 63.6      | 64.2      | 63.1    | 61        | 60.3      | 62.9      | 61.1      | 61.3      | 60.6      | 60.8     | 60.4     |
| Strahle-SBOL            | 62.7     | 65        | 62.6      | 63.8    | 61.8      | 62.6      | 60.1      | 60.1      | 60.3      | 59.8      | 60.6     | 60.3     |
| Grant-NBIL              | 61.2     | 60.5      | 60        | 57.3    | 60.5      | 60.6      | 59.3      | 58.9      | 58.8      | 59.1      | 59.1     | 60       |
| Grant-NBOL              | 59.1     | 59.7      | 61.7      | 59.7    | 59.6      | 59.4      | 58.6      | 58.9      | 59.1      | 59.4      | 58.3     | 58.8     |
| Grant-SBIL              | 60.5     | 61.7      | 61.7      | 59.9    | 60.6      | 59.3      | 59.3      | 58.7      | 58.3      | 58.8      | 59.1     | 59.1     |
| Grant-SBOL              | 60.3     | 61.6      | 59.1      | 58.6    | 59.6      | 62.1      | 58.3      | 59.7      | 59.7      | 59.2      | 59.5     | 59.9     |
| Red Lion-NBIL           | 60.5     | 61.4      | 61.4      | 61.5    | 60.4      | 60.4      | 60.7      | 60.2      | 60.1      | 59.7      | 60       | 59.7     |
| Red Lion-NBOL           | 61.2     | 61        | 60.9      | 61      | 61.2      | 60.2      | 60.3      | 60        | 59.8      | 59.7      | 59.5     | 59.7     |
| Red Lion-SBIL           | 61       | 60.7      | 60.7      | 60.5    | 59.5      | 59.3      | 59.5      | 59.4      | 59.6      | 59.6      | 59.4     | 59.6     |
| Red Lion-SBOL           | 60.9     | 60.7      | 60.9      | 60.4    | 60.2      | 59.9      | 59.5      | 59.3      | 59.5      | 59.4      | 59.5     | 59.8     |
| Southampton-NBIL        | 61       | 60.8      | 61.3      | 60.5    | 60.5      | 60        | 59.8      | 59.8      | 59.5      | 59.3      | 59.5     | 59.3     |
| Southampton-NBOL        | 60.5     | 60.3      | 59.6      | 60.3    | 60.2      | 59.2      | 59.4      | 59.2      | 59.2      | 59.1      | 58.9     | 59       |
| Southampton-SBIL        | 60.9     | 60.9      | 60.5      | 60.8    | 60.7      | 59.8      | 60        | 59.7      | 59.5      | 59.6      | 59.5     | 59.6     |
| Southampton-SBOL        | 60.8     | 61.5      | 61        | 60.3    | 59.6      | 60.5      | 60.1      | 59.7      | 59.7      | 59.7      | 59.6     | 59.7     |
| <b>Average Per Hour</b> | 58.48    | 58.8<br>3 | 58.7<br>8 | 58.6    | 58.2<br>7 | 57.7<br>1 | 57.4<br>4 | 57.2<br>3 | 57.1<br>5 | 57.1<br>4 | 57.14    | 57.18    |

NBIL= Northbound, Inner Lanes

NBOL= Northbound, Outer Lanes

SBIL= Southbound, Inner Lanes

SBOL= Southbound, Outer Lanes

| Location         | 12P<br>M | 1PM       | 2P<br>M | 3PM       | 4PM       | 5PM       | 6PM       | 7P<br>M | 8PM       | 9PM       | 10P<br>M | 11P<br>M |
|------------------|----------|-----------|---------|-----------|-----------|-----------|-----------|---------|-----------|-----------|----------|----------|
| Banks Way-NBIL   | 54.2     | 54.2      | 54.1    | 54.3      | 54.6      | 54.7      | 54.3      | 54.4    | 54.7      | 54.5      | 55       | 55.2     |
| Banks Way-NBOL   | 54.6     | 54.8      | 54.3    | 54.3      | 54.7      | 55.3      | 55        | 55.1    | 55.3      | 55.2      | 55.4     | 55.9     |
| Banks Way-SBIL   | 54.5     | 54.4      | 54.6    | 54.5      | 54.4      | 54.6      | 54.9      | 55.3    | 55.1      | 55.7      | 55.6     | 56       |
| Banks Way-SBOL   | 54.7     | 54.7      | 54.5    | 54.8      | 54.8      | 54.8      | 54.9      | 54.9    | 55.1      | 55.7      | 55.7     | 55.7     |
| F St-NBIL        | 54.3     | 54.2      | 54.3    | 54.3      | 54.6      | 54.6      | 54.6      | 54.6    | 54.6      | 54.9      | 55       | 55       |
| F St-NBOL        | 54.6     | 54.5      | 54.2    | 54.6      | 54.3      | 54.6      | 54.6      | 54.9    | 54.9      | 55        | 54.7     | 55.3     |
| F St-SBIL        | 55       | 55.1      | 55      | 55        | 55.2      | 55        | 55.4      | 55.4    | 55.7      | 55.4      | 55.6     | 55.9     |
| F St-SBOL        | 54.9     | 54.8      | 54.9    | 54.9      | 54.9      | 55.1      | 55.1      | 55.4    | 55.4      | 55.5      | 56       | 55.9     |
| Devereaux-NBIL   | 55       | 54.8      | 54.8    | 54.7      | 54.9      | 54.9      | 55.2      | 55.5    | 55.4      | 55.5      | 56       | 56.3     |
| Devereaux-NBOL   | 54.2     | 54.1      | 54.2    | 54.2      | 54.2      | 54.3      | 54.5      | 54.7    | 54.6      | 54.7      | 55       | 55.3     |
| Devereaux-SBIL   | 54.9     | 54.6      | 54.9    | 54.4      | 54.9      | 54.7      | 54.8      | 55      | 55.4      | 55.9      | 56.1     | 57       |
| Devereaux-SBOL   | 55.2     | 55        | 55.3    | 55        | 55.1      | 55.1      | 55.3      | 55.6    | 55.6      | 55.9      | 56       | 56.4     |
| Harbison-NBIL    | 54.3     | 54.4      | 54.5    | 54.6      | 54.1      | 54.2      | 54.5      | 54.7    | 54.8      | 54.9      | 55.4     | 55.7     |
| Harbison-NBOL    | 53.9     | 53.6      | 53.8    | 53.9      | 54        | 54.2      | 54.4      | 54.2    | 54.8      | 55.1      | 55       | 55.5     |
| Harbison-SBIL    | 55.3     | 54.9      | 55.1    | 55.5      | 54.6      | 54.9      | 55.2      | 56      | 56        | 55.4      | 56.1     | 55.9     |
| Harbison-SBOL    | 55.7     | 55.2      | 54.8    | 55.3      | 55.1      | 54.6      | 55.4      | 55.4    | 55.3      | 55.4      | 55.5     | 55       |
| Strahle-BNIL     | 59.8     | 60        | 59.9    | 59.9      | 59.9      | 60.5      | 60.5      | 60      | 60.1      | 60.7      | 60.2     | 60.4     |
| Strahle-NBOL     | 59.5     | 59.5      | 59.8    | 59.8      | 59.7      | 59.7      | 59.9      | 60.1    | 60.4      | 60.7      | 60.7     | 60.6     |
| Strahle-SBIL     | 59.7     | 60.4      | 60.5    | 60.3      | 60.2      | 60.3      | 60.6      | 60.9    | 62.1      | 61.9      | 63.1     | 62.3     |
| Strahle-SBOL     | 60.7     | 59.6      | 60.3    | 60.2      | 60.7      | 60.2      | 61.3      | 61.1    | 60.8      | 64        | 63.4     | 61.5     |
| Grant-NBIL       | 58.6     | 58.3      | 59.3    | 59.3      | 59.4      | 59.9      | 59.9      | 60      | 58.8      | 59.7      | 61       | 59.5     |
| Grant-NBOL       | 59       | 58.5      | 59.2    | 58.7      | 59.2      | 59.4      | 58.8      | 59.4    | 60.1      | 59.8      | 60.7     | 60.1     |
| Grant-SBIL       | 59.4     | 59.8      | 58.8    | 59.3      | 58.9      | 59.6      | 59.9      | 60.4    | 60.2      | 60.5      | 59.8     | 59.9     |
| Grant-SBOL       | 59.3     | 59.9      | 59.6    | 59.8      | 59.2      | 59.7      | 60.3      | 60.3    | 59.7      | 60.6      | 61.4     | 60.1     |
| Red Lion-NBIL    | 59.6     | 59.7      | 59.7    | 60        | 59.8      | 60.1      | 60.5      | 60.4    | 60.6      | 60.6      | 61.2     | 60.8     |
| Red Lion-NBOL    | 59.5     | 59.3      | 59.7    | 59.7      | 59.7      | 59.9      | 59.9      | 60.2    | 60.6      | 60.9      | 60.6     | 61.4     |
| Red Lion-SBIL    | 59.8     | 59.7      | 59.8    | 59.7      | 59.6      | 59.8      | 59.7      | 60      | 60.2      | 60.4      | 60.3     | 60.5     |
| Red Lion-SBOL    | 59.5     | 59.5      | 59.8    | 59.8      | 59.7      | 59.9      | 59.8      | 60.1    | 60        | 60.2      | 60.5     | 60.9     |
| Southampton-NBIL | 59.4     | 59.4      | 59.4    | 59.5      | 59.6      | 59.5      | 59.7      | 59.7    | 59.9      | 60        | 60.2     | 59.9     |
| Southampton-NBOL | 59       | 59        | 59.1    | 59.1      | 59.1      | 59.1      | 59.3      | 59.5    | 59.5      | 59.5      | 60       | 60.2     |
| Southampton-SBIL | 59.6     | 59.5      | 59.6    | 59.8      | 59.6      | 59.5      | 59.6      | 60      | 59.7      | 60.3      | 59.9     | 60.2     |
| Southampton-SBOL | 59.5     | 59.5      | 59.4    | 59.5      | 59.5      | 59.6      | 59.9      | 59.9    | 60.2      | 60.5      | 60.1     | 61       |
| Average Per Hour | 57.1     | 57.0<br>3 | 57.1    | 57.1<br>5 | 57.1<br>3 | 57.2<br>6 | 57.4<br>3 | 57.6    | 57.6<br>8 | 57.9<br>7 | 58.16    | 58.17    |

NBIL= Northbound, Inner Lanes

NBOL= Northbound, Outer Lanes

SBIL= Southbound, Inner Lanes

SBOL= Southbound, Outer Lanes

## Data Tables

**Figure 1- Speed Camera Violation Collection Rates August 2020- February 2021**

|           | Paid   | Partial Payment | Unpaid | Hearing Request |
|-----------|--------|-----------------|--------|-----------------|
| August    | 32,530 | 878             | 23,289 | 1,790           |
| September | 34,921 | 853             | 22,779 | 1,397           |
| October   | 24,413 | 510             | 17,199 | 746             |
| November  | 21,248 | 796             | 16,424 | 595             |
| December  | 17,006 | 426             | 14,290 | 511             |
| January   | 12,072 | 160             | 18,863 | 386             |
| February  | 1,625  | 4               | 15,147 | 24              |

**Figure 2- Warning Period Violations Issued by MPH Above Posted Speed Limit**

|      | 11 to 19 | 20 to 29 | 30 to 39 | 40 to 49 | 50+ |
|------|----------|----------|----------|----------|-----|
| June | 194,346  | 26,289   | 2,965    | 491      | 115 |
| July | 156,977  | 18,694   | 2,055    | 354      | 73  |

**Figure 3- Violations Issued by MPH Above Posted Speed Limit June 2020 to February 2021**

|           | 11 to 19 | 20 to 29 | 30 to 39 | 40 to 49 | 50+ |
|-----------|----------|----------|----------|----------|-----|
| June      | 194,346  | 26,289   | 2,965    | 491      | 115 |
| July      | 156,977  | 18,694   | 2,055    | 354      | 73  |
| August    | 74,942   | 8,501    | 968      | 137      | 60  |
| September | 52,305   | 5,503    | 678      | 119      | 34  |
| October   | 38,068   | 3,563    | 426      | 66       | 34  |
| November  | 34,779   | 3,331    | 427      | 86       | 37  |
| December  | 28,840   | 2,677    | 299      | 95       | 29  |
| January   | 28,108   | 2,612    | 324      | 65       | 27  |
| February  | 15,240   | 1,317    | 160      | 45       | 14  |

**Figure 4- Violations Issued by Vehicle State Registration June 2020 to February 2021**

|           | PA      | NJ    | DE  | Other |
|-----------|---------|-------|-----|-------|
| June      | 204,133 | 9,201 | 975 | 9,897 |
| July      | 160,364 | 7,561 | 909 | 9,319 |
| August    | 51,561  | 1,945 | 213 | 3,153 |
| September | 50,981  | 3,626 | 386 | 3,646 |
| October   | 36,887  | 3,025 | 323 | 1,922 |
| November  | 33,679  | 2,904 | 307 | 1,770 |
| December  | 27,750  | 2,442 | 280 | 1,468 |
| January   | 27,027  | 2,464 | 278 | 1,367 |
| February  | 14,335  | 1,443 | 155 | 843   |

**Figure 5- Violations Issued by County of Vehicle Registration June 2020 to February 2021**

|           | Philadelphia | Bucks County | Other  |
|-----------|--------------|--------------|--------|
| June      | 156,121      | 19,746       | 48,339 |
| July      | 121,012      | 14,763       | 42,378 |
| August    | 38,987       | 4,209        | 41,412 |
| September | 36,290       | 5,019        | 17,330 |
| October   | 25,998       | 3,508        | 12,651 |
| November  | 23,645       | 3,228        | 11,787 |
| December  | 19,242       | 2,671        | 10,027 |
| January   | 18,396       | 2,735        | 10,005 |
| February  | 5,534        | 1,643        | 9,599  |

**Figure 6- Roosevelt Boulevard Accident Data 9<sup>th</sup> Street to County Line Road**

|      | Total<br>Crashes | Fatalities | Serious Injuries |
|------|------------------|------------|------------------|
| 2015 | 564              | 14         | 16               |
| 2016 | 592              | 16         | 17               |
| 2017 | 456              | 10         | 10               |
| 2018 | 489              | 18         | 20               |
| 2019 | 529              | 8          | 31               |

Source: Penn DOT 2015-2019

Roosevelt Boulevard, from 9th Street to County Line.

**Figure 7- Roosevelt Boulevard 9<sup>th</sup> Street to County Line Rd Accident Pedestrian Date**

| YEAR | INVOLVED | FATALITIES | SERIOUS INJURIES |
|------|----------|------------|------------------|
| 2015 | 31       | 3          | 2                |
| 2016 | 27       | 8          | 3                |
| 2017 | 29       | 7          | 3                |
| 2018 | 31       | 10         | 2                |
| 2019 | 35       | 1          | 6                |

Source: Penn DOT 2015-2019  
Roosevelt Boulevard, from 9th Street to County Line.

**Figure 8- Roosevelt Boulevard 9<sup>th</sup> St. to County Line Rd. Bicycle Accident Data**

| YEAR | INVOLVED | FATALITIES | SERIOUS INJURIES |
|------|----------|------------|------------------|
| 2015 | 13       | 0          | 0                |
| 2016 | 6        | 0          | 1                |
| 2017 | 4        | 0          | 0                |
| 2018 | 8        | 0          | 1                |
| 2019 | 2        | 0          | 0                |

Source: Penn DOT 2015-2019  
Roosevelt Boulevard, from 9th Street to County Line.

