# DEPARTMENT OF TRANSPORTATION <br> STATE OF GEORGIA 

## TRAFFIC ENGINEERING STUDY

January 2020


PRIMARY ROUTE: SR 247/Pio Nono Avenue
SECONDARY ROUTE: From SR 22/Eisenhower Parkway to SR 74/Mercer University Drive
MILEPOINT:
GDOT DISTRICT: 3
CONGRESSIONAL DISTRICT 2
COUNTY: Bibb
CITY: Macon
PREPARED BY: ARCADIS


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## STUDY REQUEST

The study location was identified during a Road Safety Audit (RSA) which was conducted on Wednesday, September $27^{\text {th }}, 2017$ along the SR 247/Pio Nono Avenue from SR 22/Eisenhower Parkway to Dora Street in Macon, Bibb County. In response to this RSA, this Traffic Engineering (TE) Study was performed along SR 247/Pio Nono Avenue from SR 22/Eisenhower Parkway to SR 74/ Mercer University Drive.

## PROJECT LOCATION

The corridor along SR 247/ Pio Nono Avenue is about 1.13 miles long and runs in a north/south direction. The study area is located in the city of Macon, Bibb County, Georgia. The major portion of SR 247/Pio Nono Ave in the study area is a four-lane road, two lanes each direction with a Two-Way Left-Turn Lane (TWLTL) in the center from SR 22/Eisenhower Parkway to Anthony Road. SR 247/Pio Nono Avenue has a posted speed of 35 miles per hour (MPH) and is classified as an urban minor arterial. The land use along SR 247/Pio Nono Avenue in the study limits is primarily auto-centric commercial and residential properties and driveways. Figure 1 provides an aerial view of the existing intersections and roadway segments conditions along the corridor.

## REASON FOR INVESTIGATION

Observed crash data for the most recent five years (2014 to 2018) of the study area was obtained from GDOT. This roadway section experienced high crash rates along the corridor and at each of the signalized intersections of SR 247/Pio Nono Avenue with SR 22/Eisenhower Parkway, Anthony Road, and SR 74/ Mercer University Drive. The corridor experienced a total of 630 crashes resulting in 207 reported injury crashes and 423 property damage only crashes. There were no fatal crashes reported. During the same time period reported, there were six pedestrian crashes resulting in five injury crashes and one bicycle crash reporting an injury. Of the pedestrian crashes, four pedestrian crashes occurred while pedestrians were crossing SR 247/Pio Nono Avenue, not within the crosswalk.

Crashes for each of the signalized intersections for the same period include 243 crashes at the intersection of SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway, 86 crashes at SR 247/Pio Nono Avenue at Anthony Road, and 163 crashes at the intersection of SR 247/Pio Nono Avenue at SR 74/Mercer University Drive. The highest crash rate noted was at the intersection of SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway which experienced 48.6 crashes per year. This is over ten times higher than intersections with similar characteristics which typically experience 4.0 crashes per year.

In addition to the high crash rate at each of the signalized intersections. The roadway segments between the signalized intersections also show an elevated crash rate. The corridor has been separated into two roadway segments for reporting purposes. The roadway segment along SR 247/Pio Nono Avenue from SR 22/Eisenhower Parkway to Anthony Road is approximately 2000 feet long and it experienced a total 71 crashes of which 34 percent were injury crashes. Most of the crashes in the segment were angle crashes (49 percent of the total). The roadway segment along SR 247/Pio Nono Avenue from Anthony Road to SR 74/Mercer University Drive is approximately 1900 feet long and it has reported a total 67 crashes of which 39 percent were injury crashes. The majority of the crashes recorded were rear end crashes ( $63 \%$ ) followed by angle crashes ( $15 \%$ ). The crash data provided is included in tabular form in Appendix A.


Figure 1: Aerial View of the Study Area

## FIELD VISIT

A field visit was conducted on Wednesday, September $27^{\text {th }}$, 2017. The site visit included observing the current site conditions as well as identifying and documenting conditions that could affect safety and operations of the corridor and intersections. Field visit observations included:
A. Intersection Control and Geometry:

1. SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway is a signalized four-legged intersection. The northbound and southbound approaches on SR 247/ Pio Nono Avenue have two dedicated left turn lanes, two dedicated through lanes, and a dedicated right turn lane. The eastbound and westbound approaches on SR 22/ Eisenhower Pkwy each have two dedicated left turn lanes, three dedicated through lanes, and a dedicated right turn bay.
2. SR $247 /$ Pio Nono Avenue at Anthony Road is a signalized four-legged intersection. The southbound approach on SR 247/Pio Nono Avenue has one dedicated left turn lane, two dedicated through lanes, and a right turn bay. The northbound approach on SR 247/ Pio Nono Ave has one dedicated left turn lane and two through lanes. The eastbound approach on Anthony Rd has one dedicated left turn lane, one dedicated through lane, and one dedicated right turn lane. The westbound approach on Anthony Rd has one dedicated left turn lane and one through lane.
3. SR 247/Pio Nono Avenue at SR 74/ Mercer University Drive is a signalized four-legged intersection. The eastbound, westbound, and southbound approaches each have a dedicated left turn lane and two through lanes. The northbound approach has a dedicated left turn lane, two through lanes, and a dedicated right turn lane. The eastbound and westbound left-turns are protected only movements. There is a slight vertical crest as the intersection is approached from the east and west directions. Figure 2 and Figure 3 show the street view of these approaches where the opposite side of the intersection cannot be seeing.
B. Horizontal/Vertical Grades: The study area along SR 247/Pio Nono Avenue is basically straight without any significant horizontal curvature. There are several uphill and downhill segments in the study area. The grades are generally less than five percent.
C. Intersection Delay / Queuing: There is no visible queueing during the AM and PM peak hours along the corridor. Traffic in the study area generally operates under capacity and moves smoothly.
D. Sight Distance / Obstruction Concerns: Despite a few crests along SR 247/Pio Nono Avenue in the study area, there is an adequate sight-triangle of vision for all approaches at each study intersection. There is no vegetation that could obstruct views either.
E. Pavement/Signs/Striping Conditions: The pavement showed some signs of wearing and cracking along the SR 247/Pio Nono Avenue study section. In some segments, the white skip striping separating adjacent lanes is not visible. Signal heads appeared adequate with normal wear. Based on information collected from the District and Maintenance Office, the corridor is currently planned for resurfacing between the 2022 and 2025 fiscal years. The current pavement condition rating is 72.00 (dTIMS data provided by GDOT District 3).


Figure 2: SR 247/Pio Nono Avenue at SR 74/ Mercer University Drive Westbound Approach


Figure 3: SR 247/Pio Nono Avenue at SR 74/ Mercer University Drive Eastbound Approach
F. Pedestrian Accommodations: Pedestrian crosswalks, pushbuttons, and signals are accessible at all the signalized intersections. There are well-maintained sidewalks on both sides of SR 247/ Pio Nono Avenue at each unsignalized intersection, with the notable exception of SR 247/ Pio Nono Avenue at Ell Street, where there is a gap in sidewalk connectivity on the south side of the intersection.
G. Lighting: Street lights are present on the corners of SR 247/ Pio Nono Avenue at SR 74/ Mercer University Drive and SR 247/ Pio Nono Avenue at Anthony Road, as well as along SR 247/Pio Nono Avenue on sidewalks near places of business. The traffic signal heads along the corridor do not have retroreflective backplates.
H. Parking: There are no on-street parking accommodations near the study intersections or along the study SR 247/Pio Nono Avenue roadway segments.
I. Potential Environmental Impacts: Based on field observations, no environmental concerns were noted.
J. Other Modes of Transportation: There are Macon-Bibb County Transit Authority (MTA) bus stops located along the study corridor, primarily located at the entrances to residential roads. There are no bike lanes throughout the corridor.

## CRASH ANALYSIS

Crash data for the most recent five years (2014 to 2018) of the area of influence were obtained from Georgia Electronic Accident Reporting System (GEARS). A crash data analysis was performed to quantify the frequency and severity of crashes along SR 74/Mercer University Drive within the project study area. This analysis helps to understand the crash trends and identify improvement(s) that will best correct safety concerns. Results from this analysis are highlighted below.

## Total Crashes

Over the five-year span, this corridor experienced a total of 630 crashes, of which 207 were injury crashes and 67 percent ( 423 crashes) involved property damage only (PDO) with no reported injuries. There were no fatal crashes reported. Table 1 summarizes the crash data for the study area.

Table 1: Study Area Crash Summary by Crash Severity (2014-2018)

| Manner of Collision | Crash Severity |  |  | Total | Percent <br> Total | Yearly <br> Average |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PDO | Injury | Fatal |  |  |  |
| Angle | 97 | 73 | 0 | 3.0 |  |  |
| Head On | 4 | 2 | 0 | $\mathbf{6}$ | $1 \%$ | 1.2 |
| Rear End | 219 | 103 | 0 | $\mathbf{3 2 2}$ | $51 \%$ | 64.4 |
| Sideswipe-Opposite Direction | 7 | 4 | 0 | $\mathbf{1 1}$ | $2 \%$ | 2.2 |
| Sideswipe-Same Direction | 91 | 18 | 0 | $\mathbf{1 0 9}$ | $17 \%$ | 21.8 |
| Not A Collision with Motor Vehicle | 4 | 1 | 0 | $\mathbf{5}$ | $1 \%$ | 1.0 |
| - Pedestrian Crashes | 1 | 5 | 0 | $\mathbf{6}$ | $1 \%$ | 1.2 |
| - Pedalcycle Crashes | 0 | 1 | 0 | $\mathbf{1}$ | $0 \%$ | 0.2 |
| Total | $\mathbf{4 2 3}$ | $\mathbf{2 0 7}$ | $\mathbf{0}$ | $\mathbf{6 3 0}$ |  |  |
| Percent Total | $67 \%$ | $33 \%$ | $0 \%$ |  | $100 \%$ |  |
| Yearly Average | 84.6 | 41.4 | 0 |  |  | 126 |

As shown in table 1, the most common manner of collision along the corridor is rear end crashes accounting for 51 percent of the total crashes followed by angle crashes with 27 percent ( 170 crashes) of all crashes reported. Based on the crash reports, there were 12 crashes classified as Not a Collision with a Motor Vehicle which include six pedestrian crashes resulting in five injuries and one bicycle crash resulting in one injury.

## Time of Day Analysis

The time of the day each incident occurred was analyzed and summarized. Figure 4 below shows the distribution of intersection crashes by time of day for each of the signalized intersections in the corridor. The total number of crashes reported at the three intersections was 492 crashes. The figure shows that approximately 22 percent of the crashes ( $45+33+29$ ) occurred during the PM peak hours from $4: 00$ to 6:00 pm. However, a high frequency of crashes was recorded during the midafternoon hours between 2:00 and 3:00 pm resulting in a total of 82 crashes. The distribution shows 77 percent of the crashes occurred during daytime hours.


Figure 4: Distribution of Intersection Crashes by Time of Day
The distribution of the time of day crashes for the SR 247/Pio Nono Avenue from SR 22/Eisenhower Parkway to Anthony Road and SR 247/Pio Nono Avenue from Anthony Road to SR 74/Mercer University Drive road segments are summarized in Figure 5 below. The data shows a total of 138 crashes reported between the two roadway segments. Approximately 28 percent of the crashes $(17+8+14)$ occurred during the PM peak hours from $4: 00$ to $6: 00 \mathrm{pm}$. The data shows that the highest occurrence of crashes was recorded during the midafternoon hours at 2:00 pm resulting in a total of 18 crashes or 13 percent of the total for both roadway segments.

Georgia


Figure 5: Distribution of Roadway Segment Crashes by Time of Day

## Day of the Week Analysis

The number of crashes occurring each day of the week were analyzed to identify high crash frequency days. The signalized intersections' data is summarized on Figure 6 and crashes for the two roadway segments are summarized on Figure 7.


Figure 6: Distribution of Intersection Crashes by Day of the Week


Figure 7: Distribution of Roadway Segment Crashes by Day of the Week
The distribution of crashes by day of the week shown in Figure 6 shows that approximately 39 percent of the crashes ( $76+60+57$ ) occurred during typical weekdays (Tuesday to Thursday) and the highest crash occurrence on Fridays and Saturdays with 80 and 85 crashes, respectively. The crash distribution presented in Figure 7 shows that 41 percent of the crashes along the SR 247/Pio Nono Avenue roadway segments occurred during typical weekdays.

## Intersection Crash History

Crash data for each of the three signalized intersections was collected for the most recent five-year period (2014-2018). Table 2 to Table 4 below present a comparison of crash rates, injury rates, and fatality rates in each of the signalized intersections within the study area. The number and types of crashes are provided in tabular form in Appendix A. Intersection crash diagrams are included in Appendix B.

Table 2 below shows the majority of crashes were rear end crashes with 130 crashes ( $53 \%$ ) followed by angle and sideswipe same direction crashes with $21 \%$ of all crashes each collision type. Using the Highway Safety Manual (HSM) methodology, intersections with similar characteristics typically experience 4.0 crashes per year compares to the 48.6 crashes per years at this location. There were 60 injury crashes reported and no fatal crashes during the analysis time period. As shown in the crash diagram in Appendix B, $53(41 \%$ ) of 130 rear end crashes occurred along SR 247/Pio Nono Avenue northbound approach. Based on the reports, most of the rear end crashes were caused by drivers following too close and distracted driving. The reports for angle crashes ( 52 total crashes) indicate that drivers failed to yield and disregarded the traffic signal. Additionally, the left turns are protected movements and each approach has dual left-turn lanes; However, there were 15 left-turn angle crashes involving vehicles turning left and vehicles crossing the intersection. The 51 crashes classified as sideswipes same direction crashes were caused by drivers failing to yield, misjudging clearances, and improper lane changing. Also, there were 5 sideswipes opposite direction crashes that occurred when
vehicles turning left from SR 22/Eisenhower Parkway onto SR 247/Pio Nono Avenue or vehicles crossing the intersection struck vehicles waiting at the SR 247/Pio Nono Avenue left turn bays. This was caused by drivers disregarding the traffic signal, failing to yield, and driving on the wrong side of the road.

Table 2: Intersection Crash History - SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway

| Collision Type | Year |  |  |  |  | Total | Percent Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2014 | 2015 | 2016 | 2017 | 2018 |  |  |
| Angle | 4 | 11 | 10 | 13 | 14 | 52 | 21\% |
| Head On | 0 | 0 | 0 | 2 | 1 | 3 | 1\% |
| Rear End | 19 | 21 | 33 | 33 | 24 | 130 | 53\% |
| Sideswipe Same Direction | 6 | 10 | 16 | 7 | 12 | 51 | 21\% |
| Sideswipe Opposite Direction | 1 | 2 | 0 | 0 | 2 | 5 | 2\% |
| Not a Collision with Motor Vehicle | 2 | 0 | 0 | 0 | 0 | 2 | 1\% |
| Total Crashes | 32 | 44 | 59 | 55 | 53 | 243 |  |
| Total Injury Crashes | 7 | 12 | 15 | 15 | 11 | 60 | 25\% |
| Total Fatal Crashes | 0 | 0 | 0 | 0 | 0 | 0 | 0\% |
| Average Crashes (per year) |  |  |  |  |  | 48.6 |  |
| HSM Predicted Crashes (per year) |  |  |  |  |  | 4.0 |  |
| Average Daily Traffic (ADT) | 41,000 | 39,800 | 38,900 | 40,000 | 39,700 |  |  |
| Crash Rate (per 100 MEV ) | 214 | 303 | 416 | 377 | 366 |  |  |
| Injury Rate (per 100 MEV ) | 47 | 83 | 106 | 103 | 76 |  |  |
| Fatality Rate (per 100 MEV ) | 0 | 0 | 0 | 0 | 0 |  |  |

ADT = average daily traffic; MEV = million entering vehicles
Table 3: Intersection Crash History - SR 247/Pio Nono Avenue at Anthony Road

| Collision Type | Year |  |  |  |  | Total | Percent Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2014 | 2015 | 2016 | 2017 | 2018 |  |  |
| Angle | 6 | 9 | 4 | 7 | 4 | 30 | 35\% |
| Head On | 0 | 0 | 0 | 0 | 0 | 0 | 0\% |
| Rear End | 5 | 9 | 12 | 10 | 4 | 40 | 47\% |
| Sideswipe Same Direction | 1 | 1 | 2 | 6 | 2 | 12 | 14\% |
| Sideswipe Opposite Direction | 0 | 0 | 1 | 0 | 2 | 3 | 3\% |
| Not a Collision with Motor Vehicle | 0 | 0 | 0 | 1 | 0 | 1 | 1\% |
| Total Crashes | 12 | 19 | 19 | 24 | 12 | 86 |  |
| Total Injury Crashes | 4 | 10 | 10 | 8 | 4 | 36 | 42\% |
| Total Fatal Crashes | 0 | 0 | 0 | 0 | 0 | 0 | 0\% |
| Average Crashes (per year) |  |  |  |  |  | 17.2 |  |
| HSM Predicted Crashes (per year) |  |  |  |  |  | 3.0 |  |
| Average Daily Traffic (ADT) | 25,100 | 23,430 | 24,220 | 24,990 | 24,660 |  |  |
| Crash Rate (per 100 MEV ) | 131 | 222 | 215 | 263 | 133 |  |  |
| Injury Rate (per 100 MEV ) | 44 | 117 | 113 | 88 | 44 |  |  |
| Fatality Rate (per 100 MEV ) | 0 | 0 | 0 | 0 | 0 |  |  |

ADT = average daily traffic; MEV = million entering vehicles

Table 3 shows the signalized intersection of SR 247/ Pio Nono Avenue and Anthony Road experienced 17.2 crashes per year from 2014 to 2018 for a total of 86 crashes. Using Highway Safety Manual methodology, intersections with similar characteristics typically experience 3.0 crashes per year. Among those 86 crashes, the predominant crashes involved 30 angle crashes and 40 were rear end crashes. There were 36 (42\%) injury crashes and no fatal crashes from 2014 to 2018. There was a crash classified as not a collision with a motor vehicle which involved a pedestrian and resulted in a pedestrian injury. According to the data, the pedestrian crash occurred during the daytime and under dry conditions when the vehicle was turning onto SR 247/Pio Nono Avenue from Anthony Road northbound and struck the pedestrian within the north leg crosswalk of the intersection. Angle crashes accounted for 35 percent of all crashes at the intersection. These crashes were caused on the most part by drivers failing to yield and disregarding the traffic signal. The observed rear end crashes (40) show that drivers following too close as the most common contributing for this type of crash.

Table 4: Intersection Crash History - SR 247/Pio Nono Avenue at SR 74/Mercer University Drive

| Collision Type | Year |  |  |  |  | Total | Percent Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2014 | 2015 | 2016 | 2017 | 2018 |  |  |
| Angle | 6 | 14 | 7 | 9 | 7 | 43 | 26\% |
| Head On | 0 | 0 | 0 | 0 | 0 | 0 | 0\% |
| Rear End | 17 | 18 | 22 | 13 | 21 | 91 | 56\% |
| Sideswipe Same Direction | 6 | 7 | 3 | 3 | 6 | 25 | 15\% |
| Sideswipe Opposite Direction | 0 | 0 | 0 | 1 | 0 | 1 | 1\% |
| Not a Collision with Motor Vehicle | 0 | 1 | 0 | 1 | 1 | 3 | 2\% |
| Total Crashes | 29 | 40 | 32 | 27 | 35 |  |  |
| Total Injury Crashes | 15 | 13 | 11 | 6 | 16 | 61 | 37\% |
| Total Fatal Crashes | 0 | 0 | 0 | 0 | 0 | 0 | 0\% |
| Average Crashes (per year) |  |  |  |  |  |  | . 6 |
| HSM Predicted Crashes (per year) |  |  |  |  |  |  | 7 |
| Average Daily Traffic (ADT) | 35,200 | 36,300 | 39,500 | 39,800 | 38,100 |  |  |
| Crash Rate (per 100 MEV) | 226 | 302 | 222 | 186 | 252 |  |  |
| Injury Rate (per 100 MEV ) | 117 | 98 | 76 | 41 | 115 |  |  |
| Fatality Rate (per 100 MEV ) | 0 | 0 | 0 | 0 | 0 |  |  |

ADT = average daily traffic; MEV = million entering vehicles
As shown in Table 4, the signalized intersection of SR 247/ Pio Nono Avenue at SR 74/ Mercer University Drive experienced 32.6 crashes per year from 2014 to 2018 for a total of 163 crashes. Using Highway Safety Manual methodology, intersections with similar characteristics typically experience 4.7 crashes per year. The majority of the crashes reported involved rear end cashes ( $56 \%$ ) caused mostly by drivers following too close. There were 43 angle crashes reported ( $26 \%$ ) with 24 of these crashes resulting in injuries. Records show that angle crashes were caused by drivers failing to yield and disregarding the traffic signal. Four angle crashes resulted from drivers driving under the influence. There were two crashes classified as not a collision with a motor vehicle which involved pedestrians and resulted in two pedestrian injuries. According to the data, one pedestrian crash occurred while the pedestrian was crossing SR 74/Mercer University Drive and the second occurred when the pedestrian was crossing SR 247/Pio Nono Avenue. Both crashes occurred in the nighttime and while pedestrians not using the crosswalk.

## Roadway Segment Crash History

Crash data for the 1.13-mile-long corridor (not including the three signalized intersections) was analyzed in two segments and summarized in Table 5 and Table 7 below. The number and types of crashes are provided in tabular form in Appendix A.

Table 5: Roadway Segment Crash History by Crash Severity (2014-2018) - SR 247/Pio Nono Avenue from SR 22/Eisenhower Parkway to Anthony Road

| Manner of Collision |  | Crash Severity |  |  | Total | Percent <br> Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Angle | 24 | 11 | 0 | $\mathbf{3 5}$ | $49 \%$ | 7.0 |
| Head On | 0 | 1 | 0 | $\mathbf{1}$ | $1 \%$ | 0.2 |
| Not A Collision with Motor Vehicle | 1 | 1 | 0 | $\mathbf{2}$ | $3 \%$ | 0.4 |
| Rear End | 12 | 7 | 0 | $\mathbf{1 9}$ | $27 \%$ | 3.8 |
| Sideswipe-Opposite Direction | 1 | 1 | 0 | $\mathbf{2}$ | $3 \%$ | 0.4 |
| Sideswipe-Same Direction | 9 | 3 | 0 | $\mathbf{1 2}$ | $17 \%$ | 2.4 |
| Total | $\mathbf{4 7}$ | $\mathbf{2 4}$ | $\mathbf{0}$ | $\mathbf{7 1}$ |  |  |
| Percent Total | $66 \%$ | $34 \%$ | $0 \%$ |  | $100 \%$ |  |
| Yearly Average | $\mathbf{9 . 4}$ | 4.8 | $\mathbf{0}$ |  |  | 14.2 |

Review of the historic crash records showed that 71 crashes (shown in Table 5) have been reported in this road segment from 2014 to year 2018. The AADT for the roadway segment is 16,400 vehicles per day. A crash rate analysis was performed to substantiate the existing safety problem on this corridor. The segment crash rate is 7.4 crashes per million vehicle miles traveled (MVMT). The roadway segment has an average of 14.2 crashes per year which is almost 3 times higher than the 5.1 crashes per year (predictive average crash frequency) from the Highway Safety Manual (HSM) predictive methodology for roadway segments with similar characteristics. This roadway segment shows a high rate of angle crashes reported (49 percent) which resulted from vehicles turning left entering and leaving driveways and failing to yield as the major contributing factor along this roadway segment.

Table 6: Roadway Segment Crash History by Crash Severity (2014-2018) - SR 247/Pio Nono Avenue from Anthony Road to SR 74/Mercer University Drive

| Manner of Collision |  | Crash Severity |  |  | Total | Percent <br> Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Angle | PDO | Injury | Fatal |  | $\mathbf{1 0}$ | $15 \%$ |
| Head On | 1 | 7 | 0 | 2.0 |  |  |
| Not A Collision with Motor Vehicle | 2 | 2 | 0 | $\mathbf{2}$ | $3 \%$ | 0.4 |
| Rear End | 28 | 14 | 0 | $\mathbf{4}$ | $6 \%$ | 0.8 |
| Sideswipe-Opposite Direction | 0 | 0 | 0 | $\mathbf{4 2}$ | $63 \%$ | 8.4 |
| Sideswipe-Same Direction | 7 | 2 | 0 | $\mathbf{0}$ | $0 \%$ | 0.0 |
| Total | $\mathbf{4 1}$ | $\mathbf{2 6}$ | $\mathbf{0}$ | $\mathbf{6 7}$ |  | $13 \%$ |
| Percent Total | $61 \%$ | $39 \%$ | $0 \%$ |  | $100 \%$ |  |
| Yearly Average | 8.2 | 5.2 | 0 |  |  | 13.4 |

Table 6 shows a summary of the 67 crashes reported in the SR 247/Pio Nono Avenue from Anthony Road to SR 74/Mercer University Drive road segment. The AADT for this roadway segment is 14,400 vehicles per day. The calculated segment crash rate is 7.7 crashes per million vehicle miles traveled (MVMT). The roadway segment has an average of 13.4 crashes per year which is almost 4 times higher than the 3.3 crashes per year (predictive average crash frequency) from the Highway Safety Manual (HSM) predictive methodology for roadway segments with similar characteristics. This roadway segment shows a high rate of rear end crashes reported (63 percent) which resulted from drivers following too close and reckless driving.

## OPERATIONAL ANALYSIS

## Traffic Volume Counts

A 12-hour intersection turning movement counts were collected on Wednesday, May 16, 2018. All cars, trucks or other motorized vehicles passing through the intersections were counted between the hours of $6: 30 \mathrm{AM}$ and $6: 30 \mathrm{PM}$. The traffic counts were broken into 15 -minute intervals to determine peak morning, mid-day and afternoon peak hours. The percentage of trucks on each intersection leg was also reported. Queue length observations were made for critical movements during the AM and PM peak periods. The traffic volume counts collected for the study are included in Appendix C.

## Existing Operations

A Synchro 9 model with intersection geometry, traffic volumes, and control specifics was calibrated based on observed queuing conditions and used for analysis of the existing conditions. The Synchro model reports for existing intersection conditions are include in Appendix D and the results are summarized in Table 7 below.

Table 7: Existing AM / PM Peak Hour Intersection Operations

| Intersection | Peak Period | Overall Delay (seconds) /LOS | V/C Ratio | Approach |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Eastbound |  | Westbound |  | Northbound |  | Southbound |  |
|  |  |  |  | Delay (seconds) | LOS | Delay (seconds) | LOS | $\left\|\begin{array}{c} \text { Delay } \\ \text { (seconds) } \end{array}\right\|$ | LOS | $\begin{gathered} \text { Delay } \\ \text { (seconds) } \end{gathered}$ | LOS |
| SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway | AM | 26.8 / C | 0.65 | 21.6 | C | 20.0 | C | 31.5 | C | 34.9 | C |
|  | PM | 35.0 / C | 0.76 | 28.7 | C | 29.4 | C | 38.5 | D | 44.2 | D |
| SR 247/Pio Nono Avenue at Anthony Road | AM | 17.6 / B | 0.53 | 24.5 | C | 32.7 | C | 12.3 | B | 11.8 | B |
|  | PM | 19.7 / B | 0.53 | 22.5 | C | 36.3 | C | 15.0 | B | 15.9 | B |
| SR 247/Pio Nono Avenue at SR 74/Mercer University Drive | AM | 30.4 / C | 0.81 | 43.0 | D | 31.2 | C | 19.5 | B | 21.2 | C |
|  | PM | 33.6 / C | 0.77 | 43.5 | D | 41.0 | D | 23.2 | C | 24.8 | C |

## Signal Warrant Analysis

The Manual of Uniform Traffic Control Devices 2009 Edition (MUTCD) is the established source for evaluating warrants for installing a traffic signal. The MUTCD established nine traffic signal warrants that define minimum conditions under which signal installations may be justified.
A signal warrant analysis for each intersection was evaluated based on the existing 12-hour turning movement counts that were used as inputs into the analysis model. The full warrants report is included in Appendix E and the results summarized in Table 8 below.

Table 8: Summary of Current Conditions Signal Warrant Analysis

| Intersection |  |  |  |  |  | $\begin{aligned} & \text { I } \\ & \frac{\pi}{4} \\ & \frac{i v i n}{0} \\ & 3 \end{aligned}$ |  |  | $\begin{aligned} & \text { N } \\ & \frac{1}{40} \\ & \frac{0}{01} \\ & 3 \end{aligned}$ | $\stackrel{\infty}{2}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes | n/a | n/a |
| SR 247/Pio Nono Avenue at Anthony Road | Yes | Yes | Yes | No | Yes | No | No | No | Yes | n/a | n/a |
| SR 247/Pio Nono Avenue at SR 74/Mercer University Drive | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes | n/a | $\mathrm{n} / \mathrm{a}$ |

As shown in Table 8, the signal warrant analyses show that all the signalized intersections within the study area meet warrants for vehicular volumes and intersection crash history.

## INTERSECTION CONTROL EVALUATION (ICE)

GDOT's Intersection Control Evaluation (ICE) policies were developed to further leverage safety advancements as part of intersection improvements. The ICE process consists of two distinct stages. Stage 1 identifies potential Intersection Control Types that may provide safety benefits based on the existing conditions. Stage 2 further evaluates those alternatives inclusive of safety, operations, cost, environmental impacts and project support. The following alternatives were evaluated in Stage 2 for each signalized intersection in the study area and are included in Appendix F. The operational analyses for each alternative are included in Appendix G.

1. SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway

- Multi-lane Roundabout: A multi-lane roundabout was considered for this intersection because it would provide fewer conflict points than the existing signal control. The multi-lane roundabout would help decrease crash frequency and severity while increasing operation efficiency and would help reduce speeds for vehicles entering the intersection. The multi-lane roundabout would help mitigate all the rear end crashes associated with signal timing and signal visibility. Additionally, this alternative eliminates the possibility for left turn angle crashes and head on crashes potentially reducing the history of 52 angle crashes and 3 head on crashes. This alternative was ranked second in the ICE Stage 2 and had an estimated construction cost of $\$ 4,416,000$.
- Systemic Signing and Visibility Improvements and Install FYA: This alternative proposes the implementation of systemic and visibility improvements to the existing signal which includes upgrading all signal heads, replacing pedestrian signal heads, installing backplates and retroreflective borders, re-striping stop lines and crosswalks, installing pedestrian signs, installing advance warning signs, and overhead signs, and installing curb ramps. The flashing yellow arrow (FYA) signal would replace the existing protected only left-turns to protected/permissive left-turns with time of day operations for all approaches. The FYA can be operated as protected only by time of the day and can potentially help mitigate 15 left angle
crashes. Additionally, the existing dual left-turn bays will be converted to single left-turn bays. This would allow the installation of a median separation along the SR 247/Pio Nono Avenue approaches. This median would help mitigate the history of five sideswipe opposite direction crashes and would help deter drivers from turning left to enter and exit driveways thus potentially reducing angle crashes. The estimated construction cost for this alternative is $\$ 275,000$. The stage 2 screening showed this alternative was ranked the highest, which made it become the best option when looking at safety, operations, cost, environmental, and political factors.


## 2. SR 247/Pio Nono Avenue at Anthony Road

- Single-lane Roundabout: A single-lane roundabout was considered for this intersection because it would provide fewer conflict points than the existing signal control. Additionally, this alternative would help decrease crash frequency and severity, increase operation efficiency compared to signalized intersections, and would help reduce speeds for vehicles entering the proposed road-diet north of the intersection. The installation of a single-lane roundabout at this location would help reduce the predominant angle and rear end crash history at the intersection. This alternative will also help pedestrians by simplifying the task of crossing the street by providing space to pause on the splitter islands. As a result, fewer pedestrian crashes can be expected. The estimated construction cost for this alternative is $\$ 2,855,000$. The stage 2 screening showed that the proposed roundabout alternative was ranked the highest, which made it become the best option when looking at safety, operations, cost, environmental, and political factors.
- Signal Improvements and Install FYA: This alternative proposes the implementation of systemic and visibility improvements to the existing signal which includes upgrading all signal heads, replacing pedestrian signal heads, installing backplates and retroreflective borders, restriping stop lines and crosswalks, installing pedestrian signs, installing advance warning signs, and overhead signs, and installing curb ramps. The flashing yellow arrow (FYA) signal would replace the existing 5 -section "doghouse" signal for all approaches. This alternative was ranked second in the ICE stage 2 screening and had an estimated construction cost of $\$ 250,000$.
- Add Right-Turn Lanes: This alternative proposes installing right-turn lanes at the northbound (SR 247/Pio Nono Avenue) and westbound (Anthony Road) approaches. These approaches meet the minimum requirements for right-turn deceleration lanes. Providing the right-turn lanes on these approaches would potentially help reduce 18 rear end crashes and 5 sideswipe crashes and improve operations by providing a physical separation between through vehicles and turning vehicles that are slowing or stopped. These would provide deceleration space and storage for right-turning traffic. The estimated construction cost for this alternative is $\$ 996,000$ and ranked last in the ICE stage 2 screening.

3. SR 247/Pio Nono Avenue at SR 74/Mercer University Drive

- Multi-lane Roundabout: A multi-lane roundabout was considered for this intersection because it would provide fewer conflict points than the existing signal control. The multi-lane roundabout would help decrease crash frequency and severity while increasing operation efficiency and would help reduce speeds for vehicles entering the intersection. The installation of a multilane roundabout at this location would help mitigate the history of 43 angle crashes and 91 rear end
crashes. There are ROW and grade constraints that make this a high cost alternative bringing the total estimated construction cost for this alternative to $\$ 5,430,000$ and ranking second in the ICE stage 2 screening.
- Add Right-Turn Lanes: This alternative proposes installing a right-turn lane in the westbound approach along SR 74/Mercer University Drive. This approach meets the minimum requirements for right-turn deceleration lane, the right-turn movement shows a demand of 1,275 vehicles in 12-hour period and a high rate of rear end and sideswipe crashes compared to other approaches at the intersection. Providing the right-turn lane on this approach would potentially help reduce 34 rear end crashes and 8 sideswipe crashes and improve operations by providing a physical separation between through and westbound right turning vehicles. The estimated construction cost for this alternative is $\$ 996,000$ and ranked last in the ICE stage 2 screening.
- Signal Improvements and Install FYA: This alternative proposes the implementation of systemic and visibility improvements to the existing signal which includes upgrading all signal heads, replacing pedestrian signal heads, installing backplates and retroreflective borders, restriping stop lines and crosswalks, installing pedestrian signs, installing advance warning signs, and overhead signs, and installing curb ramps. The flashing yellow arrow (FYA) signal would replace the existing 5 -section "doghouse" signal on the northbound and southbound approaches along SR 247/Pio Nono Avenue. The FYA can be operated as protected only by time of the day and can potentially help mitigate 14 left angle crashes. The estimated construction cost for this alternative is $\$ 250,000$. The stage 2 screening showed that the proposed signal and visibility improvements alternative was ranked the highest, which made it become the best option when looking at safety, operations, cost, environmental, and political factors.


## Intersection Crash Reduction Factors

Corridor-wide improvements as well as individual intersection improvements were both considered to generate the final potential alternatives for the study corridor. The Crash Reduction Factors (CRF) used in the ICE Stage 2 analysis and roadway segment analysis were determined from the FHWA's CMF Clearinghouse website (http://www.cmfclearinghouse.org/) and are provided in Table 9.

Table 9: Intersection Crash Reduction Factors (CRFs)

| Intersection | Intersection Alternative and Safety Countermeasures | PDO (CRF) | Injury/Fatal (CRF) |
| :---: | :---: | :---: | :---: |
| SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway | Alternative 1: <br> - Install Multi-lane Roundabout | $\begin{gathered} 26 \% \\ \text { (CMF Id: } 4195 \text { ) } \end{gathered}$ | $\begin{gathered} 71 \% \\ \text { (CMF Id:4196) } \end{gathered}$ |
|  | Alternative 2: <br> - Implement systemic signing and visibility improvements <br> - Change from protected only to FYA protected/permissive left-turn with time of day operation | $5.1 \%$ (CMF Id: 8927) $9.9 \%$ (CMF Id: 7690 ) | $\begin{gathered} 14.6 \% \\ \text { (CMF Id: 8928) } \\ 7.4 \% \\ \text { (CMF Id: } 7691 \text { ) } \end{gathered}$ |
| SR 247/Pio Nono Avenue at Anthony Road | Alternative 1: <br> - Install Single-lane Roundabout | $\begin{gathered} 24 \% \\ \text { (CMF Id: 4192) } \end{gathered}$ | $\begin{gathered} 71 \% \\ \text { (CMF Id:4255) } \end{gathered}$ |
|  | Alternative 2: <br> - Implement systemic signing and visibility improvements <br> - Change from 5-section "doghouse" protected/permissive left-turns to FYA protected/permissive left-turns | $5.1 \%$ (CMF Id: 8927) $16.2 \%$ (CMF Id: 7696 ) | $\begin{gathered} 14.6 \% \\ \text { (CMF Id: 8928) } \\ 25.3 \% \\ \text { (CMF Id: } 7697 \text { ) } \end{gathered}$ |
|  | Alternative 3: <br> - Provide a right-turn lane on one major road approach | $\begin{gathered} 4 \% \\ (\mathrm{CMF} \text { Id: 286) } \end{gathered}$ | 9\% <br> (CMF Id: 288) |
| SR 247/Pio Nono Avenue at SR 74/Mercer University Drive | Alternative 1: <br> - Install Multi-lane Roundabout | $\begin{gathered} 26 \% \\ \text { (CMF Id: 4195) } \end{gathered}$ | $\begin{gathered} 71 \% \\ \text { (CMF Id:4196) } \end{gathered}$ |
|  | Alternative 2: <br> - Provide a right-turn lane on one major road approach | $4 \%$ <br> (CMF Id: 286) | 9\% <br> (CMF Id: 288) |
|  | Alternative 3: <br> - Implement systemic signing and visibility improvements <br> - Change from protected only to FYA protected/permissive left-turn with time of day operation | $5.1 \%$ (CMF Id: 8927) $9.9 \%$ (CMF Id: 7690 ) | $\begin{gathered} 14.6 \% \\ \text { (CMF Id: 8928) } \\ 7.4 \% \\ \text { (CMF Id: } 7691 \text { ) } \end{gathered}$ |

## ROADWAY SEGMENT SAFETY COUNTERMEASURES

In addition to the intersection analyses, roadway segment improvements were considered to generate the final potential alternatives for the corridor that would help improve safety for all users.

## Roadway Segment Crash Reduction Factors

The Crash Reduction Factors used in the roadway segment analysis were determined from the FHWA's Crash Modification Factors Clearinghouse website and are provided in Table 10.

Table 10: Roadway Segment Crash Reduction Factors (CRFs)

| Roadway Segment | Roadway Segment Safety <br> Countermeasures | PDO (CRF) | Injury/Fatal <br> (CRF) |
| :---: | :---: | :---: | :---: |
| SR 247/Pio Nono Avenue <br> from SR 22/Eisenhower <br> Parkway to Anthony Road | 1. Resurface pavement <br> *2. Install Pedestrian Midblock Crossing <br> with Pedestrian Safety Island | $7.1 \%$ <br> (CMF <br> Id:9289) | $14.2 \%$ <br> (CMF <br> Id:9288) |
| SR 247/Pio Nono Avenue <br> from Anthony Road to SR <br> 74/Mercer University Drive | 1. Convert four-lane roadway to three-lane <br> roadway with center turn lane (Road Diet) <br> * 2. Install Pedestrian Midblock Crossing <br> with Pedestrian Safety Island | $18.8 \%$ <br> (CMF Id: <br> $5554)$ | $18.8 \%$ <br> (CMF Id: <br> 5554) |

Note: The installation of the Pedestrian Midblock Crossing with Pedestrian Safety Island is not included in the $B / C$ calculation.

As shown in Table 10, based on existing geometry, accessibility, and traffic demand, the roadway segment between SR 22/Eisenhower Parkway and Anthony Road would benefit from a pavement resurfacing providing an expected $7.1 \%$ and $14.2 \%$ crash reductions for PDO and injury/fatal crashes, respectively. The roadway segment between Anthony Road and SR 74/Mercer University Drive is expected to see a higher crash mitigation by installing the Road Diet which would help mitigate all crash types by reducing vehicular conflicts while enhancing mobility and access for all road users.

## EXPECTED OPERATIONAL RESULTS

## Intersection Delay and Level of Service

The expected intersection delay and LOS results for the design year (2044) for all alternatives considered in the ICE Stage 2 analyses are summarized in Tables 11 through 13. The summary of the expected operations analyses reports is provided in Appendix G. Although the growth rate analysis for the corridor shows the AADT has been trending down in recent years, a conservative approach was used in developing the design year traffic demand thus a $0.5 \%$ growth rate was applied.

Table 11: SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway (Design Year 2044)

| Approach | Alternative 1: <br> Multi-lane Roundabout |  |  |  | Alternative 2: <br> Signing and Visibility Improvements/Install FYAs |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | AM |  | PM |  | AM |  | PM |  |
|  | Average <br> Delay <br> (sec) | Los | Average Delay (sec) | LOS | Average <br> Delay <br> (sec) | Los | Average Delay (sec) | LOS |
| NB SR 247/Pio Nono Avenue | 8.7 | A | 15.6 | C | 38.3 | D | 44.5 | D |
| SB SR 247/Pio Nono Avenue | 9.8 | A | 49.3 | E | 48.6 | D | 48.3 | D |
| EB SR 22/Eisenhower Parkway | 8 | A | 22.2 | C | 31.9 | C | 41.3 | D |
| WB SR 22/Eisenhower Parkway | 10.3 | B | 25.7 | D | 30.8 | C | 43.3 | D |
| Intersection | 9.3 | A | 28.3 | D | 36.4 | D | 44.1 | D |

Note: Alternative 2 includes the conversion of dual left-turn lanes into single left-turn lanes on all approaches.

As shown in Table 11, installing the signing and visibility improvements along with installing the flashing yellow arrows (FYA) at the SR 22/Eisenhower Parkway intersection would provide more efficient operations and improved safety benefits than the No-Build alternative shown in the ICE report. The NoBuild alternative is expected to operate in 2044 with 34.9 seconds (LOS C) in the AM peak and 41.2 seconds (LOS D) in the PM peak hour (previously shown in Table 7). The expected intersection delays for the preferred alternative, which includes protected left-turn movements on all approaches, are 36.4 seconds (LOS D) and 44.1 seconds (LOS D) in the AM and PM peak hours, respectively.

Table 12: SR 247/Pio Nono Avenue at Anthony Road (Design Year 2044)

| Approach | Alternative 1: <br> Single-lane Roundabout |  |  |  | Alternative 2: <br> Signing and Visibility Improvements/Install FYAs |  |  |  | Alternative 3: <br> Install NB and WB RightTurn Lanes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | AM |  | PM |  | AM |  | PM |  | AM |  | PM |  |
|  | Average Delay (sec) | Los | Average Delay (sec) | LOS | $\begin{array}{\|c\|} \hline \text { Average } \\ \text { Delay } \\ (\mathrm{sec}) \\ \hline \end{array}$ | LOS | $\begin{gathered} \text { Average } \\ \text { Delay } \\ (\mathrm{sec}) \end{gathered}$ | LOS | Average <br> Delay <br> $($ sec $)$ <br> 17.1 | LOS | $\begin{array}{\|c\|} \hline \text { Average } \\ \text { Delay } \\ (\mathrm{sec}) \\ \hline \end{array}$ | LOS |
| NB SR 247/Pio Nono Avenue | 11.0 | B | 12.2 | B | 16.8 | B | 16.9 | B | 17.1 | B | 17.3 | B |
| SB SR 247/Pio Nono Avenue | 5.5 | A | 8.4 | A | 29.1 | C | 17.0 | B | 27.7 | C | 15.2 | B |
| EB Anthony Road | 4.7 | A | 6.5 | A | 26.5 | C | 25.1 | C | 27.3 | C | 28.1 | C |
| WB Burton Avenue | 8.7 | A | 11.9 | B | 44.2 | D | 46.0 | D | 32.9 | C | 38.8 | D |
| Intersection | 7.8 | A | 9.8 | A | 26.2 | C | 22.6 | C | 24.5 | C | 21.6 | C |

The preferred alternative for the intersection of SR 247/Pio Nono Avenue at Anthony Road, single-lane roundabout, would significantly help improve the operational efficiency of the intersection in comparison to the other two alternatives shown in Table 12. The expected intersection delay in the design year is 7.8 seconds (LOS A) and 9.8 seconds (LOS A) in the AM and PM peak hours, respectively.

Table 13: SR 247/Pio Nono Avenue at SR 74/Mercer University Drive (Design Year 2044)

| Approach | Alternative 1: <br> Multi-lane Roundabout |  |  |  | Alternative 2: Install WB Right-Turn Lane |  |  |  | Alternative 3: <br> Signing and Visibility Improvements/Install FYAs |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | AM |  | PM |  | AM |  | PM |  | AM |  | PM |  |
|  | Average Delay (sec) | LOS | $\begin{array}{\|c\|} \hline \text { Average } \\ \text { Delay } \\ (\mathrm{sec}) \end{array}$ | Los | $\begin{array}{\|c\|} \hline \text { Average } \\ \text { Delay } \\ (\mathrm{sec}) \end{array}$ | Los | Average Delay (sec) | Los | $\begin{array}{\|c\|} \hline \text { Average } \\ \text { Delay } \\ (\mathrm{sec}) \end{array}$ | Los | Average Delay (sec) | Los |
| NB SR 247/Pio Nono Avenue | 10.2 | B | 9.5 | A | 24.1 | C | 23.1 | C | 16.3 | B | 27.1 | C |
| SB SR 247/Pio Nono Avenue | 7.8 | A | 15.5 | C | 29.0 | C | 27.9 | C | 28.5 | C | 38.4 | D |
| EB SR 74/ Mercer University Drive | 9.8 | A | 10.0 | B | 38.8 | D | 35.6 | D | 42.6 | D | 43.4 | D |
| WB SR 74/ Mercer University Drive | 8.0 | A | 13.2 | B | 25.0 | D | 32.9 | C | 33.1 | C | 46.7 | D |
| Intersection | 9.0 | A | 12.3 | B | 29.9 | C | 30.1 | C | 31.6 | C | 39.8 | D |

As shown in Table 13, installing the signing and visibility improvements along with installing the flashing yellow arrows (FYA) at the intersection would improve the safety and operations resulting in an expected intersection delay is 31.6 seconds (LOS C) and 39.8 seconds (LOS D) in the AM and PM peak hours, respectively. Additionally, this alternative includes the delay from converting the southbound shared through/right-turn lane, outermost lane, into a dedicated right-turn only.

## Roadway Segment Level of Service

A roadway segment operation analysis was conducted for the roadway segment along SR 247/Pio Nono Avenue where the road diet is being recommended. The analysis shows this segment is expected to
operate with a LOS C in the AM peak and LOS D in the PM peak hours. A summary of the segment analysis report is included in Appendix G.

## SAFETY BENEFIT-COST ANALYSIS

To conduct the Safety Benefit/Cost (B/C) analysis, a detailed cost estimate including pay items and right-of-way impacts was conducted for the single lane roundabout improvement recommended at the intersection of SR 247/Pio Nono Avenue at Anthony Road. A summary of the Right-of-way cost estimate and the construction costs is included in Appendix H. The estimated costs shown for Implementing the systemic signing and visibility improvements and installing the FYAs at the intersections of SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway and SR 74/ Mercer University Drive are consistent with similar projects in the state. A summary of the Safety $\mathrm{B} / \mathrm{C}$ for the preferred alternatives is presented in Table 14 and the B/C ratio calculations are shown in Appendix I.

Table 14: Benefit / Cost (B/C) Ratio Analysis Results

|  | Location | Preferred Alternative | Total Improvement Cost | $B / C$ <br> Ratio |
| :---: | :---: | :---: | :---: | :---: |
|  | SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway | Implement systemic signing and visibility improvements and change from protected only to FYA protected/permissive left turn with time of day operation | \$275,000 | 40.3 |
|  | SR 247/ Pio Nono Avenue at Anthony Road | Install single lane roundabout | \$2,855,000 | 18.4 |
|  | SR 247/ Pio Nono Avenue at SR 74/Mercer University Drive | Implement systemic signing and visibility improvements and change from 5 -section <br> "doghouse" protected/permissive left-turns to FYA protected/permissive left-turns | \$250,000 | 50.4 |
|  | SR 247/Pio Nono Avenue from SR 22/Eisenhower Parkway to Anthony Road | Resurface pavement <br> * Install Pedestrian Midblock Crossing with Pedestrian Safety Island | \$550,000 | 2.4 |
|  | SR 247/Pio Nono Avenue from Anthony Road to SR 74/Mercer University Drive | Convert four-lane roadway to three-lane roadway with center turn lane (Road Diet) <br> * Install Pedestrian Midblock Crossing with Pedestrian Safety Island | \$525,000 | 14.9 |

Note: The installation of the Pedestrian Midblock Crossing with Pedestrian Safety Island is not included in the $B / C$ calculation.

As shown in Table 14, merging the recommended intersection improvements with the proposed median improvements along SR 247/Pio Nono Avenue is estimated to have a total cost of $\$ 4,455,000$ and a project $B / C$ of 20.3, if the corridor improvements were delivered as a single project. However, for faster implementation, the corridor improvements can be implemented in different stages as it will be discussed in the recommendations section.

The addition of the two Midblock Crossings with Pedestrian Safety Islands, as shown in the preferred alternative sketch in Appendix K, will facilitate crossing and reduce the exposure time for pedestrians in locations that have shown a history of crashes involving pedestrians.

## PROJECT RISK ANALYSIS

In order to determine the feasibility and constructability of the proposed corridor improvements, an environmental screening, utility risk assessment, and other risks were completed as part of this traffic engineering study.

## Environmental Screening

To assist GDOT in understanding the potential environmental constraints within the corridor, Arcadis staff conducted a desktop survey using National Wetland Inventory (NWI) maps, Georgia's Natural, Archaeological, and Historic Geographic Information System (GNAHRGIS), the U.S. Environmental Protection Agency's (USEPA) EnviroMapper, and the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) for identifying environmental resources that may be afforded protection under the National Environmental Policy Act (NEPA). The environmental screening report is included in Appendix $\mathbf{J}$. The screening findings are summarized below:

- The project would likely qualify for a Categorical Exclusion (CE) Environmental Documentation.
- There were 28 historic resources ( 50 years of age or older) identified of which 2 were listed with additional right of way being proposed.
- Five locations show Underground Storage Tanks (USTs), however no additional ROW is anticipated from any of these locations.
- A Public Information Open House (PIOH) may be held for Public Involvement.


## Utility Risk Assessment

A utility cost estimate with GDOT was not completed in this study. However, based on field observations, it was determined that no electrical distribution lines nor pipelines are present within the study corridor.

## Other Risks

- Grades: No survey has been completed with this study, however a high-level observation of the grades at the intersections with proposed control changes was completed. It was observed at the intersection of SR 247/Pio Nono Avenue at Anthony Road where the single lane roundabout is being proposed, there are no major grade changes.
- Adjacent Projects: An examination of GDOT's GeoPI website and information provided by the local authority led to conclusion that no projects are presently under construction or scheduled for construction within the corridor or vicinity that could impact the construction of the proposed preferred alternatives discussed.


## CONCLUSION

Based on the observed crash data for the five years analyzed 2014-2018, the study area has experienced a high crash frequency with a total of 630 crashes and a high crash occurrence in rear-end crashes and angle crashes. In addition to vehicle to vehicle crashes, there were six crashes involving pedestrians. Three of these pedestrian crashes occurred at or near the signalized intersections and three pedestrian crashes occurred while the pedestrians were crossing SR 247/Pio Nono Avenue, not within the crosswalks. Of all the crashes reported, there have been 207 injury crashes and 423 PDO crashes during this time period. The three signalized intersections in the corridor have shown average crash rates exceedingly higher than the HSM predicted crash rates for similar intersections. The highest average crash rate of 48.6 was observed at the intersection of SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway, which is almost 12 times higher than the HSM predicted average crash rate of 4.0 crashes per year for similar intersections. Safety along the study area is expected to continue deteriorating with congestion extending well beyond the a.m. and p.m. peak hours as shown in Figure 4 and Figure 5 and as a result of the increase in traffic anticipated by the Design Year 2044.

As discussed throughout the document, the proposed intersection and corridor improvements are expected to provide some of the highest crash mitigation and operational benefits while enhancing the safety of all roadway users. The proposed systemic signing and visibility improvements and FYA installation at the intersections of SR 247/Pio Nono Avenue with SR 22/Eisenhower Parkway and SR $74 /$ Mercer University Drive can potentially provide a safety B/C of 40.3 and 50.3, respectively. The proposed four-legged, single-lane roundabout at the intersection of SR 247/Pio Nono Avenue at Anthony Road is expected to provide a crash reduction of 24 percent for PDO crashes and 71 percent for injury/fatal crashes and a potential safety $\mathrm{B} / \mathrm{C}$ of 18.4. The existing conditions sketch and the layout showing the recommended improvements along the corridor are included in Appendix K.

## Recommendations

The intersection and roadway segments recommended safety improvements along with their delivery mechanisms are shown in Table 15. The roadway segment safety recommendations which include the pavement resurfacing and re-striping are expected to be installed by the State Maintenance Office during their next resurfacing project taking place between FY 2022-2025. Other delivery mechanisms include Quick Response from the District, Indefinite Delivery Indefinite Quantity (IDIQ), and local funds.

Table 15: Intersection and Roadway Segment Safety Improvements Delivery Mechanisms

|  | Location | Safety Improvement | Delivery Method |
| :---: | :---: | :---: | :---: |
|  | SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway | Implement systemic signing and visibility improvements and change from protected only to FYA protected/permissive left turn with time of day operation | Signal maintenance contract, Quick Response, or IDIQ |
|  | SR 247/ Pio Nono Avenue at Anthony Road | * Short-term improvement: Implement systemic signing and visibility improvements and change from 5 -section "doghouse" protected/permissive left-turns to FYA protected/permissive left-turns | Installed by signal maintenance contract or District/local forces |
|  |  | Long-term improvement: Install single-lane roundabout | Safety Contract |
|  | SR 247/ Pio Nono <br> Avenue at SR <br> 74/Mercer University Drive | Implement systemic signing and visibility improvements and change from 5 -section "doghouse" protected/permissive left-turns to FYA protected/permissive left-turns | Installed by signal maintenance contract or District/local forces |
|  | SR 247/Pio Nono Avenue from SR 22/Eisenhower Parkway to Anthony Road | Resurface pavement | State Maintenance |
|  |  | Install Pedestrian Midblock Crossing with Pedestrian Safety Island | Quick Response or local funds |
|  | SR 247/Pio Nono Avenue from Anthony Road to SR 74/Mercer University Drive | Convert four-lane roadway to three-lane roadway with center turn lane (Road Diet) | State Maintenance |
|  |  | Install Pedestrian Midblock Crossing with Pedestrian Safety Island | Quick Response or local funds |

Note: The implementation of systemic signing and visibility improvements and installing the FYAs at the intersection of SR 247/Pio Nono Avenue at Anthony Road are considered a short-term safety and operational improvement until the preferred single-lane roundabout alternative is programmed and installed.


RECOMMENDED BY: $\qquad$ DATE $\qquad$
Samuel Harris, PE State Safety Engineer


## Appendix A: Crash Data

| cidentNo Agencyame | ate |  | Derive | droute Milelog | Intersectingroute |  |  | Mannerofcolision | Locationotim: |  | Light |  | Dirveh1 |  | MnvVeh1 | MnvVeh2 | Unifisturmfulvent |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4788480 Bibb Co Sheriff's office | 1/2/2014 | 2:19:00 PM B1BB | te route | PIo NONO AVE 11.19 | EISENHOWER PKWY | 0 | 0 | 0 S Sidswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Wet | South | South | Changing lanes | Turning Right | Motor Vehicle In Motion |
| 4718444 Bibb Co Sherift's Office | 1/7/2014 | 9:54:00 PM B1BB | state route | HWY 74 | HWY 247 | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Dakkighted | Dry | Esast | East | Straight | Stopped | Motor Vehicle In Motion |
| 47184888 Bibb Co Sherif's office | 1/8/2014 | 6:52:00 AM B1BB | State route | PIo NANO AVE 24712.95 | MEREER UNIV DR 74 | c | 3 | 0 Rear End | On Roodway - | -Roadway Intersection | Darkighted | Dry | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 4718466 Bibb Co Sherif's office | 1/9/2014 | 1:14:00 PM B1BB |  | paneve ave | ELST | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | South | West | Turning Left | Turning Left | Motor Vehicle In Motion |
| 4731745 Bibb Co Sherff's office | 1/17/2014 | 4:28:00 PM B1BB | State route | EIIENHOWER PKWY 11.19 | Plonono ave | B | 1 | 0 Not A Collision with Motor Vehicle | On Roadway - | -Roadway Intersection | Dusk | Dry | West | None | Straight |  | Motor Vehicle In Motion |
| 4731504 Bibb Co Sheriff's office | 1/20/2014 | 2:09:00 PM B1BB | State route | PIO NONO AVE SR 2411.58 | ANTHONY RD | - | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | South | North | Straight | Turning Left | Motor Vehicle In Motion |
| 4731706 Bib Co S Sherif's office | 1/20/2014 | 11:25:00 PM B1BB |  | PIo NoNo AVE | mosker Ave | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Darklighted | Dry | North | North | Turning Left | Straight | Motor Vehicle In Motion |
| 4719048 Gsp Post 00 | 1/26/2014 | 7:35:00 PM B1BB |  | PIo NoNo avenue | MERCER UNVERSSTV DF |  | 3 | 0 Angle | On Roodway - | -Roadway Intersection | Daylight | Dry | South | North | Turning Left | straight | Motor Vehicle In Motion |
| 4739129 Bibb Co Sheriff 5 Ofice | 1/27/2014 | 3:53:00 PM B18B | COUNTY RoAD | Pio NoNo AVE 0.00 | Houls st | - | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Davilight | Dry | North | South | Turning Left | Turring left | Motor Vehicle In Motion |
| 4738993 Bibb Co Sherif't office | 2/3/2014 | 10:05:00 AM BIBB |  | FISEN NEWTA PKWY SR 80 | SR247 | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Wet | East | Esast | stopped | Straight | Motor Vehicle In Motion |
| 4751588 Bibb Co Sheriff's office | 2/11/2014 | 4:50:00 PM B1BB |  | PIo NoNo AVE SR 247 | SR22 | - | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Dayight | Wet | South | South | stopped | straight | Motor Vehicle In Motion |
| 4758183 Bibb Co Sheriff's Office | 2/14/2014 | 1:46:00 PM B1BB |  | ESEHEWCE PLAY | Poner ave | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | West | South | Straight | Changing lanes | Motor Vehicle In Motion |
| 4758159 Bibb Co Sheriff's Office | 2/16/2014 | 11:39:00 AM BIBB | COUNTY RoAD | PIO NONO AVE SR 240.00 | moseley ave | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Davilight | Dry | North | North | stopped | Straight | Motor Vehicle In Motion |
| 4755845 Bibl Co Sheriff's Office | 2/21/2014 | 7:40:00 PM B1BB |  | Piononave 247 | ANTHON RD | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Darklighted | Dry | East | West | Turning left | Straight | Motor Vehicle In Motion |
| 4758248 Bibb Co Sherif's office | 2/24/2014 | 8:34:00 AM B1BB | State route | EIISNHOWER PARKW 11.19 | SR247 | 0 | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | West | West | Stopped | Straight | Motor Vehicle In Motion |
| 4765303 Bibb Co Sherif's office | 2/26/2014 | 7:19:00 PM B1BB |  | pio Nano AVE | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Darkighted | Dry | North | North | Straight | stopped | Motor Vehicle In Motion |
| 4765333 Bibb Co Sheriff's office | 3/1/2014 | 7:24:00 PM B1BB | State route | PIo NoNo AVE 11.71 | STEPHENS ST | A | 1 | 0 Not A Collision with Motor Vehicle | On Roadway- | - Roadway Intersection | DarkNot Lighted | Dry |  | South |  | Straight | Pedestrian |
| 4768278 Bibb Co Sheriff's Office | 3/10/2014 | 3:07:00 PM B1BB |  | Anthony ro | PIoNono AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Dayight | Dry | West | West | stopped | Straight | Motor Vehicle In Motion |
| 4768276 Bibb Co Sheriff's Office | 3/101/2014 | 6:99:00 PM B1BB | state route | PIo NONO AVE 11.78 | moselerave | - | 0 | 0 S Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Davilight | Dry | North | North | Turning Left | Straight | Motor Vehicle In Motion |
| 4768263 Bibb Co Sheriff's Office | 3/11/2014 | 1:55:00 PM BIBB | State route | PIONONO AVE ${ }^{12.33}$ | EISENHOWER PARKW |  | 0 | 0 Sideswipe-Opposite Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | North | South | Turning Left | Straight | Motor Vehicle In Motion |
| 4777069 Bibb Co Sherif's office | 3/15/2014 | 2:24:00 PM B1BB | state route | PION NONO AVE 11.71 | STEPHENS ST | - | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 4878632 Bibb Co Sheriff's Office | 3/22/2014 | 10:49:00 AM BIBB | State route | MERCCR UNIV DR 12.95 | PIo NoNo AVE | c | 1 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | East | West | Straight | Turning Left | Motor Vehicle In Motion |
| 4785467 Bibb Co Sherif's office | 3/28/2014 | 8:44:00 PM B1BB | state route | PIo NoNo AVE SR 2411.19 | SR22 | - | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Darklighted | Wet | North | North | Straight | stopped | Motor Vehicle In Motion |
| 4785488 Bibb Co Sherif's office | 3/29/2014 | 6:18:00 PM B1BB | State route | PIo NONO AVE ${ }^{12.33}$ | EISENHOWER PRNY | 0 | 0 | 0 Sideswipe-Same Direction | On Roodway - | -Roadway Intersection | Daylight | Wet | South | South | Entering/e | IStraight | Motor Vehicle In Motion |
| 4794332 Bibl Co Sherff's office | 4/6/2014 | 2:06:00 AM B1BB |  | PIo NoNo AVE | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | DarkLighted | Dry | South | South | Straight | stopped | Motor Vehicle In Motion |
| 4886839 Bibb Co Sheriff's office | 4/6/2014 | 5:34:00 PM BiBB | COUNTY ROAD | PIONONO AVE 0.00 | нour st | 0 | 0 | 0 Sideswipe-Same Directio | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Passing | Straight | Motor Vehicle In Motion |
| 4837532 Bibb Co Sheriff's Office | 4/8/2014 | 2:15:00 PM B1BB |  | ANTHONY RD | PIoNANA AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Davilight | Dry | None | None |  | N/A | Motor Vehicle In Motion |
| 4823723 Bib Co Sherif's office | 4/9/2014 | 2:12:00 PM B1BB |  | Plo Lore ave sr 247 | Holy st | c | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Straight | Changing lanes | Motor Vehicle In Motion |
| 4828379 Bibb Co Sheriff's Office | 4/14/2014 | 12:09:00 PM BIBB |  | EISCHOWER PKWY | PIo Nano ave | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Dayight | Dry | South | West | Turning Right | Making U-turn | Motor Vehicle In Motion |
| 4837174 Bibb Co Sheriff's Office | 4/18/2014 | 6:32:00 PM B1BB | State route | PIONONO AVE 24711.67 | CATHERINE ST | c | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Wet | South | East | Straight | Straight | Motor Vehicle In Motion |
| 4837200 Bibb Co Sheriff's Office | 4/21/2014 | 5:42:00 PM B1BB |  | PIENONA AVE | HELIY ST | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | South | East | Straight | Straight | Motor Vehicle In Motion |
| 4850022 Bibb Co Sheriff's Office | 4/23/2014 | 9:01:00 AM BIBB | State route | PIO NONO AVE 11.58 | ANTHONY RD | c | 2 | ${ }^{0}$ A Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | West | East | Turring Left | Turning left | Motor Vehicle II Motion |
| 4839080 Bibb Co Sheriff's Office | 4/24/2014 | 8.20:00 AM B1BB |  | MERCER UNIV DR | PIo NoN S AVE | 0 | 0 | 0 O Sideswip-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | West | West | Straight | Changing lanes | Motor Vehicle in Motion |
| 4839026 Bibb Co Sheriff's Office | 4/25/2014 | 6:30:00 AM BIBB |  | PRRIOSA AVE | MERCER UNV DR | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Darklighted | Dry | West | West | ${ }_{\text {Straight }}$ | Turning Right | Motor Vehicle II Motion |
| 4850743 Bibb Co Sheriff's Office | 5/2/2014 | 3:19:00 PM BIBB | State route | EISESN HowER PKW 12.33 | PIONONO AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roodway - | -Roadway Intersection | Daylight | Dry | West | West | Straight | Changing lanes | Motor Vehicle In Motion |
| 4852342 Bibb Co Sheriff's Office | 5/4/2014 | 4:07:00 PM B1BB |  | PIoNoNo AVE | ERSENDOWER PRAY | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight |  |  |  | Stopped | Straight | Motor Vehicle In Motion |
| 4849757 Bibb Co Sherif's office | 5/6/2014 | 8:06:00 AM B1BB | state route | MERCER UNVEESSITY 12.95 | PINoNo AVE | c | 2 | 0 Rear End | On Roodway - | -Roadway Intersection | Daylight | Dry | West | None | Stopped | Straight | Motor Vehicle In Motion |
| 4899758 Bibb Co Sheriff's Office | 5/6/2014 | 9:08:00 AM B1BB | Countr road | PIO NoNO AVE SR 240.00 | Holyst |  | 0 | 0 Sideswipe-Opposite Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | South | North | Turring Right | Turning Right | Motor Vehicle In Motion |
| 4849745 Bibb Co Sherif's office | 5/6/2014 | 5:43:00 PM B1BB | state route | PIo NoNU AVE ${ }^{11.34}$ | ELIST | c | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Davilight | Dry | South | South | Straight | Turning left | Motor Vehicle In Motion |
| 4852731 Bibl Co Sheriff's Office | 5/8/2014 | 3:16:00 PM B1BB | State route | PIo NoNo AVE ${ }^{11.67}$ | CATTRINE ST | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Stopped | straight | Motor Vehicle In Motion |
| 4852511 Bibb Co Sheriff's Office | 5/10/2014 | 1:03:00 PM B1BB | state route | PIo NONO AVE ${ }^{12.33}$ | EISENHOWER PW | в | 1 | 0 Rear End | Off Roadway |  | Dayight | Dry | North | North | stopped | straight | Motor Vehicle In Motion |
| 4854957 Bibl Co Sherif't office | 5/14/2014 | 4:01:00 PM B1BB | state route | PIONONO AVE 12.95 | MERCRR UNIV | c | 3 | 0 Rear End | On Roodway - | -Roadway Intersection | Daylight | Dry | South | South | stopped | straight | Motor Vehicle In Motion |
| 4865529 Bibb Co Sheriff's Office | 5/20/2014 | 2:44:00 PM B1BB | state route | ANT HONV RD 11.58 | SR247 | - | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Straight | Changing lanes | Motor Vehicle In Motion |
| 4865103 Bibb Co Sheriff's Office | 5/20/2014 | 1:42:00 AM BIBB | State route | MERCER UNVVESSITY 12.95 | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Darklighted | Dry | West | West | stopped | Straight | Fire/Explosion |
| 48786348 Bibb Co Sheriff's office | 5/29/2014 | 10:41:00 AM BIBB |  | EIIENHOUER PRURY 80 | PlIOCOOO AVE 24 | c | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | East | Esast | Stopped | Stopped | Motor Vehicle In Motion |
| 4855664 Bibb Co Sherifi's Office | 6/2/2014 | 11:4400 AM BIBB | STATE ROUTE | ${ }^{\text {PIO NONO }}$ (11.19 | EISENHOWER PRWY | 0 | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | East | South | Turning left | ${ }_{\text {Straight }}$ | Motor Vehicle In Motion |
| 4880966 Bibb Co Sheriff's office | 6/2/2014 | 1:32:00 PM B1BB | state route | PIoNoNo AVE 11.19 | EISENHower pkwy | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 4881125 Bibb Co Sheriff's Office | 6/3/2014 | 1:53:00 PM BiBB | State route | PIONONO AVE 11.58 | ANTHONY RD |  | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 4886836 Bibb Co Sheriff's Office | 6/7/2014 | 6:00:00 PM B1BB |  | PIoNoNo AVE | ANTHONY RD | 0 | 0 | 0 Rear End | On Roadway | -Roadway Intersection | Dayight | Dry | North | North | stopped | Straight | Motor Vehicle In Motion |
| 4879788 Bib Co Sherif's Office | 6/15/2014 | 1:43:00 PM B1BB |  | MERCER UNIVERSITY DR | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Straight | stopped | Motor Vehicle In Motion |
| 4890949 Bibb Co Sheriff's Office | 6/16/2014 | 9:45:00 AM BIBB |  | MERVEN UNI RDSR 74 | SR247 |  |  | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | East | East | Straight | Changing lanes | Motor Vehicle In Motion |
| 4896408 Bibb Co Sherif's office | 6/20/2014 | 7.58:00 AM B1BB |  | PIoneno ave | ANTHINY RD | - | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | South | None | Straight | Turning Right | Motor Vehicle In Motion |
| 4896401 Bibb Co Sherif's office | 6/21/2014 | 12:40:00 PM B18B | state route | EIIENHOWER PKWY 11.19 | PIo NoNO AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Changing lanes | Straight | Motor Vehicle In Motion |
| 4911727 Bibb Co Sheriff's office | 6/30/2014 | 4:45:00 PM BiBB | STATE ROUTE | PIoNONO AVE ${ }^{11.34}$ | Eust | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Wet | North | West | Straight | Turring Left | Motor Vehicle In Motion |
| 4912553 Bibb Co Sheriff's Office | 7/9/2014 | 12:41:00 AM BBB | state route | PIO NONO AVE 12.95 | MERCER UNVERSITY DF | ¢ | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Darklighted | Dry | South | West | Straight | Straight | Motor Vehicle In Motion |
| 4904001 Bibb Co Sherift's Office | 7/11/2014 | 10:45:00 AM BBB | COUNTY ROAD | PIo NoNo AVE 0.00 | VIING CIR | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Straight | Stopped | Motor Vehicle In Motion |
| 4918466 Bibl Co Sherif's office | 7/13/2014 | 4:47:00 PM B1BB |  | Eisenbrug pkwr | PIoNono AVE | 0 | 0 | 0 Not A Collision with Motor Vehicle | On Roadway - | -Roadway Intersection | Daylight | Dry | West | N/A | Straight | N/A | Other Non-Collision |
| 4929791 Bibb Co Sheriff's Office | 7/22/2014 | 11:52:00 AM BIBB |  | Nercer unvesity dr | PIO NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | East | East | Stopped | Straight | Motor Vehicle In Motion |
| 4919030 Bibb Co Sheriff's office | 7/26/2014 | 3:35:00 PM BIBB |  | EISENHOWER PKWY | Plo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Dayight | Dry | West | West | Straight | stopped | Motor Vehicle In Motion |
| 4923053 Bibb Co Sheriff's Office | 7/30/2014 | 2:34:00 PM B1BB | COUNTY RoAd | PIo NoNo AVE 0.00 | moseley ave | 0 | 0 | 0 Sideswip-Same Direction | On Roadway - | -Roadway Intersection | Dayight | Dry | North | None | Changing Lanes | Straight | Motor Vehicle In Motion |
| 4926062 Bibb Co Sheriff's Office | 7/31/2014 | 6:19:00 PM B1BB | State route | PIo NONO AVE ${ }^{11.71}$ | Stephens st | c | 3 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Straight | stopped | Motor Vehicle In Motion |
| 4938043 Bibb Co Sheriff's office | 8/9/2014 | 9:29:00 PM В18B | State route | MERCER UNV DR DR12.95 | plo NoNo ave ave | c | 1 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Darkighted | Wet | East | East | Stopped | Straight | Motor Vehicle In Motion |
| 4938042 Bibb Co Sherfif's Office | 8/9/2014 | 10:35:00 PM BIBB | state route | PIo NoNO AVE AVE 11.81 | VINNING CIR CIR | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Darklighted | Dry | North | North | Straight | Straight | Motor Vehicle In Motion |
| 4938044 Bibb Co Sheriff's office | 8/13/2014 | 9:12:00 PM BIBB | state route | PIo NoNo AVE AVE 11.42 | HARRIS ST ST | B | 2 | 0 Not A Collision with Motor Vehicle | On Roadway | - Roadway Intersection | DarkNot Lighted | Dry | South | N/A | Changing Lanes | N/A | Pedestrian |
| 4954785 Bibb Co Sheriff's Office | 8/15/2014 | 2:36:00 PM BIBB |  | PIoNo AVE | CNALLST | c | 1 | 0 Head On | On Roadway - | -Roadway Intersection | Daylight | Dry | South | North | Stopped | Straight | Motor Vehicle In Motion |
| 4940299 Bibb Co Sheriff's office | 8/16/2014 | 12:00:00 PM BBB | STATE ROUTE | PIONONO AVE ${ }^{11.71}$ | STEPHENS DR | c | 2 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Stopped | Motor Vehicle In Motion |
| 4975228 Bibl Co Sheriff's Office | 8/24/2014 | 12:30:00 PM B1BB | State route | PIO NONO AVE HWY :11.42 | HORESTON AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Turring R Right | Turning Rig | Motor Vehicle In Motion |
| 4960782 Bibb Co Sheriff's Office | 9/2/2014 | 1:02:00 PM BIBB | State route | EIIENHOWER PKWY 11.19 | PIo NoNo AVE | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | DarkNot Lighted | Dry | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 5148677 Bibl Co Sheriff's office | 9/6/2014 | 4:13:00 PM BIBB |  | PIONONO AVE 0.00 | Eisenhower Pkwr | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Dayight | Wet | South | South | Straight | Straight | Motor Vehicle In Motion |
| 5147679 Bibb Co Sherif's office | 9/7/2014 | 9:38:00 PM B1BB |  | ANTHONY RD 0.00 | pla noa ave | c | 1 | 0 Angle | On Roadway - | -Roadway Intersection | Darkighted | Wet | South | West | Turring Left | stopped | Motor Vehicle In Motion |
| 5155747 Bibb Co Sherif's office | 9/18/2014 | 9:10:00 PM B1BB |  | PIO NoNo AVE 0.00 | EISENHower Pkwy |  | 0 | 0 Rear End | On Roadway - | -Roaway Intersection | Darkighted | Dry | South | South | straight | stopped | Motor Vehicle In Motion |
| 4985077 Bibb Co Sheriff's Office | 9/18/2014 | 9:46:00 PM BIBB | State route | MEECER UNVEESTITY 12.95 | PIONONO AVE | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Darkighted | Dry | East | East | Straight | Stopeed | Motor Vehicle II Motion |
| 4986771 Bibb Co Sheriff's office | 9/19/2014 | 10:52:00 AM B1BB | state route | EIISNHOWER PARK 12.33 | PIo nono ave | 0 | 0 | O Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Changing lanes | Straight | Motor Vehicle In Motion |
| 4998078 Bibb Co Sherif's office | 9/26/2014 | 7:58:00 AM В1BB |  | PIo NoNo AVE | ANTHONY RD | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Wet | West | West | Stopped | Straight | Motor Vehicle In Motion |
| 5000111 Bibb Co Sherff's Office | 9/27/2014 | 2:56:00 PM B1BB | state route | PIo NONO AVE AVE 11.88 | STRAGHT STREET ST | 0 | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | South | South | Straight | stopped | Motor Vehicle In Motion |
| 4999361 Bibb Co Sherif's office | 9/29/2014 | 11:12:00 AM BIBB | state route | PIo NONO AVE 11.67 | CATHERINE ST | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Wet | East | East | stopped | Straight | Motor Vehicle In Motion |
| 5002896 Bibb Co Sheriff's office | 9/30/2014 | 2:55:00 PM BIBB |  | PIo NoNo AVE | MERCER UNIVERSITV DF |  | 3 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 5156938 Bibb Co Sheriff's Office | 9/30/2014 | 6:42:00 AM BIBB |  | PIO NONO AVE 0.00 | MERBER UNI DR | c | 3 | 0 Rear End | On Roadway - | -Roadway Intersection | Dawn | Dry | North | North | Straight | stopped | Motor Vehicle In Motion |
| 5156925 Bibb Co Sheriff's office | 101/22014 | 12:15:00 PM BIBB |  | MERCER UNVERSTIT 0.00 | PIoNoNO AVE | c | 1 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry |  |  |  |  |  |
| ${ }_{51555520} 51$ Bibb Co Sheriff's Office | 10/2/2014 $101 / 2014$ | 8.00:000 PM BIBB 12:3000 PM BIBB | STATE ROUTE STATE ROUTE | MERCER UNVEESTIT 12.95 PIONONO AVE 12.33 | PINNONO AVE EISHWNER PRWY | ${ }_{0}$ | ${ }_{4}$ | 0 Rear End 0 Rear End | On Roadway On Roadway - | -Roadway Intersection | Darklighted Daylight | ${ }_{\text {dry }}^{\text {det }}$ | West North | West North | Straight Stopped | Stopped Stright | Motor Vehicle II Motion Motor Vehicle In Motion |
| 5157515 Bibb Co Sherift's office | 101/2014 | 8:37:00 PM B18B | state route | PIo NONO AVE ${ }^{11.42}$ | HarkIIST | 0 | 0 | 0 Not A Collision with Motor vehicle | On Roadway - | -Roadway Intersection | Dusk | Dry |  | North |  | Straight | Motor Vehicile In Motion |
| 9204 Bibb Co Sherif's office | 10/72014 | 3:15:00 AM B1BB | state route | EIISNHOWER PACKW 12.33 | Pio NoNo AVE | c | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Darklighted | Dry | West | West | Turning Left | Turning Left | Motor Vehicle In Motion |
| 5011058 Bibl Co Sherff's Office | 10/8/2014 | 5:45:00 PM BIBB |  | PIONONO AVE | Houl ST | 0 | 0 | 0 Sidessipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Turning Left | Turning Left | Motor Vehicle In Motion |
| 5012772 Bibb Co Sheriff's Office | 10/9/2014 | 9:08:009 PM B1BB |  | PIo NoNo AVE AVE | MERCER UNV VR DR | c | 2 | 0 Rear End | On Roadway- | -Roadway Intersection | DarkLighted | Dry | North | North | Straight | ${ }_{\text {Stopped }}$ | Motor Vehicle II Motion |
| 5017378 Bibb Co Sheriff's office | 10/14/2014 | 3:30:00 PM BIBB | STATE ROUTE | MERCER UNIVESSITY 12.95 | PIoNono ave | c | 1 | 0 Rear End | On Roadway | -Roadway Intersection | Daylight | Wet | West | West | Straight | Stopped | Motor Vehicle In Motion |
| 5025604 Gsp Post 00 | 10/14/2014 | 10:35:00 PM B1BB | STATE ROUTE | GA 247 6A $74{ }^{\text {M }}$ | GA 247 GA 74 | $\bigcirc$ | 0 | 0 A Angle | On Roadway- | -Roadway Intersection | DarkNot Lighted | ${ }^{\text {Dry }}$ | North West | South |  |  | Motor Vehicle in Motion |
| 5041610 B Bib Co Co Sherif's office | $11 / 5 / 2014$ $11 / 6 / 2014$ | 12:45:00 PM B BBE $10: 16: 00$ A B BB | STATE ROUTE STATE ROUTE | MERCER UNVEESTIT 12.95 | Plonono AVE PIONONO AVE | $\bigcirc$ | 0 | ${ }_{0}^{0} 0$ Rear End | On Roadway On Roadway | -Roadway Intersection | Daylight Daylight | ${ }_{\text {Dry }}$ Dry | West | $\underset{\text { East }}{\text { N/A }}$ | ${ }_{\text {Stopped }}^{\text {Turning left }}$ | $\underset{\text { Straight }}{\text { N/A }}$ | Motor Vehicle II Motion |
| 5187302 Bibl Co Sheriff's Office | 11/7/2014 | 11:36:00 PM B1BB |  | ROUTE 410.00 | moseley ave | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Darklighted | Dry | North | None | Turning Left | N/A | Motor Vehicle In Motion |
| 5187296 Bibb Co Sherif's office | 11/9/2014 | 1:52:00 PM B1B8 | State route | PIoNono AVE SR 24712.95 | SR74 | c | 1 | 0 Rear End | On Roadwar | -Roadway Intersection | Daylight | Dry | South | South | Strai | stopp | Motion |
| 5187290 Bibb Co Sherif's office | 11/10/2014 | 6:35:00 AM В18B | State route | PIONONO AVE 11.34 | Elust | - | 0 | 0 Angle | On Roodway - | -Roadway Intersection | Daylight | Dry | North | West | Straight | Turning Right | Motor Vehicle In Motion |


| 5052132 Bibb Co Sheriff's office | 11/15/2014 | 9:15:00 AM BIBB |  | MERCER UNVEESSITY |  | PIo NoNo AVE c | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Straight | stopped | Motor Vehicle in Motion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5052995 Bibb Co Sheriff's office | 11/15/2014 | 11:44:00 PM BIBB | state route | PIo NoNO AVE AVE | 12.95 | MERCER UNIV DR DR O | 0 | 0 | 0 Angle | On Roadway | -Roadway Intersection | Darklighte | Dry | North | South | Turning Right | Straight | Motor Vehicle in Motion |
| 5058279 Bibb Co Sheriff's office | 11/20/2014 | 10:22:00 PM B1BB | state route | PIo NoNo AVE | 11.19 | EISENHOWER PKWY 0 | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Darklighted | Dry | North | North | Straight | Changing lan | Motor Vehicle in Motion |
| 5057879 Bibb Co Sherif's office | 11/20/2014 | 2:24:00 PM B1BB | COUNTY ROAD | PIoNoNo AVE | 0.00 | moster Ave 0 | 0 | 0 | 0 Rear End | On Shoulder |  | Daylight | Dry | North | North | Turning left | Straight | Motor Vehicle In Motion |
| 5188921 Bibb Co Sherif's office | 11/22/2014 | 9:54:00 PM BiBB |  | pio nono Ave | 0.00 | FLST 0 | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Darklighted | Wet | South | South | Turning left | Straight | Motor Vehicle in Motion |
| 5066996 Bibb Co Sherif's Office | 11/28/2014 | 2:32:00 PM BIBB | state route | PIONONO AVE | 12.95 | MERCER UNIV DR O | - | 0 | 0 Sideswipe-Same Direction | On Roodway | -Roadway Intersection | Daylight | Dry | South | South | Straight | Changing lanes | Motor Vehicle In Motion |
| 5071214 Bibb Co Sheriff's office | 12/2/2014 | 7:02:00 PM B1BB |  | MERCER UNVEESSTY |  | pionono ave c | c | 1 | 0 Angle | On Roodway - | -Roadway Intersection | DarkNot Lighted | Dry | East | West | Straight | Turning Left | Motor Vehicle in Motion |
| 5182759 Bibb Co Sherif's office | 12/4/2014 | 9:18:00 PM B18B | State route | MERCER UNIV DE 1 | 12.95 | pio nono ave c | c | 0 | 0 Sideswipe-Same Direction |  |  | DarkNot Lighted | Dry | West | West | Changing Lanes | Straight | Motor Vehicle in Motion |
| 5077758 Bibb Co Sherif's office | 12/6/2014 | 4:20:00 PM B1BB | state route | PIONONO AVE | 11.19 | EISENHOWER PKWY O | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Wet | North | North | Stopped | Straight | Motor Vehicicl in Motion |
| 5077806 Bibb Co Sherif''s Office | 12/6/2014 | 3:42:00 PM BiBB | state route | pio nono ave | 11.33 | ELST B | в | 1 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Wet | East | South | Turning Left | Straight | Motor Vehicle In Motion |
| 5089944 Bibb Co Sherif's office | 12/11/2014 | 8:58:00 AM BIBB | city Stret | ANTHONY RD |  | PIo NoNo ave c | c | 2 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | West | South | Straight | Straight | Motor Vehicle in Motion |
| 5097555 Bibb Co Sherifi's office | 12/16/2014 | 4:45:00 PM B1BB | State route | PIo NoNo AVE | 11.63 | Alne St o | $\bigcirc$ | 0 | 0 Rear End | On Roodway - | -Roadway Intersection | Daylight | Dry | North | North | Straight | Stopped | Motor Vehicle in Motion |
| 5103869 Bibb Co Sheriff's office | 12/22/2014 | 2:44:00 PM BiBB | state route | PIONONO AVE | 11.81 | viIING CIR 0 | 0 | 0 | 0 Rear End | On Shoulder |  | Dayilight | wet | South | South | Turring Right | Straight | Motor Vehicle In Motion |
| 5105586 Bibb Co Sherif's office | 12/24/2014 | 9:10:00 AM BBB |  | PIoNoNo AVE |  | EISENHOWER PKWY 0 | 0 | 0 | 0 Rear End | On Roadway | -Roadway Intersection | Daylight | Wet | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 5107393 Bibb Co Sherif's office | 12/27/2014 | 4:10:00 PM BilB |  | PIoNoNo AVE |  | moster Ave c | c | 1 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | South | East | Straight | Straight | Motor Vehicle in Motion |
| 5108240 Bibb Co Sheriff's office | 12/29/2014 | 12:08:00 PM B1BB |  | PIONONO AVE |  | EISENHOWER PKWY c | c | 2 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Stopped | Straight | Motor Vehicile In Motion |
| 5116588 Bibb Co Sherifit's office | 1/3/2015 | 4:00:00 PM BIIBB | State route | PIONONO AVE 1 | 11.34 | ELlst 0 | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Davilight | Wet | North | West | Straight | Turning Right | Motor Vehicle In Motion |
| 5117471 Bibb Co Sherift's office | 1/4/2015 | 8:22:00 PM BIBB | STATE ROUTE | MERCER UNVEESITY |  | PIONONO AVE 0 | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Darklighted | Dry | West | East | Turring Left | Turning Right | Motor Vehicle In Motion |
| 5119269 Bibb Co Sheriff's Office | 1/6/2015 | 3:46:00 PM BIBB | state route | PIoNoNo AVE | 11.34 | ELST O | $\bigcirc$ | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | South | West | Straight | Turning left | Motor Vehicle in Motion |
| 5126318 Bibb Co Sheriff's office | 1/12/2015 | 2:58:00 PM BiBB | state route | PIoNoNo AVE | 11.71 | STEPHENS ST c | c | 2 | 0 Rear End | On Roadway - | -Roadway Intersection | Davilight | Wet | North | North | stopped | Straight | Motor Vehicle In Motion |
| 5127140 Bibb Co Sheriff's office | 1/12/2015 | 3:39:00 PM BIBB | state route | PIo NoNo AVE | 11.78 | moseley ave o | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Davilight | Wet | South | South | Turning Righ | Straight | Motor Vehicle in Motion |
| 5127277 Bibb Co Sherif's Office | 1/31/2015 | 1:42:00 PM BiBB |  | MERCER UNVERSTIT |  | PIo NoNo AVE O | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Stopped | Stopped | Motor Vehicle In Motion |
| 5137072 Bibb Co Sherif's Office | 1/19/2015 | 10:10:00 PM BIBB | State route | PIo NoNo AVE | 12.95 | MERCRR UNIV DR O | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | DarkLighted | Dry | West | South | Turning left | Straight | Motor Vehicle in Motion |
| 5135817 Bibb Co Sheriff's office | 1/21/2015 | 12:31:00 PM BIBB |  | EIISENHOWER PKWY |  | PIoNoNo AVE 0 | , | 0 | 0 Sideswipe-Same Direction | On Roadway - | - Roadway Intersection | Dayilight | Dry | East | East | Straight | Changing lare | Motor Vehicle in Motion |
| 5139552 Bibb Co Sherift's office | 1/23/2015 | 4:13:00 PM BilB | state route | PIo NoNo AVE | 11.81 | VIING CIR 0 | 0 | 0 | 0 Rear End | On Roodway - | - Roadway Intersection | Daylight | Wet | North | North | Straight | Stopped | Motor Vehicle in Motion |
| 5140383 Bibb Co Sherif's office | 1/26/2015 | 11:07:00 AM B1BB | state route | POINONO AVE | 11.26 | Houlst c | c | 1 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | North | North | Turning Rig | Straight | Motor Vehicle In Motion |
| 5141086 Bibb Co Sherif's Office | 1/27/2015 | 4:13:00 PM BiBB | state route | PIoNoNo AVE | 11.26 | Hourst o | 0 | 0 | 0 Angle | On Roodway - | - Roadway Intersection | Daylight | Dry | South | East | Straight | Turning left | Motor Venicle in Motion |
| ${ }_{5173729}$ Bibb Co Sherifit's office | 1/30/2015 | 1:04:00 PM BIBB | STATE ROUTE | PIo NoNO AVE | 11.26 | Holly st o | 0 | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle in Motion |
| 5153281 Bibb Co Sherif's office | 1/30/2015 | 6:33:00 PM BIBB | state route | Pio NoNo AVE | 11.52 | Crawforost o | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Darklighted | Dry | South | South | Straight | Stopped | Motor Vehicle in Motion |
| 5165308 Bibb Co Sheriff's office | 2/3/2015 | 2:27:00 PM B1BB |  | Elisenhower PkWy |  | PIoNono ave o | 0 | 0 | 0 Sideswipe-S | On Roadway - | - Roadway Intersection | Daylight | Dry | East | East | Changing Lanes | Straight | Motor Vehicle In Motion |
| 5170178 Bibb Co Sherif's office | 2/6/2015 | 3:99:00 PM BiBB |  | PIo NoNo AVE |  | ANTHONY RD c | c | 3 | 0 Angle | On Roodway - | - Roadway Intersection | Daylight | Dry | East | North | Straight | Straight | Motor Vehicle in Motion |
| 5170556 Bibb Co Sherif's office | 2/8/2015 | 1:09:00 PM BIBB |  | pio nono AVE |  | ANTHONY RD C | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Straight | Stopped | Motor Vehicle in Motion |
| 5174679 Bibb Co Sheriff's office | 2/11/2015 | 2:02:00 PM B1BB |  | PIoNoNo AVE |  | ANTHONY RD 0 |  | 0 | 0 Angle | On Roadway - | - Roadway Intersection | Daylight | Dry | South | East | Stopped | Turring left | Motor Vehicle in Motion |
| 51853358 Bibb Co Sherif's office | 2/16/2015 | 6:52:00 PM B1BB | State route | PIo NoNo AVE | 11.71 | STEPHENS ST 0 | 0 | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Darklighted | Wet | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 5191830 Bibb Co Sheriff's office | 2/20/2015 | 12:48:00 PM B1BB |  | PIo NoNo AVE |  | EISENHOWER PKWY c |  | 1 | 0 Sideswipe-Same Direction | On Roadway - | - Roadway Intersection | Daylight | Dry | East | East | Turning Left | Straight | Motor Vehicile In Motion |
| 5193821 Bibb Co Sherif's Office | 2/23/2015 | 2:05:00 PM BibB | state route | PIo NoNo AVE | 11.26 | Houlst 0 | 0 | 0 | 0 Rear End | On Roodway | - Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle in Motion |
| 5194292 Bibb Co Sheriff's office | 2/24/2015 | 2:30:00 AM BIBB |  | PIo NoNo AVE |  | EISENHOWER PRWY 0 |  | 0 | 0 Angle | On Roadway - | - Roadway Intersection | DarkNot Lighted | Wet | North | West | Changing lanes | Turning R Right | Motor Vehicle In Motion |
| 5224240 Bibb Co Sherifi's office | 3/2/2015 | 11:56:00 PM B1BB |  | POINONO AVE | 0.00 | EISENHOWER PKWY c | c | 0 | 0 Sideswipe-Opposite Direction | On Roodway - | - Roadway Intersection | Darkighted | Dry | North | South | Stopped | Straight | Motor Vehicle In Motion- |
| 5203325 Bibb Co Sheriff's office | 3/2/2015 | 3:55:00 PM BIBB |  | MERCER UNVEESSITY |  | PIo-NoNo AVE 0 | 0 | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | West | West | Stopped | Straight | Motor Vehicle in Motion |
| 5224265 Bibb Co Sherift's office | 3/5/2015 | 8:21:00 PM BIBB |  | PIo NoNo Avernue sio |  | US 80 C | c | 0 | 0 Rear End | On Roadway | - Roadway Intersection | Darklighted | Dry | North | North | Straight | Stopped | Motor Vehicle in Motion |
| 5224266 Bibb Co Sheriff's office | 3/5/2015 | 6:43:00 PM BIBB | state route | Pio nono AVE | 11.67 | Catherine st o |  | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Darklighted | Dry | North | North | Straight | straight | Motor Vehicle in Motion |
| 5228864 Bibb Co Sherift's office | 3/6/2015 | 5:43:00 PM BIBB |  | pio nono ave |  | MERCRR UNIVESSITY DFO |  | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | South | South | Straight | Stopped | Motor Vehicle In Motion |
| 5236882 Bibb Co Sherif's office | 3/13/2015 | 4:14:00 PM BiBB |  | Po NoNo AVE | 0.00 | MEREER UNIVESSITY DFO |  | 0 | 0 Angle | On Roadway - | - Roadway Intersection | Daylight | Dry | South | North | Straight | Turning Left | Motor Vehicle in Motion |
| 5222619 Bibb Co Sherif's office | 3/14/2015 | 11:56:00 PM B1BB | State route | Pio NoNo AVE | 12.95 | MERCER UNV DR | 0 | 0 | 0 Angle | On Roadway | - Roadway Intersection | Darklighted | Dry | North | N/A | Straight |  | Motor Vehicle In Motion |
| 5225459 Bibb Co Sheriff's office | 3/16/2015 | 8:32:00 AM BIBB |  | MERCER UNVVESSTIV D | DR | PIo nono ave o | 0 | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Davilight | Dry | East | East | Straight | stopped | Motor Vehicicl in Motion |
| 5223792 Bibb Co Sheriff's Office | 3/20/2015 | 8:55:00 PM BIBB | State route | Plo NoNo ave 1 | 11.71 | STEPHENS ST 0 | 。 | 0 | 0 Not A collision with Motor Vehicle | On Roadway- | - Roadway Intersection | Darklighted | Wet | South | N/A | Straight | N/A | Pedestrian |
| 5251859 Bibb Co Sherif's office | 3/23/2015 | 2:29:00 PM BIBB | State route | SR247 | 12.33 | SR22 | 0 | 0 | 0 Angle | On Roadway - | - Roadway Intersection | Daylight | Dry | North | East | Turning Left | Turning left | Motor Vehicle In Motion |
| 5234532 Bibb Co Sherif's office | 3/28/2015 | 7:19:00 PM BIBB |  | PIo NoNo AVE |  | ANTHONY RD c | c | 1 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | South | South | Stopped | Straight | Motor Vehicle In Motion |
| 5234435 Bibb Co Sherift's office | 3/29/2015 | 9:11:00 PM BIBB | State route | PIo NoNo AVE | 11.67 | CATHERINE ST 0 |  | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | DarkNot Lighted | Dry | North | North | Stopped | Straight | Motor Vehicle in Motion |
| 5248064 Bibb Co Sheriff's Office | 4/3/2015 | 10:54:00 AM BIBB |  | Mercer universit |  | PIo NoNo AVE c | c | 1 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | West | West | Straight | stopped | Motor Vehicle In Motion |
| 5241389 Bibb Co Sherif's office | 4/3/2015 | 9:47:00 PM B1BB | State route | PIo NoNo AVE | 11.26 | Hourst 0 | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | - Roadway Intersection | Darklighted | Dry | North | North | Straight | Changing lanes | Motor Vehicle in Motion |
| 5241388 Bibb Co Sherift's office | 4/3/2015 | 7:19:00 PM BIBB | State route | PIo NoNo AVE | 11.48 | DENTST c | c | 1 | 0 Sideswipe-Same Direction | On Roadway - | - Roadway Intersection | Daylight | Dry | North | North | Turning Left | Straight | Motor Vehicle In Motion |
| 5241223 Bibb Co Sheriff's Office | 4/4/2015 | 1:50:00 PM BIBB |  | PIoNoNo AVE |  | ANTHONY RD 0 |  | 0 | 0 Angle | On Roadway - | - Roadway Intersection | Daylight | Dry | South | West | Straight | Turing Left | Motor Vehicle in Motion |
| 524937 Bibb Co Sherif's office | 4/10/2015 | 6:32:00 PM B1BB |  | PIONONO AVE |  | ANTHONY RD B | в | 5 | 0 Angle | On Roadway - | - Roadway Intersection | Dayilight | Wet | South | North | Straight | Turning left | Motor Vehicile In Motion |
| 5250338 Bibb Co Sheriff's office | 4/11/2015 | 8:00:00 PM BIBB |  | PIo NoNo AVE |  | EISENHOWER PRWY 0 | 0 | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | South | South | Changing lanes | Changing lanes | Motor Vehicle in Motion |
| 5253389 Bibb Co Sheriff's office | 4/1/2/2015 | 10:38:00 AM BIBB |  | PIo NoNo AVE |  | EISENHOWER PKWY O | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | - Roadway litersection | Daylight | Wet | South | South | Straight | Turning Right | Motor Vehicle In Motion |
| 5258812 Bibb Co Sheriff's office | 4/20/2015 | $7: 26: 00 \mathrm{PM}$ B1BB |  | PIONONO AVE |  | EISENHOWER PKWY c | - | 2 | 0 Rear End | On Roodway - | - Non-Intersection | Daylight | Dry | North | North | Turring Left | Straight | Motor Vehicle in Motion |
| 5265101 Bibb Co Sherif's office | 4/24/2015 | 6:52:00 AM B1BB |  | MERCER UNVEESSITY D |  | PIo NoNo AVE 0 | 0 | 0 | 0 Rear End | On Roodway - | - Roadway Intersection | Daylight | Dry | Esast | East | Straight | Stopped | Motor Vehicle In Motion |
| 5278611 Bibb Co Sheriff's office | 5/6/2015 | 8:35:00 AM B1BB |  | PIoNoNO AVE |  | EISENHOWER PKWY O | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | - Roadway Intersection | Dayight | Dry | North | North | Straight | N/A | Motor Vehicile In Motion |
| 5312552 Bibb Co Sherif's office | 5/6/2015 | 3:48:00 PM BIBB | COUNTY Road | PIoNoNo AVE | 0.31 | Stralght st c | c | 1 | 0 Angle | On Roadway - | - Roadway Intersection | Daylight | Dry | South | North | Turring Left | Straight | Motor Vehicle In Motion |
| 5288177 Bibb Co Sheriff's Office | 5/3/2015 | 8:03:00 PM B1BB | state route | MERCER UNIV. DR. D1 | 12.95 | pio nono ave. ave o | 0 | 0 | 0 Angle | On Roadway - | - Roadway Intersection | Dayight | Dry | East | East | Entering/leaving | Istopped | Motor Vehicle in Motion |
| 5300887 Bibb Co Sherif's Office | 5/16/2015 | 4:59:00 PM B1BB |  | Elisenhower pkwr |  | PIo NoNo ave c | c | 2 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | West | West | Straight | stopped | Motor Vehicle In Motion |
| 5362718 Bibb Co Sheriff's office | 5/16/2015 | 10:44:00 PM BIBB | state route | mercer universtr |  | PIo NoNo AVE c | c | 2 | 0 Angle | On Roadway - | - Roadway Intersection | Darklighted | Dry | West | East | Turning left | straight | Motor Vehicle in Motion |
| ${ }_{5} 5322052$ Bibb Co Sherifit's office | 5/16/2015 | 10:46:00 PM BIBB | State route | PIo NoNo AVE | 11.97 | MERCER UNV. DR ${ }^{\text {c }}$ |  | 2 | 0 Angle | On Roadway - | - Roadway Intersection | Darklighted | Dry | West | East | Turning left | Straight |  |
| ${ }_{5}^{5312519}$ Bibib Co Sherif's Office | 5/20/2015 5/2/2015 | 4:4000 PM BIBB | STATE ROUTE STATE ROUTE | PIO NoNO PIONONO AVE | 11.18 11.18 | EIENHOWER PRWY EISENHOWER PKWY c c | c | 1 | 0 0 0 Rearar End Rend | On Roadway On Roadway - | - Roadway Intersection | Daylight Daylight | $\begin{aligned} & \text { Dry } \\ & \text { Dry } \end{aligned}$ | North | North North |  | Straight <br> [ Straight | Motor Vehicle In Motion Motor Vehicle In Motion |
| 5304112 Bibb Co Sherifi's office | 5/21/2015 | 9:48:00 AM BIB |  | EISENHOWER PRWY |  | PIo NoNo AVE B | B | 2 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | West | West | Straight | stopped | Motor Vehicle in Motion |
| 5342259 Bibb Co Sherif's office | 5/23/2015 | 10:16:00 PM B1BB | State route | Pio Nono AVE | 11.18 | EISENHOWER PKWY o | - | 0 | 0 Angle | On Roadway | - Non-Intersection | Darklighted | Dry | East | South | Entering/Leaving | saight | Motor Venicle in Motion |
| 5345357 Bibb Co Sherif's office | 5/23/2015 | 00:16:00 PM B1BB | State route | Nono ave | 1.18 | Enhower parkwaio |  | 0 | 0 Angle | On Roadway - | - Non-Intersection | DarkLighted | Dry | East | South | Entering/Leaving I |  | orvehicle In Motion |
| 5338021 Bibb Co Sherif's office | 5/29/2015 | 4:57:00 PM BIBB |  | pio nono ave |  | Anthony RD o | - | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | stopped | Straight | Motor Vehicle in Motion |
| 5310484 Bibb Co Sherif's Office | 6/1/2015 | 5:09:00 PM B1BB | State route | PIoNoNo AVE | 12.95 | MERCRR UNIVESSITV DFC |  | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Stopped | Straight | Motor Vehicle in Motion |
| 5315861 Bibb Co Sherif's' office | 6/5/2015 | 9:13:00 AM BIBB | State route | EISENHOWER PKWY | 11.18 | PIo NoNo ave o | , | 0 | 0 Rear End | On Roadwa | - Roadway Intersection | Daylight | Dry | West | West | Stopped | Straight | Motor Vehicle in Motion |
| 5325135 Bibb Co Sheriff's office | 6/6/2015 | 5:27:00 AM B1BB | state route | PIo NoNo AVE | 11.97 | MERCRR UNIVESSITY DFC |  | 2 | 0 Angle | On Roadway - | - Roadway Intersection | Darklighted | Dry | South | North | Turning Left | Straight | Motor Vehicle in Motion |
| 5319063 Bibb Co Sherift's office | 6/9/2015 | 10:58:00 PM BIBB | STATE ROUTE | EISENHOWER PARK | 12.33 | PIo NoNo AVE O | 0 | 0 | 0 Angle | On Roadway - | - Roadway Intersection | Darklighted | Dry | East | West | Straight | Turning Left | Motor Vehicle In Motion |
| 5319714 Bibb Co Sherif's office | 6/10/2015 | 7:55:00 AM B1BB | state route | mercer unversitr 1 | 12.95 | PIoNono ave 0 | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Stopped | Straight | Motor Vehicle in Motion |
| 5325012 Bibb Co Sheriff's office | 6/15/2015 | 10:13:00 AM B1BB | State route | EISENHOWER PKWY 1 | 11.18 | PIoNoNo AVE O | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Stopped | Straight | Motor Vehicicl In Motion |
| 5324056 Bibb Co Sheriff's office | 6/15/2015 | 6:37:00 AM BiBB | state route | PIoNoNo AvE | 12.95 | MERCER UNIVERISTV DFC |  | 2 | 0 Angle | On Roadway - | - Roadway Intersection | Dayilight | Dry | South | North | Turning left | Straight | Motor Vehicle in Motion |
| 5331260 Bibb Co Sherift's office | 6/19/2015 | 1:48:00 AM BIBB | state route | PIo NoNo AVE | 12.95 | MERCRR UNIVERISTV DFO |  | 0 | 0 Sideswipe-Same Direction | On Roadway - | - Roadway Intersection | Darklighted | Dry | North | None | Turring Right | Passing | Motor Vehicle In Motion |
| 5345443 Bibb Co Sheriff's office | 6/21/2015 | 8:11:00 PM BIBB | COuntr road | PIoNoNo AvE | 0.00 | ANTHONY RD C | c | 1 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | East | North | Straight | Straight | Motor Vehicle In Motion |
| 5334282 Bibb Co Sheriff's Office | 6/23/2015 | 10:29:00 PM BIBB | state route | MERCER UNIV. DR | 12.95 | Plo nono ave B | B | 1 | 0 Not A Collision with Motor Vehicle | On Roadway | - Roadway Intersection | Darklighted | Dry | East | N/A | Turning left | N/A | Pedestrian |
| 5336023 Bibb Co Sherif's office | 6/24/2015 | 8:36:00 AM BIBB | state route | MERCER UNVV (74) D 1 | 12.95 | PIo NoNo ave o | 0 | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Daylight | Dry | East | East | Stopped | Backing | Motor Vehicle in Motion |
| 5336464 Bibb Co Sherif's Office | 6/25/2015 | 11:33:00 AM BIBB | state route | Elisenhower Prwr 1 |  | PIo NoNo AVE O | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Changing lanes | Changing lanes | Motor Vehicle In Motion |
| 5362286 Bibb Co Sherift's office | 6/28/2015 | 9:03:00 PM B1BB | state route | MERCER UNIV. DR | 12.95 | PIo NoNo AVE O | 0 | 0 | 0 Rear End | On Roadway - | - Roadway Intersection | Darklighted | Dry | West | West | Straight | Straight | Motor Vehicle in Motion |
| 5344583 Bibb Co Sheriff's office | 7/2/2015 | 11:32:00 PM BIBB | countr road | PIo NoNo AVE | 0.00 | ELLST | 0 | 0 | 0 Angle | On Roadway - | - Roadway Intersection | Darklighted | Dry | South | Southeat | Straight | Turning Left | Motor Vehicle In Motion |
| ${ }_{5} 5388240$ Bibu Co Sherifit' Office | 7/1/2015 | 6:58:00 AM BIBB |  | EIISNHOWER PKWY |  | PIO NONO AVE C |  | 1 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | West | West |  | Straight Stoped | Motor Vehicle in Motion |
| ${ }_{5}^{5360950}{ }^{\text {a }}$ Bilib Co Sherif's Offitice | 7/1882015 | 2:13:00 PM BIBB | STATE ROUTE STATE ROUTE | PIO NONO AVE PIO NONO AVE | 11.18 | $\underset{\substack{\text { EISENHOWER PKWY } \\ \text { EISENHOWER PKWY } \\ 0}}{\text { o }}$ | $\bigcirc$ | 0 | ${ }^{0} 0$ Rear End | On Roadway - On Roadway - | - Roadway Intersection | Daylight Daylight | Dry Dry | South West | South West | ${ }_{\text {Straight }}^{\text {Straight }}$ | Stoped Straight | Motor Vehicle In Motion Motor Vehicle In Motion |
| 5361340 Bibb Co Sherif's office | 7/18/2015 | $11: 30: 00 \mathrm{PM}$ B1BB |  | PIoNono AVE |  | MERCER UNIVESSITY DFC |  | 1 | 0 Angle | On Roadway - | -Roadway Intersection | DarkLighted | Dry | North | South | Straight | Turning Left | Motor Vehicle in Motion |
| 5364893 Bibb Co Sheriff's office | 7/22/2015 | 1:30:00 PM BIBB |  | PIO NONO (GA HWY 24 | 247) AV | EISENHOWER IGA HWY O |  | 0 | 0 Angle | On Roadway - | - Roadway Intersection | Daylight | Dry | South | South | Turning Rie | Turring left | Motor Vehicle in Motion |
| 5368395 Bibb Co Sheriff's office | 7/24/2015 | 3:34:00 PM BIBB | STATE ROUTE | MERCER UNIV DR 1 | 12.95 | PIoNono AVE c |  | 1 | 0 Rear End | On Roadway - | - Roadway Intersection | Dayight | Dry | West | West | Straight | straight | Motor Vehicle in Motion |
| 5372115 Bibb Co Sheriff's office | 7/29/2015 | 8:38:00 AM BIBB |  | PIoNoNo AVE |  | EISENHOWER PRWY 0 | 0 | 0 | 0 S Sideswipe-Same Direction | On Roadway - | - Non-Intersection | Daylight | Dry | South | South | Straight | Changing lanes | Motor V Vhicle in Motion |
| 5372717 Bibb Co Sherifit's office | 7/29/2015 | 3:20:00 PM BIBB |  | PIONONO AVE | 11.81 | VIINGG CIR ${ }^{\text {a }}$ | c | 1 | O Rear End | On Roadway | - Roodway Intersection |  | Dry | North | North | Straight |  | Motor Vehicle In Motion |
| 5373379 Bibb Co Sherifit' Office | 7/30/2015 | 5:55:00 AM BIBB | STATE ROUTE | MERCER UNIVERSTIT 1 |  | PIo NoNo AVE O | 0 | 0 | 0 Angle | On Roadway - | - Roadwa Y intersection | DarkNot Lighted | Dry | East | West | Straight | Turning left | Motor Vehicle In Motion |


| 5374048 Bibb Co Sherifit's office | 7/30/2015 | 12:47:00 PM BIBB |  | MERCER UNIVERSITY DR | PIo NoNo AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection |  |  |  |  | Straight | Straight | Motor Vehicle In Motion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5374278 Bibb Co Sheriff's office | 7/30/2015 | 9:03:00 PM BIBB | State route | PIo NoNo AVE 11.48 | DENT St | - | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Darklighted | Dry | South | South | Straight | Straight | Motor Vehicle In Motion |
| 5380288 Bibb Co Sherifi's office | 8/4/2015 | 8:49:00 AM B1BB |  | Pronono ave | EISENHOWER PKWY | c | 1 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | None | South | stopped | Straight | Motor Vehicle In Motion |
| 5383629 Bibb Co Sheriff's office | 8/7/2015 | 4:25:00 PM BiBB | COUNTY ROAD | PIo NONO AVE 0.00 | ANTHONY RD | 0 | 0 | 0 Angle | On Roadway- | -Non-Intersection | Daylight | Dry | South | West | Straight | Turring Left | Motor Vehicle In Motion |
| 5385636 Bibb Co Sherif's' office | 8/10/2015 | 9:21:00 PM BIBB | countr road | ANTHONY RD 0.00 | pio nono ave | 0 | 0 | 0 Rear E |  | - Roadway Intersect | Darkligh | Dry | East |  |  | Turning Right | Motor Vehicle In Motion |
| 5385497 Bibb Co Sherift's office | 8/10/2015 | 11:43:00 AM B1BB | state route | MERCER UNIVERSITY 12.95 | PIoNoNo AVE | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | West | West | Stopped | Straight | Motor Vehicle In Motion |
| 5388855 Bibb Co Sheriff's office | 8/11/2015 | 2:13:00 PM BiBB | State route | EISENHOWER PRWY 11.18 | PIo NoNo ave | 0 | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | West | West | Changing Lanes | Straight | Motor Vehicle In Motion |
| 5388518 Bibb Co Sheriff's office | 8/11/2015 | 12:40:00 PM B1BB | state route | MERCER UNIVERSITY 12.95 | Pio nono ave | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | West | West | Straight | stopped | Motor Vehicle In Motion |
| 5386696 Bibb Co Sherif's office | 8/11/2015 | 3:50:00 PM B1BB | state route | MERCER UNIVERSITY 12.95 | PIoNono AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | Esast | East | Straight | Changing | Motor Vehicle In Motion |
| 5338183 Bibb Co Sheriff's office | 8/20/2015 | 8:52:00 PM BIBB |  | PIo NoNO AVE | EISENHOWER PRWY | 0 | 0 | 0 Rear End | On Roadway- | -Non-Intersection | Darklighted | Wet | South | South | Straight | Stopped | Motor Vehicle In Motion |
| 5453372 Bibb Co Sheriff's office | 8/20/2015 | 12:46:00 PM B BBB | State route | MERCCR UNVERSSITY 11.97 | PIO NONO AVE | c | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | North | North | Straight | Straight | Motor Vehicle In Motion |
| 5400091 Bibb Co Sheriff's sffice | 8/22/2015 | 11:20:00 PM B1B8 | State route | MERCER UNVERISTTY 12.95 | PIo Nono ave | c | 4 | 0 Rear End | On Roadway- | -Roadway Intersection | Darklighted | Dry | Esast | Esast | Straight | Straight | Motor Vehicle In Motion |
| 5432319 Bibb Co Sheriff's office | 8/25/2015 | 10:55:00 AM B1BB | state route | PIo NoNo AVE 11.18 | EISENHowER PKWY | c | 1 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | Southeast | Southeas | Turning Left | Turning Left | Motor Vehicle In Motion |
| 5408441 Bibb Co Sherif's office | 8/28/2015 | 2:19:00 PM BIBB |  | PIoNoNo AVE | mostey ave |  | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | South | South | Straight | Changing lanes | Motor Vehicle In Motion |
| 5419202 Bibb Co Sherif's' office | 9/2/2015 | 2:30:00 PM B1BB |  | PIo NoNo AVE | ANTHONY RD |  | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | South | South | Stopped | Straight | Motor Vehicle In Motion |
| 5414455 Bibb Co Sherif's office | 9/3/2015 | 7:09:00 PM B1BB |  | PIo NoNo AVE | EISENHOWER PKWY B | в | 1 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Dayight | Dry | South | South | Turring Right | Turning Right | Motor Vehicle In Motion |
| 5417792 Bibb Co Sherif's' office | 9/5/2015 | 6:52:00 PM B1B |  | PIo NoNo AVE | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | South | South | Stopped | Changing lanes | Motor Vehicle In Motion |
| 5416319 Bibb Co Sheriff's office | 9/5/2015 | 7:17:00 PM B1BB | state route | PIo NONO AVE 12.95 | MERCER UNIVERISTV DFO |  | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Darklighted | Dry | South | South | Straight | stopped | Motor Vehicle In Motion |
| 5458101 Bibb Co Sherif's' office | 9/12/2015 | 4:10:00 PM B1BB |  | ANTHONY ROAD RD 0.00 | pio nono ave o | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | East | East | Straight | Stopped | Parked Motor Vehicle |
| 5427625 Bibb Co Sherif's office | 9/16/2015 | 4:45:00 PM BIBB | state route | US 80E 11.18 | Pio nono Ave | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | East | East | Stopped | Straight | Motor Vehicle In Motion |
| 5429971 Bibb Co Sherif's' office | 9/19/2015 | 4:21:00 PM B1BB | state route | PIo NoNo AVE 11.97 | MERCERUNIVESSITY ORO |  | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | East | East | Straight | Changing lanes | Motor Vehicle In Motion |
| 5452538 Bibb Co Sherif's office | 9/24/2015 | 6:03:00 PM B1BB | state route | EISENHOWER PKWY 11.18 | Pio nono AVE | - | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Wet | North | South | Stopped | Turring left | Motor Vehicle In Motion |
| 5444003 Bibb Co Sheriff's office | 9/26/2015 | 4:53:00 PM B1BB | state route | PIONONO AVE 11.78 | MOSLEY AVE | c | 1 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | South | East | Straight | Turning Left | Motor Vehicle In Motion |
| 5461113 Bibb Co Sherif's office | 9/29/2015 | $8: 47: 00 \mathrm{Pm}$ B1BB | state route | PIoNoNo AVE 11.18 | EISENHOWER PRWY | - | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Darklighted | dry | South | South | straight | stopped | Motor Vehicle In Motion |
| 5455196 Bibb Co Sherif's office | 10/4/2015 | 9:37:00 AM BIBB | state route | EISENHOWER PKWY 11.18 | PIo NoNo AVE | - | 0 | 0 Sideswipe-Opposite Direction | On Roadway- | -Roadway Intersection | Darklighted | Wet | North | N/A | Straight |  | Motor Vehicle In Motion |
| 5462614 Bibb Co Sheriff's office | 10/9/2015 | 9:33:00 AM B1BB | COUNTY ROAD | PIo NoNo AVE 0.00 | ANTHONY RD | A | 1 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | North | East | Straight | Straight | Motor Vehicle In Motion |
| 5464390 Bibb Co Sherif's' office | 10/11/2015 | 3:45:00 PM B1BB | County road | PIoNoNo AVE 0.31 | Stralght st | в | 1 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | North | North | Straight | Changing Lanes | Motor Vehicle In Motion |
| 5470962 Bibb Co Sheriff's office | 10/13/2015 | 5:43:00 PM BiBB | COUNTY ROAD | ANTHONY RD 0.00 | pio nono ave oo | 0 | 0 | 0 S Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Dayight | Dry | South | South | Straight | Turning Right | Motor Vehicle In Motion |
| 5474234 Bibl Co Sherif's office | 10/19/2015 | 5:36:00 PM B1BB | State route | PIO NONO AVE 12.95 | MERCER UNVERSITY DFO |  | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | North | North | stopped | Straight | Motor Vehicle In Motion |
| 5477382 Bibb Co Sheriff's office | 10/21/2015 | 8:21:00 AM BIBB | state route | PIoNoNo AVE 11.18 | EISENHOWER PRWY O |  | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 5505191 Bibb Co Sheriff's office | 10/22/2015 | 2:50:00 PM B1BB | state route | PIONONO AVE 11.97 | MERCER UNV. DR | c | 2 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | North | South | Straight | Turning left | Motor Vehicle In Motion |
| 5482245 Bibb Co Sheriff's office | 10/23/2015 | 9:51:00 PM BIBB | countr road | PIo NoNo AVE 0.00 | ANTHONY RD | c | 1 | 0 Angle | On Roadway- | -Roadway Intersection | Darklighted | Dry | South | N/A | Straight | N/A | Motor Vehicle In Motion |
| 5487740 Bibb Co Sherif's office | 10/28/2015 | 5:56:00 PM B1BB | State route | PIONONO AVE 11.18 | EISENHOWER PKWY |  | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | North | N/A | Stopped | N/A | Motor Vehicle In Motion |
| 5493225 Bibb Co Sheriff's office | 10/29/2015 | 9:37:00 AM B1BB | state route | PIo NONO AVE 11.97 | MERCER UNIV (74) DR | - | 0 | 0 S Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | South | South | Turring left | Turning Left | Motor Vehicle In Motion |
| 5492264 Bibb Co Sherif's' office | 11/1/2015 | 1:31:00 PM BIBB | COUNTY ROAD | PIONONO AVE 0.57 | STEPHENS DR | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Wet | North | North | stopped | Straight | Motor Vehicle In Motion |
| 5501421 Bibb Co Sherif's office | 11/2/2015 | 3:18:00 PM BIBB | state route | EISENHOWER (HWY 811.18 | PIo nono ave | - | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Wet | West | West | Entering/Lea |  | Motor Vehicle In Motion |
| 5496189 Bibb Co Sherif's' office | 11/2/2015 | 12:59:00 PM B1BB | COUNTY ROAD | PIO NONO AVE 0.00 | ELST | - | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Wet | South | South | Straight | Changing Lanes | Motor Vehicle In Motion |
| 5502328 Bibb Co Sherif's' office | 11/8/2015 | 9:37:00 AM B1BB | state route | PIoNoNo AVE 12.95 | MERCER UNIVERSITY DFO |  | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Wet | North | East | Straight | Turning Left | Motor Vehicle In Motion |
| 5506062 Bibb Co Sherif's office | 11/9/2015 | 6:48:00 PM B1BB | Countr road | DENT ST 0.00 | pio nono ave o | , | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Darklighted | Wet | South | South | Straight | Turning Left | Motor Vehicle In Motion |
| 5508672 Bibb Co Sheriff's office | 11/12/2015 | 6:30:00 PM B1BB | COUNTY ROAD | ANTHONY RD 0.00 | PIo NoNo ave | c | 2 | 0 Rear End | On Roadway- | -Roadway Intersection | Darklighted | Dry | East | East | Straight | stopped | Motor Vehicle In Motion |
|  | 11/16/2015 | 2:59:00 PM B1BB | STATE ROUTE | EISENHOWER PKWY 11.18 | PIo NoNo AVE | $\stackrel{0}{0}$ | 0 | 0 o Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight Daylight | Dry | West | West | Stopped | Changing lanes | Motor Vehicte In Motion |
| 5518987 Bibb Co Sheriff's office | 11/19/2015 | 2:57:00 PM BIBB | State route | PIo NoNo AVE | Houlvst | c | 1 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | South | Northeas | Straight | Turring Left | Motor Vehicte In Motion |
| 5518942 Bibb Co Sherif's office | 11/22/2015 | 1:58:00 AM BIBB | state route | EISENHOWER PKWY 11.18 | PIo NoNo AVE |  | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Darklighted | Dry | East | West | Straight | Turring Left | Motor Vehicle In Motion |
| 5522465 Bibb Co Sheriff's office | 11/24/2015 | 7:26:00 PM BIBB | COUNTY ROAD | PIo NoNo AVE 0.00 | ELIST | 0 | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Darklighted | Dry | North | West | Straight | straight | Motor Vehicle In Motion |
| 5528880 Bibb Co Sheriff's office | 11/24/2015 | 4:44:00 PM BIBB | COUNTY ROAD | PIO NONO AVE 0.19 | CARROLIST | - | 0 | 0 Sideswipe-S | On Roadway- | -Roadway Intersection | Daylight | Dry | North | North | Changing Lanes | Straight | Motor Vehicle In Motion |
| 5533964 Bibb Co Sherif's office | 11/28/2015 | 6:03:00 PM BIBB | COUNTY ROAD | PIO NONO AVE 0.00 | Anthonr st | c | 3 | 0 Rear End | On Roadway- | -Roadway Intersection | Darklighted | Dry | North | North | Straight | stopped | Motor Vehicle In Motion |
| 5532327 Bibb Co Sheriff's office | 11/30/2015 | 2:10:00 PM BiBB | State route | MERCER UNVERSITY 12.95 | PIo NoNo AVE |  | 1 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | East | West | Enteringleaving | Istraight | Motor Vehicle In Motion |
| 5533969 Bibb Co Sheriff' office | 12/2/2015 | 3:34:00 PM B1BB | countr road | PIo NoNo AVE 0.00 | ANTHONY RD | 0 | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Wet | South | North | Turning left | Straight | Motor Vehicle In Motion |
| 5538881 Bibb Co Sheriff's office | 12/2/2015 | 5:58:00 PM B1BB | State route | PIo NONO AVE 11.86 | MOORE ST | c | 1 | 0 Angle | On Roadway- | -Roadway Intersection | Darklighted | Dry | West | North | straight | Straight | Motor Vehicle In Motion |
| 5538635 Bibb Co Sheriff's office | 12/5/2015 | 12:00:00 AM BIBB | state route | MERCER UNIVERSITY 12.95 | PIo nono ave | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | West | West | Straight | stopped | Motor Vehicle In Motion |
| 5540354 Bibb Co Sheriff's office | 12/7/2015 | 12:00:00 PM B1BB | state route | EISENHOWER PrWY 11.18 | PIoNono ave | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 5541183 Bibb Co Sheriff's office | 12/7/2015 | 6:58:00 PM B1BB | state route | PIo NONO AVE 12.95 | MERCER UNIVERSITY DFO | fo | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Darklighted | Dry | North | North | Straight | Changing lanes | Motor Vehicle In Motion |
| 5542523 Bibb Co Sheriff's office | 12/7/2015 | 6:55:00 PM BiBB | State route | PIO NONO AVE 12.95 | MERCER UNVERSITY DFO |  | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | DarkLighted | Dry | North | North | Changing Lanes | Straight | Motor Vehicle In Motion |
| 5544670 Bibb Co Sheriff's office | 12/9/2015 | 4:54:00 PM BiBB | County road | PIo NoNo AVE 0.00 | Eust | c | 1 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | East | North | Straight | Straight | Motor Vehicle In Motion |
| 5558998 Bibb Co Sheriff's office | 12/18/2015 | 11:47:00 PM BBB | State route | PIo NONO AVE 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Darklighted | Dry | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 5560441 Bibb Co Sherif's office | 12/20/2015 | 11:00:00 PM BIBB | state route | PIo NoNo AVE 11.18 | EISENHower Prwy | 0 | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Darklighted | Dry | Southeast | North | Turning left | Straight | Motor Vehicle In Motion |
| 5567738 Bibb Co Sheriff's office | 12/21/2015 | 6:06:00 PM B1BB | State route | PIo NoNo AVE | ANTHONY RD | c | 3 | 0 Rear End | On Roadway- | -Roadway Intersection | Darklighted | Dry | West | West | stopped | Stopped | Motor Vehicle In Motion |
| 5629655 Macon Police Peparatment | 12/31/2015 | 11:33:00 AM BiBB | COUNTY ROAD | PIoNONO AVE 0.00 | Moore stret c | c | 2 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Wet | None | West | Stopped | Straight | Motor Vehicle In Motion |
| 5576367 Bibb Co Sheriff's Office <br> 5628374 Macon Police Department | 1/1/2016 1/14/2016 | 12:45:00 AM BIBB 2:02:0 PM BBB | COUNTY ROAD STATE ROUTE | $\begin{array}{ll}\text { PIO NoNO AVE } & 0.00 \\ \text { PIONONO AVE }\end{array}$ | ANTHONY RD ${ }_{\text {MERCER UNVERSITY DFO }}^{\text {a }}$ |  | ${ }^{3}$ | 0 O Rear End 0 S | On Roadway- On Roadway | -Roadway Intersection | DarkLighted <br> Dayligh | Dry | North <br> South | North South | ${ }_{\text {Straight }}^{\text {Stright }}$ | Stopped <br> Turning Right | Motor Vehicle In Motion Motor Vehicle In Motion |
| 5616243 Bibb Co Sherif's office | 1/26/2016 | 1:57:00 PM BIBB | state route | PIo NONO AVE ${ }^{12.95}$ | MERCER UNIVERSITY DFO |  | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | South | South | ${ }_{\text {Straight }}$ | Changing lanes | Motor vehicicl In Motion |
| 5612031 Bibb Co Sheriff's office | 1/27/2016 | 12:46:00 AM BIBB | countr road | PIo NoNo AVE 0.00 | ELST | c | 2 | 0 Angle | On Roadway- | -Non-Intersection | Darklighted | Dry | North | South | Turring Rig | Straight | Motor Vehicle In Motion- |
| 5612961 Bibb Co Sherif's office | 1/27/2016 | 8:46:00 PM B1BB | COUNTY ROAD | PIo NoNo AVE 0.57 | STEPHENS ST | - | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Darklighted | Wet | South | South | Straight | Turring Left | Motor Vehicle In Motion |
| 5638436 Bibb Co Sheriff's office | 2/5/2016 | 2:50:00 PM B1BB | State Route | PIo NoNo AVE 11.18 | EISENHOWER PRWY c |  | 4 | 0 Rear End | On Roadway- | -Roadway Intersection | Davight | Dry | West | West | Turning left | Straight | Motor Vehicle In Motion |
| 5625734 Bibb Co Sheriff's office | 2/6/2016 | 12:59:00 AM B1BB |  | PIo NoNo AVE | EISENHOWER PkWY 0 | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Darklighted | Dry | South | South | Turning left | Turning Left | Motor Vehicle In Motion |
| 5631337 Bibb Co Sheriffs office | 2/9/2016 | 10:07:00 AM BIBB | state route | PIo NoNo AVE 11.18 | EISENHOWER PRWY O | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | North | North | stopped | Straight | Motor Vehicle In Motion |
| 5634536 Bibl Co Sheriff's office | 2/11/2016 | 8:38:00 PM BIBB | countr road | ANTHONY RD 0.00 | PIo NoNo ave | - | 1 | 0 Rear End | On Roadway- | -Roadway Intersection | Darklighted | Dry | West | N/A | stopped |  | Motor Vehicle In Motion |
| 5641293 Bibb Co Sheriff's office | 2/11/2016 | 3:49:00 PM BiBB | state route | PIO NONO AVE 11.24 | Houlvst | 0 | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | Northwest | South | Turning left | Straight | Motor Vehicle In Motion |
| 5638442 Bibb Co Sheriff's office | 2/11/2016 | 2:07:00 PM B1BB | COUNTY ROAD | PIo NoNo AVE 0.22 | CRAWFORD ST | c | 1 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | North | South | Straight | Stopped | Motor Vehicle In Motion |
| 5635353 Bibb Co Sheriff's office | 2/12/2016 | 4:07:00 PM BIBB | state route | Mercer university 11.95 | PIo NoNo ave | c | 1 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | East | None | Straight | Stopped | Motor Vehicle In Motion |
| 5692011 Bibb Co Sheriff's office | 2/16/2016 | 5:00:00 PM BiBB | state route | MERCER UNIVERSITY 11.97 | Pio NoNo | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | East | East | Straight | Straight | Motor Vehicle In Motion |
| 5649181 Bibb Co Sheriff's sffice | 2/19/2016 | 4:29:00 PM BIBB | Countr road | PIo NoNo AVE 0.00 | CATHRINE ST |  | 0 | 0 Sidesswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | North | North | Changing Lanes | Straight | Motor Vehicle In Motion |
| 5643736 Bibb Co Sherif's office | 2/20/2016 | 10:19:00 PM BIBB | State route | PIONONO AVE 11.18 | EISENHOWER PRWY O | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Darklighted | Dry | East | East | Turring left | Turning left | Motor Vehicle In Motion |
| 5651003 Bibb Co Sheriff's office | 2/20/2016 | 3:59:00 PM B1BB | State route | PIo NoNo AVE 11.18 | EISENHOWER PKWY O | 0 | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | North | West | Straight | straight | Motor Vehicle In Motion |
| 5650316 Bibl Co Sheriff's office | 2/23/2016 | 7:02:00 AM BiBB | COUNTY ROAD | PIo NoNo AVE 0.15 | Alline St |  | 1 | 0 Sidesswip-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Wet | North | North | Turning left | Passing | Motor Vehicle In Motion |
| 566224 Bibb Co Sheriff's office | 3/1/2016 | 5:48:00 PM BIBB |  | EIIENHOWER PRWY | PIO NONO AVE |  | 1 | 0 Sideswipe-Same Direction | On Roadway- | - Non-Intersection | Daylight | Dry | East | East | Changing lanes | ${ }_{\text {Straight }}$ | Motor Venicle II M Motion |
| 5658733 Bibb Co Sheriff's office | 3/2/2016 | 2:26:00 PM BIBB | State route | PIoNoNo AVE 11.18 | EISENHOWER PKWY |  | 1 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 5659160 B Bibb Co Shererifs office | 3/2/2016 | 7.32:00 PM BIBB 7.54:00 PM B1BB | COUNTY ROAD COUNTY ROAD | PIO NONO AVE PIO NONO AVE |  | c | 2 | ${ }^{0} 0$ Rear End | On Roadway- On Roadway- | -Roadway Intersection | Darklighted Darkilighted | Dry |  | South | ${ }_{\text {Straight }}^{\text {Stoped }}$ | $\underset{\text { Straight }}{\text { Stright }}$ | Motor Vehicte In M Motion Motor Vehicle In Motion |
| 5664645 Bibb Co Sherif's office | 3/7/2016 | 3:24:00 PM B1BB | state route | PIo NoNo AVE 11.18 | EISENHOWER PKWY |  | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | Northwest | North | Straight | Straight | Motor Vehicle In Motion |
| 5664656 Bibb Co Sheriff's office | 3/7/2016 | 1:24:00 PM BIBB | state route | MERCER UNIVERSITY 12.95 | PIo NoNo ave | O | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | East | East | Stopped | straight | Motor Vehicle In Motion |
| 5677044 Bibb Co Sheriff's office | 3/7/2016 | 7:55:00 AM B1BB | state route | MERCER UNIVERSITY 12.95 | PIo NoNo ave | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Dayight | Dry |  | West | Straight | Straight | Motor Vehicle In Motion |
| 5678662 Bibb Co Sheriff's office | 3/14/2016 | 11:15:00 AM BiBB | State route | PIO NONO AVE 11.18 | EISENHOWER PRWY O | 0 | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Daylight | Dry | Esast | South | Straight | Straight | Motor Vehicle In Motion |
| 5683990 Bibb Co Sherif's office | 3/21/2016 | 10:14:00 PM В1BB | state route | PIo NoNo Ave 11.18 | Eisenhower Pkwy |  | 0 | 0 Angle | On Roadway- | -Roadway Intersection | Darklighted | Dry | South | North | Turring left | Straight | Motor Vehicle In Motion |
| ${ }_{5}^{5686400}$ Bibb Co Sheriff's sffice | 3/23/2016 | 7:27:00 PM B1BB | COUNTY ROAD | PIO NONO AVE 0.00 | ANTHONY R D | $\bigcirc$ |  | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Dusk | Dry | North | North | Enteringleaving | IStraight | Motor Vehicle II Motion |
| 5693706 Bibb Co Sheriff's office | 3/24/2016 | 3:08:00 PM BiBB | COUNTY ROAD | PIO NONO AVE 0.00 | Houlyst | c | 2 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | South | South | Straight | Stopped | Motor Vehicle in Motion |
| 5693707 Bibb Co Sheriff's office | 3/24/2016 | 4:29:00 PM B1BB | COUNTY ROAD | PIO NONO AVE $\quad 0.00$ | Holly st | $\bigcirc$ | 0 | 0 Sideswipe-Same Direction | On Roadway- | -Roadway Intersection | Daylight | Dry | South | South | Changing lanes | Straight | Motor Vehicle In Motion |
| 56888740 Bibb Co Sheriffs office | 3/25/2016 | 1:05:00 PM BIBB | State route | EISENHOWER PKWY 11.18 | PIINONO AVE | - | 0 | 0 Rear End | On Roadway- | Roadway Intersection | Daylight | Dry | East | East | Straight | Straight | Motor Venicle in Motion |
| 5689277 Bibb Co Sheriff ${ }^{\text {chifice }}$ | $3 / 26 / 2016$ $4 / 1 / 2016$ | 11:07:00 AM B BBE | COUNTY ROAD STATE ROUTE | PIO NoNO AVE PIO NONO AVE |  | $\bigcirc$ | 0 | ${ }^{0} 0$ Rear End ${ }^{0}$ Rear End | On Roadway- On Roadway | -Roadway Intersection | Daylight Darklighted | Wet | ${ }_{\text {South }}^{\text {East }}$ | South North | ${ }_{\text {Straight }}^{\text {Stright }}$ | $\underset{\text { Straight }}{\text { Stright }}$ | Motor Vehicle II M Motion Motor Vehicle 1 M Motion |
| 5699570 Bibb Co Sherif's' office | 4/3/2016 | 11:45:00 AM B1BB | state route | EISENHOWER PKWY 11.18 | pio nono ave | - | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | West | West | Straight | Straight | Motor Vehicle In Motion |
| 5700506 Bibb Co Sheriff's sffice | 4/4/2016 | 10:38:00 AM BiBB | COUNTY ROAD | ANTHONY RD ${ }^{0.00}$ | PIoNoNo AVE | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | East | East | Stopped | Straight | Motor Vehicle In Motion |
| 5707756 Bibb Co Sherift's office | 4/9/2016 | 10:45:00 AM BBB | State route | EISENHOWER PKWY 11.18 | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway- | -Roadway Intersection | Daylight | Dry | East | Esast | stopped | Straight | Motor Vehicle In Motion |


| 5717224 Bibb Co Sheriff's Office | 4/11/2016 | 6:27:00 PM B1B8 | state route | EIISNHOWER PKWY 11 |  | PIo NoNo AVE | c | 2 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Turring left | straight | Motor Vehicle in Motion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5720886 Bilb Co Sheriff's Office | 4/17/2016 | 2:20:00 PM B1BB | state route | PIo NoNo AVE 11 | 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Straight | Straight | Motor Vehicie in Motion |
| 5720056 Bibb Co Sheriff's Office | 4/18/2016 | 4:13:00 PM B1BB | state route | PIo NONO AVE 11 | 11.18 | EISENHOWER PKWY | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Stopped | Straight | Motor Vehicle in Motion |
| 5729595 Bilb Co Sherift's Office | 4/20/2016 | 7:28:00 AM B1BB | COUNTY ROAD | PIo NoNo AVE 0.00 | 0.00 | VINING CIIR | c | 3 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | West | North | Turning left | Straight | Motor Vehicle In Motion |
| 5726826 Bibb Co Sheriff's Office | 4/23/2016 | 8:24:00 AM B1BB | COUNTY ROAD | Pio NoNo AVE 0.0 | 0.00 | moselev ave | - | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | South | N/A | Straight |  | Motor Vehicle in Motion |
| 5729581 Bibb Co Sheriff' Office | 4/25/2016 | 4:99:00 PM B1BB | State route | EIIENHOWER PKWY 11 | 11.18 | PIo NoNO AVE | 0 | 0 | 0 Rear End | On Roodway - | -Roadway Intersection | Daylight | Dry | West | West | Straight | Straight | Motor Vehicle in Motion |
| 5736885 Bibb Co Sheriff's Office | 4/25/2016 | 9:12:00 AM B1BB |  | MERCER UNVERSTIT DR | DR | Pio nono ave | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Straight | Stopped | Motor Vehicle in Motion |
| 5734177 Bibb Co Sherif's Office | 4/27/2016 | 4:35:00 PM B1BB | state route | pionono AVE 11 | 11.18 | EISENHOWER PkWY | c | 1 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | North | West | Straight | Turning Right | Motor Vehicle In Motion |
| 5740688 Bibb Co Sheriff's Office | 5/3/2016 | 4:17:00 PM B1BB | Countr road | ANTHONY RD 0.00 | 0.00 | PIo NoNO AVE | 0 | 0 | 0 Rear End | On Roodway - | -Roadway Intersection | Daylight | Dry | West | West | Straight | Stopped | Motor Vehicle in Motion |
| 5748226 Bibb Co Sheriff's office | 5/8/2016 | 12:13:00 PM B1BB | County road | PIONONO AVE 0.0. | 0.00 | Eust | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 5753666 Bibb Co Sheriff's Office | 5/13/2016 | 8:10:00 AM B1BB | State route | PIONONO AVE ${ }^{12}$ | 12.95 | MERCER UNIV. DR | c | 1 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | South | West | Straight | Straight | Motor Vehicle in Motion |
| 5722714 Bibb Co Sheriff's Office | 5/13/2016 | 3:47:00 PM B1BB | state route | PIo NoNo AVE ${ }^{\text {12 }}$ | 12.95 | MERCER UNIVERSITY DFC |  | 2 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | North | South | Straight | Turning Let | Motor Vehicle In Motion |
| 5754801 Bibb Co Sheriff' Office | 5/14/2016 | 1:39:00 AM BIBB | state route | PIo NoNo AVE ${ }^{12}$ | 12.95 | MERCER UNIVERSITV DFO |  | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | DarkNot Lighted | Dry | North | North | stopped | Straight | Motor Vehicle in Motion |
| 5755078 Bilb Co Sheriff's Office | 5/15/2016 | 12:07:00 PM BIBB | state route | EISENHowER PkWY 11 | 11.18 | PIo nono ave | ¢ | 1 | 0 Rear End | On Roadway - | -Roadwav Intersection | Daylight | Dry | West | West | stopped | Straight | Motor Vehicle In Motion |
| 5755074 Bibb Co Sheriff's Office | 5/21/2016 | 5:34:00 PM BIBB | state route | PIo NoNo AVE 11 | 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | stopped | Straight | Motor Vehicle in Motion |
| 5766077 Bibb Co Sheriff's Office | 5/22/2016 | 11:01:00 PM BIBB | State route | EIISNHOWER PKWY 11 | 11.18 | Plo Nono AVE | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Darkighted | Dry | West | East | Turring le | Turning Let | Motor Vehicle In Motion |
| 5769332 Bilb Co Sheriff's office | 5/22/2016 | 6:02:00 PM BIBB | COUNTY ROAD | PIoNono ave 0.cis | 0.00 | moore st | 0 | 0 | 0 Not $A$ Collision with Motor Vehicle | Off Roadway |  | Dayight | Dry | North | N/A | Straight |  | Other- -ixed Object |
| 572019 Bilb Co Sheriff's Office | 5/25/2016 | 7:25:00 AM B1BB | COUNTY RoAd | pio NoNo AVE 0.0 | 0.00 | ELIST | o | 0 | 0 Sideswipe-Same Direction | On Roodway - | -Roadway Intersection | Daylight | Dry | South | South | Straight | Changing lanes | Motor Vehicle in Motion |
| 5784394 Bibb Co Sheriff's Office | 5/292/2016 | 5:38:00 PM B1BB |  | EISENHOWER PKWY |  | PIo NoNO AVE | B | 2 | 0 Angle | On Roadway - | -Roadway Intersection | Dayight | Dry | West | South | Turning left | Turning left | Motor Vehicle In Motion |
| 5781884 Bilb Co Sherifi's Office | 5/31/2016 | 1:05:00 PM BIBB |  | ANTHONY RD |  | Pio nono ave | c | 1 | 0 Angle | On Roodway - | -Roadway Intersection | Daylight | Dry | North | East | Straight | Straight | Motor Vehicle in Motion |
| 5783052 Biib Co Sheriff's office | 6/4/2016 | 9:02:00 AM BIBB |  | PIONONO AVE |  | EISENHOWER PKWV | c | 1 | 0 Rear End | On Roadway - | Roadway Intersection | Dayight | Dry | North | N/A | stopped | straight | Motor Vehicle in Motion |
| 5786215 Bilb Co Sheriff's Office | 6/7/2016 | 11:33:00 AM BIBB |  | EISENHOWER PKWY |  | PIoNoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Stopped | Straight | Motor Vehicle in Motion |
| 5789899 Bibb Co Sheriff's Office | 6/7/2016 | 9:47:00 PM BIBB | State route | PIo NONO AVE ${ }^{12}$ | 12.33 | EIIENHOWER PARK | O | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Darklighted | Dry | South | South | Straight | straight | Motor Vehicie in Motion |
| 5791180 Bibb Co Sheriff' | 6/12/2016 | 3:52:00 PM B1BB |  | PIoNoNo AVE |  | Anthonv radl | B | 2 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | North | West | Straight | Turning Right | Motor Vehicle in Motion |
| 5800560 Bibb Co Sheriff's Office | 6/16/2016 | 10:99:00 AM BIBB | state route | VININGS CIR 11 | 11.74 | PIo NoNo AVE | c | 1 | 0 Not A Collision with Motor vehicle | On Roadway- | - Roadway Intersection | Daylight | Dry | South | West | Straight | Turning Right | Pedacycle |
| 5799936 Bibb Co Sheriff's Office | 6/18/2016 | 4:30:00 PM B1BB | County road | ANTHONY RD 1.17 | 1.17 | PIo NoNo ave | c | 1 | 0 Sideswipe-Opposite Direction | On Roodway - | -Roadway Intersection | Daylight | Dry | West | West | Turring left | Straight | Motor Vehicle In Motion |
| 5802453 Bibb Co Sheriff's Office | 6/20/2016 | 6:00:00 PM B1BB | COUNTY ROAD | PIoNONO AVE 0.00 | 0.00 | ANTHONY RD | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Straight | Changing lanes | Motor Vehicle in Motion |
| 5807381 Bibb Co Sheriff's Office | 6/22/2016 | 3:54:00 PM B1BB |  | EISENHOWER PKWY |  | Pio nono ave | - | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Dayight | Dry | West | West | Straight | Straight | Motor Vehicle In Motion |
| 5888845 Bibb Co Sheriff' Office | 6/23/2016 | 7:14:00 AM BIBB | state route | MERCER UNIVESSITY 12 | 12.95 | pio nono ave | c | 2 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | stopped | straight | Motor Vehicle In Motion |
| 5810647 Bilb Co Sheriff's Office | 6/25/2016 | 11:26:00 AM BIBB | state route | MERCER UNV. DR 11 | 11.97 | PIoNono AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | East | East | stopped | Stopped | Motor Vehicle In Motion |
| 5899149 Bibb Co Sherift's Office | 6/30/2016 | 5:17:00 PM B1BB | COUNTY ROAD | PIoNono AVE 0.5 | 0.57 | STEPHENS ST | O | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle in Motion |
| 5852043 Bibb Co Sheriff's Office | 7/19/2016 | 1:30:00 PM BIBB | state route | pio nono Ave 11 | 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Changing Lanes | stopped | Motor Vehicle In Motion |
| 5844297 Bilb Co Sheriff's Office | 7/20/2016 | 6:36:00 AM B1BB | COUNTY ROAD | PIo NoNo AVE 0.0 | 0.00 | Houlv st | c | 2 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Straight | Straight | Motor Vehicle In Motion |
| 5844928 Bilb Co Sheriff's office | 7/21/2016 | 9:45:00 AM B1BB | State route | PIONONO AVE 11 | 11.18 | EISENHOWER PRWY | c | 1 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Straight | Changing lanes | Motor Vehicle In Motion |
| 58477214 Bibb Co Sheriff's Office | 7/22/2016 | 2:56:00 PM B1BB | State route | PIo No No AVE 11 | 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Angle | On Roadway | -Roadway Intersection | Daylight | Dry |  | North |  | Straight | Motor Vehicle In Motion |
| 58661831 Bibb Co Sheriff's Office | 7/23/2016 | 10:45:00 AM BIBB | State route | PIo NoNo AVE ${ }^{11}$ | 11.18 | EISENHOWER PKWY |  |  | 0 Sideswipe-Sa | On Roadway | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Changing | Motor Vehicle In Motion |
| 5857024 Bibb Co Sheriff's Office | 7/27/2016 | 10:00:00 PM BIBB | state route | PIo NoNo AVE 11 | 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Darklighted | Dry | North | North | Straight | stopped | Motor Vehicle in Motion |
| 5887751 Bibb Co Sheriff's Office | 8/4/2016 | 3:28:00 PM BiBB | state route | PIo NONO AVE 11 | 11.18 | EISENHOWER PKWY | в | 1 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | East | North | Entering/Leaving | Istraight | Motor Vehicle In Motion |
| 5871204 Bibb Co Sheriff's Office | 8/5/2016 | 4:45:00 PM B1BB | countr road | PIo NoNo AVE 0.0 | 0.00 | dent st | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | East | South | Turning Right | Straight | Motor Vehicle in Motion |
| 5866959 Bibb Co Sheriff's Office | 8/7/2016 | 8:16:00 PM BIBB | STATE ROUTE | PIo NoNo AVE ${ }^{11}$ | 11.18 | EISENHOWER PARK | - | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Straight | Stopped | Motor Vehicle In Motion |
| 5881388 Bibb Co Sheriff's Office | 8/17/2016 | 5:41:00 PM BIBB | state route | EISENHOWER PkWY 11 | 11.18 | Pionono ave | - | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | East | East | stopped | straight | Motor Vehicle In Motion |
| 5882875 Bilb Co Sherif's Office | 8/18/2016 | 7:21:00 PM B1BB | state route | MERCER UNVERIITY 12 | 12.95 | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Stopped | Straight | Motor Vehicle in Motion |
| 58885551 Bibb Co Sheriff' Office | 8/19/2016 | 7:58:00 PM B1BB |  | MERCER UNVEESSTY/ | 164.74 | PPIO NoNo / Ga hwr 24 |  | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Dusk | Dry | East | East | Turning Right | Stopped | Motor Vehicle in Motion |
| 5886319 Bibb Co Sheriff' Office | 8/21/2016 | 7:32:00 PM B1BB | state route | MERCER UNVEESITY 12 |  | PIo NoNo ave | 0 | 0 | 0 Rear End | On Roodway - | -Roadway Intersection | Daylight | Dry | East | East | Straight | Stopped | Motor Vehicle in Motion |
| 58897322 Bibb Co Sheriff's Office | 8/29/2016 | 5:24:00 PM BIBB | COUNTY ROAD | PIoNONO AVE 0.00 | 0.00 | ANTHONY RD | 0 | 0 | 0 Rear End | On Roadway - | -Roadwav Intersection | Dayilight | Wet | South | South | stopped | straight | Motor Vehicle in Motion |
| 5898826 Bilb Co Sherifi's Office | 8/30/2016 | 3:30:00 PM BIBB | state route | MERCER UNVEESTIT 12 | 12.95 | Pio nono ave | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Changing lanes | Straight | Motor Vehicle In Motion |
| 59959377 Bibb Co Sheriff's Office | 9/6/2016 | $7: 22: 00 \mathrm{AM} \mathrm{B1BB}$ | state route | EIISENHOWER PKWY 11 | 11.18 | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Dayight | Dry | East | East | Straight | Entering/Lea | imotor Vehicle In Motion |
| 5912383 Bilb Co Sherif's Office | 9/10/2016 | 2:00:00 PM B1BB |  | PIO NoNO AD |  | EISENHOWER PkWY | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Stopped | Straight | Motor Vehicle in Motion |
| 5913558 Bilb Co Sheriff's Office | 9/12/2016 | 12:06:00 AM BIBB |  | Pio NoNo AVE |  | EISENHOWER PkWY | 0 | 0 | 0 o sideswipe-Same Direction | On Roadway - | -Roadwav Intersection | Darkighted | Wet | West | West | Turning left | Turring Left | Motor Vehicle in Motion |
| 5977161 Bibb Co Sherif's Office | 9/13/2016 | 4:13:00 PM BIBB | state route | PIoNoNo Ave 11 | 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle in Motion |
| 5921282 Bilb Co Sheriff's office | 9/15/2016 | 6:13:00 PM B1BB | state route | PIo NoNo AVE 11 | 11.97 | mercer univ. Dr | c | 9 | 0 Angle | Off Roadway |  | Dusk | Dry | East | West | Straight | Straight | Motor Vehicle In Motion |
| 59226269 Bibb Co Sheriff's Office | 9/1912016 | 4:07:00 PM BiBB | State route | EIISNHOWER PKWY 11 | 11.18 | PIoNono AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | East | East | Straight | Changing lanes | Motor Vehicle In Motion |
| 5926170 Bibb Co Sheriff's Office | 9/19/2016 | 2:20:00 PM BIBB | state route | PIoNONO AVE 11 | 11.18 | EISENHOWER PKWY | - | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Dayight | Dry | South | South | stopped | Straight | Motor Vehicle In Motion |
| 5933205 Bilb Co Sherift's office | 9/25/2016 | 11:55:00 PM BIBB | state route | PIONONO AVE 11 | 11.18 | EISENHOWER PKWY | - | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Non-Intersection | Darklighted | Dry | North | N/A | Straight | N/A | Motor Vehicle In Motion |
| 5933196 Bibb Co Sherifi's Office | 9/25/2016 | 9:49:00 PM В1BB | COUNTY ROAD | PIoNONO AVE 0.00 | 0.00 | ANTHONY RD | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | stopped | Straight | Motor Vehicle In Motion |
| 5933177 Bibb Co Sheriff's Office | 9/25/2016 | 8:51:00 PM B1BB | Countr road | PIo NoNo AVE 0.0 | 0.00 | Elust | o |  | 0 Rear End | On Roodway - | -Roadway Intersection | DarkNot Lighted | Dry | North | North | Straight | Turning Right | Motor Vehicle in Motion |
| 5940185 Bibb Co Sheriff's Office | 101/2016 | $9: 00000 \mathrm{AM} \mathrm{BIBB}$ | state route | EISENHOWER PARKW 11 | 11.18 | PIoNono AVE | - | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | East | East | Straight | Straight | Motor Vehicle in Motion |
| 5940334 Bibb Co Sheriff's Office | 101/2016 | 2:06:00 AM BIBB | state route | MERCER UNVERIITV 11 | 11.97 | PIo NoNo AVE | c | 3 | 0 Angle | On Roodway - | -Roadway Intersection | Darkighted | Dry | North | West | Straight | Straight | Motor Vehicle in Motion |
| 5944322 Bilb Co Sheriff' Office | 10/4/2016 | 10:27:00 AM BIBB | state route | PIo NoNo AVE ${ }^{12}$ | 12.33 | EISENHOWEE PARK | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Dayight | Dry | North | North | Straight | stopped | Motor Vehicle In Motion |
| 5947608 Bibb Co Sheriff's Office | 10/6/2016 | 4:03:00 PM B1BB |  | ANTHONY RD |  | PIo NoNo ave | 0 |  | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | East | East | stopped | Straight | Motor Vehicle in Motion |
| 5951512 Bibb Co Sheriff's Office | 10101/2016 | 1:50:00 PM B1BB | state route | PIo NoNo AVE 11 | 11.26 | Hollyst | - | 0 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | South | East | Straight | Turning Left | Motor Vehicle in Motion |
| 5957198 Bilb Co Sheriff's Office | 101/1/2016 | 1:44:00 PM BIBB |  | Pio NoNo AVE |  | ANTHONY RD | c | 1 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | East | South | Straight | Changing Lanes | Motor Vehicle In Motion |
| 5956331 Bibb Co Sheriff's Office | 101/1/2016 | 2:30:00 PM BIBB | state route | MERCER UNV. DR ${ }^{12}$ | 12.95 | PIoNono Ave | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | East | East | Straight | Stopped | Motor Vehicle in Motion |
| 5961148 Bilb Co Sheriff' Office | 10118/2016 | 8:18:00 AM BIBB |  | MERCER UNVERSITY DR |  | PIo NoNO AVE | c | 3 | 0 Angle | On Roadway - | -Roadway Intersection | Daylight | Dry | East | North | Straight | Turning Right | Motor Vehicle In Motion |
| 5961873 Bibb Co Sheriff's Office | 101/18/2016 | 6:23:00 PM BIBB | state route | MERCCR UNV (74) D11 | 11.97 | Pio NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | stopped | Stopped | Motor Vehicle in Motion |
| 5963808 Bibb Co Sherift's Office | 101/19/2016 | 9:30:00 AM BIBB |  | PIo NoNo AVE |  | EISENHOWER PKWY | 0 | 0 | 0 Sideswipe-Same Direction | On Roodway - | -Roadway Intersection | Daylight | Dry | South | Southwest | t stoped | Turning Left | Motor Vehicle in Motion |
| 5998575 Bibb Co Sheriff's Office | 100/2/2016 | 5:99:00 PM BIBB |  | EISENHOWER PKWY |  | Pio NoNo ave | - |  | 0 Rear End | On Roadway - | -Roadway Intersection | Dusk | Dry | South | South | Turning Left | Turning Left | Motor Vehicle in Motion |
| 5968709 Bilb Co Sheriff's office | 10/22/2016 | 7:23:00 PM B1BB | COUNTY ROAD | PIo NoNo AVE 0.0 | 0.00 | DENTST | 0 | 0 | 0 Angle | On Roadway - | -Roadway Intersection | DarkNot Lighted | Dry | South | East | Straight | Turning Left | Motor Vehicle In Motion |
| 5997426 Bibb Co Sheriff's Office | 101/26/2016 | 11:40:00 AM BIBB | State route | MERCER UNVERSITV ${ }^{12}$ | 12.95 | Pio NoNo ave | - | 0 | 0 Rear End | On Roodway - | -Non-Intersection | Daylight | Dry | East | East | Straight | Stopped | Motor Vehicle in Motion |
| 59788004 Bibb Co Sheriff's office | 10/292/2016 | 9:54:00 PM BiBB | STATE ROUTE | PIo NoNo AVE 11 | 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Darklighted | Dry | North | North | Straight | Straight | Motor Vehicle In Motion |
| 5978822 Bibb Co Sheriff's Office | 10/30/2016 | 2:30:00 PM BIBB | state route | PIONONO AVE ${ }^{12}$ | 12.95 | MERCER UNIVERSITV DFO |  | 0 | 0 Rear End | On Roodway - | -Roadway Intersection | Dayight | Dry | North | North | Straight | Straight | Motor Vehicle in Motion |
| 6004125 Bibb Co Sheriff's Office | 11/7/2016 | 11:24:00 AM BIBB | STATE ROUTE | PIo NoNo AVE ${ }^{11}$ | 11.18 | EISENHOWER PKWY | c | 1 | 0 Rear End | On Roadway - | - Non-Intersection | Daylight | Dry | South | South | Straight | Stopped | Motor Vehicle In Motion |
| 59938377 Bibb Co Sheriff's Office | 11/10/2016 | 1:29:00 PM BiBB | State route | EISENHOWER PKWV 11 | 11.18 | PIoNono AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | -Roadway Intersection | Daylight | Dry | East | East | Turring Right | Straight | Motor V Vhicle in Motion |
| 5998453 Bibb Co Sheriff's Office | 11/14/2016 | 9:52:00 AM BIBB | state route | MERCER UNVERSITY 12 | 12.95 | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | stopped | Straight | Motor Vehicle In Motion |
| 60027377 Bibb Co Sheriff's Office | 11/16/2016 | 11:20:00 PM BIBB | COUNTY ROAD | PIo NoNo AVE 0.00 | 0.00 | Anthony rd | c | 1 | 0 Angle | Off Roadway |  | Darkighted | Dry | East | West | Straight | Turning Left | Motor Vehicle in Motion |
| 6010284 Bibb Co Sherif's Office | 11/17/2016 | 10:30:00 AM BIBB | State route | PIo NoNo AVE 11 | 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Turning left | Turning Left |  |
| 6003560 Bib Co Sheriff' Office 60010354 Bibb Co Sherif's office | 111/77/2016 | 2:46:00 PM BIBB <br> 827:00 PM BIBB | Countr road STATE ROUTE | PIONONO AVE PIO NONO AVE ald | $0.00$ | ${ }_{\text {ANTHONY RD }}^{\text {EISENHOWER PKWY }}$ | - | 0 | ${ }^{0} 0$ Rear End ${ }^{\text {R Rear End }}$ | On Roadway On Roadway - | -Roadway Intersection | Daylight Darkighted del | Dry | South North | South | Stopped | straight <br> N/A | Motor Vehicle in Motion Motor vehicle In Motion |
| 6012853 Bibb Co Sherift's Office | 11/25/2016 | 6:25:00 PM B1BB |  | EISENHOWER / GA HWY | Wr 22 PkV | vpio nono/GA hwr 240 |  | 0 | 0 Sideswipe-Same Direction | On Roadway - | Roadway Intersection | Darklighted | Dry | West | West | Changing lanes | Straight | Motor Vehicle in Motion |
| 6015883 Bibb Co Sherif's Office | 11/27/2016 | 4:22:00 PM B1BB |  | Pio Nono AVE |  | EISENHOWER PkWY | - |  | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle in Motion |
| 602029 Bibb Co Sheriff's Office | 11/30/2016 | 12:48:00 PM BIBB |  | MERCER UNVEESSTY DR |  | PIo NoNo ave | 。 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Wet | East | East | Stopped | Straight | Motor Vehicle in Motion |
| 6023457 Bibb Co Sheriff's Office | 12/3/2016 | 11:58:00 AM BIBB |  | EISENHOWER PKWY |  | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | East | East | Straight | Straight | Motor Vehicle in Motion |
| 6023334 Bilb Co Sheriff's Office | 12/3/2016 | 8:02:00 AM BIBB |  | PIo NoNo AVE |  | EISENHOWER PKWY | 0 |  | 0 Angle | On Roadway - | -Roadwav Intersection | Dayilght | Dry | North | East | Straight | straight | Motor Vehicle in Motion |
| 6035815 Bibb Co Sheriff' Office | 12/5/2016 | 3:10:00 PM BiBB | State route | PIo NoNo AVE ${ }^{11}$ | 11.88 | Stralight st | 0 | 0 | 0 Sideswipe-S |  | -Roadway Intersection | Daylight | Wet | North | North | Straight | Straight | Motor Vehicle In Motion |
| ${ }^{6} 6308823$ Bibl Cos Sherif's Office | 127/72016 | 9:32:00 AM BIBB |  | MWECER UNVVERSITY D |  | PIoNono AVE | c | 1 | 0 Reare End | On Roadway- | -Roadway Intersection | Daylight | Dry | East | East | ${ }_{\text {Stopped }}$ | N/A | Motor Vehicle in Motion |
| ${ }^{6035670 ~ B i b l i b ~ C o ~ S h e r i f f ' s ~ O f f i c e ~}$ | 12/9/2016 | 5:00:00 PM BIBB 5:3000 PM BIBB | STATE ROUTE STATE ROUTE | MERCER UNIVESSITY 12 PIONONO AVE 12 | 12.95 12.95 | PIONON AVE ${ }_{\text {MERCR UNVERSITV DFC }}$ |  | 3 | ${ }_{0}^{0} 0$ Rear End | On Roadway - On Roadway - | -Roadway Intersection | Daylight Daxight | Dry | West North | N/A | Straight Straight | $\underset{\text { N/A }}{\text { Straight }}$ | Motor Vehicle In Motion Motor Vehicle In Motion |
| 6035360 Bibb Co Sherift's Office | 12/10/2016 | 11:38:00 AM BIBB | countr road | ANTHONY RD 0.00 | 0.00 | PIo NoNO AVE | c | 2 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | Esast | East | Stopped | Straight | Motor Vehicle in Motion |
| 6035575 Bibb Co Sherift's Office | 12/11/2016 | 1:08:00 AM B1BB | COUNTY ROAD | PIo Nono AVE 0.0 | 0.00 | Eust | c | 2 | 0 Rear End | On Roadway - | -Roadway Intersection | Darklighted | Dry | North | North | Straight | Straight | Motor Vehicle in Motion |
| 6037631 Bilb Co Sheriff' Office | 12/12/2016 | 3:48:00 PM B1BB | State route | PIoNoNo AVE 11 | 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Angle | On Roadway - | - Non-Intersection | Daylight | Dry | North | South | Straight | Turning Left | Motor Vehicle In Motion |
| 6037765 Bibb Co Sherif's Office | 12/12/2016 | 10:10:00 AM BIBB | State route | PIo NoNo AVE ${ }^{\text {a }} 11$ | 11.97 | MERCER UNIV (7) OR | - | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | North | North | Stopped | Changing lanes | Motor Vehicle In Motion |
| 6038826 Bilb Co Sheriff's Office |  | 12:29:00 PM BIBB | state route | EISENHOWER PKWY 11 |  | PIoNoNO AVE | c | 1 | 0 Sideswipe- | On Roadway | - Roadway Intersectio | Daylight | Wet | East | East | Straight | Changing lanes | Motor Vehicle In Motion |
| 6038967 Bilb Co Sheriff' Office | 12/13/2016 | 3:07:00 PM B1BB | state route | PIo NoNo AVE 11 | 11.18 | EISENHOWER PKWY | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Wet |  | North |  | Stopped | Motor Vehicle In Motion |


| 6043208 Bibb Co Sherift's office | 12/16/2016 | 4:01:00 PM BIBB |  | MERCER UNIVESSITY DR | PIONONO AVE | $\bigcirc$ | , | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | East | East | stopped | Straight | Motor Vehicle In Motion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6053836 Bibb Co Sherift's office | 12/20/2016 | 5:45:00 PM B1BB |  | MERCR UNIVESSTY DR | Pio nono Ave | c | 1 | 0 Angle | On Roadway - R | Roadway Intersection | Dusk | Dry | West | East | Turning Left | Straight | Motor Vehicle In Motion |
| 6098418 Bibb Co Sherif's office | 12/20/2016 | 6:20:00 PM B1BB | State route | PIo NoNo AVE 12.95 | MERCER UNIVERISTV DFO |  | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Dawn | Wet | North | Southeast | Straight | Turring left | Motor Vehicle In Motion |
| 6099696 Bibb Co Sherif's office | 12/21/2016 | 3:39:00 PM B1BB |  | EISENHOWER PKWY | PIoNoNo AVE | - | 0 | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Daylight | Dry | West | West | Straight | Turning Right | Motor Vehicle In Motion |
| 6062244 Bibb Co Sherif's office | 12/31/2016 | 7:23:00 PM B1BB | COUNTY RoAD | Plono No AVE 0.00 | MOORE ST | c | 1 | 0 Rear End | On Roadway - R | Roadway Intersection | Darkighted | Wet | South | South | Stopped | Straight | Motor Vehicle In Motion |
| 6063322 Bibb Co Sheriff's office | 1/2/2017 | 12:20:00 PM B1BB | Countr road | PIoNoNo AVE 0.19 | HARRIS ST | c | 1 | 0 Angle | On Roadway - R | Roadway Intersection | Daylight | Wet | South | South | Changing lanes | Straight | Motor Vehicle In Motion |
| 6070395 Bibb Co Sherif's office | 1/6/2017 | 6:00:00 PM BIBB |  | ANTHONY RD | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway-R | Roadway Intersection | Darkighted | Wet |  | West |  | Turning Right | Motor Vehicle In Motion |
| 6071203 Bibb Co Sherif's office | 1/7/2017 | 4:24:00 PM B1BB |  | EISENHOWER PKWY | PIo NoNo AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Davilight | Dry | West | West | Changing lanes | Straight | Motor Vehicle In Motion |
| 6075032 Bibb Co Sherif's office | 1/11/2017 | 10:07:00 AM BIBB | COUNTY ROAD | Plo NoNo AVE 0.00 | Eust | c | 3 | 0 Angle | On Roadway - R | Roadway Intersection | Daylight | Dry | Southwest | North | Turning left | Straight | Motor Vehicle In Motion |
| 6082252 Bibb Co Sheriff soffice | 1/12/2017 | 6:48:00 PM B1BB | Countr road | PIo NoNo AVE 0.00 | Eust | c | 2 | 0 sideswipe-Opposite Direction | On Roadway - R | Roadway Intersection | Darklighted | Dry | Esast | West | stopped | Turning Left | Motor Vehicle In Motion |
| 6077272 Bibb Co Sherif's office | 1/12/2017 | 1:47:00 PM B1BB | Countr road | Plo NoNo AVE 0.15 | ALINE ST | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | South | South | Straight | Straight | Motor Vehicle In Motion |
| 6079511 Bibb Co Sheriff's office | 1/15/2017 | 8:12:00 PM B1BB |  | PIo NoNo AVE | EISENHOWER PKWY | - | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Darklighted | Dry | South | West | straight | Turning left | Motor Vehicle In Motion |
| 6083882 Bibb Co Sherift's office | 1/17/2017 | 2:52:00 PM B1BB | COUNTY RoAD | Plo NoNo AVE 0.19 | HARRIS ST | 0 | 0 | 0 Rear End | On Roadway - R | -Roadway Intersection | Daylight | Dry | North | North | Straight | stopped | Motor Vehicle In Motion |
| 6086828 Bibb Co Sheriff's office | 1/188/2017 | 8:38:00 PM BIBB | State route | EISENHOWER PKWY 11.18 | PIo NoNo AVE | 0 | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Darkighted | Dry | West | North | Straight | Turring left | Motor Vehicle In Motion |
| 6087697 Bibb Co Sherif's office | 1/18/2017 | 8:32:00 PM B1BB |  | PIoNoNo AVE | ESEENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Darklighted | Dry | North | North | Straight | Straight | Motor Vehicle In Motion |
| 6085494 Bibb Co Sheriff's office | 1/19/2017 | 8:12:00 AM BIBB | state route | EIISNHOWER PKWY 11.18 | PIoNoNo AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Daylight | Dry | East | East | Straight | Changing lanes | Motor Vehicle In Motion |
| 6090145 Bibb Co Sherift's office | 1/1912017 | 12:03:00 PM BIBB | countr road | PIONONO AVE 0.00 | Eust | 0 | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Daylight | Dry | South | South | Straight | Turring left | Motor Vehicle In Motion |
| 6090535 Bibb Co Sherift's office | 1/23/2017 | 12:24:00 PM B1BB | state route | MERCER UNVVESSITY 12.95 | Pio nono ave | c | 2 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | West | West | Stopped | Straight | Motor Vehicle In Motion |
| 6100729 Bibb Co Sherift's office | 1/2920017 | 6:24:00 PM BIBB |  | PIo No No AVE | EISENHOWER PKWY | c | 1 | 0 Rear End | On Roadway - R | Roadway Intersection | Darklighted | Dry | South | N/A | stopped | N/A | Motor Vehicle In Motion |
| 6098886 Bibb Co Sherift's office | 1/30/2017 | 6:00:00 PM B1BB | state route | PIo NONO AVE 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Daylight | Dry | North | N/A | Straight | N/A | Motor Vehicle In Motion |
| 6100396 Bibb Co Sherif's office | 1/31/2017 | 4:10:00 PM BIBB | COUNTY ROAD | ANTHONY RD 0.00 | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - R | Roodway Intersection | Daylight | Dry | West | West | Straight | Stopped | Motor Vehicle In Motion |
| 6105215 Bibb Co Sherif's office | 2/3/2017 | 1:99:00 PM B1BB | COUNTY Road | PIo NoNo AVE 0.00 | ANTHONY RD | - | 0 | 0 Sideswipe-Same Direction | On Roadway - No | Non-Intersection | Daylight | Dry | South | South | Changing lanes | Straight | Motor Vehicle In Motion |
| 6106768 Bibb Co Sherif's office | 2/3/2017 | 1:12:00 PM B1BB | state route | MERCER UNVERSITY 12.95 | PIo NoNo AVE | 0 | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Daylight | Dry | North | East | Turning left | Straight | Motor Vehicle In Motion |
| 6105851 Bibb Co Sheriff's office | 2/4/2017 | 4:33:00 PM B1BB | state route | PIoNoNo AVE 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Head On | On Roadway - R | Roadway Intersection | Davilight | Dry | North | South | Changing lanes | Straight | Motor Vehicle In Motion |
| 6106773 Bibb Co Sherif's office | 2/4/2017 | 11:41:00 AM BIBB | COUNTY Road | Plo NoNo AVE 0.00 | Anthony rd | c | 1 | 0 Angle | On Roadway - | Roadway Intersection | Daylight |  | South | Southeast |  | Turning Right | Motor Vehicle In Motion |
| 6106590 Bibb Co Sherift's office | 2/5/2017 | 1:25:00 PM B1BB | state route | PIo NoNo AVE 11.18 | EISENHOWER PKWY | - | 0 | 0 o sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Daylight | Wet | North | North | Changing lanes | Straight | Motor Vehicle In Motion |
| 6107755 Bibb Co Sherif's office | 2/6/2017 | 2:88:00 PM B1BB | state route | PIo NoNo AVE 11.18 | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Dry | South | South | Straight | Stopped | Motor Vehicle In Motion |
| 6110551 Bibb Co Sheriffs office | 2/8/2017 | 8:33:00 PM BIBB | COUNTY RoAD | PIo NoNo AVE 0.00 | ELIST | 0 | 0 | 0 Sideswipe-Same Direction | On Shoulder |  | DarkNot Lighted | Dry |  | South |  | straight | Motor Vehicle In Motion |
| ${ }_{6} 61115774$ Bibb Co Sherifi's office | 2/10/2017 | 5:55:00 PM BIBB | STATE ROUTE | PIo NONO AVE ${ }^{11.18}$ | EISONHOWER PRWY | 0 | 0 | ${ }^{0} \mathrm{H}$ Head On | On Roadway - | - Non-Intersection | Daylight | Dry | North | South | Straight Straibt | Straight | Motor Vehicle in Motion |
| 6118297 Bibb Co Sheriff's office | 2/14/2017 | 9:25:00 PM B1BB | state route | PIo NONO AVE 11.18 | EISENHOWER PRWY | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Darkighted | Dry | North | North | Straight |  | Motor Vehicle In Motion |
| 6120129 Bibb Co Sherif's office | 2/15/2017 | 5:31:00 PM B1BB | countr road | PIo NoNo AVE 0.00 | Anthonl rd | в | 6 | 0 Angle | On Roadway - | Roadway Intersection | Daylight | Dry | South | West | Straight | Turning Left | Motor Vehicle In Motion |
| 6122991 Gsp Post 00 | 2/16/2017 | 5:47:00 PM B1BB | state route | PIo NoNo Avenue 11.59 | ANTHONY ROAD | A | 1 | 0 Not A Collision with Motor Vehicle | On Roadway - | -Non-Intersection | Daylight | Dry |  | West |  | Turring left | Pedestrian |
| 6122733 Bibb Co Sheriff's office | 2/188/2017 | 12:35:00 PM BIBB | COUNTY ROAD | PIo NoNO AVE | ANTHONY RD | 0 | 0 | ${ }^{0}$ Rear End | On Roodway- | Roadway Intersection | Daylight | Wet | South | South | Straight | Straight | Motor Vehicle II Motion |
| 61221577 Bibb Co Sherifit's office | 2/20/2017 | 1:39:00 PM BIBB | countr road | PIo NoNo AVE | VINING CIR | c | 1 | 0 Rear End | On Roadway - | Roadway Intersection | Darklighted | Dry | North | North | Straight | Turring Left | Motor Vehicle In Motion |
| 6127991 Bibb Co Sherift's office | 2/23/2017 | 11:02:00 AM BIBB | Countr road | PIo NoNo AVE | VIINING CIIR | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Dry | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 6149070 Bibb Co Sheriff's office | 2/24/2017 | 8:12:00 PM BIBB | countr road | PIo NoNo AVE | ANTHONY RD | c | 2 | 0 Angle | On Roadway - R | Roadway Intersection | Darklighted | Dry | North | Northea | Straight | Turning left | Motor Vehicle In Motion |
| 6135445 Bibb Co Sherif's office | 3/2/2017 | 11:25:00 AM BIBB | state route | PIoNoNo AVE | EISENHOWER PKWY | c | 1 | 0 Angle | On Roadway - | Roadway Intersection | Daylight | Dry | East | South | Turring Righ | Straight | Motor Vehicle In Motion |
| 6137392 Bibb Co Sherift's office | 3/3/2017 | 6:37:00 PM BIBB | STATE ROUTE | PIo NoNo AVE | MERCER UNVERSSITV DFO |  | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Davilight | Dry | North | North |  | Straight | Motor Vehicle In Motion |
| 6141446 Bibb Co Sherif's office | 3/4/2017 | 7:99:00 PM B1BB |  | PIO NONO/ GA HWY 247 AVE | EISENHOWER / GA-22PO |  | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Darklighted | Dry | North | North | Straight | Straight | Motor Vehicle In Motion |
| 6138111 Bibb Co Sheriff's office | 3/4/2017 | 2:47:00 PM BIBB | COUNTY ROAD | PIo NoNo AVE | ANTHONY R R | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Daylight | Dry | None | None | Straight | Changing lanes | Motor Vehicle In Motion |
| 6138890 Bibb Co Sherif's office | 3/5/2017 | 4:48:00 PM B1BB | countr road | PIo NoNo AVE 11.78 | moseley ave | 0 | 0 | 0 Angle | Off Roadway |  | Daylight | Dry | North | South | Turning left | Straight | Motor Vehicle In Motion |
| 6140298 Bibb Co Sherif's office | 3/6/2017 | 3:49:00 PM B1BB | State route | EISENHOWER PKWY | PIo NoNo ave | c | 6 | 0 S Sideswipe-Same Direction | On Roadway - | Roadway Intersection | Dayight | Dry | East | East | Turning left | Turning left | Motor Vehicle In Motion |
| 6139528 Bibb Co Sherifi's office | 3/6/2017 | 9:04:00 AM BIBB | state route | PIo NoNO AVE | EISENHOWER PRWY | 0 | 0 | 0 Angle | On Roadway - | Roadway Intersection | Daylight | Dry | East | South | Turring Left | Straight | Motor Vehicle In Motion |
| 61488011 Bibb Co Sheriff's office | 3/8/2017 | 12:45:00 PM B1BB | Countr road | PIo NoNo AVE | ANTHONY RD | 0 | 0 | 0 Angle | On Roadway - | Roadway Intersection | Daylight | Dry | North | N/A | Turning left | Straight | Motor Vehicle In Motion |
| 6150243 Bibb Co Sherift's office | 3/13/2017 | 2:04:00 PM B1BB | State route | EISENHOWER PKWY | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Dayight | Wet | East | East | Straight | Straight | Motor Vehicle In Motion |
| 6158701 Bibb Co Sheriff's office | 3/17/2017 | 7:05:00 PM B1BB | State route | PIo NoNo | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Dry | Northeast | East | Turning Right | Changing lanes | Motor Vehicle In Motion |
| 6156429 Bibb Co Sherift's office | 3/1912017 | 7:23:00 PM B1BB | State route | MERCER UNIVERISTY DR | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | West | West | Straight | Straight | Motor Vehicle In Motion |
| 6165766 Bibb Co Sheriffs office | 3/2662017 | 10:30:00 AM BIBB | State route | PIo NoNo AVE | MERCER DR | 0 |  | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Dayight | Dry | West | West | Changing lanes | Straight | Motor Vehicle In Motion |
| 61764699 Bibb Co Sherift's office | 4/3/2017 | 4:36:00 PM BIBB |  | PIo NoNo AVE | EISENHOWER PKWY | 0 | 0 | 0 Angle | On Roadway - R | -Roadway Intersection | Daylight | Wet | West | North | Turring Left | Straight | Motor Vehicle In Motion |
| 6182859 Bibb Co Sherif's office | 4/4/2017 | 2:26:00 PM B1BB |  | PIo NoNo AVE | EISENHOWER PKWY | - | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | North | North | stopped | Stopped | Motor Vehicle In Motion |
| 6189082 Bibb Co Sherif's office | 4/11/2017 | 1:40:00 PM B1BB | State route | EISENHOWER PKWY | PIo NoNo AVE | c | 1 | 0 Sideswipe-Same Direction | On Roadway - | Roadway Intersection | Daylight | Dry | Northwest | Northwest | t Turing left | Turning left | Motor Vehicle In Motion |
| 6205610 Bibb Co Sherif's office | 4/16/2017 | 1:25:00 PM BIBB | state route | EISENHOWER PKWY | PIo NoNo ave | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | East | East | Straight | Stopped | Motor Vehicle In Motion |
| 61995711 Bibb Co Sheriff's office | 4/16/2017 | 1:49:00 PM BIBB | STATE ROUTE | PIo NoNO AVE | EISENHOWER PKWY | c | 1 | 0 Rear End | On Roadway - | -Roadway Intersection | Daylight | Dry | South | South | Straight | Stopped | Motor Vehicle In Motion |
| 6195443 Bibb Co Sheriff's office | 4/16/2017 | 4:29:00 PM BIBB | state route | MERCER UNIVERSTY DR | PIo NoNo AVE | 0 | 0 | 0 Rear End | Off Roadway |  | Daylight | Dry | West | West | Straight | stopped | Motor Vehicle In Motion |
| 6202248 Bibb Co Sherif's office | 4/21/2017 | 12:04:00 PM B1BB | COUNTY Road | PIoNoNo ave | Eust | в | 1 | 0 Angle | On Roadway - | Roadway Intersection | Daylight | Dry | East | North | Straight | Straight | Motor Vehicle In Motion |
| 6202348 Bibb Co Sheriff's office | 4/21/2017 | 10:09:00 AM BIBB | COUNTY ROAD | PIO NoNo AVE | VIINGG CIR | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | North | South | Straight | stopped | Motor Vehicle In Motion |
| 6208183 Bibb Co Sherif's office | 4/26/2017 | 10:27:00 AM BIBB | state route | EISENHOWER PKWY | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Dry | East | East | Stopped | Straight | Motor Vehicle In Motion |
| 6211874 Bibb Co Sheriff's office | 4/29/2017 | 1:58:00 PM B1BB | state route | PIo NoNo AVE | MERCER UNIVERSITV DFC |  | 1 | 0 Angle | On Roadway - | Roadway Intersection | Daylight | Dry | Southwest | North | Entering/eaving IC | CChanging lanes | Motor Vehicle In Motion |
| ${ }^{6212273}$ Bibb Co Sherifi's office | 4/29/2017 | 4:46:00 PM BIBB | State route | PIo NoNo Ave | Mercer unvieksitr ofc |  | 1 | 0 Sideswip-Opposite Directio | On Roadway - | - Non-Intersection | Daylight | Dry | Southwest | Northeast | Entering/Leaving 1 | $\underset{\text { IEntering/Leaving }}{\text { Stored }}$ | Motor Vehicle in Motion |
| ${ }^{62144555}$ Bibb Co Sherifit's office | 5/1/2017 | 8:39:00 PM BIBB | State route | EISENHOWER PKWY | PIo NoNo AVE | $\bigcirc$ | 0 | 0 Rear End | On Roadway - Rosmer | Roadway Intersection | Darklighted | Dry | Esast | Esast | Straight | Stopped | Motor Vehicle In Motion |
| 6215865 Bibb Co Sherift's office | 5/1/2017 | 5:26:00 PM B1BB | COUNTY ROAD | PIo NoNo AVE | ANTHONY RD | c | 1 | 0 Rear End | On Roadway - R | -Roadway Intersection | Daylight | Dry | South | South | stopped | Straight | Motor Vehicle In Motion |
| 6219161 Bibb Co Sheriff's office | 5/4/2017 | 7:13:00 PM BIBB | state route | PIo NoNo AVE | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Wet | North | North | Straight | stopped | Motor Vehicle In Motion |
| 6231092 Bibb Co Sherif's office | 5/12/2017 | 4:16:00 PM B1BB | Countr road | PIo NoNo AVE | ANTHONY RD | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | Roadway Intersection | Daylight | Dry | South | South | Stopped | Turning Left | Parked Motor Vehicle |
| 6235338 Bibb Co Sherift's office | 5/16/2017 | 11:30:00 AM BIBB | state route | PIo NoNo AVE | EISENHOWER (80) PRWO |  |  | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Dry | North | North | stopped | Straight | Motor Vehicle In Motion |
| 6241574 Bibb Co Sherift's office | 5/20/2017 | 2:23:00 PM B1BB | state route | Pio NoNo AVE | EISENHOWER PRWY | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Wet | North | North | Entering/leaving | Istraight | Motor Vehicle In Motion |
| 6244345 Bibb Co Sheriff's office | 5/22/2017 | 9:55:00 PM B1BB |  | MERCER UNIVESSTTY DR | PIo NoNO AVE | c | 4 | 0 Angle | On Roadway - | Roadway Intersection | Darklighted | Wet | East | South | Straight | Straight | Motor Vehicle In Motion |
| 6247827 Bibb Co Sherif's office | 5/22/2017 | 8:33:00 AM B1BB |  | MERCRR UNIVESSITY DR | PIo NoNo ave | 0 | 0 | 0 Not A Collision with Motor Vehicle | On Roadway - | Roadway Intersection | Daylight | Dry | Southwest | West | Straight | Stopped | Motor Vehicle In Motion |
| 6245367 Bibb Co Sheriff's office | 5/23/2017 | 10:26:00 AM BIBB |  | EISENHOWER PKWY | PIo NoNo AVE | c | 1 | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Wet | East | East | stopped | Straight | Motor Vehicle In Motion |
| 6251481 Bibb Co Sheriff's office | 5/26/2017 | 7:51:00 PM BIBB |  | EISENHOWER PRWY | PIoNoNO AVE | 0 | 0 | 0 Rear End | On Roadway - | Roodway Intersection | Daylight | Dry | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 6251821 Bibb Co Sheriff's office | 5/27/2017 | 10:51:00 PM B1BB | State route | MERCER UNIV. DR | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Darkighted | Dry | East | N/A | stopped | N/A | Motor Vehicle In Motion |
| 6252284 Bibb Co Sherift's office | 5/28/2017 | 10:19:00 PM BIBB | COUNTY RoAD | PIo NoNo AVE | moselev ave | A | 1 | 0 Head On | On Roodway - | Roadway Intersection | Darkighted | Dry | South | North | Straight | Straight | Motor Vehicle In Motion |
| 6261789 Bibb Co Sheriff's office | 6/4/2017 | 5:26:00 PM B1BB |  | PIo NoNo AVE | EISENHOWER PKWY | o |  | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Wet | South | South | Straight | stopped | Motor Vehicle In Motion |
| 6264825 Bibb Co Sherifit's office | 6/6/2017 | 2:48:00 PM BIBB |  | PIo NoNo AVE | ANTHONY RD | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | Roadway Intersection | Daylight | Dry |  | South |  | Straight | Motor Vehicle In Motion |
| 6267935 Bibb Co Sheriff's office | 6/9/2017 | 10:05:00 AM BIBB |  | PIo NoNo AVE | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Dry | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 6270316 Bibb Co Sherif's office | 6/9/2017 | 9:55:00 PM B1BB | STATE ROUTE | PIo NoNo AVE | CRAWFORD ST | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Darklighted | Dry | South | South | Straight | Turning left | Motor Vehicle In Motion |
| 6279360 Bibb Co Sherif's office | 6/19/2017 | 11:00:00 AM BIBB |  | PIo NoNo AVE | anthony rd | c | 2 | 0 Rear End | On Roadway - | Rooaway Intersection | Daylight | Dry | North | North | Making U-turn | straight | Motor Vehicle In Motion |
| 6281311 Bib Co Sherif's office | 6/20/2017 | 6:03:00 PM BIBB |  | PIo NoNo AVE | EISENHOWER PKWY |  | 0 | 0 Rear End | On Roadway - | Non-Intersection | Daylight | Wet | South | South | stopped | Straight | Motor Vehicle In Motion |
| 6304676 Bibb Co Sherifts office | 7/5/2017 | 6:00:00 PM BIBB | State route | MERCER UNVEESSITY DR | PIo NoNO AVE |  | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Dusk | Dry | East | East | Other | Other | Motor Vehicle In Motion |
| 6302341 Bibb Co Sherif's office | 7/7/2017 | 2:24:00 PM B1BB | state route | PIo NoNo AVE | Anthony Rd | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - | Roadway Intersection | Daylight | Dry | South | South | Turring Right | Straight | Motor Vehicle In Motion |
| 6307381 Bibb Co Sheriff's office | 7/12/2017 | 6:02:00 PM B1BB | state route | MERCER UNIVERSITY DR | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Dry | North | North | Turning Right | Turning Righ | Motor Vehicle In Motion |
| 63713555 Bibb Co Co Sherif's'sofice | 7/21/2017 | 1:40:00 PM BIBB | state route | PIo NoNo AVE | MERCCRR UIVEESSITY DFO |  | 0 | 0 Angle | On Roadway- | Roadway Intersection | Daylight | Dry | East | North | Turring left | Stopped | Motor Vehicle In Motion |
| 6330911 Bibb Co Sheriff's office | 7/28/2017 | 6:44:00 PM BIBB | COUNTY RoAd | PIo NoNo ave | MOORE ST | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Dawn | Wet | South | South | Straight | Straight | Motor Vehicle In Motion |
| 6330259 Bibb Co Sherif's office | 7/30/2017 | 12:00:00 AM BIBB | state route | PIo NoNo ave | EISENHOWER PKWY | c | 1 | 0 Angle | On Roodway - | Roadway Intersection | DarkLighted | Dry | North | South | Turning Left | Straight | Motor Vehicle In Motion |
| 6334375 Bibb Co Sheriff's office | 8/1/2017 | 8:44:00 PM BIBB | countr road | pio nono | ANTHONY RD | - | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Dusk | Dry | West | West | Straight | stopped | Motor Vehicle In Motion |
| ${ }_{6} 63221212$ Bibb Co Sherifi's office | 8/4/1/2017 | 12:47:00 PM В1BB | STATE ROUTE | EIIENHOWER PrWY | PIo NoNO AVE | 0 |  | 0 Rear End | On Roadway- | Roadway Intersection | Daylight | Dry | South | South | Turning left | Straight | Motor Vehicle II Motion |
| ${ }^{6344950}$ Bibb Co Sheriff's office | 8/7/2017 | 6:16:00 PM BIBB | State route | PIo NoNo AVE | moseley ave | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Dry | South | South | stopped | Straight | Motor Vehicle In Motion |
| 6351278 Bibb Co Sheriff's office | 8/11/2017 | 9:19:00 AM BIBB | State route | MERCER UNVEESSITY DR | PIo NoNO AVE | 0 | 0 | 0 Rear End | On Roadway - | Roadway Intersection | Daylight | Dry | East | East | Stopped | Straight | Motor Vehicle In Motion |
| 6382824 Bibb Co Sheriff's office | 8/12/2017 | 12:00:00 AM BIBB | State route | MERCER UNVEESSTTY DR | Pio nono ave | 0 | 0 | 0 Angle | On Roadway - | Roadway Intersection | Dayight | Dry | West | East | straight | Turring left | Motor Vehicle In Motion |
| ${ }_{6} 6357610$ Bibb Co Sherifi's office | 8/16/2017 | 3:15:00 PM BIBB | STATE ROUTE | Mercer unversitr or | PIo NoNO AVE |  | 0 | 0 Angle | On Roadway - | Roadway Intersection | Daylight | Dry | West | North | Enterin/Leaving | IStraight | Motor Vehicle in Motion |
| ${ }_{63663042}^{632}$ Bibb Co So Senerif's Offitice | 8/20/2017 $8 / 2 / 2017$ | 11:32:00 AM BIBB 12:3:00 PM BBB | STATE ROUTE STATE ROUTE | PIO NONO AVE EISENOWER PKWY | EISENHOWER PRWY PIINONO AVE | o | 1 | ${ }_{0}^{0} 0$ Angle ${ }^{\text {Rear End }}$ | On Roadway - On Roadway - | -Roadway Intersection | Daylight Dayight | Dry | ${ }_{\text {Nast }}^{\substack{\text { North }}}$ | Southeast East l | Straight Stright | $\stackrel{\text { N/A }}{\text { Stopeed }}$ | Motor Vehicle II Motion Motor Vehicle In Motion |
| 6375291 Bibb Co Cosherift's office | 8/31/2017 | 1:47:00 PM BIBB | State route | PIo NoNo AVE | ANTHONY RD | - | 0 | 0 Angle | On Roadway - | Roadway Intersection | Daylight | Wet | North | West | Stopped | Turning left | Motor Vehicide In Motion |
|  | 2017 | 速 |  | PIo NoNo AVE | Rkisst | 0 | 0 | Angle | Rro | adwa | Davight | Dry | South | South | Turning Right s | Straight | Motor Vehicle In Motion |


| 6384280 Bibb Co Sherift's office | 9/7/2017 | 2:24:00 PM B18B | State route | PIo nono ave | MERCER UNVEESSIT D |  | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | East | East | Stopped | Backing | Motor Vehicle In Motion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6389896 Bibb Co Sherifi's office | 9/8/2017 | 2:53:00 PM B18B | Countr road | pio nono ave | ANTHONY RD | $\bigcirc$ | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | South | South | Stopped | Straight | Motor Vehicle In Motion |
| 63866126 Bibb Co Sherift's office | 9/8/2017 | 12:00:00 AM 1188 | state route | PIoNono ave | MERCER UNVERSITY | - | 0 | 0 Rear End | On Roadway - Did | Driveway Intersection | Darkighted | Dry | South | South | Straight | Stopped | Motor Vehicle In Motion |
| 6393802 Bibb Co Sherif't' office | 9/12/2017 | 2:11:00 PM B1BB | State route | PIo NoNo AVE | Elisenhower Prwy | 0 | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Daylight | Dry | Northeast | Northeat | Turning left | Turring left | Motor Vehicle In Motion |
| 6394177 Bibb Co Sherif's office | 9/15/2017 | 10:50:00 PM BIBB | State route | PIo NoNo ave | ELST | 0 | 0 | 0 Angle | On Roadway - Did | Driveway Intersection | Darklighte | Dry | North | West | Changing lanes | Turning Right | Motor Vehicle In Motion |
| 6335135 Bibb Co Sherift's office | 9/17/2017 | 12:00:00 AM B18B | RAMP | MERCER UNIVERSITY RP | PIo NoNo AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Daylight | Dry | North | North | Turning Right | Turning Left | Motor Vehicie In Motion |
| 6403325 Bibb Co Sherif's office | 9/21/2017 | 7:25:00 AM B188 | State route | EISENHOWER PKWY | Pio Nono AVE | c | 1 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 641194 Bibb Co Sherif's office | 9/29/2017 | 5:28:00 PM В18B | State route | PIo NoNo AVE | MERCER UNVEESITI D | fo | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | South | South | Straight | Stopped | Parked Motor Vehicle |
| 6413320 Bibb Co Sherif's office | 10/2/2017 | 4:32:00 PM B1BB | State route | PIo NoNo AVE | EISENHOWER PkWr | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Daylight | Dry | North | North | Changing lanes | Straight | Motor Vehicle In Motion |
| 6427888 Bibb Co Sherif's office | 1013/2017 | 8:44:00 PM B18B | State route | mercer univesity | PIo NoNo AVE | c | 2 | 0 Angle | On Roadway - Did | Driveway Intersection | Darkighted | Dry | North | South | Turning left | Straight | Motor Vehicle In Motion |
| 64344594 Bibb Co Sherift's office | 101/18/2017 | 10:30:00 PM B18B | State route | mercer unversitr | PIo NoNo ave | B | 2 | 0 Angle | On Roadway - R | Roadway Intersection | Darkighted | Dry | South | North | Turning left | Straight | Motor Vehicle in Motion |
| 6438705 Bibb Co Sherif's Office | 10/19/2017 | 4:03:00 PM B1BB | State route | PIo NoNo AVE | Elisenhower prwr | - | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | North | North | Straight | Straight | Motor Vehicle In Motion |
| 6435046 Bibb Co Sherif's office | 101912017 | 5:02:00 PM B1BB | State route | PIo NoNo AVE | Stralght st | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | South | South | stopped | Straight | Motor Vehicle In Motion |
| 64346005 Bibb Co Sherifi's office | 10/20/2017 | 12:09:00 AM BIBB | State route | PIo NoNO AVE | EISENHOWER HWY | 0 | 0 | 0 Rear End | On Roadway - Ras | Roodway Intersection | DarkLighted | Dry | North | N/A | Stopped | Straight | Motor Vehicle In Motion |
| 6437854 Bibb Co Sheriff's office | 10/21/2017 | 9:36:00 PM В18B | State route | PIo NoNo AVE | Elisentower pkwr | 0 | 0 | 0 S Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Darkighted | Dry | West | West | Changing lanes | Stopped | Motor Vehicle In Motion |
| 6439033 Bibb Co Sherif's office | 101/23/2017 | 2:08:00 PM B1BB | state route | PIo NoNo ave | Elisenhower Prwy | - | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Wet | North | North | Straight | stopped | Motor Vehicle In Motion |
| 64477353 Bibb Co Sherif's office | 10127/2017 | 3:57:00 PM B1BB | state route | PIo NoNo ave | Elisenhower prwy | c | 1 | 0 Angle | On Roadway - Did | Driveway Intersection | Daylight | Dry | North | South | Turning left | Straight | Motor Vehicle In Motion |
| 6459277 Bibb Co Sherif's office | 11/5/2017 | 10:29:00 AM B1BB | State route | PIo NoNo ave | Elisenhower prwr | - | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 6459514 Bibb Co Sherifi's office | 11/5/2017 | 2:05:00 PM B18B | State route | PIo NoNo ave | STEPHENS ST | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 6460743 Bibb Co Sheriff's Office | 11/6/2017 | 8:34:00 AM BIBB | State route | MERCER UNVEESITY DR | PIO NoNO AVE | $\bigcirc$ | 0 | 0 Rear End | On Roadway - Ras | Roadway Intersection | Daylight | Dry | Esast | West | Stopped | Backing | Motor Vehicle In Motion |
| 6448807 Bibb Co Sherift's office | 11/11/2017 | 3:11:00 PM B188 | Countr road | Pio nono ave | ANTHONY RD | c | 1 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | South | South | Stopped | Straight | Motor Vehicle In Motion |
| 6474080 Gsp Post 00 | 11/14/2017 | 1:51:00 PM B18B | state route | EISENHower Parkw 0.00 | pio nono avenue | A | 1 | 0 Angle | On Roadway - | Non-Intersection | Daylight | Dry | South | East | Straight | Turning left | Motor Vehicle In Motion |
| 64892988 Bibb Co Sherift's office | 11/14/2017 | 4:07:00 PM BIBB | State route | PIo NoNO AVE | EISENHOWER PKWY | c | 3 | 0 Angle | On Roadway - Did | Drivewav Intersection | Dayight | Dry | South | North | Turning Left | straight | Motor Vehicle In Motion |
| 6473944 Gsp Post 00 | 11/14/2017 | 1:15:00 PM B18B | State route | PIO NoNo AVE 0.00 | 100 FT S OF EISENHOW |  | 1 | 0 Rear End | On Roadway - Nod | Non-ntersection | Daylight | Dry | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 6483315 Bibb Co Sheriff's office | 11/14/2017 | 12:52:00 PM B1BB | state route | PIo NoNo ave | CRAWFORD ST | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Dayight | Dry | South | South | stopped | stopped | Motor Vehicle In Motion |
| 6478332 Bibb Co Sherif's Office | 11/16/2017 | 3:08:00 PM B18B | state route | PIo NoNo AVE | ANTHONY RD | 0 | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Daylight | Dry | South | Northwes | Straight | Turning left | Motor Vehicle In Motion |
| 6485389 Bibb Co Sheriff's Office | 11/16/2017 | 8:04:00 PM BIBB | State route | PIo NoNO AVE | MERCER UNVEESITI D | fo | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Darklighted | Dry | South | N/A | Straight | Parked | Motor Vehicle In Motion |
| 6480986 Bibb Co Sherif's office | 11/20/2017 | 1:01:00 PM B18B | State route | EISENHowER PKWY | PIo nono ave | c | 2 | 0 Rear End | On Roadway - R | -Roadway Intersection | Daylight | Dry | East | East | Straight | Stopped | Motor Vehicle In Motion |
| 6480988 Bibb Co Sherif's office | 11/20/2017 | 5:53:00 PM B1BB | State route | PIo NoNo AVE | Hourst | c | 1 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | North | North | Straight | stopped | Motor Vehicle In Motion |
| 6486096 Bibb Co Sherif's office | 11/25/2017 | 4:15:00 PM B1BB | state route | MERCER UNIVERSTY DR | PIO NONO AVE | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | West | West | Straight | Stopped | Motor Vehicle In Motion |
| 6489777 Bibb Co Sherif's office | 11/28/2017 | 3:56:00 PM B18B | state route | PIo NoNo ave | Anthonl rd | c | 1 | 0 S Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Daylight | Dry | South | South | Changing lanes | Straight | Motor Vehicle In Motion |
| 6489991 Bibb Co Sherifi's office | 11/28/2017 | 2:44:00 PM B1BB | COUNTY Road | PIo Nono ave | MOORE ST | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Daylight | Dry | North | North | Straight | Changing La | Motor Vehicle In Motion |
| 6498541 Bibb Co Sherift's office | 11/30/2017 | 6:20:00 PM B1B8 | State route | EIIENHOWER PRWY | PIo NoNo AVE | - | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | East | East | Stopped | Straight | Motor Vehicle In Motion |
| 6497267 Bibb Co Sheriff's office | 11/30/2017 | 9:19:00 AM BIBB | State route | PIo NoNo AVE | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - R | Roodway Intersection | Daylight | Dry | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 6495404 Bibb Co Sherift's office | 12/1/2017 | 5:17:00 PM B18B | State route | EISENHOWER PKWY | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | West | West | Stopped | Stright | Motor Vehicie In Motion |
| 6516589 Bibb Co Sherif's office | 12/2/2017 | 10:27:00 PM B1BB | state route | PIo NoNo AVE | Anthony rd | - |  | 0 Rear End | On Roadway - R | Roadway Intersection | Darklighted | Dry | South | South | Turring Right | Straight | Motor Vehicle In Motion |
| 6500775 Bibb Co Sherift's office | 12/5/2017 | 11:50:00 AM B18B | State route | pio nono ave | Elisentower prwy | c | 3 | 0 Angle | On Roadway - Dod | Driveway Intersection | Daylight | Dry | West | South | Straight | Turring left | Motor Vehicle In Motion |
| 6507043 Bibb Co Sherif's office | 12/9/2017 | 7:31:00 PM B1BB | state route | MERCER UNVERSITY OR | PIo NoNo Ln | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - Now | Non-Intersection | Darkighted | Dry | West | West | Straight | Changing lanes | Motor Vehicle In Motion |
| 6521000 Bibb Co Sherif's office | 122/18/2017 | 6:48:00 PM B1B8 | State route | ANTHONY RD | PIo nono ave | - | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Darkighted | Dry | East | None | Straight | Straight | Motor Vehicle In Motion |
| 6524818 Bibb Co Sherift's office | 12/21/2017 | 8:06:00 PM B1BB | state route | PIo NoNO AVE | Elisentower pkwr | 0 | 0 | 0 Rear End | On Roadway - R | -Roadway Intersection | Darklighted | Dry | North | North | Straight | Straight | Motor Vehicle In Motion |
| 6526494 Bibb Co Sherif's office | 12/22/2017 | 4:09:00 PM B18B | State route | Pio NoNo AVE | Hourst | - | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Daylight | Dry | East | South | Turning Left | Straight | Motor Vehicle In Motion |
| 6531527 Bibb Co Sherif's office | 12/27/2017 | 6:45:00 PM BIBB |  | ANTHONY RD | PIo NoNo AVE | - | 0 | 0 Rear End | On Roadway - Did | Driveway Intersection | Darkighted | Dry | East | East | stopped | Straight | Motor Vehicle In Motion |
| 6544995 Bibb Co Sheriff's office | 1/3/2018 | 5:22:00 PM BIBB | State route | MERCER UNVERSSTY DR | PIo NoNo AVE | B | 2 | 0 Angle | On Roadway - Did | -riveway Intersection | Daylight | Dry | South | East | Straight | Straight | Motor Vehicle In Motion |
| 6542294 Bibb Co Sherif's office | 1/6/2018 | 6:56:00 PM B1BB | State route | PIo NoNo AVE | Eust | 0 | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Darklighted | Dry | North | Southeast | Straight | Turning Left | Motor Vehicle In Motion |
| 6543789 Bibb Co Sherif's office | 1/9/2018 | 7:59:00 AM B18B | state route | MERCER UNIVERSITY DR | PIo NoNo AVE | c | 1 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Wet | West | West | Stopped | Straight | Motor Vehicle In Motion |
| 6550536 Bibb Co Sherif's Office | 1/11/2018 | 1:54:00 PM B1BB | state route | Allin st | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Wet | North | North | Stopped | Straight | Motor Vehicle In Motion |
| 6550246 Bibb Co Sherif's office | 1/11/2018 | 12:19:00 PM BIBB | COUNTY Road | PIo NoNO AVE | moselev ave | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Wet |  | North |  | Turring left | Motor Vehicle In Motion |
| 6551959 Bibb Co Sherif's office | 1/12/2018 | 1:50:00 PM B1BB | County road | PIo NoNo ave | moore st | - | 0 | 0 Angle | On Roadway - No | Non-Intersection | Daylight | Wet | North | West | Straight | Turning Right | Motor Vehicle In Motion |
| 6556513 Bibb Co Sherift's office | 1/17/2018 | 11:12:00 AM BIBB | state route | EISENHOWER PKWY | Pio nono ave | - | 0 | 0 Sideswipe-Same Direction | On Roadway - ${ }^{\text {d }}$ | Non-n-ntersection | Daylight | Slush |  | East |  | Straight | Motor Vehicie In Motion |
| 65577098 Bibb Co Sherif's office | 1/17/2018 | 11:12:00 AM BIBB | state route | EISENHOWER PKWY | pio nono ave | - | 0 | 0 Rear End | On Roadway - | Non-Intersection | Daylight | Slush | East | East | Straight | Straight | Motor Vehicle In Motion |
| 6566758 Bibb Co Sherif's office | 1/25/2018 | 12:31:00 PM B1BB | state route | PIo NoNo AVE | ANTHONY RD | A |  | 0 Rear End | On Roadway - Did | Driveway Intersection | Daylight | Dry | North | None | Straight | stopped | Motor Vehicle In Motion |
| 6580926 Bibb Co Sherif's office | 1/27/2018 | 7:13:00 PM B1BB | state route | EIIENHOWER PKWY | PIo NoNo AVE | - | 0 | 0 Rear End | On Roadway - | Non-Intersection | Darklighted | Dry | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 6569243 Bibb Co Sheriff's office | 1/28/2018 | 1:14:00 PM BIBB | state route | PIo NoNo ave | EIISENHOWER PKWY | c | 2 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Wet | Northeast | Northeast | Straight | stopped | Motor Vehicle In Motion |
| 6568992 Bibb Co Sherift's office | 1/28/2018 | 3:11:00 AM BIBB | state route | Pio nono ave | MERCER UNVEERSITY | dfo | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Darklighted | Wet | West | North | Straight | Straight | Motor Vehicle In Motion |
| 6573915 Bibb Co Sherif's office | 1/31/2018 | 3:53:00 PM B1BB | state route | MERCER UNVERSITY OR | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | West | West | stopped | Straight | Motor Vehicle In Motion |
| 6583356 Bibb Co Sheriff's office | 2/7/2018 | 7:06:00 AM BIBB | state route | EISENHOWER PKWY | PIo NoNo AVE | c | 1 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Wet | North | North | Straight | Stopped | Motor Vehicle In Motion |
| 6584681 Bibb Co Sherift's office | 2/8/2018 | 8:26:00 PM B1BB | State route | PIo NoNo AVE | ANTHONY RD | 0 | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Darkighted | Dry | South | West | Straight | Straight | Motor Vehicie In Motion |
| 6587708 Bibb Co Sherif's office | 2/10/2018 | 8:50:00 PM B1BB | State route | MERCER UNIVERSTY DR | PIo NoNo AVE | 0 | 0 | 0 Sideswip-Same Direction | On Roadway - R | Roadway Intersection | Darkighted | Dry | West | West | Changing lanes | Straight | Motor Vehicle In Motion |
| 6596955 Bibb Co Sherift's Office | 2/17/2018 | 1:08:00 AM BiBB | State route | EIIENHOWER PKWY | PIo NoNo AVE | - | 0 | 0 Sidesswipe-Same Direction | On Roadway - Nown | Non-Intersection | Darkkighted | Dry | East | East | Changing lanes | straight | Motor Vehicle In Motion |
| 6597167 Bibb Co Sheriff's office | 2/17/2018 | 6:53:00 PM BIBB | State route | PIo NoNO AVE | Stralght st | c | 2 | 0 Rear End | On Roadway - | Non-Intersection | DarkNot Lighted | Dry | South | South | Straight | Straight | Motor Vehicle In Motion |
| 6598564 Bibb Co Sherif's office | 2/20/2018 | 10:08:00 AM BIBB | state route | MERCER UNVEESSTTY OR | PIo NoNo ave | 0 | 0 | 0 Rear End | On Roadway - No | Non-Intersection | Daylight | Dry | East | East | Stopped | Other | Motor Vehicle In Motion |
| 6610182 Bibb Co Sherif's office | 2/24/2018 | 10:59:00 PM B1BB | state route | PIo NoNo ave | Elisenhower prwy | - | 0 | 0 Sideswip-Same Direction | On Roadway - No | Non-Intersection | Darkighted | Dry | North | North | Changing lanes | Straight | Motor Vehicle In Motion |
| 6609053 Bibb Co Sherifit' Office | 2/24/2018 | 3:32:00 PM BIBB | State route | PIO NONO AVE | ANTHONY RD | c | 1 | 0 Angle | On Roadway - | Non-Intersection | Daylight | Dry | North | South | Straight | Turning left | Motor Vehicle In Motion |
| 6609392 Bibb Co Sherifit' Office | 2/25/2018 | 2:15:00 AM BIBB | State route | EISENHOWER PRWY | PIo NoNO AVE | - | 0 | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Darklighted | Dry |  | West |  | Straight | Motor Vehicle In Motion |
| 6612736 Bibb Co Sherif's office | 2/26/2018 | 2:06:00 PM B1BB | state route | EISENHOWER PKWY | PIo NoNo ave | c | 1 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | East | East | Straight | stopped | Other-Fixed object |
| 6612979 Bibb Co Sherift's office | 2/27/2018 | 9:33:00 AM BIBB | state route | EISENHOWER PKWY | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - R | -Roadway Intersection | Dayight | Dry | South | None | Changing lanes | stopped | Motor Vehicle In Motion |
| 6616764 Bibb Co Sherif's office | 3/1/2018 | 11:29:00 PM BIBB |  | EISENHOWER PKWY | Pio nono ave | 0 | 0 | 0 Sideswipe-Opposite Direction | On Roadway - R | Roadway Intersection | Darkighted | Wet |  | South |  | Turning left | Motor Vehicle In Motion |
| 6616759 Bibb Co Sherif's office | 3/1/2018 | 11:40:00 PM B1BB | State route | PIo NoNo AVE | Elisenhower prwy | 0 | 0 | 0 Head On | On Roadway - Ras | Roadway Intersection | Darklighted | Wet | South | North | Turning left |  | Motor Vehicle In Motion |
| 6660832 Bibb Co Sheriff's office | 3/1/2018 | 11:29:00 PM B BBB | state route | PIo NoNo ave | Elisentower pkwr | 0 | 0 | 0 Sideswipe-Opposite Direction | On Roadway - R | Roadway Intersection | Darkkighted | Dry |  | South |  | Turring left |  |
| 6618970 Bibb Co Sherif's office | 3/3/2018 | 4:36:00 PM BIBB | state route | PIo NoNo AVE | Eust | c | 3 | 0 Angle | On Roadway - D | Driveway Intersection | Daylight | Dry | North | Northwes | Entering/Leavin | IEntering/Leaving | emotor Vehicle in Motion |
| 6618883 Bibb Co Sherift's office | 3/3/2018 | 7:34:00 PM BiBB | State route | PIo NoNo AVE | Eust | 0 | 0 | 0 Angle | On Roadway - No | Non-n-ntersection | Darklighted | Dry | North | North | Turring left | Straight | Motor Vehicte In Motion |
| 6621050 Bibb Co Sherif's office | 3/5/2018 | 3:99:00 PM B1BB | state route | pio NoNo AVE | EISENHOWER PKWY | 0 | 0 | 0 Rear End | On Roadway - Nown | Non-Intersection | Daylight | Dry | South | South | Stopped | Turning Right | Motor Vehicle In Motion |
| 6622275 Bibb Co Sherif's office | 3/6/2018 | 2:36:00 PM B1BB | state route | ANTHONY RD | PIo NoNo AVE | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | West | West | stopped | Turning left | Motor Vehicle In Motion |
| 6623677 Bibb Co Sheriff's office | 3/7/2018 | 2:10:00 PM BBB | State route | PIo NoNO AVE | Houlvst | 0 | 0 | 0 Angle | On Roadway - Did | -riveway Intersection | Daylight | Dry | East | South | Turing Left | Changing tanes | Motor Vehicle In Motion |
| 6636774 Bibb Co Sherif's office | 3/16/2018 | 10:14:00 AM BIBB | State route | PIo NoNo AVE | EISENHOWER HWY | 0 | , | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | West | West | Stopped | Straight | Motor Vehicle In Motion |
| 6639937 Bibb Co Sherif's office | 3/20/2018 | 5:00:00 PM B1BB | state route | PIo NoNo AVE | ANTHONY RD | 0 | 0 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | West | West | Straight | Stopped | Motor Vehicle In Motion |
| 6646554 Bibb Co Sherif's office | 3/24/2018 | 11:29:00 PM B1BB | State route | Pio NoNo ave | MERCER UNVEESSITY D |  | 0 | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Darklighted | Dry |  | North |  | Straight | Motor Vehicle In Motion |
| 6651975 Bibb Co Sherift's office | 3/25/2018 | 2:33:00 AM B1BB | State route | PIo Nono ave | MERCER UNVVERSITY D |  |  | 0 Angle | On Roadway - Do | Driveway Intersection | Darkighted | Wet | East | North | Straight | Turning Right | Motor Vehicle In Motion |
| 66467588 Bibb Co Sherif's office | 3/25/2018 | 1:30:00 PM BIBB | state route | PIo NoNo ave | moselev ave | - | 0 | 0 Rear End | On Roadway - No | Non-Intersection | Daylight | Wet | North | North | Straight | Straight | Motor Vehicle In Motion |
| ${ }_{6} 6555558$ Bibb Co Sherifit's office | 3/3012018 | 3:13:00 PM BIBB | STATE ROUTE | PIo NoNO AVE |  | c |  | 0 Sideswip.Same Direction | On Roadway - R |  |  | Dry | South |  | Straight |  |  |
|  | 4/2/2018 | 10:34:00 PM BIBB 9:55:00 PM BBB | STATE ROUTE STATE ROUTE | PIO NoNo AVE PIo NoNO AVE | EISENHOWER PRWY | $\bigcirc$ | 0 | ${ }_{0} 0$ Sideswip-Same Direction | On Roadway - Ras | Roadway Intersection | DarkLighted Darklighted | Dry | East | South | Turning Right | Stopped Straigh | Motor Vehicl II II Motion Motor Vehicle In Motion |
| 6664333 Bibb Co Sherifit' office | 4/8/2018 | 1:25:00 AM B1BB | state route | MERCER UNIV DR | PIo NoNo AVE | 0 | 0 | 0 Sideswipe-Same Direction | On Roadway - R | Roadway Intersection | Darklighted | Dry | East | East | Straight | Changing lanes | Motor Vehicicl in Motion |
| 6662077 Bibb Co Sherif's office | 4/8/2018 | 9:40:00 AM BIBB | State route | Pio nono ave | MERCER UNVEERSITY D |  | 0 | 0 Angle | On Roadway - No | Non-ntersection | Daylight | Dry | South | North | Straight | Turning left | Motor Vehicle In Motion |
| 66641161 Bibb Co Sherif's office | 4/9/2018 | 1:58:00 PM BiBb | State route | EISENHOWER PKWY | PIo NoNo AVE | c | 1 | 0 Sideswipe-Same Direction | On Roadway - R | Roodway Intersection | Daylight | Dry | West | West | Changing lanes | straigh | Motor Vehicle In Motion |
| 6669991 Bibb Co Sherif's office | 4/11/2018 | 3:54:00 PM BIBB | state route | PIo NoNo AVE | Stralght st | B | 1 | 0 Rear End | On Roadway - R | Roadway Intersection | Daylight | Dry | South | N/A | Straight | Stopped | Motor Vehicle In Motion |
| 6671548 Bibb Co Sherif's office | 4/13/2018 | 6:05:00 AM BIBB |  | PIo NoNo AVE | Elisentower pkwr | 0 | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Darkighted | Dry | North | West | Straight | Turning | Motor Vehicle In Motion |
| 6673499 Bibb Co Sherif's office | 4/13/2018 | 2:52:00 PM B1BB | State route | PIo NoNo ave | Elisenhower prwr | - | 0 | 0 Angle | On Roadway - R | Roadway Intersection | Daylight | Dry | South | N/A | Turning Righ |  | Motor Vehicle In Motion |
| 6688028 Bibb Co Sheriff's Office | 4/13/2018 | 12:56:00 PM BIBB |  |  | MERCER UNVEESTIT D |  | 1 | 0 Rear End ${ }^{0}$ |  |  |  |  | dh |  | 㖪 | Straight | Motor Vehicle II Motion |
|  | 4/1/6/2018 $4 / 2 / 2018$ | 8:99:00 PM BIBB 7:10:0 PM BIBB | STATE ROUTE STATE ROUTE | PIO NoNO AVE PIo NoNO AVE | MERCER UNVVESITY ANTHONY RD | IA | 1 | 0 O Not A Collision with Motor vehicle | On Roadway - ${ }_{\text {On }}$ | - Non-Intersection | DarkLighted Davilight | Dry | South | North | Straid | $\underset{\text { Straight }}{\text { Stright }}$ | Motor Vehicle In Motion |
| 7063 Bibb Co Sherif't' office | 2/2018 | 12:00 PM BIBB | te route | Nono AVE | ER UNIVESSITY D |  | 0 | Rear E | On Roadway - Did |  |  | Dry |  |  |  |  |  |
| 6687324 Bibb Co Sherift's office | 4/27/2018 | 11:14:00 AM B1BB | State route | Pio Nono AVE | EISENHOWER PKWY | - | 0 | 0 Rear End | On Roadway - Ror | Roadway Intersection | Daylight | Dry | South | South | Straight | Stopped | Motor Vehicil In Motion |



## Appendix B: Intersection and Roadway Segments Crash Diagrams

## SR 247/Pio Nono Avenue at SR 74/Mercer University Drive Crash Diagram (2014-2018)



SR 247/Pio Nono Avenue from SR 74/Mercer University Drive to Anthony Road Crash Diagram (2014-2018)


[^0]SR 247/Pio Nono Avenue from SR 74/Mercer University Drive to Anthony Road Crash Diagram (2014-2018)


SR 247/Pio Nono Avenue at Anthony Road Crash Diagram (2014-2018)


SR 247/Pio Nono Avenue from Anthony Road to SR 22/Eisenhower Parkway
Crash Diagram (2014-2018)


Property Damage

- Injuries Only

Fatalities

SR 247/Pio Nono Avenue from Anthony Road to SR 22/Eisenhower Parkway Crash Diagram (2014-2018)



## Appendix C: Traffic Data

(303) 216-2439
www.alltrafficdata.net

Location: 1 SR 247 \& Mercer Univ Dr AM
Date and Start Time: Wednesday, May 16, 2018
Peak Hour: 04:45 PM - 05:45 PM
Peak 15-Minutes: 05:00 PM - 05:15 PM


Note: Total study counts contained in parentheses.
Traffic Counts

| Interval | Mercer Univ Dr Eastbound |  |  |  | Mercer Univ Dr Westbound |  |  |  | SR 247 <br> Northbound |  |  |  | SR 247 <br> Southbound |  |  |  | Total | Rolling Hour | Pedestrain Crossings |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |  | West | East | South | North |
| 6:30 AM | 0 | 1 | 113 | 2 | 0 | 5 | 55 | 20 | 0 | 4 | 23 | 17 | 0 | 18 | 35 | 6 | 299 | 1,612 | 0 | 1 | 0 | 0 |
| 6:45 AM | 0 | 1 | 108 | 7 | 0 | 9 | 75 | 28 | 0 | 2 | 40 | 17 | 0 | 24 | 37 | 2 | 350 | 1,956 | 0 | 2 | 0 | 0 |
| 7:00 AM | 0 | 3 | 124 | 4 | 0 | 8 | 97 | 25 | 0 | 5 | 59 | 13 | 0 | 26 | 44 | 2 | 410 | 2,272 | 0 | 0 | 0 | 0 |
| 7:15 AM | 0 | 4 | 149 | 3 | 0 | 7 | 119 | 38 | 0 | 3 | 89 | 20 | 0 | 36 | 79 | 6 | 553 | 2,535 | 0 | 0 | 0 | 0 |
| 7:30 AM | 0 | 4 | 208 | 4 | 0 | 10 | 123 | 29 | 0 | 7 | 96 | 29 | 0 | 39 | 88 | 6 | 643 | 2,611 | 1 | 0 | 0 | 0 |
| 7:45 AM | 0 | 4 | 208 | 3 | 0 | 17 | 117 | 30 | 0 | 16 | 82 | 49 | 0 | 48 | 80 | 12 | 666 | 2,527 | 0 | 0 | 0 | 0 |
| 8:00 AM | 0 | 3 | 197 | 10 | 0 | 18 | 136 | 38 | 0 | 18 | 90 | 32 | 0 | 42 | 80 | 9 | 673 | 2,421 | 0 | 1 | 0 | 0 |
| 8:15 AM | 0 | 3 | 202 | 6 | 0 | 17 | 147 | 25 | 0 | 7 | 85 | 20 | 0 | 24 | 87 | 6 | 629 |  | 0 | 0 | 1 | 0 |
| 8:30 AM | 0 | 4 | 138 | 7 | 0 | 13 | 122 | 30 | 0 | 7 | 90 | 17 | 0 | 31 | 95 | 5 | 559 |  | 1 | 0 | 0 | 0 |
| 8:45 AM | 0 | 9 | 154 | 8 | 0 | 11 | 108 | 27 | 0 | 7 | 94 | 16 | 0 | 33 | 80 | 13 | 560 |  | 1 | 0 | 1 | 0 |
| 9:00 AM | 0 | 3 | 125 | 1 | 0 | 13 | 108 | 35 | 0 | 7 | 74 | 21 | 0 | 27 | 73 | 7 | 494 | 1,899 | 0 | 0 | 0 | 0 |
| 9:15 AM | 0 | 4 | 113 | 5 | 0 | 16 | 112 | 22 | 0 | 5 | 66 | 22 | 0 | 32 | 75 | 5 | 477 | 1,870 | 0 | 0 | 0 | 0 |
| 9:30 AM | 0 | 3 | 128 | 7 | 0 | 20 | 102 | 28 | 0 | 5 | 58 | 20 | 0 | 20 | 78 | 7 | 476 | 1,852 | 1 | 1 | 0 | 0 |
| 9:45 AM | 0 | 3 | 110 | 5 | 0 | 18 | 114 | 25 | 0 | 4 | 73 | 20 | 0 | 22 | 52 | 6 | 452 | 1,896 | 0 | 0 | 0 | 0 |
| 10:00 AM | 0 | 3 | 104 | 5 | 0 | 21 | 97 | 19 | 0 | 12 | 75 | 24 | 0 | 25 | 76 | 4 | 465 | 1,913 | 0 | 0 | 1 | 0 |
| 10:15 AM | 0 | 7 | 99 | 5 | 0 | 22 | 102 | 18 | 0 | 8 | 64 | 17 | 0 | 18 | 88 | 11 | 459 | 1,959 | 0 | 0 | 0 | 0 |
| 10:30 AM | 0 | 3 | 112 | 11 | 0 | 20 | 124 | 23 | 0 | 7 | 87 | 18 | 0 | 27 | 80 | 8 | 520 | 1,975 | 0 | 0 | 0 | 0 |
| 10:45 AM | 0 | 4 | 99 | 6 | 0 | 18 | 124 | 22 | 0 | 8 | 71 | 19 | 0 | 20 | 68 | 10 | 469 | 1,991 | 1 | 0 | 0 | 0 |
| 11:00 AM | 0 | 10 | 99 | 7 | 0 | 23 | 122 | 18 | 0 | 13 | 89 | 24 | 0 | 24 | 76 | 6 | 511 | 2,069 | 0 | 0 | 0 | 0 |
| 11:15 AM | 0 | 7 | 92 | 6 | 0 | 21 | 110 | 27 | 0 | 12 | 64 | 16 | 0 | 19 | 88 | 13 | 475 | 2,110 | 0 | 0 | 0 | 0 |
| 11:30 AM | 0 | 5 | 113 | 6 | 0 | 26 | 112 | 22 | 0 | 11 | 80 | 17 | 0 | 23 | 110 | 11 | 536 | 2,202 | 2 | 1 | 0 | 1 |
| 11:45 AM | 0 | 9 | 109 | 12 | 0 | 25 | 130 | 23 | 0 | 10 | 75 | 21 | 0 | 31 | 88 | 14 | 547 | 2,244 | 0 | 0 | 0 | 0 |
| 12:00 PM | 0 | 9 | 108 | 3 | 0 | 15 | 116 | 25 | 0 | 6 | 83 | 25 | 0 | 35 | 113 | 14 | 552 | 2,278 | 0 | 0 | 0 | 0 |
| 12:15 PM | 0 | 6 | 119 | 9 | 0 | 27 | 143 | 18 | 0 | 13 | 87 | 23 | 0 | 19 | 89 | 14 | 567 | 2,305 | 0 | 1 | 0 | 0 |
| 12:30 PM | 0 | 12 | 116 | 13 | 0 | 15 | 134 | 28 | 0 | 13 | 89 | 26 | 0 | 31 | 93 | 8 | 578 | 2,360 | 0 | 0 | 0 | 0 |
| 12:45 PM | 0 | 10 | 141 | 6 | 0 | 21 | 117 | 21 | 0 | 11 | 84 | 35 | 0 | 28 | 98 | 9 | 581 | 2,374 | 0 | 1 | 1 | 0 |
| 1:00 PM | 0 | 11 | 145 | 11 | 0 | 13 | 119 | 26 | 0 | 15 | 97 | 15 | 0 | 35 | 82 | 10 | 579 | 2,379 | 0 | 1 | 2 | 1 |
| 1:15 PM | 0 | 10 | 137 | 10 | 0 | 20 | 129 | 30 | 0 | 11 | 96 | 24 | 0 | 26 | 112 | 17 | 622 | 2,391 | 0 | 0 | 0 | 1 |
| 1:30 PM | 0 | 9 | 115 | 5 | 0 | 21 | 124 | 24 | 0 | 11 | 102 | 22 | 0 | 33 | 114 | 12 | 592 | 2,382 | 0 | 1 | 0 | 0 |
| 1:45 PM | 0 | 3 | 118 | 4 | 0 | 27 | 132 | 29 | 0 | 11 | 90 | 19 | 0 | 33 | 109 | 11 | 586 | 2,394 | 0 | 0 | 0 | 0 |
| 2:00 PM | 0 | 5 | 133 | 4 | 0 | 15 | 135 | 19 | 0 | 11 | 96 | 31 | 0 | 34 | 99 | 9 | 591 | 2,432 | 0 | 0 | 1 | 0 |
| 2:15 PM | 0 | 3 | 137 | 13 | 0 | 27 | 143 | 24 | 0 | 9 | 100 | 22 | 0 | 22 | 99 | 14 | 613 | 2,481 | 0 | 2 | 0 | 0 |
| 2:30 PM | 0 | 8 | 140 | 8 | 0 | 19 | 133 | 32 | 0 | 13 | 103 | 28 | 0 | 20 | 91 | 9 | 604 | 2,595 | 0 | 0 | 0 | 0 |
| 2:45 PM | 0 | 6 | 111 | 9 | 0 | 19 | 109 | 23 | 0 | 13 | 131 | 20 | 0 | 42 | 132 | 9 | 624 | 2,702 | 0 | 0 | 0 | 1 |
| 3:00 PM | 0 | 6 | 121 | 7 | 0 | 26 | 169 | 32 | 0 | 15 | 78 | 31 | 0 | 51 | 95 | 9 | 640 | 2,787 | 0 | 1 | 0 | 0 |


| 3:15 PM | 0 | 9 | 133 | 15 | 0 | 30 | 155 | 32 | 0 | 18 | 118 | 40 | 0 | 32 | 131 | 14 | 727 | 2,841 | 1 | 0 | 0 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3:30 PM | 0 | 10 | 116 | 10 | 0 | 24 | 196 | 24 | 0 | 19 | 96 | 47 | 0 | 26 | 131 | 12 | 711 | 2,791 | 0 | 1 | 0 | 0 |
| 3:45 PM | 0 | 13 | 113 | 9 | 0 | 26 | 141 | 23 | 0 | 21 | 134 | 34 | 0 | 34 | 150 | 11 | 709 | 2,713 | 0 | 0 | 0 | 0 |
| 4:00 PM | 0 | 8 | 116 | 6 | 0 | 23 | 198 | 31 | 0 | 5 | 115 | 29 | 0 | 46 | 104 | 13 | 694 | 2,703 | 0 | 2 | 0 | 0 |
| 4:15 PM | 0 | 8 | 111 | 12 | 0 | 24 | 149 | 21 | 0 | 23 | 113 | 24 | 0 | 52 | 120 | 20 | 677 | 2,749 | 0 | 0 | 0 | 0 |
| 4:30 PM | 0 | 4 | 113 | 12 | 0 | 17 | 196 | 35 | 0 | 8 | 84 | 31 | 0 | 35 | 90 | 8 | 633 | 2,804 | 0 | 0 | 0 | 0 |
| 4:45 PM | 0 | 5 | 110 | 5 | 0 | 35 | 184 | 42 | 0 | 17 | 115 | 23 | 0 | 30 | 125 | 8 | 699 | 2,862 | 0 | 0 | 0 | 0 |
| 5:00 PM | 0 | 13 | 152 | 15 | 0 | 21 | 202 | 29 | 0 | 20 | 96 | 29 | 0 | 54 | 100 | 9 | 740 | 2,793 | 0 | 0 | 0 | 0 |
| 5:15 PM | 0 | 12 | 144 | 10 | 0 | 29 | 220 | 24 | 0 | 12 | 96 | 26 | 0 | 34 | 111 | 14 | 732 | 2,605 | 0 | 0 | 0 | 0 |
| 5:30 PM | 0 | 7 | 127 | 5 | 0 | 25 | 208 | 27 | 0 | 16 | 88 | 22 | 0 | 44 | 111 | 11 | 691 | 2,385 | 0 | 2 | 0 | 0 |
| 5:45 PM | 0 | 10 | 133 | 6 | 0 | 18 | 153 | 29 | 0 | 10 | 83 | 32 | 0 | 29 | 121 | 6 | 630 |  | 0 | 3 | 0 | 0 |
| 6:00 PM | 0 | 7 | 146 | 14 | 1 | 15 | 102 | 29 | 0 | 17 | 81 | 11 | 0 | 36 | 83 | 10 | 552 |  | 0 | 0 | 0 | 0 |
| 6:15 PM | 0 | 1 | 122 | 13 | 0 | 7 | 105 | 26 | 0 | 12 | 70 | 19 | 0 | 36 | 97 | 4 | 512 |  | 0 | 0 | 0 | 0 |

## Peak Rolling Hour Flow Rates

| Vehicle Type | Eastbound |  |  |  | Westbound |  |  |  | Northbound |  |  |  | Southbound |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |
| Articulated Trucks | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 1 | 0 | 13 |
| Lights | 0 | 29 | 522 | 35 | 0 | 106 | 803 | 120 | 0 | 65 | 379 | 98 | 0 | 153 | 443 | 42 | 2,795 |
| Mediums | 0 | 8 | 8 | 0 | 0 | 4 | 8 | 2 | 0 | 0 | 13 | 2 | 0 | 6 | 3 | 0 | 54 |
| Total | 0 | 37 | 533 | 35 | 0 | 110 | 814 | 122 | 0 | 65 | 395 | 100 | 0 | 162 | 447 | 42 | 2,862 |

(303) 216-2439
www.alltrafficdata.net
Location: 2 SR 247 \& Moseley Ave AM
Date and Start Time: Wednesday, May 16, 2018
Peak Hour: 03:15 PM - 04:15 PM
Peak 15-Minutes: 03:45 PM - 04:00 PM


Note: Total study counts contained in parentheses.

## Traffic Counts

| Interval | Moseley Ave Eastbound |  |  |  | West | und | SR 247 <br> Northbound |  |  |  | SR 247 <br> Southbound |  |  |  | Total | Rolling Hour | Pedestrain Crossings |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | U-Turn | Left | Thru | Right | U-Turn Left | Thru Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |  | West East | South | North |
| 6:30 AM | 0 | 0 | 0 | 1 |  |  | 0 | 1 | 42 | 0 | 0 | 0 | 40 | 1 | 85 | 514 | 0 | 0 | 0 |
| 6:45 AM | 0 | 5 | 0 | 0 |  |  | 0 | 0 | 54 | 0 | 0 | 0 | 44 | 0 | 103 | 672 | 0 | 0 | 0 |
| 7:00 AM | 0 | 5 | 0 | 0 |  |  | 0 | 0 | 73 | 0 | 0 | 0 | 66 | 3 | 147 | 824 | 0 | 0 | 0 |
| 7:15 AM | 0 | 3 | 0 | 1 |  |  | 0 | 0 | 87 | 0 | 0 | 0 | 87 | 1 | 179 | 923 | 1 | 0 | 0 |
| 7:30 AM | 0 | 4 | 0 | 0 |  |  | 0 | 0 | 125 | 0 | 0 | 0 | 113 | 1 | 243 | 955 | 0 | 0 | 0 |
| 7:45 AM | 0 | 7 | 0 | 2 |  |  | 0 | 2 | 119 | 0 | 0 | 0 | 121 | 4 | 255 | 946 | 1 | 0 | 2 |
| 8:00 AM | 0 | 3 | 0 | 2 |  |  | 0 | 2 | 119 | 0 | 0 | 0 | 119 | 1 | 246 | 908 | 0 | 0 | 0 |
| 8:15 AM | 0 | 2 | 0 | 0 |  |  | 0 | 1 | 100 | 0 | 0 | 0 | 104 | 4 | 211 |  | 0 | 0 | 0 |
| 8:30 AM | 0 | 5 | 0 | 2 |  |  | 0 | 3 | 110 | 0 | 0 | 0 | 112 | 2 | 234 |  | 2 | 0 | 0 |
| 8:45 AM | 0 | 0 | 0 | 0 |  |  | 0 | 1 | 115 | 0 | 0 | 0 | 99 | 2 | 217 |  | 2 | 0 | 0 |
| 9:00 AM | 0 | 4 | 0 | 1 |  |  | 0 | 0 | 87 | 0 | 0 | 0 | 96 | 1 | 189 | 762 | 0 | 0 | 0 |
| 9:15 AM | 0 | 1 | 0 | 2 |  |  | 0 | 3 | 92 | 0 | 0 | 0 | 91 | 1 | 190 | 766 | 1 | 0 | 1 |
| 9:30 AM | 0 | 1 | 0 | 2 |  |  | 0 | 1 | 76 | 0 | 0 | 0 | 112 | 1 | 193 | 795 | 0 | 0 | 0 |
| 9:45 AM | 0 | 2 | 0 | 1 |  |  | 0 | 1 | 99 | 0 | 0 | 0 | 85 | 2 | 190 | 827 | 1 | 0 | 0 |
| 10:00 AM | 0 | 6 | 0 | 0 |  |  | 0 | 1 | 89 | 0 | 0 | 0 | 96 | 1 | 193 | 866 | 0 | 0 | 0 |
| 10:15 AM | 0 | 0 | 0 | 3 |  |  | 0 | 2 | 95 | 0 | 0 | 0 | 117 | 2 | 219 | 900 | 0 | 0 | 0 |
| 10:30 AM | 0 | 2 | 0 | 3 |  |  | 0 | 2 | 108 | 0 | 0 | 0 | 109 | 1 | 225 | 905 | 0 | 0 | 0 |
| 10:45 AM | 0 | 3 | 0 | 5 |  |  | 0 | 4 | 111 | 0 | 0 | 0 | 104 | 2 | 229 | 943 | 4 | 0 | 0 |
| 11:00 AM | 0 | 1 | 0 | 7 |  |  | 0 | 5 | 119 | 0 | 0 | 0 | 95 | 0 | 227 | 972 | 1 | 0 | 0 |
| 11:15 AM | 0 | 4 | 0 | 6 |  |  | 0 | 2 | 91 | 0 | 0 | 0 | 118 | 3 | 224 | 1,016 | 2 | 0 | 0 |
| 11:30 AM | 0 | 1 | 0 | 0 |  |  | 0 | 3 | 110 | 0 | 0 | 0 | 146 | 3 | 263 | 1,060 | 1 | 0 | 0 |
| 11:45 AM | 0 | 2 | 0 | 5 |  |  | 0 | 6 | 117 | 0 | 0 | 0 | 125 | 3 | 258 | 1,060 | 0 | 0 | 0 |
| 12:00 PM | 0 | 4 | 0 | 4 |  |  | 0 | 2 | 127 | 0 | 0 | 0 | 130 | 4 | 271 | 1,087 | 0 | 0 | 0 |
| 12:15 PM | 0 | 4 | 0 | 1 |  |  | 0 | 2 | 115 | 0 | 0 | 0 | 143 | 3 | 268 | 1,067 | 0 | 0 | 0 |
| 12:30 PM | 0 | 3 | 0 | 4 |  |  | 0 | 3 | 125 | 0 | 0 | 0 | 127 | 1 | 263 | 1,101 | 0 | 0 | 0 |
| 12:45 PM | 0 | 4 | 0 | 4 |  |  | 0 | 2 | 129 | 0 | 0 | 0 | 142 | 4 | 285 | 1,128 | 0 | 0 | 0 |
| 1:00 PM | 0 | 1 | 0 | 4 |  |  | 0 | 4 | 130 | 0 | 0 | 0 | 110 | 2 | 251 | 1,117 | 2 | 0 | 0 |
| 1:15 PM | 0 | 5 | 0 | 7 |  |  | 0 | 7 | 130 | 0 | 0 | 0 | 149 | 4 | 302 | 1,136 | 0 | 0 | 0 |
| 1:30 PM | 0 | 7 | 0 | 6 |  |  | 0 | 3 | 128 | 0 | 0 | 0 | 140 | 6 | 290 | 1,119 | 0 | 0 | 0 |
| 1:45 PM | 0 | 4 | 0 | 1 |  |  | 0 | 3 | 111 | 0 | 0 | 0 | 153 | 2 | 274 | 1,110 | 1 | 0 | 0 |
| 2:00 PM | 0 | 0 | 0 | 2 |  |  | 0 | 2 | 141 | 0 | 0 | 0 | 125 | 0 | 270 | 1,169 | 0 | 0 | 0 |
| 2:15 PM | 0 | 3 | 0 | 7 |  |  | 0 | 1 | 137 | 0 | 0 | 0 | 133 | 4 | 285 | 1,187 | 0 | 0 | 0 |
| 2:30 PM | 0 | 0 | 0 | 4 |  |  | 0 | 5 | 153 | 0 | 0 | 0 | 118 | 1 | 281 | 1,232 | 0 | 0 | 0 |
| 2:45 PM | 0 | 3 | 0 | 2 |  |  | 0 | 4 | 167 | 0 | 0 | 0 | 156 | 1 | 333 | 1,278 | 0 | 0 | 0 |
| 3:00 PM | 0 | 2 | 0 | 8 |  |  | 0 | 0 | 131 | 0 | 0 | 0 | 142 | 5 | 288 | 1,315 | 0 | 0 | 0 |


| 3:15 PM | 0 | 2 | 0 | 6 | 0 | 7 | 147 | 0 | 0 | 0 | 165 | 3 | 330 | 1,352 | 0 | 0 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3:30 PM | 0 | 2 | 0 | 7 | 0 | 9 | 126 | 0 | 0 | 0 | 178 | 5 | 327 | 1,338 | 0 | 0 | 0 |
| 3:45 PM | 0 | 6 | 0 | 2 | 0 | 4 | 167 | 0 | 0 | 0 | 185 | 6 | 370 | 1,291 | 0 | 0 | 1 |
| 4:00 PM | 0 | 4 | 0 | 9 | 0 | 4 | 155 | 0 | 0 | 0 | 145 | 8 | 325 | 1,211 | 2 | 0 | 0 |
| 4:15 PM | 0 | 8 | 0 | 9 | 0 | 3 | 143 | 0 | 0 | 0 | 146 | 7 | 316 | 1,211 | 0 | 0 | 0 |
| 4:30 PM | 0 | 6 | 0 | 5 | 0 | 2 | 129 | 0 | 0 | 0 | 134 | 4 | 280 | 1,188 | 0 | 0 | 0 |
| 4:45 PM | 0 | 2 | 0 | 4 | 0 | 3 | 138 | 0 | 0 | 0 | 137 | 6 | 290 | 1,189 | 0 | 0 | 0 |
| 5:00 PM | 0 | 2 | 0 | 5 | 0 | 4 | 150 | 0 | 0 | 0 | 161 | 3 | 325 | 1,191 | 0 | 0 | 0 |
| 5:15 PM | 0 | 6 | 0 | 7 | 0 | 7 | 122 | 0 | 0 | 0 | 149 | 2 | 293 | 1,115 | 0 | 0 | 0 |
| 5:30 PM | 0 | 3 | 0 | 6 | 0 | 2 | 127 | 0 | 0 | 0 | 141 | 2 | 281 | 1,065 | 1 | 0 | 0 |
| 5:45 PM | 0 | 6 | 0 | 5 | 0 | 4 | 124 | 0 | 0 | 0 | 149 | 4 | 292 |  | 0 | 0 | 0 |
| 6:00 PM | 0 | 1 | 0 | 3 | 0 | 1 | 123 | 0 | 1 | 0 | 118 | 2 | 249 |  | 1 | 0 | 0 |
| 6:15 PM | 0 | 2 | 0 | 4 | 0 | 5 | 104 | 0 | 0 | 0 | 128 | 0 | 243 |  | 0 | 0 | 0 |

## Peak Rolling Hour Flow Rates

|  | Eastbound |  |  |  | Westbound |  |  |  | Northbound |  |  |  | Southbound |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vehicle Type | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |
| Articulated Trucks | 0 | 0 | 0 | 0 |  |  |  |  | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 4 |
| Lights | 0 | 14 | 0 | 23 |  |  |  |  | 0 | 24 | 583 | 0 | 0 | 0 | 653 | 22 | 1,319 |
| Mediums | 0 | 0 | 0 | 1 |  |  |  |  | 0 | 0 | 11 | 0 | 0 | 0 | 17 | 0 | 29 |
| Total | 0 | 14 | 0 | 24 |  |  |  |  | 0 | 24 | 595 | 0 | 0 | 0 | 673 | 22 | 1,352 |

All Traffic Data
$\longrightarrow$ services Inc
(303) 216-2439
www.alltrafficdata.net

Location: 3 SR 247 \& Anthony Rd AM
Date and Start Time: Wednesday, May 16, 2018
Peak Hour: 03:15 PM - 04:15 PM
Peak 15-Minutes: 03:45 PM - 04:00 PM


Peak Hour - Pedestrians/Bicycles in Crosswalk


Note: Total study counts contained in parentheses.
Traffic Counts

| Interval | Anthony Rd Eastbound |  |  |  | Anthony Rd Westbound |  |  |  | $\text { SR } 247$ <br> Northbound |  |  |  | SR 247 <br> Southbound |  |  |  | Total | Rolling Hour | Pedestrain Crossings |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |  | West | East | South | North |
| 6:30 AM | 0 | 6 | 6 | 27 | 0 | 1 | 11 | 6 | 0 | 8 | 36 | 5 | 1 | 2 | 35 | 2 | 146 | 795 | 0 | 0 | 0 | 0 |
| 6:45 AM | 0 | 5 | 10 | 22 | 0 | 2 | 4 | 5 | 0 | 9 | 40 | 5 | 0 | 0 | 45 | 6 | 153 | 994 | 0 | 1 | 0 | 0 |
| 7:00 AM | 0 | 9 | 6 | 29 | 0 | 4 | 8 | 5 | 0 | 25 | 70 | 4 | 0 | 2 | 57 | 9 | 228 | 1,249 | 0 | 0 | 0 | 0 |
| 7:15 AM | 0 | 10 | 24 | 21 | 0 | 7 | 8 | 0 | 0 | 20 | 78 | 7 | 0 | 7 | 75 | 11 | 268 | 1,434 | 0 | 0 | 0 | 0 |
| 7:30 AM | 0 | 19 | 14 | 25 | 0 | 8 | 5 | 3 | 0 | 27 | 101 | 18 | 0 | 7 | 99 | 19 | 345 | 1,541 | 0 | 0 | 0 | 0 |
| 7:45 AM | 0 | 15 | 28 | 39 | 0 | 15 | 24 | 8 | 0 | 32 | 99 | 26 | 0 | 11 | 82 | 29 | 408 | 1,568 | 2 | 0 | 0 | 0 |
| 8:00 AM | 0 | 20 | 23 | 46 | 0 | 14 | 31 | 11 | 0 | 27 | 90 | 21 | 0 | 14 | 90 | 26 | 413 | 1,533 | 0 | 0 | 0 | 0 |
| 8:15 AM | 0 | 4 | 27 | 37 | 0 | 24 | 25 | 12 | 0 | 32 | 86 | 21 | 0 | 8 | 84 | 15 | 375 |  | 0 | 3 | 0 | 0 |
| 8:30 AM | 0 | 11 | 29 | 32 | 0 | 26 | 14 | 18 | 0 | 19 | 90 | 34 | 0 | 9 | 76 | 14 | 372 |  | 0 | 0 | 6 | 0 |
| 8:45 AM | 0 | 10 | 26 | 31 | 0 | 29 | 26 | 23 | 0 | 19 | 84 | 25 | 0 | 7 | 87 | 6 | 373 |  | 0 | 0 | 0 | 0 |
| 9:00 AM | 0 | 8 | 15 | 31 | 0 | 22 | 13 | 6 | 0 | 20 | 79 | 14 | 0 | 8 | 78 | 9 | 303 | 1,190 | 0 | 4 | 0 | 0 |
| 9:15 AM | 0 | 5 | 22 | 36 | 0 | 11 | 18 | 10 | 0 | 20 | 78 | 13 | 0 | 5 | 81 | 10 | 309 | 1,167 | 0 | 3 | 0 | 1 |
| 9:30 AM | 0 | 7 | 14 | 31 | 0 | 11 | 8 | 7 | 0 | 17 | 66 | 11 | 0 | 6 | 89 | 17 | 284 | 1,167 | 1 | 1 | 0 | 0 |
| 9:45 AM | 0 | 15 | 13 | 32 | 0 | 7 | 12 | 1 | 0 | 17 | 96 | 6 | 0 | 4 | 78 | 13 | 294 | 1,218 | 0 | 4 | 2 | 0 |
| 10:00 AM | 0 | 11 | 8 | 34 | 0 | 11 | 15 | 3 | 0 | 28 | 73 | 5 | 0 | 4 | 81 | 7 | 280 | 1,244 | 0 | 0 | 0 | 2 |
| 10:15 AM | 0 | 7 | 10 | 30 | 0 | 17 | 9 | 6 | 0 | 17 | 82 | 9 | 1 | 5 | 109 | 7 | 309 | 1,254 | 0 | 1 | 0 | 0 |
| 10:30 AM | 0 | 14 | 11 | 25 | 0 | 11 | 12 | 5 | 0 | 28 | 97 | 12 | 0 | 6 | 100 | 14 | 335 | 1,254 | 0 | 0 | 0 | 0 |
| 10:45 AM | 0 | 8 | 10 | 27 | 0 | 19 | 11 | 4 | 0 | 29 | 96 | 7 | 1 | 9 | 94 | 5 | 320 | 1,313 | 3 | 0 | 0 | 0 |
| 11:00 AM | 0 | 15 | 14 | 28 | 0 | 11 | 11 | 11 | 0 | 19 | 85 | 8 | 0 | 2 | 80 | 6 | 290 | 1,345 | 1 | 2 | 0 | 0 |
| 11:15 AM | 0 | 6 | 17 | 26 | 0 | 13 | 13 | 6 | 0 | 18 | 81 | 9 | 0 | 6 | 102 | 12 | 309 | 1,441 | 2 | 2 | 1 | 4 |
| 11:30 AM | 0 | 10 | 14 | 36 | 0 | 13 | 11 | 12 | 0 | 29 | 101 | 17 | 0 | 6 | 132 | 13 | 394 | 1,478 | 1 | 0 | 0 | 0 |
| 11:45 AM | 0 | 8 | 8 | 43 | 0 | 19 | 9 | 11 | 0 | 28 | 89 | 8 | 0 | 7 | 110 | 12 | 352 | 1,461 | 0 | 3 | 0 | 0 |
| 12:00 PM | 1 | 20 | 18 | 42 | 0 | 26 | 18 | 10 | 0 | 24 | 96 | 8 | 0 | 8 | 106 | 9 | 386 | 1,503 | 2 | 2 | 0 | 0 |
| 12:15 PM | 0 | 13 | 15 | 20 | 0 | 14 | 15 | 10 | 0 | 25 | 89 | 16 | 0 | 12 | 102 | 15 | 346 | 1,517 | 1 | 0 | 0 | 0 |
| 12:30 PM | 0 | 14 | 13 | 34 | 0 | 15 | 15 | 7 | 0 | 20 | 117 | 14 | 0 | 13 | 106 | 9 | 377 | 1,558 | 0 | 0 | 0 | 0 |
| 12:45 PM | 0 | 12 | 14 | 31 | 0 | 16 | 22 | 11 | 0 | 28 | 105 | 12 | 0 | 19 | 115 | 9 | 394 | 1,563 | 0 | 0 | 0 | 0 |
| 1:00 PM | 0 | 13 | 28 | 34 | 0 | 23 | 16 | 11 | 0 | 33 | 120 | 12 | 0 | 5 | 94 | 11 | 400 | 1,574 | 0 | 0 | 0 | 0 |
| 1:15 PM | 0 | 14 | 22 | 26 | 0 | 18 | 21 | 7 | 0 | 21 | 102 | 16 | 0 | 4 | 123 | 13 | 387 | 1,612 | 0 | 0 | 0 | 0 |
| 1:30 PM | 0 | 9 | 12 | 38 | 0 | 21 | 16 | 6 | 0 | 28 | 106 | 12 | 0 | 4 | 112 | 18 | 382 | 1,672 | 0 | 0 | 0 | 0 |
| 1:45 PM | 0 | 10 | 31 | 39 | 0 | 15 | 24 | 11 | 0 | 26 | 93 | 16 | 0 | 9 | 114 | 17 | 405 | 1,711 | 0 | 0 | 0 | 0 |
| 2:00 PM | 0 | 19 | 22 | 45 | 0 | 25 | 17 | 14 | 0 | 29 | 115 | 19 | 0 | 6 | 115 | 12 | 438 | 1,802 | 1 | 1 | 0 | 1 |
| 2:15 PM | 0 | 14 | 11 | 54 | 0 | 15 | 20 | 16 | 0 | 30 | 127 | 10 | 0 | 12 | 120 | 18 | 447 | 1,786 | 0 | 0 | 1 | 0 |
| 2:30 PM | 0 | 15 | 24 | 33 | 0 | 21 | 19 | 11 | 0 | 30 | 127 | 19 | 0 | 6 | 104 | 12 | 421 | 1,857 | 0 | 3 | 0 | 0 |
| 2:45 PM | 0 | 16 | 19 | 40 | 0 | 22 | 19 | 18 | 0 | 34 | 143 | 24 | 0 | 6 | 139 | 16 | 496 | 1,970 | 0 | 2 | 0 | 0 |
| 3:00 PM | 0 | 11 | 17 | 39 | 0 | 11 | 13 | 14 | 0 | 39 | 100 | 14 | 0 | 24 | 124 | 16 | 422 | 2,018 | 0 | 1 | 0 | 1 |


| 3:15 PM | 0 | 19 | 26 | 58 | 0 | 20 | 23 | 11 | 0 | 44 | 126 | 13 | 0 | 19 | 141 | 18 | 518 | 2,102 | 0 | 2 | 0 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3:30 PM | 0 | 17 | 20 | 54 | 0 | 25 | 28 | 10 | 0 | 33 | 130 | 20 | 0 | 12 | 165 | 20 | 534 | 2,046 | 0 | 4 | 0 | 0 |
| 3:45 PM | 0 | 22 | 28 | 51 | 0 | 35 | 37 | 15 | 0 | 29 | 128 | 20 | 0 | 18 | 138 | 23 | 544 | 1,971 | 0 | 5 | 5 | 0 |
| 4:00 PM | 0 | 17 | 22 | 53 | 0 | 33 | 20 | 13 | 0 | 31 | 141 | 14 | 0 | 14 | 126 | 22 | 506 | 1,917 | 0 | 3 | 2 | 0 |
| 4:15 PM | 0 | 17 | 10 | 39 | 0 | 37 | 27 | 10 | 0 | 38 | 107 | 11 | 0 | 12 | 135 | 19 | 462 | 1,878 | 0 | 0 | 0 | 0 |
| 4:30 PM | 0 | 15 | 22 | 50 | 0 | 23 | 32 | 10 | 0 | 32 | 108 | 17 | 0 | 9 | 120 | 21 | 459 | 1,851 | 0 | 0 | 0 | 0 |
| 4:45 PM | 0 | 15 | 36 | 41 | 0 | 36 | 32 | 18 | 0 | 30 | 122 | 12 | 0 | 7 | 125 | 16 | 490 | 1,853 | 1 | 0 | 0 | 0 |
| 5:00 PM | 0 | 13 | 15 | 38 | 0 | 28 | 23 | 14 | 0 | 34 | 116 | 18 | 0 | 10 | 136 | 22 | 467 | 1,796 | 0 | 0 | 0 | 0 |
| 5:15 PM | 0 | 24 | 23 | 41 | 0 | 25 | 23 | 11 | 0 | 32 | 97 | 13 | 0 | 13 | 120 | 13 | 435 | 1,715 | 1 | 2 | 0 | 0 |
| 5:30 PM | 0 | 16 | 23 | 44 | 0 | 16 | 21 | 16 | 0 | 35 | 114 | 16 | 0 | 14 | 130 | 16 | 461 | 1,674 | 2 | 0 | 0 | 0 |
| 5:45 PM | 0 | 16 | 22 | 42 | 0 | 13 | 13 | 11 | 0 | 32 | 108 | 12 | 0 | 16 | 131 | 17 | 433 |  | 0 | 1 | 0 | 0 |
| 6:00 PM | 0 | 10 | 13 | 43 | 0 | 11 | 19 | 6 | 0 | 35 | 100 | 20 | 0 | 12 | 109 | 8 | 386 |  | 0 | 0 | 0 | 0 |
| 6:15 PM | 0 | 10 | 16 | 48 | 0 | 20 | 12 | 13 | 0 | 44 | 95 | 14 | 0 | 3 | 105 | 14 | 394 |  | 0 | 0 | 1 | 0 |

## Peak Rolling Hour Flow Rates

|  | Eastbound |  |  |  | Westbound |  |  |  | Northbound |  |  |  | Southbound |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vehicle Type | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |
| Articulated Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 3 |
| Lights | 0 | 73 | 92 | 206 | 0 | 100 | 105 | 46 | 0 | 137 | 517 | 67 | 0 | 59 | 555 | 83 | 2,040 |
| Mediums | 0 | 2 | 4 | 10 | 0 | 13 | 3 | 3 | 0 | 0 | 7 | 0 | 0 | 3 | 14 | 0 | 59 |
| Total | 0 | 75 | 96 | 216 | 0 | 113 | 108 | 49 | 0 | 137 | 525 | 67 | 0 | 63 | 570 | 83 | 2,102 |

(303) 216-2439
www.alltrafficdata.net
Location: 4 SR 247 \& Driveway AM
Date and Start Time: Wednesday, May 16, 2018
Peak Hour: 03:15 PM - 04:15 PM
Peak 15-Minutes: 03:45 PM - 04:00 PM


Note: Total study counts contained in parentheses.

## Traffic Counts

| Interval | Dent St <br> Eastbound |  |  |  | Driveway Westbound |  |  |  | SR 247 <br> Northbound |  |  |  | SR 247 <br> Southbound |  |  |  | Total | Rolling Hour | Pedestrain Crossings |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | U-Turn | Left | Thru | Right | U-Turn | Left | Thru |  | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |  | West | East | South | North |
| 6:30 AM | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 40 | 0 | 0 | 0 | 63 | 1 | 110 | 630 | 0 | 0 | 0 | 0 |
| 6:45 AM | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 52 | 0 | 0 | 0 | 65 | 1 | 125 | 806 | 0 | 1 | 0 | 1 |
| 7:00 AM | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 90 | 0 | 0 | 0 | 82 | 2 | 182 | 967 | 0 | 1 | 0 | 0 |
| 7:15 AM | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 101 | 0 | 0 | 0 | 105 | 2 | 213 | 1,085 | 0 | 1 | 0 | 0 |
| 7:30 AM | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 5 | 148 | 0 | 0 | 0 | 127 | 2 | 286 | 1,176 | 0 | 0 | 0 | 0 |
| 7:45 AM | 0 | 6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 148 | 0 | 0 | 0 | 124 | 1 | 286 | 1,178 | 0 | 0 | 0 | 0 |
| 8:00 AM | 0 | 2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 6 | 142 | 0 | 0 | 0 | 137 | 6 | 300 | 1,181 | 0 | 0 | 0 | 0 |
| 8:15 AM | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 2 | 138 | 0 | 0 | 0 | 153 | 5 | 304 |  | 0 | 0 | 0 | 0 |
| 8:30 AM | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 137 | 0 | 0 | 0 | 139 | 2 | 288 |  | 0 | 0 | 0 | 0 |
| 8:45 AM | 0 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 135 | 0 | 0 | 0 | 143 | 3 | 289 |  | 0 | 0 | 0 | 0 |
| 9:00 AM | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 108 | 0 | 0 | 0 | 119 | 2 | 239 | 973 | 0 | 0 | 0 | 1 |
| 9:15 AM | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 116 | 0 | 0 | 0 | 121 | 6 | 247 | 982 | 3 | 0 | 0 | 1 |
| 9:30 AM | 0 | 3 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 6 | 95 | 0 | 0 | 0 | 136 | 1 | 246 | 995 | 1 | 1 | 0 | 0 |
| 9:45 AM | 0 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 3 | 116 | 0 | 0 | 1 | 113 | 1 | 241 | 1,028 | 0 | 1 | 0 | 0 |
| 10:00 AM | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 6 | 104 | 0 | 0 | 0 | 132 | 2 | 248 | 1,068 | 0 | 0 | 0 | 0 |
| 10:15 AM | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 105 | 0 | 0 | 0 | 143 | 3 | 260 | 1,067 | 1 | 1 | 1 | 0 |
| 10:30 AM | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 123 | 0 | 0 | 0 | 141 | 1 | 279 | 1,068 | 0 | 0 | 0 | 1 |
| 10:45 AM | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 137 | 0 | 0 | 0 | 138 | 1 | 281 | 1,106 | 3 | 3 | 0 | 1 |
| 11:00 AM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 121 | 0 | 0 | 0 | 120 | 1 | 247 | 1,161 | 2 | 0 | 0 | 0 |
| 11:15 AM | 0 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 5 | 113 | 0 | 0 | 1 | 134 | 1 | 261 | 1,216 | 1 | 1 | 0 | 0 |
| 11:30 AM | 0 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 3 | 138 | 0 | 0 | 0 | 164 | 4 | 317 | 1,251 | 1 | 1 | 1 | 0 |
| 11:45 AM | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 147 | 0 | 0 | 0 | 179 | 0 | 336 | 1,224 | 1 | 1 | 0 | 0 |
| 12:00 PM | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 124 | 0 | 0 | 0 | 171 | 3 | 302 | 1,199 | 2 | 1 | 0 | 0 |
| 12:15 PM | 0 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 3 | 130 | 0 | 0 | 0 | 152 | 4 | 296 | 1,221 | 0 | 2 | 0 | 0 |
| 12:30 PM | 0 | 1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 4 | 135 | 0 | 0 | 0 | 143 | 1 | 290 | 1,276 | 2 | 2 | 0 | 0 |
| 12:45 PM | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 1 | 146 | 0 | 0 | 0 | 155 | 4 | 311 | 1,320 | 1 | 0 | 0 | 1 |
| 1:00 PM | 0 | 2 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 4 | 158 | 0 | 0 | 0 | 146 | 5 | 324 | 1,333 | 0 | 1 | 0 | 1 |
| 1:15 PM | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 5 | 154 | 0 | 0 | 0 | 180 | 3 | 351 | 1,368 | 0 | 2 | 0 | 2 |
| 1:30 PM | 0 | 2 | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 6 | 161 | 0 | 0 | 0 | 157 | 2 | 334 | 1,362 | 0 | 0 | 0 | 0 |
| 1:45 PM | 0 | 4 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 1 | 137 | 0 | 0 | 0 | 172 | 5 | 324 | 1,375 | 0 | 0 | 0 | 0 |
| 2:00 PM | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 7 | 163 | 0 | 0 | 0 | 180 | 3 | 359 | 1,486 | 0 | 0 | 0 | 0 |
| 2:15 PM | 0 | 1 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 3 | 155 | 0 | 0 | 0 | 172 | 7 | 345 | 1,467 | 0 | 1 | 0 | 0 |
| 2:30 PM | 0 | 2 | 0 | 9 | 0 | 1 | 0 | 0 | 0 | 3 | 183 | 0 | 0 | 0 | 147 | 2 | 347 | 1,526 | 0 | 0 | 0 | 0 |
| 2:45 PM | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 214 | 0 | 0 | 0 | 212 | 1 | 435 | 1,597 | 0 | 0 | 0 | 0 |
| 3:00 PM | 0 | 5 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 3 | 156 | 0 | 0 | 0 | 169 | 3 | 340 | 1,582 | 0 | 0 | 0 | 0 |


| 3:15 PM | 0 | 6 | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 10 | 177 | 0 | 0 | 0 | 199 | 5 | 404 | 1,657 | 0 | 0 | 0 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3:30 PM | 0 | 4 | 0 | 7 | 0 | 0 | 0 | 1 | 0 | 5 | 148 | 0 | 0 | 0 | 248 | 5 | 418 | 1,639 | 2 | 0 | 0 | 0 |
| 3:45 PM | 0 | 3 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 3 | 195 | 0 | 0 | 0 | 211 | 2 | 420 | 1,574 | 0 | 2 | 0 | 0 |
| 4:00 PM | 0 | 3 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 179 | 0 | 0 | 1 | 210 | 6 | 415 | 1,540 | 0 | 3 | 0 | 1 |
| 4:15 PM | 0 | 8 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 159 | 0 | 0 | 0 | 207 | 4 | 386 | 1,510 | 1 | 0 | 0 | 1 |
| 4:30 PM | 0 | 1 | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 2 | 149 | 1 | 0 | 0 | 186 | 7 | 353 | 1,466 | 0 | 5 | 0 | 0 |
| 4:45 PM | 0 | 3 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 7 | 172 | 0 | 0 | 0 | 189 | 6 | 386 | 1,490 | 4 | 0 | 0 | 0 |
| 5:00 PM | 0 | 8 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 167 | 0 | 0 | 0 | 191 | 5 | 385 | 1,455 | 0 | 0 | 0 | 0 |
| 5:15 PM | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 141 | 0 | 0 | 0 | 181 | 8 | 342 | 1,408 | 2 | 0 | 0 | 0 |
| 5:30 PM | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 171 | 0 | 0 | 0 | 197 | 3 | 377 | 1,399 | 1 | 0 | 0 | 0 |
| 5:45 PM | 0 | 7 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 10 | 148 | 0 | 0 | 0 | 176 | 4 | 351 |  | 1 | 0 | 0 | 2 |
| 6:00 PM | 0 | 2 | 0 | 7 | 0 | 0 | 0 | 1 | 0 | 5 | 161 | 0 | 0 | 0 | 156 | 6 | 338 |  | 0 | 3 | 0 | 0 |
| 6:15 PM | 0 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 141 | 0 | 0 | 0 | 176 | 4 | 333 |  | 0 | 0 | 0 | 0 |

## Peak Rolling Hour Flow Rates

| Vehicle Type | Eastbound |  |  |  | Westbound |  |  |  | Northbound |  |  |  | Southbound |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |
| Articulated Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 3 |
| Lights | 0 | 16 | 0 | 27 | 0 | 0 | 0 | 2 | 0 | 26 | 691 | 0 | 0 | 1 | 833 | 18 | 1,614 |
| Mediums | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 33 | 0 | 40 |
| Total | 0 | 16 | 0 | 27 | 0 | 0 | 0 | 2 | 0 | 26 | 699 | 0 | 0 | 1 | 868 | 18 | 1,657 |

All Traffic Data

(303) 216-2439
www.alltrafficdata.net

Location: 5 SR 247 \& Ell St AM
Date and Start Time: Wednesday, May 16, 2018
Peak Hour: 03:15 PM - 04:15 PM
Peak 15-Minutes: 03:45 PM - 04:00 PM


Peak Hour - Pedestrians/Bicycles in Crosswalk


Note: Total study counts contained in parentheses.
Traffic Counts

| Interval | Driveway Eastbound |  |  |  | Ell St <br> Westbound |  |  |  | SR 247 <br> Northbound |  |  |  | SR 247 <br> Southbound |  |  |  | Total | Rolling Hour | Pedestrain Crossings |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |  | West | East | South | North |
| 6:30 AM | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 41 | 1 | 0 | 1 | 60 | 0 | 108 | 646 | 1 | 0 | 0 | 0 |
| 6:45 AM | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 55 | 2 | 0 | 2 | 63 | 1 | 127 | 832 | 1 | 0 | 0 | 0 |
| 7:00 AM | 0 | 1 | 0 | 1 | 0 | 4 | 0 | 6 | 0 | 0 | 87 | 4 | 0 | 5 | 83 | 1 | 192 | 987 | 2 | 1 | 0 | 0 |
| 7:15 AM | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 102 | 4 | 0 | 7 | 96 | 4 | 219 | 1,088 | 1 | 0 | 0 | 0 |
| 7:30 AM | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 152 | 6 | 0 | 4 | 126 | 0 | 294 | 1,179 | 1 | 0 | 0 | 0 |
| 7:45 AM | 0 | 3 | 0 | 3 | 0 | 3 | 1 | 4 | 0 | 2 | 143 | 4 | 0 | 10 | 108 | 1 | 282 | 1,198 | 0 | 0 | 0 | 0 |
| 8:00 AM | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 8 | 0 | 1 | 138 | 3 | 0 | 6 | 126 | 6 | 293 | 1,222 | 0 | 0 | 0 | 0 |
| 8:15 AM | 0 | 3 | 1 | 2 | 0 | 2 | 1 | 6 | 0 | 3 | 128 | 11 | 0 | 8 | 143 | 2 | 310 |  | 0 | 1 | 0 | 0 |
| 8:30 AM | 0 | 1 | 1 | 2 | 0 | 8 | 0 | 9 | 0 | 2 | 128 | 15 | 0 | 11 | 135 | 1 | 313 |  | 0 | 0 | 1 | 0 |
| 8:45 AM | 0 | 2 | 0 | 2 | 0 | 7 | 0 | 2 | 0 | 1 | 138 | 12 | 0 | 9 | 131 | 2 | 306 |  | 0 | 0 | 0 | 0 |
| 9:00 AM | 0 | 2 | 2 | 3 | 0 | 4 | 0 | 5 | 0 | 1 | 102 | 8 | 0 | 8 | 101 | 5 | 241 | 976 | 0 | 1 | 0 | 0 |
| 9:15 AM | 0 | 4 | 0 | 1 | 0 | 5 | 0 | 4 | 0 | 0 | 106 | 5 | 0 | 7 | 106 | 3 | 241 | 999 | 2 | 1 | 0 | 0 |
| 9:30 AM | 0 | 2 | 0 | 0 | 0 | 8 | 0 | 7 | 0 | 0 | 91 | 9 | 0 | 3 | 136 | 2 | 258 | 1,028 | 0 | 1 | 0 | 0 |
| 9:45 AM | 0 | 6 | 0 | 2 | 0 | 2 | 0 | 4 | 0 | 0 | 107 | 3 | 0 | 2 | 105 | 5 | 236 | 1,062 | 1 | 1 | 0 | 0 |
| 10:00 AM | 0 | 1 | 1 | 3 | 0 | 8 | 0 | 6 | 0 | 2 | 104 | 4 | 0 | 10 | 123 | 2 | 264 | 1,112 | 0 | 1 | 1 | 0 |
| 10:15 AM | 0 | 2 | 1 | 2 | 0 | 9 | 0 | 5 | 0 | 0 | 104 | 5 | 0 | 4 | 130 | 8 | 270 | 1,103 | 1 | 0 | 1 | 0 |
| 10:30 AM | 0 | 4 | 2 | 3 | 0 | 9 | 0 | 8 | 0 | 2 | 122 | 3 | 0 | 6 | 128 | 5 | 292 | 1,107 | 1 | 1 | 1 | 0 |
| 10:45 AM | 0 | 5 | 1 | 2 | 0 | 3 | 0 | 7 | 0 | 2 | 123 | 8 | 0 | 11 | 119 | 5 | 286 | 1,146 | 2 | 3 | 0 | 0 |
| 11:00 AM | 0 | 8 | 1 | 3 | 0 | 2 | 1 | 6 | 0 | 0 | 109 | 3 | 0 | 7 | 114 | 1 | 255 | 1,215 | 1 | 0 | 0 | 0 |
| 11:15 AM | 0 | 6 | 0 | 2 | 0 | 4 | 0 | 12 | 0 | 2 | 103 | 2 | 0 | 10 | 130 | 3 | 274 | 1,266 | 1 | 3 | 0 | 0 |
| 11:30 AM | 0 | 7 | 0 | 9 | 0 | 4 | 1 | 4 | 0 | 0 | 135 | 6 | 0 | 16 | 139 | 10 | 331 | 1,304 | 0 | 0 | 0 | 0 |
| 11:45 AM | 0 | 4 | 0 | 2 | 0 | 5 | 0 | 15 | 0 | 1 | 136 | 10 | 0 | 8 | 170 | 4 | 355 | 1,283 | 1 | 1 | 0 | 0 |
| 12:00 PM | 0 | 3 | 0 | 4 | 0 | 6 | 1 | 7 | 0 | 2 | 112 | 4 | 0 | 7 | 156 | 4 | 306 | 1,233 | 2 | 0 | 0 | 0 |
| 12:15 PM | 0 | 8 | 2 | 2 | 0 | 2 | 0 | 5 | 0 | 1 | 125 | 12 | 0 | 6 | 147 | 2 | 312 | 1,263 | 1 | 2 | 0 | 0 |
| 12:30 PM | 0 | 5 | 2 | 5 | 0 | 4 | 0 | 9 | 0 | 1 | 128 | 11 | 0 | 4 | 140 | 1 | 310 | 1,308 | 0 | 1 | 1 | 0 |
| 12:45 PM | 0 | 6 | 0 | 2 | 0 | 2 | 1 | 8 | 0 | 1 | 129 | 8 | 0 | 2 | 144 | 2 | 305 | 1,353 | 0 | 0 | 0 | 0 |
| 1:00 PM | 0 | 6 | 0 | 8 | 0 | 4 | 1 | 7 | 0 | 0 | 148 | 6 | 0 | 14 | 138 | 4 | 336 | 1,394 | 1 | 1 | 1 | 0 |
| 1:15 PM | 0 | 10 | 0 | 4 | 0 | 2 | 0 | 8 | 0 | 2 | 142 | 8 | 0 | 8 | 170 | 3 | 357 | 1,437 | 1 | 1 | 1 | 0 |
| 1:30 PM | 0 | 3 | 2 | 5 | 0 | 5 | 0 | 11 | 0 | 1 | 153 | 6 | 0 | 8 | 160 | 1 | 355 | 1,447 | 0 | 0 | 0 | 0 |
| 1:45 PM | 0 | 12 | 1 | 4 | 0 | 3 | 1 | 8 | 0 | 3 | 121 | 8 | 0 | 9 | 172 | 4 | 346 | 1,456 | 0 | 2 | 0 | 0 |
| 2:00 PM | 0 | 4 | 0 | 4 | 0 | 5 | 2 | 14 | 0 | 2 | 149 | 10 | 0 | 9 | 179 | 1 | 379 | 1,573 | 0 | 0 | 0 | 0 |
| 2:15 PM | 0 | 5 | 0 | 3 | 0 | 10 | 0 | 6 | 0 | 1 | 155 | 6 | 0 | 11 | 166 | 4 | 367 | 1,540 | 2 | 0 | 0 | 0 |
| 2:30 PM | 0 | 4 | 0 | 9 | 0 | 4 | 0 | 7 | 0 | 3 | 173 | 6 | 0 | 9 | 146 | 3 | 364 | 1,590 | 0 | 1 | 0 | 0 |
| 2:45 PM | 0 | 5 | 1 | 6 | 0 | 3 | 1 | 20 | 0 | 0 | 194 | 9 | 0 | 11 | 208 | 5 | 463 | 1,647 | 0 | 0 | 0 | 0 |
| 3:00 PM | 0 | 2 | 0 | 5 | 0 | 7 | 0 | 12 | 0 | 1 | 143 | 10 | 0 | 7 | 157 | 2 | 346 | 1,648 | 1 | 1 | 1 | 0 |


| 3:15 PM | 0 | 5 | 2 | 5 | 0 | 6 | 0 | 20 | 0 | 2 | 159 | 8 | 0 | 5 | 200 | 5 | 417 | 1,722 | 1 | 0 | 0 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3:30 PM | 0 | 1 | 1 | 2 | 0 | 7 | 0 | 8 | 0 | 0 | 145 | 11 | 0 | 14 | 228 | 4 | 421 | 1,709 | 0 | 2 | 0 | 0 |
| 3:45 PM | 0 | 3 | 1 | 2 | 0 | 9 | 0 | 8 | 0 | 2 | 192 | 22 | 0 | 7 | 213 | 5 | 464 | 1,659 | 1 | 1 | 0 | 1 |
| 4:00 PM | 0 | 7 | 0 | 2 | 0 | 7 | 0 | 12 | 0 | 4 | 170 | 11 | 0 | 12 | 193 | 2 | 420 | 1,599 | 0 | 1 | 0 | 0 |
| 4:15 PM | 0 | 7 | 1 | 3 | 0 | 5 | 0 | 10 | 0 | 1 | 152 | 8 | 0 | 10 | 205 | 2 | 404 | 1,581 | 1 | 2 | 1 | 0 |
| 4:30 PM | 0 | 7 | 0 | 3 | 0 | 7 | 1 | 12 | 0 | 3 | 137 | 7 | 0 | 9 | 179 | 6 | 371 | 1,534 | 2 | 0 | 1 | 0 |
| 4:45 PM | 0 | 5 | 1 | 5 | 0 | 7 | 1 | 16 | 0 | 2 | 165 | 10 | 0 | 16 | 175 | 1 | 404 | 1,561 | 0 | 0 | 0 | 0 |
| 5:00 PM | 0 | 3 | 1 | 4 | 0 | 5 | 0 | 16 | 0 | 1 | 159 | 10 | 0 | 16 | 185 | 2 | 402 | 1,512 | 1 | 0 | 0 | 0 |
| 5:15 PM | 0 | 4 | 0 | 2 | 0 | 4 | 1 | 13 | 0 | 2 | 136 | 9 | 0 | 8 | 174 | 4 | 357 | 1,460 | 0 | 1 | 0 | 0 |
| 5:30 PM | 0 | 3 | 1 | 5 | 0 | 6 | 1 | 11 | 0 | 2 | 153 | 11 | 0 | 16 | 186 | 3 | 398 | 1,455 | 0 | 0 | 0 | 0 |
| 5:45 PM | 0 | 7 | 0 | 4 | 0 | 7 | 0 | 10 | 0 | 0 | 135 | 8 | 0 | 8 | 173 | 3 | 355 |  | 0 | 0 | 0 | 0 |
| 6:00 PM | 0 | 5 | 0 | 2 | 0 | 6 | 0 | 16 | 0 | 2 | 145 | 10 | 0 | 13 | 147 | 4 | 350 |  | 2 | 1 | 0 | 0 |
| 6:15 PM | 0 | 6 | 1 | 1 | 0 | 6 | 0 | 19 | 0 | 1 | 125 | 6 | 0 | 12 | 172 | 3 | 352 |  | 1 | 0 | 0 | 0 |

## Peak Rolling Hour Flow Rates

|  | Eastbound |  |  |  | Westbound |  |  |  | Northbound |  |  |  | Southbound |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vehicle Type | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |
| Articulated Trucks | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 3 |
| Lights | 0 | 16 | 4 | 10 | 0 | 29 | 0 | 48 | 0 | 8 | 656 | 43 | 0 | 38 | 798 | 16 | 1,666 |
| Mediums | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 9 | 0 | 0 | 35 | 0 | 53 |
| Total | 0 | 16 | 4 | 11 | 0 | 29 | 0 | 48 | 0 | 8 | 666 | 52 | 0 | 38 | 834 | 16 | 1,722 |

(303) 216-2439
www.alltrafficdata.net
Location: 6 SR 247 \& Eisenhower Pkwy AM
Date and Start Time: Wednesday, May 16, 2018
Peak Hour: 04:45 PM - 05:45 PM
Peak 15-Minutes: 05:00 PM - 05:15 PM


Peak Hour - Pedestrians/Bicycles in Crosswalk


Note: Total study counts contained in parentheses.
Traffic Counts

| Interval | Eisenhower Pkwy Eastbound |  |  |  | Eisenhower Pkwy Westbound |  |  |  | SR 247 <br> Northbound |  |  |  | SR 247 <br> Southbound |  |  |  | Total | Rolling Hour | Pedestrain Crossings |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | U-Turn | Left | Thru | Right | U-Turn | Left | Thru R | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |  | West | East | South | North |
| 6:30 AM | 0 | 2 | 58 | 16 | 1 | 19 | 37 | 6 | 0 | 8 | 30 | 25 | 0 | 15 | 39 | 5 | 261 | 1,468 | 0 | 0 | 0 | 0 |
| 6:45 AM | 0 | 6 | 101 | 15 | 0 | 11 | 55 | 8 | 0 | 20 | 41 | 21 | 0 | 17 | 46 | 2 | 343 | 1,766 | 0 | 0 | 0 | 0 |
| 7:00 AM | 0 | 7 | 77 | 16 | 0 | 23 | 72 | 9 | 0 | 14 | 60 | 20 | 0 | 17 | 63 | 3 | 381 | 2,048 | 0 | 0 | 0 | 0 |
| 7:15 AM | 0 | 4 | 115 | 6 | 1 | 22 | 89 | 16 | 0 | 24 | 83 | 30 | 0 | 22 | 62 | 9 | 483 | 2,255 | 0 | 0 | 0 | 0 |
| 7:30 AM | 0 | 16 | 98 | 15 | 0 | 21 | 113 | 23 | 0 | 32 | 99 | 24 | 0 | 16 | 91 | 11 | 559 | 2,383 | 0 | 1 | 0 | 0 |
| 7:45 AM | 0 | 15 | 143 | 10 | 1 | 24 | 148 | 19 | 0 | 36 | 97 | 28 | 0 | 19 | 74 | 11 | 625 | 2,469 | 0 | 0 | 0 | 0 |
| 8:00 AM | 0 | 16 | 120 | 24 | 1 | 17 | 122 | 19 | 1 | 37 | 88 | 23 | 0 | 17 | 88 | 15 | 588 | 2,410 | 0 | 0 | 0 | 0 |
| 8:15 AM | 0 | 11 | 132 | 11 | 0 | 23 | 114 | 18 | 0 | 36 | 93 | 29 | 0 | 16 | 104 | 24 | 611 |  | 0 | 0 | 0 | 0 |
| 8:30 AM | 0 | 22 | 114 | 18 | 0 | 30 | 144 | 16 | 0 | 41 | 102 | 26 | 0 | 16 | 98 | 18 | 645 |  | 0 | 0 | 0 | 0 |
| 8:45 AM | 0 | 18 | 101 | 18 | 0 | 29 | 128 | 13 | 0 | 28 | 97 | 17 | 0 | 15 | 79 | 23 | 566 |  | 0 | 0 | 0 | 0 |
| 9:00 AM | 0 | 23 | 85 | 19 | 0 | 21 | 103 | 17 | 0 | 26 | 63 | 28 | 0 | 15 | 64 | 17 | 481 | 2,040 | 0 | 0 | 0 | 0 |
| 9:15 AM | 0 | 18 | 64 | 21 | 0 | 21 | 126 | 14 | 0 | 31 | 66 | 23 | 0 | 20 | 70 | 22 | 496 | 2,102 | 0 | 0 | 0 | 0 |
| 9:30 AM | 0 | 7 | 43 | 16 | 0 | 27 | 161 | 19 | 0 | 28 | 62 | 24 | 0 | 28 | 106 | 17 | 538 | 2,151 | 0 | 0 | 1 | 1 |
| 9:45 AM | 0 | 10 | 91 | 22 | 0 | 22 | 134 | 16 | 0 | 28 | 74 | 36 | 0 | 11 | 72 | 9 | 525 | 2,200 | 0 | 1 | 1 | 0 |
| 10:00 AM | 0 | 9 | 98 | 25 | 0 | 28 | 105 | 16 | 0 | 33 | 70 | 32 | 0 | 26 | 88 | 13 | 543 | 2,270 | 1 | 1 | 1 | 0 |
| 10:15 AM | 0 | 24 | 117 | 21 | 0 | 28 | 95 | 15 | 0 | 35 | 62 | 27 | 0 | 12 | 87 | 22 | 545 | 2,292 | 0 | 0 | 0 | 0 |
| 10:30 AM | 0 | 14 | 93 | 28 | 0 | 21 | 118 | 24 | 0 | 35 | 77 | 29 | 0 | 21 | 106 | 21 | 587 | 2,304 | 0 | 0 | 0 | 0 |
| 10:45 AM | 0 | 21 | 87 | 20 | 0 | 29 | 130 | 25 | 0 | 49 | 88 | 24 | 0 | 24 | 80 | 18 | 595 | 2,381 | 0 | 0 | 0 | 0 |
| 11:00 AM | 0 | 19 | 117 | 22 | 0 | 19 | 133 | 20 | 0 | 45 | 67 | 17 | 0 | 21 | 65 | 20 | 565 | 2,454 | 0 | 0 | 0 | 1 |
| 11:15 AM | 0 | 17 | 97 | 19 | 0 | 20 | 121 | 23 | 0 | 35 | 63 | 24 | 0 | 19 | 96 | 23 | 557 | 2,552 | 0 | 0 | 0 | 0 |
| 11:30 AM | 0 | 25 | 115 | 20 | 0 | 32 | 154 | 25 | 0 | 36 | 82 | 22 | 0 | 30 | 93 | 30 | 664 | 2,665 | 0 | 0 | 0 | 1 |
| 11:45 AM | 0 | 25 | 117 | 15 | 0 | 21 | 161 | 27 | 0 | 40 | 83 | 21 | 0 | 27 | 101 | 30 | 668 | 2,739 | 0 | 0 | 0 | 0 |
| 12:00 PM | 0 | 21 | 121 | 21 | 2 | 33 | 146 | 23 | 0 | 36 | 77 | 23 | 0 | 28 | 104 | 28 | 663 | 2,739 | 0 | 0 | 0 | 0 |
| 12:15 PM | 0 | 23 | 110 | 36 | 0 | 37 | 152 | 16 | 0 | 41 | 80 | 25 | 0 | 27 | 97 | 26 | 670 | 2,871 | 0 | 0 | 0 | 0 |
| 12:30 PM | 0 | 19 | 119 | 37 | 1 | 33 | 157 | 20 | 0 | 55 | 89 | 38 | 0 | 36 | 98 | 36 | 738 | 2,963 | 0 | 0 | 1 | 1 |
| 12:45 PM | 1 | 34 | 129 | 30 | 1 | 38 | 132 | 22 | 0 | 46 | 71 | 27 | 0 | 30 | 86 | 21 | 668 | 2,934 | 0 | 0 | 0 | 1 |
| 1:00 PM | 1 | 35 | 149 | 28 | 0 | 41 | 172 | 26 | 0 | 54 | 92 | 23 | 0 | 34 | 118 | 22 | 795 | 2,991 | 0 | 1 | 0 | 0 |
| 1:15 PM | 1 | 19 | 159 | 36 | 2 | 36 | 140 | 29 | 0 | 56 | 86 | 32 | 0 | 29 | 113 | 24 | 762 | 2,947 | 1 | 0 | 0 | 0 |
| 1:30 PM | 0 | 26 | 114 | 19 | 1 | 30 | 137 | 25 | 0 | 63 | 95 | 35 | 0 | 28 | 109 | 27 | 709 | 2,987 | 0 | 0 | 0 | 0 |
| 1:45 PM | 0 | 23 | 112 | 32 | 1 | 36 | 134 | 17 | 0 | 44 | 84 | 43 | 0 | 35 | 125 | 39 | 725 | 2,983 | 1 | 0 | 0 | 0 |
| 2:00 PM | 1 | 32 | 123 | 27 | 0 | 37 | 144 | 22 | 0 | 43 | 104 | 35 | 0 | 34 | 125 | 24 | 751 | 3,013 | 0 | 0 | 0 | 0 |
| 2:15 PM | 0 | 32 | 154 | 35 | 0 | 34 | 166 | 33 | 0 | 42 | 97 | 37 | 0 | 32 | 112 | 28 | 802 | 2,974 | 0 | 1 | 0 | 0 |
| 2:30 PM | 0 | 26 | 117 | 28 | 0 | 26 | 151 | 34 | 0 | 39 | 104 | 27 | 0 | 25 | 103 | 25 | 705 | 2,918 | 1 | 0 | 0 | 2 |
| 2:45 PM | 0 | 26 | 100 | 32 | 1 | 26 | 138 | 25 | 0 | 41 | 136 | 41 | 0 | 34 | 129 | 26 | 755 | 2,996 | 0 | 0 | 0 | 0 |
| 3:00 PM | 0 | 17 | 120 | 29 | 0 | 24 | 130 | 17 | 0 | 51 | 110 | 35 | 0 | 31 | 120 | 28 | 712 | 3,067 | 0 | 0 | 0 | 2 |


| 3:15 PM | 0 | 26 | 124 | 33 | 0 | 38 | 141 | 25 | 0 | 42 | 119 | 25 | 0 | 28 | 120 | 25 | 746 | 3,149 | 0 | 1 | 0 | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3:30 PM | 1 | 25 | 111 | 29 | 0 | 26 | 134 | 23 | 0 | 49 | 110 | 33 | 0 | 39 | 167 | 36 | 783 | 3,166 | 0 | 0 | 1 | 0 |
| 3:45 PM | 0 | 29 | 118 | 27 | 0 | 44 | 179 | 37 | 0 | 39 | 131 | 23 | 0 | 30 | 136 | 33 | 826 | 3,157 | 0 | 2 | 0 | 0 |
| 4:00 PM | 0 | 26 | 124 | 30 | 0 | 30 | 160 | 36 | 0 | 37 | 106 | 25 | 0 | 46 | 139 | 35 | 794 | 3,110 | 0 | 0 | 1 | 0 |
| 4:15 PM | 1 | 17 | 124 | 27 | 2 | 42 | 140 | 16 | 0 | 45 | 113 | 33 | 0 | 27 | 142 | 34 | 763 | 3,164 | 0 | 0 | 0 | 0 |
| 4:30 PM | 0 | 22 | 147 | 40 | 2 | 39 | 175 | 21 | 0 | 50 | 87 | 13 | 0 | 38 | 118 | 22 | 774 | 3,166 | 0 | 0 | 1 | 2 |
| 4:45 PM | 0 | 20 | 134 | 26 | 0 | 41 | 156 | 28 | 0 | 35 | 108 | 28 | 0 | 26 | 148 | 29 | 779 | 3,185 | 0 | 1 | 0 | 0 |
| 5:00 PM | 0 | 34 | 143 | 34 | 1 | 42 | 211 | 29 | 0 | 63 | 94 | 34 | 0 | 25 | 111 | 27 | 848 | 3,144 | 0 | 0 | 0 | 0 |
| 5:15 PM | 0 | 17 | 101 | 31 | 0 | 40 | 190 | 29 | 0 | 49 | 98 | 26 | 0 | 28 | 130 | 26 | 765 | 2,965 | 0 | 0 | 0 | 0 |
| 5:30 PM | 0 | 24 | 149 | 29 | 1 | 30 | 192 | 26 | 0 | 54 | 95 | 23 | 0 | 31 | 119 | 20 | 793 | 2,842 | 0 | 0 | 0 | 0 |
| 5:45 PM | 0 | 16 | 141 | 36 | 1 | 25 | 137 | 25 | 0 | 41 | 103 | 28 | 0 | 28 | 124 | 33 | 738 |  | 0 | 0 | 0 | 0 |
| 6:00 PM | 0 | 30 | 107 | 22 | 2 | 34 | 137 | 32 | 0 | 31 | 88 | 42 | 0 | 24 | 90 | 30 | 669 |  | 1 | 1 | 0 | 0 |
| 6:15 PM | 0 | 22 | 127 | 34 | 1 | 27 | 110 | 20 | 0 | 39 | 74 | 29 | 0 | 20 | 114 | 25 | 642 |  | 0 | 1 | 0 | 0 |

## Peak Rolling Hour Flow Rates

|  | Eastbound |  |  |  | Westbound |  |  |  | Northbound |  |  |  | Southbound |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vehicle Type | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right | U-Turn | Left | Thru | Right |  |
| Articulated Trucks | 0 | 0 | 10 | 0 | 1 | 0 | 14 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 29 |
| Lights | 0 | 93 | 507 | 120 | 1 | 152 | 731 | 107 | 0 | 200 | 385 | 111 | 0 | 108 | 505 | 100 | 3,120 |
| Mediums | 0 | 2 | 10 | 0 | 0 | 1 | 4 | 4 | 0 | 1 | 9 | 0 | 0 | 0 | 3 | 2 | 36 |
| Total | 0 | 95 | 527 | 120 | 2 | 153 | 749 | 112 | 0 | 201 | 395 | 111 | 0 | 110 | 508 | 102 | 3,185 |

alltrafficdata.net
Site Code: 1 Station ID: 1
SR247 - PIO NONO AVENUE SOUTH OF
MERCER UNIV. DRIVE
Latitude: 0' 0.0000 Undefined

| NB |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start | Bikes |  <br> Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | $<5$ AxI Double | 5 Axle Double | >6 AxI Double | $\begin{array}{r} \text { <6 AxI } \\ \text { Multi } \end{array}$ | 6 Axle Multi | $\begin{array}{r} >6 \mathrm{AxI} \\ \text { Multi } \end{array}$ |  |
| Time |  |  |  |  |  |  |  |  |  |  |  |  |  | Total |
| 05/16/18 | 0 | 28 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 00:15 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 00:30 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 00:45 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
|  | 0 | 97 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| 01:00 | 2 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 01:15 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 01:30 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 01:45 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
|  | 2 | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 |
| 02:00 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 02:15 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 02:30 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 02:45 | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
|  | 3 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| 03:00 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 03:15 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 03:30 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 03:45 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
|  | 0 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| 04:00 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 04:15 | 0 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 04:30 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 04:45 | 0 | 10 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
|  | 1 | 30 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| 05:00 | 0 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 05:15 | 0 | 21 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 25 |
| 05:30 | 0 | 22 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 05:45 | 0 | 28 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
|  | 0 | 83 | 1 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 90 |
| 06:00 | 0 | 19 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
|  | 1 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| $\begin{aligned} & \text { 06:15 } \\ & \text { 06:30 } \end{aligned}$ | 1 | 32 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| 06:45 | 0 | 49 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 |
|  | 2 | 124 | 8 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 145 |
| 07:00 | 1 | 77 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 82 |
| 07:15 | 0 | 96 | 3 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 101 |
| 07:30 | 2 | 116 | 4 | 0 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 127 |
| 07:45 | 3 | 143 | 7 | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 157 |
|  | 6 | 432 | 14 | 0 | 9 | 1 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 467 |
| 08:00 | 2 | 121 | 3 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 132 |
|  | 3 | 99 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 |
| $\begin{aligned} & \text { 08:15 } \\ & 08: 30 \end{aligned}$ | 0 | 103 | 4 | 1 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 113 |
| 08:45 | 3 | 101 | 3 | 0 | 16 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 125 |
|  | 8 | 424 | 11 | 1 | 27 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 477 |
| 09:00 | 3 | 98 | 5 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 109 |
|  | 0 | 82 | 4 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 |
| $\begin{aligned} & \text { 09:15 } \\ & 09: 30 \end{aligned}$ | 2 | 70 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 76 |
| 09:45 | 2 | 100 | 2 | 0 | 4 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 110 |
|  | 7 | 350 | 13 | 1 | 12 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 386 |
| 10:00 | 2 | 78 | 7 | 0 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 92 |
| 10:15 | 1 | 87 | 9 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 |
| 10:30 | 5 | 98 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106 |
| 10:45 | 0 | 109 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115 |
|  | 8 | 372 | 21 | 0 | 5 | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 412 |
| 11:00 | 0 | 109 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115 |
|  | 1 | 99 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 |
| $\begin{aligned} & 11: 15 \\ & 11: 30 \end{aligned}$ | 5 | 91 | 6 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| 11:45 | 1 | 104 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110 |
|  | 7 | 403 | 18 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 437 |
| TotalPercent | 44 | 2455 | 88 | 2 | 77 | 9 | 2 | 6 | 5 | 2 | 0 | 0 | 0 | 2690 |
|  | 1.6\% | 91.3\% | 3.3\% | 0.1\% | 2.9\% | 0.3\% | 0.1\% | 0.2\% | 0.2\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% |  |

alltrafficdata.net
Site Code: 1 Station ID: 1
SR247-PIO NONO AVENUE SOUTH OF
MERCER UNIV. DRIVE
Latitude: 0' 0.0000 Undefined
NB

| Start <br> Time | Bikes |  <br> Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | $<5$ AxI Double | 5 Axle Double | $>6 \mathrm{AxI}$ <br> Double | $\begin{array}{r} <6 \mathrm{AxI} \\ \text { Multi } \end{array}$ | 6 Axle Multi | $\begin{array}{r} >6 \text { AxI } \\ \text { Multi } \end{array}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12 PM | 2 | 108 | 2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119 |
| 12:15 | 2 | 105 | 6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115 |
| 12:30 | 1 | 103 | 8 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115 |
| 12:45 | 3 | 125 | 10 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140 |
|  | 8 | 441 | 26 | 0 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 489 |
| 13:00 | 2 | 124 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 132 |
| 13:15 | 1 | 120 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 127 |
| 13:30 | 3 | 114 | 9 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 |
| 13:45 | 1 | 104 | 3 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 |
|  | 7 | 462 | 22 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 501 |
| 14:00 | 3 | 121 | 8 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 136 |
| 14:15 | 8 | 128 | 3 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 143 |
| 14:30 | 2 | 147 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154 |
| 14:45 | 6 | 155 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 165 |
|  | 19 | 551 | 16 | 1 | 6 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 598 |
| 15:00 | 9 | 120 | 5 | 0 | 3 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 141 |
| 15:15 | 6 | 146 | 4 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| 15:30 | 5 | 160 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167 |
| 15:45 | 3 | 149 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 160 |
|  | 23 | 575 | 17 | 0 | 5 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 627 |
| 16:00 | 0 | 143 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 148 |
| 16:15 | 3 | 131 | 6 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| 16:30 | 0 | 109 | 5 | 0 | 9 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 126 |
| 16:45 | 2 | 135 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
|  | 5 | 518 | 14 | 0 | 17 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 560 |
| 17:00 | 5 | 131 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 141 |
| 17:15 | 1 | 130 | 7 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 140 |
| 17:30 | 1 | 122 | 5 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 130 |
| 17:45 | 1 | 115 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 121 |
|  | 8 | 498 | 18 | 1 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 532 |
| 18:00 | 3 | 108 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 114 |
| 18:15 | 2 | 94 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 103 |
| 18:30 | 4 | 134 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 141 |
| 18:45 | 1 | 95 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 |
|  | 10 | 431 | 14 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 459 |
| 19:00 | 0 | 83 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 |
| 19:15 | 0 | 86 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 89 |
| 19:30 | 5 | 85 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 92 |
| 19:45 | 3 | 83 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 |
|  | 8 | 337 | 8 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 356 |
| 20:00 | 3 | 89 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 |
| 20:15 | 0 | 101 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| 20:30 | 1 | 91 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94 |
| 20:45 | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
|  | 4 | 358 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 371 |
| 21:00 | 3 | 77 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82 |
| 21:15 | 0 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 |
| 21:30 | 0 | 68 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 |
| 21:45 | 0 | 48 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
|  | 3 | 267 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 275 |
| 22:00 | 2 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| 22:15 | 0 | 39 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| 22:30 | 0 | 39 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| 22:45 | 0 | 32 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
|  | 2 | 158 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 165 |
| 23:00 | 0 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| 23:15 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 23:30 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| 23:45 | 0 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
|  | 0 | 131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131 |
| Total | 97 | 4727 | 150 | 4 | 56 | 21 | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 5064 |
| Percent | 1.9\% | 93.3\% | 3.0\% | 0.1\% | 1.1\% | 0.4\% | 0.0\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |
| Grand Total | 141 | 7182 | 238 | 6 | 133 | 30 | 4 | 10 | 8 | 2 | 0 | 0 | 0 | 7754 |
| Percent | 1.8\% | 92.6\% | 3.1\% | 0.1\% | 1.7\% | 0.4\% | 0.1\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

alltrafficdata.net
Site Code: 1 Station ID: 1
SR247 - PIO NONO AVENUE SOUTH OF
MERCER UNIV. DRIVE
Latitude: 0' 0.0000 Undefined

| SB |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start |  | Cars \& | 2 Axle |  | 2 Axle | 3 Axle | 4 Axle | <5 AxI | 5 Axle | >6 AxI | <6 AxI | 6 Axle | >6 AxI |  |
| Time | Bikes | Trailers | Long | Buses | 6 Tire | Single | Single | Double | Double | Double | Multi | Multi | Multi | Total |
| 05/16/18 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 00:15 | 0 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 00:30 | 0 | 21 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 00:45 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
|  | 0 | 86 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 |
| 01:00 | 0 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 01:15 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 01:30 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 01:45 | 0 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
|  | 0 | 52 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 |
| 02:00 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 02:15 | 0 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 02:30 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 02:45 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
|  | 1 | 38 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| 03:00 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 03:15 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 03:30 | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 03:45 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
|  | 0 | 29 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| 04:00 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 04:15 | 0 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 04:30 | 0 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 04:45 | 0 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
|  | 0 | 31 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| 05:00 | 0 | 11 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 05:15 | 0 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 05:30 | 0 | 14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 05:45 | 0 | 17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
|  | 0 | 49 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| 06:00 | 1 | 21 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 06:15 | 0 | 25 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| 06:30 | 0 | 28 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| 06:45 | 1 | 42 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
|  | 2 | 116 | 8 | 10 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 145 |
| 07:00 | 1 | 51 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 |
| 07:15 | 0 | 73 | 4 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 |
| 07:30 | 0 | 85 | 5 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 92 |
| 07:45 | 5 | 75 | 9 | 3 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 |
|  | 6 | 284 | 20 | 3 | 6 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 328 |
| 08:00 | 2 | 76 | 2 | 1 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 85 |
| 08:15 | 1 | 85 | 4 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| 08:30 | 2 | 94 | 4 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 106 |
| 08:45 | 1 | 85 | 4 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94 |
|  | 6 | 340 | 14 | 5 | 3 | 13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 383 |
| 09:00 | 1 | 75 | 10 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 |
| 09:15 | 3 | 84 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 |
| 09:30 | 2 | 77 | 12 | 2 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 98 |
| 09:45 | 2 | 73 | 10 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 |
|  | 8 | 309 | 36 | 3 | 6 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 369 |
| 10:00 | 2 | 76 | 3 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 |
| 10:15 | 3 | 100 | 4 | 0 | 3 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 114 |
| 10:30 | 0 | 96 | 4 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104 |
| 10:45 | 1 | 94 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
|  | 6 | 366 | 17 | 3 | 6 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 408 |
| 11:00 | 0 | 85 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 |
| 11:15 | 0 | 106 | 8 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 117 |
| 11:30 | 0 | 123 | 9 | 1 | 2 | 5 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 143 |
| 11:45 | 2 | 101 | 12 | 1 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 124 |
|  | 2 | 415 | 36 | 2 | 6 | 11 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 477 |
| Total | 31 | 2115 | 143 | 28 | 37 | 48 | 2 | 4 | 4 | 0 | 0 | 1 | 0 | 2413 |
| Percent | 1.3\% | 87.7\% | 5.9\% | 1.2\% | 1.5\% | 2.0\% | 0.1\% | 0.2\% | 0.2\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

alltrafficdata.net
Site Code: 1 Station ID: 1
SR247 - PIO NONO AVENUE SOUTH OF
MERCER UNIV. DRIVE
Latitude: 0' 0.0000 Undefined
SB

| Start <br> Time | Bikes |  <br> Trailers | 2 Axle Long | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | $<5$ AxI Double | 5 Axle Double | $>6$ AxI Double | $\begin{array}{r} \text { <6 AxI } \\ \text { Multi } \end{array}$ | 6 Axle Multi | $\begin{array}{r} >6 \mathrm{AxI} \\ \text { Multi } \end{array}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12 PM | 1 | 102 | 14 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 121 |
| 12:15 | 2 | 99 | 5 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 114 |
| 12:30 | 2 | 95 | 12 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115 |
| 12:45 | 1 | 107 | 6 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 117 |
|  | 6 | 403 | 37 | 2 | 6 | 11 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 467 |
| 13:00 | 0 | 105 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 |
| 13:15 | 1 | 114 | 11 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 132 |
| 13:30 | 0 | 113 | 6 | 2 | 6 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 131 |
| 13:45 | 0 | 114 | 9 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131 |
|  | 1 | 446 | 33 | 5 | 15 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 507 |
| 14:00 | 0 | 91 | 11 | 0 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 112 |
| 14:15 | 3 | 122 | 14 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| 14:30 | 2 | 98 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 118 |
| 14:45 | 1 | 135 | 16 | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 158 |
|  | 6 | 446 | 57 | 2 | 12 | 6 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 532 |
| 15:00 | 0 | 107 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 114 |
| 15:15 | 3 | 140 | 8 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 154 |
| 15:30 | 9 | 151 | 11 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 173 |
| 15:45 | 5 | 151 | 9 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 169 |
|  | 17 | 549 | 33 | 3 | 3 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 610 |
| 16:00 | 3 | 120 | 5 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 132 |
| 16:15 | 0 | 133 | 9 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 146 |
| 16:30 | 0 | 120 | 7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 |
| 16:45 | 6 | 132 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 146 |
|  | 9 | 505 | 27 | 2 | 4 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 553 |
| 17:00 | 2 | 123 | 7 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 137 |
| 17:15 | 1 | 123 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130 |
| 17:30 | 1 | 131 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 138 |
| 17:45 | 1 | 124 | 6 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 134 |
|  | 5 | 501 | 22 | 3 | 3 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 539 |
| 18:00 | 0 | 112 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 121 |
| 18:15 | 0 | 100 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106 |
| 18:30 | 3 | 95 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| 18:45 | 1 | 95 | 6 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104 |
|  | 4 | 402 | 25 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 436 |
| 19:00 | 0 | 94 | 6 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| 19:15 | 0 | 81 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86 |
| 19:30 | 0 | 89 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 92 |
| 19:45 | 5 | 85 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97 |
|  | 5 | 349 | 17 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 |
| 20:00 | 0 | 95 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 |
| 20:15 | 0 | 78 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81 |
| 20:30 | 0 | 63 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 |
| 20:45 | 0 | 62 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 |
|  | 0 | 298 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 311 |
| 21:00 | 0 | 58 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 |
| 21:15 | 1 | 74 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78 |
| 21:30 | 0 | 52 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 |
| 21:45 | 0 | 52 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 56 |
|  | 1 | 236 | 13 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 252 |
| 22:00 | 0 | 43 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| 22:15 | 0 | 33 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| 22:30 | 0 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 22:45 | 1 | 29 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
|  | 1 | 129 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 141 |
| 23:00 | 0 | 34 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| 23:15 | 0 | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| 23:30 | 0 | 31 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| 23:45 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
|  | 0 | 116 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120 |
| Total | 55 | 4380 | 291 | 21 | 47 | 37 | 0 | 6 | 3 | 1 | 1 | 2 | 1 | 4845 |
| Percent | 1.1\% | 90.4\% | 6.0\% | 0.4\% | 1.0\% | 0.8\% | 0.0\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |
| Grand Total | 86 | 6495 | 434 | 49 | 84 | 85 | 2 | 10 | 7 | 1 | 1 | 3 | 1 | 7258 |
| Percent | 1.2\% | 89.5\% | 6.0\% | 0.7\% | 1.2\% | 1.2\% | 0.0\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

## Appendix D: Existing Intersection Analysis

|  | 4 |  |  |  |  |  | 4 | $\uparrow$ | $p$ |  | $\downarrow$ | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Detector Phase | 7 | 4 |  | 3 | 8 |  | 1 | 6 | 6 | 5 | 2 |  |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial (s) | 6.0 | 10.0 |  | 6.0 | 10.0 |  | 5.0 | 15.0 | 15.0 | 6.0 | 12.0 |  |
| Minimum Split (s) | 12.1 | 38.0 |  | 12.1 | 38.0 |  | 12.0 | 41.0 | 41.0 | 12.6 | 41.0 |  |
| Total Split (s) | 12.1 | 38.0 |  | 15.6 | 41.5 |  | 12.0 | 43.0 | 43.0 | 13.4 | 44.4 |  |
| Total Split (\%) | 11.0\% | 34.5\% |  | 14.2\% | 37.7\% |  | 10.9\% | 39.1\% | 39.1\% | 12.2\% | 40.4\% |  |
| Maximum Green (s) | 6.0 | 31.8 |  | 9.5 | 35.3 |  | 5.3 | 36.6 | 36.6 | 6.8 | 38.0 |  |
| Yellow Time (s) | 3.1 | 4.0 |  | 3.1 | 4.0 |  | 3.1 | 3.8 | 3.8 | 3.0 | 3.8 |  |
| All-Red Time (s) | 3.0 | 2.2 |  | 3.0 | 2.2 |  | 3.6 | 2.6 | 2.6 | 3.6 | 2.6 |  |
| Lost Time Adjust (s) | 0.0 | 0.0 |  | 0.0 | 0.0 |  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Total Lost Time (s) | 6.1 | 6.2 |  | 6.1 | 6.2 |  | 6.7 | 6.4 | 6.4 | 6.6 | 6.4 |  |
| Lead/Lag | Lead | Lag |  | Lead | Lag |  | Lead | Lag | Lag | Lead | Lag |  |
| Lead-Lag Optimize? | Yes | Yes |  | Yes | Yes |  | Yes | Yes | Yes | Yes | Yes |  |
| Vehicle Extension (s) | 3.0 | 3.0 |  | 3.0 | 3.0 |  | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |  |
| Recall Mode | None | None |  | None | None |  | None | Max | Max | None | Max |  |
| Walk Time (s) |  | 5.0 |  |  | 5.0 |  |  | 5.0 | 5.0 |  | 5.0 |  |
| Flash Dont Walk (s) |  | 20.0 |  |  | 25.0 |  |  | 29.0 | 29.0 |  | 29.0 |  |
| Pedestrian Calls (\#/hr) |  | 0 |  |  | 0 |  |  | 0 | 0 |  | 0 |  |
| Act Effct Green (s) | 6.1 | 27.1 |  | 8.4 | 34.2 |  | 42.2 | 37.1 | 37.1 | 47.6 | 43.9 |  |
| Actuated g/C Ratio | 0.06 | 0.27 |  | 0.08 | 0.33 |  | 0.41 | 0.36 | 0.36 | 0.47 | 0.43 |  |
| $\mathrm{V} / \mathrm{c}$ Ratio | 0.12 | 0.81 |  | 0.46 | 0.54 |  | 0.10 | 0.27 | 0.18 | 0.31 | 0.25 |  |
| Control Delay | 52.1 | 42.8 |  | 57.9 | 28.4 |  | 17.4 | 25.6 | 2.3 | 19.2 | 22.1 |  |
| Queue Delay | 0.0 | 0.0 |  | 0.0 | 0.0 |  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Total Delay | 52.1 | 42.8 |  | 57.9 | 28.4 |  | 17.4 | 25.6 | 2.3 | 19.2 | 22.1 |  |
| LOS | D | D |  | E | C |  | B | C | A | B | C |  |
| Approach Delay |  | 43.0 |  |  | 31.2 |  |  | 19.5 |  |  | 21.2 |  |
| Approach LOS |  | D |  |  | C |  |  | B |  |  | C |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |
| Area Type: | her |  |  |  |  |  |  |  |  |  |  |  |

Cycle Length: 110
Actuated Cycle Length: 102.1
Natural Cycle: 105
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.81

```
Intersection Signal Delay: 30.4
Intersection LOS: C
```

Intersection Capacity Utilization 67.0\%
ICU Level of Service C
Analysis Period (min) 15
Splits and Phases: 1: Pio Nono Ave / SR 247 \& Mercer University Dr / SR 74


|  | $\rangle$ |  |  | 1 |  |  | 4 | 4 |  |  | $\downarrow$ | $\checkmark$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Detector Phase | 7 | 4 | 4 | 3 | 8 |  | 1 | 6 |  | 5 | 2 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial (s) | 5.0 | 7.0 | 7.0 | 5.0 | 7.0 |  | 5.0 | 12.0 |  | 5.0 | 12.0 | 12.0 |
| Minimum Split (s) | 10.5 | 36.5 | 36.5 | 11.1 | 36.5 |  | 11.7 | 28.9 |  | 10.8 | 40.4 | 40.4 |
| Total Split (s) | 11.0 | 38.0 | 38.0 | 13.0 | 40.0 |  | 13.0 | 47.0 |  | 12.0 | 46.0 | 46.0 |
| Total Split (\%) | 10.0\% | 34.5\% | 34.5\% | 11.8\% | 36.4\% |  | 11.8\% | 42.7\% |  | 10.9\% | 41.8\% | 41.8\% |
| Maximum Green (s) | 5.5 | 31.5 | 31.5 | 7.0 | 33.5 |  | 7.1 | 41.1 |  | 6.2 | 40.1 | 40.1 |
| Yellow Time (s) | 3.3 | 4.2 | 4.2 | 3.0 | 4.2 |  | 3.1 | 4.3 |  | 3.0 | 4.3 | 4.3 |
| All-Red Time (s) | 2.2 | 2.3 | 2.3 | 3.0 | 2.3 |  | 2.8 | 1.6 |  | 2.8 | 1.6 | 1.6 |
| Lost Time Adjust (s) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |  | 0.0 | 0.0 |  | 0.0 | 0.0 | 0.0 |
| Total Lost Time (s) | 5.5 | 6.5 | 6.5 | 6.0 | 6.5 |  | 5.9 | 5.9 |  | 5.8 | 5.9 | 5.9 |
| Lead/Lag | Lead | Lag | Lag | Lead | Lag |  | Lead | Lag |  | Lead | Lag | Lag |
| Lead-Lag Optimize? | Yes | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes | Yes | Yes |
| Vehicle Extension (s) | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |  | 3.0 | 3.0 |  | 3.0 | 3.0 | 3.0 |
| Recall Mode | None | None | None | None | None |  | None | Max |  | None | Max | Max |
| Walk Time (s) |  | 5.0 | 5.0 |  | 5.0 |  |  | 5.0 |  |  | 5.0 | 5.0 |
| Flash Dont Walk (s) |  | 25.0 | 25.0 |  | 25.0 |  |  | 18.0 |  |  | 19.0 | 19.0 |
| Pedestrian Calls (\#/hr) |  | 0 | 0 |  | 0 |  |  | 0 |  |  | 0 | 0 |
| Act Effct Green (s) | 15.7 | 10.5 | 10.5 | 17.8 | 12.0 |  | 48.4 | 44.5 |  | 46.1 | 41.5 | 41.5 |
| Actuated g/C Ratio | 0.19 | 0.12 | 0.12 | 0.21 | 0.14 |  | 0.58 | 0.53 |  | 0.55 | 0.49 | 0.49 |
| $\mathrm{V} / \mathrm{C}$ Ratio | 0.21 | 0.47 | 0.48 | 0.28 | 0.53 |  | 0.16 | 0.26 |  | 0.07 | 0.19 | 0.09 |
| Control Delay | 26.1 | 43.4 | 11.2 | 27.3 | 35.7 |  | 9.1 | 13.0 |  | 8.7 | 14.8 | 0.2 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |  | 0.0 | 0.0 |  | 0.0 | 0.0 | 0.0 |
| Total Delay | 26.1 | 43.4 | 11.2 | 27.3 | 35.7 |  | 9.1 | 13.0 |  | 8.7 | 14.8 | 0.2 |
| LOS | C | D | B | C | D |  | A | B |  | A | B | A |
| Approach Delay |  | 24.5 |  |  | 32.7 |  |  | 12.3 |  |  | 11.8 |  |
| Approach LOS |  | C |  |  | C |  |  | B |  |  | B |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |
| Area Type: | ther |  |  |  |  |  |  |  |  |  |  |  |

Cycle Length: 110
Actuated Cycle Length: 84.1
Natural Cycle: 100
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.53
Intersection Signal Delay: $17.6 \quad$ Intersection LOS: B

Intersection Capacity Utilization 48.0\%
ICU Level of Service A
Analysis Period (min) 15
Splits and Phases: 3: Anthony Rd \& Pio Nono Ave / SR 247


|  | 4 |  |  | 1 |  |  | 4 | 4 | $p$ |  | $\ddagger$ | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Detector Phase | 1 | 6 | 3 | 5 | 2 | 7 | 3 | 8 | 5 | 7 | 4 | 1 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial (s) | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 |
| Minimum Split (s) | 11.9 | 37.3 | 11.7 | 11.6 | 39.3 | 11.5 | 11.7 | 50.0 | 11.6 | 11.5 | 47.0 | 11.9 |
| Total Split (s) | 11.9 | 35.1 | 13.6 | 13.4 | 36.6 | 11.5 | 13.6 | 50.0 | 13.4 | 11.5 | 47.9 | 11.9 |
| Total Split (\%) | 10.8\% | 31.9\% | 12.4\% | 12.2\% | 33.3\% | 10.5\% | 12.4\% | 45.5\% | 12.2\% | 10.5\% | 43.5\% | 10.8\% |
| Maximum Green (s) | 5.0 | 28.8 | 6.9 | 6.8 | 30.3 | 5.0 | 6.9 | 43.0 | 6.8 | 5.0 | 40.9 | 5.0 |
| Yellow Time (s) | 3.0 | 4.1 | 3.1 | 3.0 | 4.1 | 3.0 | 3.1 | 4.3 | 3.0 | 3.0 | 4.3 | 3.0 |
| All-Red Time (s) | 3.9 | 2.2 | 3.6 | 3.6 | 2.2 | 3.5 | 3.6 | 2.7 | 3.6 | 3.5 | 2.7 | 3.9 |
| Lost Time Adjust (s) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time (s) | 6.9 | 6.3 | 6.7 | 6.6 | 6.3 | 6.5 | 6.7 | 7.0 | 6.6 | 6.5 | 7.0 | 6.9 |
| Lead/Lag | Lead | Lag | Lead | Lead | Lag | Lead | Lead | Lag | Lead | Lead | Lag | Lead |
| Lead-Lag Optimize? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Vehicle Extension (s) | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Recall Mode | None | Max | None | None | Max | None | None | None | None | None | None | None |
| Walk Time (s) |  | 5.0 |  |  | 5.0 |  |  | 5.0 |  |  | 5.0 |  |
| Flash Dont Walk (s) |  | 26.0 |  |  | 28.0 |  |  | 38.0 |  |  | 35.0 |  |
| Pedestrian Calls (\#/hr) |  | 0 |  |  | 0 |  |  | 0 |  |  | 0 |  |
| Act Efft Green (s) | 5.0 | 31.5 | 44.7 | 6.6 | 35.3 | 46.6 | 6.9 | 20.1 | 33.7 | 5.0 | 15.5 | 27.6 |
| Actuated g/C Ratio | 0.06 | 0.36 | 0.51 | 0.08 | 0.40 | 0.53 | 0.08 | 0.23 | 0.39 | 0.06 | 0.18 | 0.32 |
| v/c Ratio | 0.36 | 0.26 | 0.07 | 0.36 | 0.25 | 0.09 | 0.53 | 0.51 | 0.15 | 0.40 | 0.65 | 0.14 |
| Control Delay | 46.1 | 20.6 | 0.7 | 43.2 | 18.8 | 1.8 | 47.0 | 32.7 | 4.8 | 47.0 | 38.5 | 3.8 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 46.1 | 20.6 | 0.7 | 43.2 | 18.8 | 1.8 | 47.0 | 32.7 | 4.8 | 47.0 | 38.5 | 3.8 |
| LOS | D | C | A | D | B | A | D | C | A | D | D | A |
| Approach Delay |  | 21.6 |  |  | 20.0 |  |  | 31.5 |  |  | 34.9 |  |
| Approach LOS |  | C |  |  | C |  |  | C |  |  | C |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |
| Area Type: | ther |  |  |  |  |  |  |  |  |  |  |  |

Cycle Length: 110
Actuated Cycle Length: 87.2
Natural Cycle: 115
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.65
Intersection Signal Delay: 26.8 Intersection LOS: C

Intersection Capacity Utilization 51.5\% ICU Level of Service A
Analysis Period (min) 15
Splits and Phases: 6: Pio Nono Ave / SR 247 \& Eisenhower Pkwy/SR 22


|  | 4 |  |  |  |  |  | 4 | $\uparrow$ | 7 |  | $\downarrow$ | $\checkmark$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Detector Phase | 7 | 4 |  | 3 | 8 |  | 1 | 6 | 6 | 5 | 2 |  |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial (s) | 6.0 | 10.0 |  | 6.0 | 10.0 |  | 5.0 | 15.0 | 15.0 | 6.0 | 12.0 |  |
| Minimum Split (s) | 12.1 | 31.2 |  | 12.1 | 36.2 |  | 11.7 | 40.4 | 40.4 | 12.6 | 40.4 |  |
| Total Split (s) | 13.0 | 38.0 |  | 22.0 | 47.0 |  | 12.3 | 43.4 | 43.4 | 16.6 | 47.7 |  |
| Total Split (\%) | 10.8\% | 31.7\% |  | 18.3\% | 39.2\% |  | 10.3\% | 36.2\% | 36.2\% | 13.8\% | 39.8\% |  |
| Maximum Green (s) | 6.9 | 31.8 |  | 15.9 | 40.8 |  | 5.6 | 37.0 | 37.0 | 10.0 | 41.3 |  |
| Yellow Time (s) | 3.1 | 4.0 |  | 3.1 | 4.0 |  | 3.1 | 3.8 | 3.8 | 3.0 | 3.8 |  |
| All-Red Time (s) | 3.0 | 2.2 |  | 3.0 | 2.2 |  | 3.6 | 2.6 | 2.6 | 3.6 | 2.6 |  |
| Lost Time Adjust (s) | 0.0 | 0.0 |  | 0.0 | 0.0 |  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Total Lost Time (s) | 6.1 | 6.2 |  | 6.1 | 6.2 |  | 6.7 | 6.4 | 6.4 | 6.6 | 6.4 |  |
| Lead/Lag | Lead | Lag |  | Lead | Lag |  | Lead | Lag | Lag | Lead | Lag |  |
| Lead-Lag Optimize? | Yes | Yes |  | Yes | Yes |  | Yes | Yes | Yes | Yes | Yes |  |
| Vehicle Extension (s) | 3.0 | 3.0 |  | 3.0 | 3.0 |  | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |  |
| Recall Mode | None | None |  | None | None |  | None | Max | Max | None | Max |  |
| Walk Time (s) |  | 5.0 |  |  | 5.0 |  |  | 5.0 | 5.0 |  | 5.0 |  |
| Flash Dont Walk (s) |  | 20.0 |  |  | 25.0 |  |  | 29.0 | 29.0 |  | 29.0 |  |
| Pedestrian Calls (\#/hr) |  | 0 |  |  | 0 |  |  | 0 | 0 |  | 0 |  |
| Act Effct Green (s) | 6.7 | 24.2 |  | 12.2 | 35.3 |  | 43.0 | 37.6 | 37.6 | 51.4 | 44.1 |  |
| Actuated g/C Ratio | 0.06 | 0.22 |  | 0.11 | 0.32 |  | 0.39 | 0.35 | 0.35 | 0.47 | 0.40 |  |
| $\mathrm{v} / \mathrm{c}$ Ratio | 0.31 | 0.66 |  | 0.60 | 0.77 |  | 0.19 | 0.36 | 0.16 | 0.36 | 0.38 |  |
| Control Delay | 60.8 | 42.3 |  | 60.6 | 38.3 |  | 19.5 | 29.5 | 0.5 | 20.4 | 26.1 |  |
| Queue Delay | 0.0 | 0.0 |  | 0.0 | 0.0 |  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Total Delay | 60.8 | 42.3 |  | 60.6 | 38.3 |  | 19.5 | 29.5 | 0.5 | 20.4 | 26.1 |  |
| LOS | E | D |  | E | D |  | B | C | A | C | C |  |
| Approach Delay |  | 43.5 |  |  | 41.0 |  |  | 23.2 |  |  | 24.8 |  |
| Approach LOS |  | D |  |  | D |  |  | C |  |  | C |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |
| Area Type: Other |  |  |  |  |  |  |  |  |  |  |  |  |
| Cycle Length: 120 |  |  |  |  |  |  |  |  |  |  |  |  |
| Actuated Cycle Length: 108.9 |  |  |  |  |  |  |  |  |  |  |  |  |
| Natural Cycle: 105 |  |  |  |  |  |  |  |  |  |  |  |  |
| Control Type: Actuated-Uncoordinated |  |  |  |  |  |  |  |  |  |  |  |  |
| Maximum v/c Ratio: 0.77 |  |  |  |  |  |  |  |  |  |  |  |  |
| Intersection Signal Delay: 33.6 |  |  |  | Intersection LOS: C |  |  |  |  |  |  |  |  |
| Intersection Capacity Utilization 70.2\%Analysis Period (min) 15 |  |  |  | ICU Level of Service C |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

Splits and Phases: 1: Pio Nono Ave / SR 247 \& Mercer University Dr / SR 74


|  | $\rangle$ |  |  | 1 |  |  |  | 4 |  |  | $\downarrow$ | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Detector Phase | 7 | 4 | 4 | 3 | 8 |  | 1 | 6 |  | 5 | 2 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial (s) | 5.0 | 7.0 | 7.0 | 5.0 | 7.0 |  | 5.0 | 12.0 |  | 5.0 | 12.0 | 12.0 |
| Minimum Split (s) | 11.0 | 36.5 | 36.5 | 11.0 | 36.5 |  | 11.0 | 28.9 |  | 11.0 | 29.9 | 29.9 |
| Total Split (s) | 13.0 | 42.0 | 42.0 | 14.0 | 43.0 |  | 19.0 | 51.0 |  | 13.0 | 45.0 | 45.0 |
| Total Split (\%) | 10.8\% | 35.0\% | 35.0\% | 11.7\% | 35.8\% |  | 15.8\% | 42.5\% |  | 10.8\% | 37.5\% | 37.5\% |
| Maximum Green (s) | 7.5 | 35.5 | 35.5 | 8.0 | 36.5 |  | 13.1 | 45.1 |  | 7.2 | 39.1 | 39.1 |
| Yellow Time (s) | 3.3 | 4.2 | 4.2 | 3.0 | 4.2 |  | 3.1 | 4.3 |  | 3.0 | 4.3 | 4.3 |
| All-Red Time (s) | 2.2 | 2.3 | 2.3 | 3.0 | 2.3 |  | 2.8 | 1.6 |  | 2.8 | 1.6 | 1.6 |
| Lost Time Adjust (s) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |  | 0.0 | 0.0 |  | 0.0 | 0.0 | 0.0 |
| Total Lost Time (s) | 5.5 | 6.5 | 6.5 | 6.0 | 6.5 |  | 5.9 | 5.9 |  | 5.8 | 5.9 | 5.9 |
| Lead/Lag | Lead | Lag | Lag | Lead | Lag |  | Lead | Lag |  | Lead | Lag | Lag |
| Lead-Lag Optimize? | Yes | Yes | Yes | Yes | Yes |  | Yes | Yes |  | Yes | Yes | Yes |
| Vehicle Extension (s) | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |  | 3.0 | 3.0 |  | 3.0 | 3.0 | 3.0 |
| Recall Mode | None | None | None | None | None |  | None | Max |  | None | Max | Max |
| Walk Time (s) |  | 5.0 | 5.0 |  | 5.0 |  |  | 5.0 |  |  | 5.0 | 5.0 |
| Flash Dont Walk (s) |  | 25.0 | 25.0 |  | 25.0 |  |  | 18.0 |  |  | 19.0 | 19.0 |
| Pedestrian Calls (\#/hr) |  | 0 | 0 |  | 0 |  |  | 0 |  |  | 0 | 0 |
| Act Effct Green (s) | 20.4 | 12.2 | 12.2 | 22.7 | 15.9 |  | 53.6 | 46.7 |  | 49.1 | 42.3 | 42.3 |
| Actuated g/C Ratio | 0.21 | 0.13 | 0.13 | 0.24 | 0.17 |  | 0.56 | 0.49 |  | 0.52 | 0.44 | 0.44 |
| v/c Ratio | 0.24 | 0.38 | 0.52 | 0.35 | 0.53 |  | 0.24 | 0.30 |  | 0.12 | 0.34 | 0.10 |
| Control Delay | 27.7 | 42.9 | 11.0 | 30.0 | 40.5 |  | 10.5 | 16.1 |  | 9.9 | 18.8 | 0.2 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |  | 0.0 | 0.0 |  | 0.0 | 0.0 | 0.0 |
| Total Delay | 27.7 | 42.9 | 11.0 | 30.0 | 40.5 |  | 10.5 | 16.1 |  | 9.9 | 18.8 | 0.2 |
| LOS | C | D | B | C | D |  | B | B |  | A | B | A |
| Approach Delay |  | 22.5 |  |  | 36.3 |  |  | 15.0 |  |  | 15.9 |  |
| Approach LOS |  | C |  |  | D |  |  | B |  |  | B |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |
| Area Type: Other |  |  |  |  |  |  |  |  |  |  |  |  |
| Cycle Length: 120 |  |  |  |  |  |  |  |  |  |  |  |  |
| Actuated Cycle Length: 95.1 |  |  |  |  |  |  |  |  |  |  |  |  |
| Natural Cycle: 90 |  |  |  |  |  |  |  |  |  |  |  |  |
| Control Type: Actuated-Uncoordinated |  |  |  |  |  |  |  |  |  |  |  |  |
| Maximum v/c Ratio: 0.53 |  |  |  |  |  |  |  |  |  |  |  |  |
| Intersection Signal Delay: 19.7 |  |  |  | Intersection LOS: B |  |  |  |  |  |  |  |  |
| Intersection Capacity Utilization 51.7\% |  |  |  | ICU Level of Service A |  |  |  |  |  |  |  |  |
| Analysis Period (min) 15 |  |  |  |  |  |  |  |  |  |  |  |  |

Splits and Phases: 3: Anthony Rd \& Pio Nono Ave / SR 247


|  | $\rangle$ | $\rightarrow$ |  | 1 |  |  |  | $\uparrow$ |  |  | $\dagger$ | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Detector Phase | 1 | 6 | 3 | 5 | 2 | 7 | 3 | 8 | 5 | 7 | 4 | 1 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial (s) | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 |
| Minimum Split (s) | 11.9 | 37.3 | 24.7 | 11.6 | 39.3 | 24.5 | 24.7 | 50.0 | 11.6 | 24.5 | 47.0 | 11.9 |
| Total Split (s) | 16.0 | 44.0 | 26.0 | 19.0 | 47.0 | 25.0 | 26.0 | 52.0 | 19.0 | 25.0 | 51.0 | 16.0 |
| Total Split (\%) | 11.4\% | 31.4\% | 18.6\% | 13.6\% | 33.6\% | 17.9\% | 18.6\% | 37.1\% | 13.6\% | 17.9\% | 36.4\% | 11.4\% |
| Maximum Green (s) | 9.1 | 37.7 | 19.3 | 12.4 | 40.7 | 18.5 | 19.3 | 45.0 | 12.4 | 18.5 | 44.0 | 9.1 |
| Yellow Time (s) | 3.0 | 4.1 | 3.1 | 3.0 | 4.1 | 3.0 | 3.1 | 4.3 | 3.0 | 3.0 | 4.3 | 3.0 |
| All-Red Time (s) | 3.9 | 2.2 | 3.6 | 3.6 | 2.2 | 3.5 | 3.6 | 2.7 | 3.6 | 3.5 | 2.7 | 3.9 |
| Lost Time Adjust (s) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time (s) | 6.9 | 6.3 | 6.7 | 6.6 | 6.3 | 6.5 | 6.7 | 7.0 | 6.6 | 6.5 | 7.0 | 6.9 |
| Lead/Lag | Lead | Lag | Lead | Lead | Lag | Lead | Lead | Lag | Lead | Lead | Lag | Lead |
| Lead-Lag Optimize? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Vehicle Extension (s) | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Recall Mode | None | Max | None | None | Max | None | None | None | None | None | None | None |
| Walk Time (s) |  | 5.0 |  |  | 5.0 |  |  | 5.0 |  |  | 5.0 |  |
| Flash Dont Walk (s) |  | 26.0 |  |  | 28.0 |  |  | 38.0 |  |  | 35.0 |  |
| Pedestrian Calls (\#/hr) |  | 0 |  |  | 0 |  |  | 0 |  |  | 0 |  |
| Act Effct Green (s) | 8.2 | 39.2 | 57.4 | 10.2 | 40.9 | 56.9 | 11.9 | 27.0 | 44.2 | 9.7 | 24.6 | 39.8 |
| Actuated g/C Ratio | 0.07 | 0.35 | 0.51 | 0.09 | 0.36 | 0.51 | 0.11 | 0.24 | 0.39 | 0.09 | 0.22 | 0.35 |
| v/c Ratio | 0.39 | 0.29 | 0.14 | 0.50 | 0.40 | 0.16 | 0.55 | 0.53 | 0.16 | 0.44 | 0.76 | 0.20 |
| Control Delay | 56.7 | 28.6 | 5.4 | 55.8 | 28.7 | 3.4 | 54.8 | 39.7 | 4.4 | 55.1 | 48.5 | 10.7 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 56.7 | 28.6 | 5.4 | 55.8 | 28.7 | 3.4 | 54.8 | 39.7 | 4.4 | 55.1 | 48.5 | 10.7 |
| LOS | E | C | A | E | C | A | D | D | A | E | D | B |
| Approach Delay |  | 28.7 |  |  | 29.4 |  |  | 38.5 |  |  | 44.2 |  |
| Approach LOS |  | C |  |  | C |  |  | D |  |  | D |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |
| Area Type: Other |  |  |  |  |  |  |  |  |  |  |  |  |
| Cycle Length: 140 |  |  |  |  |  |  |  |  |  |  |  |  |
| Actuated Cycle Length: 112.6 |  |  |  |  |  |  |  |  |  |  |  |  |
| Natural Cycle: 130 |  |  |  |  |  |  |  |  |  |  |  |  |
| Control Type: Actuated-Uncoordinated |  |  |  |  |  |  |  |  |  |  |  |  |
| Maximum v/c Ratio: 0.76 |  |  |  |  |  |  |  |  |  |  |  |  |
| Intersection Signal Delay: 35.0 |  |  |  | Intersection LOS: C |  |  |  |  |  |  |  |  |
| Intersection Capacity Utilization 59.1\% |  |  |  | ICU Level of Service B |  |  |  |  |  |  |  |  |
| Analysis Period (min) 15 |  |  |  |  |  |  |  |  |  |  |  |  |

Splits and Phases: 6: Pio Nono Ave / SR 247 \& Eisenhower Pkwy/SR 22



| Worksheet 2L -- Summary Results for Urban and Suburban Arterial Intersections |  |  |  |
| :--- | :---: | :---: | :---: |
| $(1)$ |  |  | $(2)$ |
| Crash severity level | Predicted average crash frequency, $\mathrm{N}_{\text {predicted int }}$ <br> (crashes/year) |  |  |
|  | (Total) from Worksheet 2K |  |  |
| Fatal and injury (FI) | 4.7 |  |  |
| Property damage only (PDO) | 1.7 |  |  |


| Worksheet 2A -- General Information and Input Data for Urban and Suburban Arterial Intersections |  |  |
| :---: | :---: | :---: |
| General Information | Location Information |  |
| Analyst AKL <br> Agency or Company Arcadis <br> Date Performed $11 / 14 / 19$ | Roadway Intersection Jurisdiction Analysis Year | SR 247 <br> Anthony Rd <br> Bibb County $2018$ |
| Input Data | Base Conditions | Site Conditions |
| Intersection type (3ST, 3SG, 4ST, 4SG) | -- | 4SG |
| $\mathrm{AADT}_{\text {major }}$ (veh/day) ${ }^{\text {a }}$ ( $\mathrm{AADT}_{\text {MAX }}=667,700$ (veh/day) | -- | 16,400 |
|  | -- | 8,260 |
| Intersection lighting (present/not present) | Not Present | Not Present |
| Calibration factor, $\mathrm{C}_{\mathrm{i}}$ | 1.00 | 1.00 |
| Data for unsignalized intersections only: | -- | -- |
| Number of major-road approaches with left-turn lanes (0,1,2) | 0 | 2 |
| Number of major-road approaches with right-turn lanes (0,1,2) | 0 | 1 |
| Data for signalized intersections only: | -- | -- |
| Number of approaches with left-turn lanes (0,1,2,3,4) [for 3SG, use maximum value of 3] | 0 | 4 |
| Number of approaches with right-turn lanes ( $0,1,2,3,4$ ) [for 3SG, use maximum value of 3] | 0 | 2 |
| Number of approaches with left-turn signal phasing [for 3SG, use maximum value of 3] | -- | 4 |
| Type of left-turn signal phasing for Leg \#1 | Permissive | Protected / Permissive |
| Type of left-turn signal phasing for Leg \#2 | -- | Protected / Permissive |
| Type of left-turn signal phasing for Leg \#3 | -- | Protected / Permissive |
| Type of left-turn signal phasing for Leg \#4 (if applicable) | -- | Protected / Permissive |
| Number of approaches with right-turn-on-red prohibited [for 3SG, use maximum value of 3] | 0 | 0 |
| Intersection red light cameras (present/not present) | Not Present | Not Present |
| Sum of all pedestrian crossing volumes (PedVol) -- Signalized intersections only |  | 95 |
| Maximum number of lanes crossed by a pedestrian ( $\mathrm{n}_{\text {anesx }}$ ) | -- | 6 |
| Number of bus stops within 300 m (1,000 ft) of the intersection | 0 | 3 |
| Schools within 300 m (1,000 ft) of the intersection (present/not present) | Not Present | Present |
| Number of alcohol sales establishments within $300 \mathrm{~m}(1,000 \mathrm{ft})$ of the intersection | 0 | 3 |


| Worksheet 2L -- Summary Results for Urban and Suburban Arterial Intersections |  |  |  |
| :--- | :---: | :---: | :---: |
| $(1)$ |  |  | $(2)$ |
| Crash severity level | Predicted average crash frequency, Noredicted int <br> (crashes/year) |  |  |
|  | (Total) from Worksheet 2K |  |  |
| Fatal and injury (FI) | 3.0 |  |  |
| Property damage only (PDO) | 1.1 |  |  |



| Worksheet 2L -- Summary Results for Urban and Suburban Arterial Intersections |  |
| :--- | :---: |
| $(1)$ |  |
| Crash severity level | $(2)$ |
|  | Predicted average crash frequency, $\mathrm{N}_{\text {predicted int }}$ <br> (crashes/year) |
| Total | (Total) from Worksheet 2K |
| Fatal and injury (FI) | 4.0 |
| Property damage only (PDO) | 1.5 |


| General Information |  | Location Information |  |
| :---: | :---: | :---: | :---: |
| Analyst | AKL | Roadway | SR 247 |
| Agency or Company | Arcadis | Roadway Section | from SR 22 to Anthony Rd |
| Date Performed | 11/14/19 | Jurisdiction | Bibb |
|  |  | Analysis Year | 2018 |
| Input Data |  | Base Conditions | Site Conditions |
| Roadway type (2U, 3T, 4U, 4D, ST) |  | -- | 5 T |
| Length of segment, L (mi) |  | -- | 0.322 |
| AADT (veh/day) | AADT $_{\text {MAX }}=533,800$ (veh/day) | -- | 16,400 |
| Type of on-street parking (none/parallel/angle) |  | None | None |
| Proportion of curb length with on-street parking |  | -- | 0 |
| Median width (ft) - for divided only |  | 15 | Not Present |
| Lighting (present / not present) |  | Not Present | Not Present |
| Auto speed enforcement (present / not present) |  | Not Present | Not Present |
| Major commercial driveways (number) |  | -- | 6 |
| Minor commercial driveways (number) |  | -- | 14 |
| Major industrial / institutional driveways (number) |  | -- | 0 |
| Minor industrial / institutional driveways (number) |  | -- | 0 |
| Major residential driveways (number) |  | -- | 5 |
| Minor residential driveways (number) |  | -- | 2 |
| Other driveways (number) |  | -- | 0 |
| Speed Category |  | -- | Posted Speed Greater than 30 mph |
| Roadside fixed object density (fixed objects / mi) |  | 0 | 60 |
| Offset to roadside fixed objects (ft) [lf greater than 30 or Not Present, input 30] |  | 30 | 10 |
| Calibration Factor, Cr |  | 1.00 | 1.00 |
| Worksheet 1L -- Summary Results for Urban and Suburban Roadway Segments |  |  |  |
| (1) | (2) | (3) | (4) |
| Crash Severity Level | Predicted average crash frequency, $\mathbf{N}_{\text {predicted rs }}$ (crashes/year) | Roadway segment length, L (mi) | Crash rate (crashes/mi/year) |
|  | (Total) from Worksheet 1K |  | (2)/ (3) |
| Total | 5.1 | 0.32 | 15.8 |
| Fatal and injury (FI) | 1.5 | 0.32 | 4.6 |
| Property damage only (PDO) | 3.6 | 0.32 | 11.2 |


| General Information |  | Location Information |  |
| :---: | :---: | :---: | :---: |
| Analyst | AKL | Roadway | SR 247 |
| Agency or Company | Arcadis | Roadway Section | From SR 74 to anthony Rd |
| Date Performed | 11/14/19 | Jurisdiction | Bibb |
|  |  | Analysis Year | 2018 |
| Input Data |  | Base Conditions | Site Conditions |
| Roadway type (2U, 3T, 4U, 4D, ST) |  | -- | 4 U |
| Length of segment, L (mi) |  | -- | 0.33 |
| AADT (veh/day) | AADT $_{\text {MAX }}=40,100$ (veh/day) | -- | 14,400 |
| Type of on-street parking (none/parallel/angle) |  | None | None |
| Proportion of curb length with on-street parking |  | -- | 0 |
| Median width (ft) - for divided only |  | 15 | Not Present |
| Lighting (present / not present) |  | Not Present | Not Present |
| Auto speed enforcement (present / not present) |  | Not Present | Not Present |
| Major commercial driveways (number) |  | -- | 2 |
| Minor commercial driveways (number) |  | -- | 11 |
| Major industrial / institutional driveways (number) |  | -- | 0 |
| Minor industrial / institutional driveways (number) |  | -- | 0 |
| Major residential driveways (number) |  | -- | 7 |
| Minor residential driveways (number) |  | -- | 5 |
| Other driveways (number) |  | -- | 0 |
| Speed Category |  | -- | Posted Speed Greater than 30 mph |
| Roadside fixed object density (fixed objects / mi) |  | 0 | 50 |
| Offset to roadside fixed objects (ft) [lf greater than 30 or Not Present, input 30] |  | 30 | 10 |
| Calibration Factor, Cr |  | 1.00 | 1.00 |
| Worksheet 1L -- Summary Results for Urban and Suburban Roadway Segments |  |  |  |
| (1) | (2) | (3) | (4) |
| Crash Severity Level | Predicted average crash frequency, $\mathbf{N}_{\text {predicted rs }}$ (crashes/year) | Roadway segment length, L (mi) | Crash rate (crashes/mi/year) |
|  | (Total) from Worksheet 1K |  | (2)/ (3) |
| Total | 3.3 | 0.33 | 10.1 |
| Fatal and injury (FI) | 1.1 | 0.33 | 3.3 |
| Property damage only (PDO) | 2.2 | 0.33 | 6.7 |

## Appendix E: Signal Warrant Analysis

## Traffic Signal Warrant Summary Worksheet

Based on Manual of Uniform Traffic Control Devices (MUTCD) Warrant Analysis

Intersection Data:
Intersection: SR 247/ Pio Nono Ave @ SR 74/ Mercer University Dr
County: Bibb
City: Macon

Warrant Analysis Conducted By:
Date:
11/15/2019
Project ID:
Agency:
Arcadis
Analyst:
AKL

Major Street:
Name: SR 247/ Pio Nono Ave
Speed: 40 MPH
Lanes: 2 or more lan $\epsilon$
Minor Street:
Name: SR 74/ Mercer University Dr Speed: 40 MPH
Lanes: 2 or more lan $\epsilon$
Direction: N/S

Major Rd Left Turn No as Minor Approach?

| Warrant Evaluation Summary | Warrant Met: |
| :--- | :---: |
| Warrant 1: Eight - Hour Vehicular Volume | Yes |
| Condition A: Minimum Vehicular Volume | Yes |
| Condition B: Interruption of Continuous Traffic | Yes |
| Condition C: Combination: 80\% of A and B | Yes |
| Warrant 2: Four-Hour Volume | Yes |
| Warrant 3: Peak Hour Volume | Yes |
| Warrant 4: Pedestrian Volume | No |
| Criterion A: Four-Hour | No |
| Criterion B: Peak-Hour | No |
| Warrant 5: School Crossing | No |
| Warrant 6: Coordinated Signal System | No |
| Warrant 7: Crash Experience | Yes |
| Warrant 8: Roadway Network | N/A |
| Warrant 9: Intersection Near a Grade Crossing | N/A |

\% Right Turns Inc. (Default 0\%)
From South (NB) 0\%
From North (SB)
From West (EB) $50 \%$
From East (WB) $50 \%$

| Hourly Volume Data Input |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| One Hour <br> Time Period <br> Start Time | SR 247/ Pio Nono Ave |  |  |  |  |  |  |  |  |  | SR 74/ Mercer University Dr |  |  |  |  |  |  |  |  |  | Total Entering Volume |
|  | Eastbound |  |  |  |  | Westbound |  |  |  |  | Northbound |  |  |  |  | Southbound |  |  |  |  |  |
|  | U-Turn | Left | Thru | Right | Total | U-Turn | Left | Thru | Right | Total | U-Turn | Left | Thru | Right | Total | U-Turn | Left | Thru | Right | Total |  |
| 6:30 | 0 | 9 | 494 | 16 | 519 | 0 | 29 | 346 | 111 | 486 | 0 | 14 | 211 | 67 | 292 | 0 | 104 | 195 | 16 | 315 | 1,612 |
| 7:30 | 0 | 14 | 815 | 23 | 852 | 0 | 62 | 523 | 122 | 707 | 0 | 48 | 353 | 130 | 531 | 0 | 153 | 335 | 33 | 521 | 2,611 |
| 8:30 | 0 | 20 | 530 | 21 | 571 | 0 | 53 | 450 | 114 | 617 | 0 | 26 | 324 | 76 | 426 | 0 | 123 | 323 | 30 | 476 | 2,090 |
| 9:30 | 0 | 16 | 441 | 22 | 479 | 0 | 81 | 415 | 90 | 586 | 0 | 29 | 270 | 81 | 380 | 0 | 85 | 294 | 28 | 407 | 1,852 |
| 10:30 | 0 | 24 | 402 | 30 | 456 | 0 | 82 | 480 | 90 | 652 | 0 | 40 | 311 | 77 | 428 | 0 | 90 | 312 | 37 | 439 | 1,975 |
| 11:30 | 0 | 29 | 449 | 30 | 508 | 0 | 93 | 501 | 88 | 682 | 0 | 40 | 325 | 86 | 451 | 0 | 108 | 400 | 53 | 561 | 2,202 |
| 12:30 | 0 | 43 | 539 | 40 | 622 | 0 | 69 | 499 | 105 | 673 | 0 | 50 | 366 | 100 | 516 | 0 | 120 | 385 | 44 | 549 | 2,360 |
| 13:30 | 0 | 20 | 503 | 26 | 549 | 0 | 90 | 534 | 96 | 720 | 0 | 42 | 388 | 94 | 524 | 0 | 122 | 421 | 46 | 589 | 2,382 |
| 14:30 | 0 | 29 | 505 | 39 | 573 | 0 | 94 | 566 | 119 | 779 | 0 | 59 | 430 | 119 | 608 | 0 | 145 | 449 | 41 | 635 | 2,595 |
| 15:30 | 0 | 39 | 456 | 37 | 532 | 0 | 97 | 684 | 99 | 880 | 0 | 68 | 458 | 134 | 660 | 0 | 158 | 505 | 56 | 719 | 2,791 |
| 16:30 | 0 | 34 | 519 | 42 | 595 | 0 | 102 | 802 | 130 | 1,034 | 0 | 57 | 391 | 109 | 557 | 0 | 153 | 426 | 39 | 618 | 2,804 |
| 17:30 | 0 | 25 | 528 | 38 | 591 | 1 | 65 | 568 | 111 | 745 | 0 | 55 | 322 | 84 | 461 | 0 | 145 | 412 | 31 | 588 | 2,385 |
| 18:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 19:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 20:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 21:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 16-hr total | 0 | 302 | 6,181 | 364 | 6,847 | 1 | 917 | 6,368 | 1,275 | 8,561 | 0 | 528 | 4,149 | 1,157 | 5,834 | 0 | 1,506 | 4,457 | 454 | 6,417 | 27,659 |


| Warrant 1: Eight - Hour Vehicular Volume |  |  |  |  |  |  |  | $\frac{100 \%}{\text { Yes }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Warrant Evaluated? Yes |  |  | Time Period | From | Warrant 1 Satisfied? |  |  |  |
| Condition A : <br> Min. Veh. Volume |  |  |  |  | To |  |  |  |
| Volume Level | 100\% | 80\% |  |  | To | (VPH) | High App. |  |
| Major Rd. Req | 600 | 480 | 1 | 6:30 | 7:30 | 934 | 299 | 1,233 |
| Minor Rd. Req | 200 | 160 | 2 | 7:30 | 8:30 | 1,475 | 488 | 1,963 |
| No. of Hours | 12 | 12 | 3 | 8:30 | 9:30 | 1,110 | 446 | 1,556 |
| Condition A Satisfied? |  | Yes | 4 | 9:30 | 10:30 | 998 | 379 | 1,377 |
|  |  |  | 5 | 10:30 | 11:30 | 1,033 | 402 | 1,435 |
| Condition B: |  |  | 6 | 11:30 | 12:30 | 1,116 | 508 | 1,624 |
| Interruption of Continuous Traffic |  |  | 7 | 12:30 | 13:30 | 1,203 | 505 | 1,708 |
| Volume Level | 100\% | 80\% | 8 | 13:30 | 14:30 | 1,195 | 543 | 1,738 |
| Major Rd. Req | 900 | 720 | 9 | 14:30 | 15:30 | 1,254 | 594 | 1,848 |
| Minor Rd. Req | 100 | 80 | 10 | 15:30 | 16:30 | 1,326 | 663 | 1,989 |
| No. of Hours | 12 | 12 | 11 | 16:30 | 17:30 | 1,522 | 579 | 2,101 |
| Condition B Satisfied? |  | Yes | 12 | 17:30 | 18:30 | 1,243 | 557 | 1,800 |
|  |  |  | 13 | 18:30 | 19:30 | 0 | 0 | 0 |
| Condition C: <br> Combination of A \& B at 80\% |  |  | 14 | 19:30 | 20:30 | 0 | 0 | 0 |
|  |  |  | 15 | 20:30 | 21:30 | 0 | 0 | 0 |
| Condition C Satisfied? |  | Yes | 16 | 21:30 | 22:30 | 0 | 0 | 0 |

## Warrant 2: Four-Hour Volume 100\% Warrant Evaluated? Yes Warrant Satisfied? Yes

| Hour Start | $16: 30$ | $15: 30$ | $7: 30$ | $14: 30$ |
| :--- | :---: | :---: | :---: | :---: |
| Major Rd Vol. | 1522 | 1326 | 1475 | 1254 |
| Minor Rd Vol. | 579 | 663 | 488 | 594 |


| Warrant 3: Peak Hour Volume |  | $100 \%$ |
| :--- | :--- | :--- |
| Warrant Evaluated? Yes | Warrant Satisfied? Yes |  |

Condition justifying use of warrant:

| Write in response here |  |  |  |
| :---: | :---: | :---: | :---: |
| Criteria |  |  | Met? |
| Delay on Minor Approach |  | 5 | Yes |
| Volume on Minor Approach |  | 150 |  |
| Total Entering Volume (veh/h) |  | 800 |  |
| Peak Hour | Major Road Vol. <br> (Both Approch) | Minor <br> (High | oad Vol. proach) |
| 16:30 | 1522 |  |  |


| Warrant 4: Pedestrian Volume |  |  |  |  |  | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Warrant Evaluated? Yes Ped Data |  | Warrant Satisfied? <br> Criterion A: Four Hour |  |  |  | No |
|  |  |  |
| Hour (Start) | Ped Volume |  |  |  |  | Hour (Start) | Ped Volume | Maj Rd Volume |  |  |
| 6:00 | 3 | 13:00 | 6 | 1203 |  |  |
| 7:00 | 1 | 8:00 | 5 | 1475 |  |  |
| 8:00 | 5 | 17:00 | 5 | 1522 |  |  |
| 9:00 | 2 | 11:00 | 4 | 1033 |  |  |
| 10:00 | 2 | Criter | ion A S | atisfied? | No |  |
| 11:00 | 4 | Criterion B: P | Peak Hour |  |  |  |
| 12:00 | 3 | Peak | Ped | Maj Rd |  |  |
| 13:00 | 6 | Hour | Volume | Volume |  |  |
| 14:00 | 4 | 13:00 | 6 | 1203 |  |  |
| 15:00 | 3 | Criter | rion B Sa | Satisfied? | No |  |







## Traffic Signal Warrant Summary Worksheet

## Based on Manual of Uniform Traffic Control Devices (MUTCD) Warrant Analysis

Intersection Data:
Intersection: SR 247/ Pio Nono Ave @ Anthony Rd
County: Bibb
City: Macon
Warrant Analysis Conducted By:
Date:
11/15/2019
Project ID:

$$
\text { Agency: } \quad \text { Arcadis }
$$

Analyst:
AKL

Major Street:
Name: SR 247/ Pio Nono Ave
Speed: 40 MPH
Lanes: 2 or more lanє
Direction: N/S

Minor Street:
Name: Anthony Rd
Speed: 35 MPH
Lanes: 2 or more lan $\epsilon$
Major Rd Left Turn No
as Minor Approach?
Is intersection in a built-up area of isolated community of < 10,000 population?
Total number of approaches at intersection? If T-intersection, inflate minor threshold to $150 \%$ ? Volume Threshold used in analysis: Manually set volume level?

| Warrant Evaluation Summary | Warrant Met: |
| :--- | :---: |
| Warrant 1: Eight - Hour Vehicular Volume | Yes |
| Condition A: Minimum Vehicular Volume | No |
| Condition B: Interruption of Continuous Traffic | Yes |
| Condition C: Combination: 80\% of A and B | No |
| Warrant 2: Four-Hour Volume | No |
| Warrant 3: Peak Hour Volume | Yes |
| Warrant 4: Pedestrian Volume | No |
| Criterion A: Four-Hour | No |
| Criterion B: Peak-Hour | No |
| Warrant 5: School Crossing | No |
| Warrant 6: Coordinated Signal System | No |
| Warrant 7: Crash Experience | Yes |
| Warrant 8: Roadway Network | N/A |
| Warrant 9: Intersection Near a Grade Crossing | N/A |

\% Right Turns Inc. (Default 0\%)
From South (NB) $50 \%$
From North (SB) $0 \%$
From West (EB) $0 \%$
From East (WB) 50\%

| Hourly Volume Data Input |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| One Hour Time Period Start Time | SR 247/ Pio Nono Ave |  |  |  |  |  |  |  |  |  | Anthony Rd |  |  |  |  |  |  |  |  |  | Total Entering Volume |
|  | Northbound |  |  |  |  | Southbound |  |  |  |  | Eastbound |  |  |  |  | Westbound |  |  |  |  |  |
|  | U-Turn | Left | Thru | Right | Total | U-Turn | Left | Thru | Right | Total | U-Turn | Left | Thru | Right | Total | U-Turn | Left | Thru | Right | Total |  |
| 6:30 | 0 | 62 | 224 | 21 | 307 | 1 | 11 | 212 | 28 | 252 | 0 | 30 | 46 | 99 | 175 | 0 | 14 | 31 | 16 | 61 | 795 |
| 7:30 | 0 | 118 | 376 | 86 | 580 | 0 | 40 | 355 | 89 | 484 | 0 | 58 | 92 | 147 | 297 | 0 | 61 | 85 | 34 | 180 | 1,541 |
| 8:30 | 0 | 78 | 331 | 86 | 495 | 0 | 29 | 322 | 39 | 390 | 0 | 34 | 92 | 130 | 256 | 0 | 88 | 71 | 57 | 216 | 1,357 |
| 9:30 | 0 | 79 | 317 | 31 | 427 | 1 | 19 | 357 | 44 | 421 | 0 | 40 | 45 | 127 | 212 | 0 | 46 | 44 | 17 | 107 | 1,167 |
| 10:30 | 0 | 94 | 359 | 36 | 489 | 1 | 23 | 376 | 37 | 437 | 0 | 43 | 52 | 106 | 201 | 0 | 54 | 47 | 26 | 127 | 1,254 |
| 11:30 | 0 | 106 | 375 | 49 | 530 | 0 | 33 | 450 | 49 | 532 | 1 | 51 | 55 | 141 | 248 | 0 | 72 | 53 | 43 | 168 | 1,478 |
| 12:30 | 0 | 102 | 444 | 54 | 600 | 0 | 41 | 438 | 42 | 521 | 0 | 53 | 77 | 125 | 255 | 0 | 72 | 74 | 36 | 182 | 1,558 |
| 13:30 | 0 | 113 | 441 | 57 | 611 | 0 | 31 | 461 | 65 | 557 | 0 | 52 | 76 | 176 | 304 | 0 | 76 | 77 | 47 | 200 | 1,672 |
| 14:30 | 0 | 147 | 496 | 70 | 713 | 0 | 55 | 508 | 62 | 625 | 0 | 61 | 86 | 170 | 317 | 0 | 74 | 74 | 54 | 202 | 1,857 |
| 15:30 | 0 | 131 | 506 | 65 | 702 | 0 | 56 | 564 | 84 | 704 | 0 | 73 | 80 | 197 | 350 | 0 | 130 | 112 | 48 | 290 | 2,046 |
| 16:30 | 0 | 128 | 443 | 60 | 631 | 0 | 39 | 501 | 72 | 612 | 0 | 67 | 96 | 170 | 333 | 0 | 112 | 110 | 53 | 275 | 1,851 |
| 17:30 | 0 | 146 | 417 | 62 | 625 | 0 | 45 | 475 | 55 | 575 | 0 | 52 | 74 | 177 | 303 | 0 | 60 | 65 | 46 | 171 | 1,674 |
| 18:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 19:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 20:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 21:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 16-hr total | 0 | 1,304 | 4,729 | 677 | 6,710 | 3 | 422 | 5,019 | 666 | 6,110 | 1 | 614 | 871 | 1,765 | 3,251 | 0 | 859 | 843 | 477 | 2,179 | 18,250 |


| Wa | igh |  |  |  |  |  |  | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Warrant Evaluated? Yes |  |  | Time Period | From | Warrant 1 Satisfied? |  |  | Yes |
| Condition A : <br> Min. Veh. Volume |  |  |  |  |  | Maj Road: |  |  |
| Volume Level | 100\% | 80\% |  |  | To | (VPH) | High App. | ot |
| Major Rd. Req | 600 | 480 | 1 | 6:30 | 7:30 | 521 | 76 | 597 |
| Minor Rd. Req | 200 | 160 | 2 | 7:30 | 8:30 | 932 | 150 | 1,082 |
| No. of Hours | 2 | 2 | 3 | 8:30 | 9:30 | 803 | 159 | 962 |
| Condition A Satisfied? |  | No | 4 | 9:30 | 10:30 | 789 | 90 | 879 |
|  |  | 5 | 10:30 | 11:30 | 871 | 101 | 972 |
| Condition B: |  |  | 6 | 11:30 | 12:30 | 989 | 125 | 1,114 |
| Interruption of Continuous Traffic |  |  | 7 | 12:30 | 13:30 | 1,052 | 146 | 1,198 |
| Volume Level | 100\% |  | 80\% | 8 | 13:30 | 14:30 | 1,075 | 153 | 1,228 |
| Major Rd. Req | 900 | 720 | 9 | 14:30 | 15:30 | 1,241 | 148 | 1,389 |
| Minor Rd. Req | 100 | 80 | 10 | 15:30 | 16:30 | 1,290 | 242 | 1,532 |
| No. of Hours | 8 | 11 | 11 | 16:30 | 17:30 | 1,141 | 222 | 1,363 |
| Condition B Satisfied? Ye |  |  | 12 | 17:30 | 18:30 | 1,114 | 126 | 1,240 |
|  |  |  | 13 | 18:30 | 19:30 | 0 | 0 | 0 |
| Condition C: |  |  | 14 | 19:30 | 20:30 | 0 | 0 | 0 |
| Combination of A \& B at 80\% |  |  | 15 | 20:30 | 21:30 | 0 | 0 | 0 |
| Condition C Satisfied? No |  |  | 16 | 21:30 | 22:30 | 0 | 0 | 0 |

## Warrant 2: Four-Hour Volume 100\% Warrant Evaluated? Yes Warrant Satisfied? No

| Hour Start | $15: 30$ | $14: 30$ | $16: 30$ | $13: 30$ |
| :--- | :---: | :---: | :---: | :---: |
| Major Rd Vol. | 1290 | 1241 | 1141 | 1075 |
| Minor Rd Vol. | 242 | 148 | 222 | 153 |


| Warrant 3: Peak Hour Volume |  | $\mathbf{1 0 0 \%}$ |
| :--- | :--- | :--- |
| Warrant Evaluated? Yes | Warrant Satisfied? Yes |  |

Condition justifying use of warrant:

| Write in response here |  |  |  |
| :---: | :---: | :---: | :---: |
| Criteria |  |  | Met? |
| Delay on Minor Approach |  | 5 | Yes |
| Volume on Minor Approach |  | 150 | Yos |
| Total Entering Volume (veh/h) |  | 800 |  |
| Peak Hour | Major Road Vol. <br> (Both Approch) | Minor <br> (High | oad Vol. <br> proach) |
| 15:30 | 1290 |  |  |


| Warrant 4: Pedestrian Volume |  |  |  |  |  | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Warrant Evaluated? Yes Ped Data |  | Warrant Satisfied? <br> Criterion A: Four Hour |  |  |  | No |
|  |  |  |
| Hour (Start) |  |  |  |  |  | Hour (Start) | Ped Volume | Maj Rd Volume |  |  |
| 6:00 | 1 | 15:00 | 18 | 1241 |  |  |
| 7:00 | 2 | 9:00 | 16 | 803 |  |  |
| 8:00 | 9 | 11:00 | 16 | 871 |  |  |
| 9:00 | 16 | 8:00 | 9 | 932 |  |  |
| 10:00 | 6 | Crite | rion A Sa | atisfied? | No |  |
| 11:00 | 16 | Criterion B: P | Peak Ho |  |  |  |
| 12:00 | 5 | Peak | Ped | Maj Rd |  |  |
| 13:00 | 0 | Hour | Volume | Volume |  |  |
| 14:00 | 9 | 15:00 | 18 | 1241 |  |  |
| 15:00 | 18 | Crite | rion B Sa | Stisfied? | No |  |
| 16:00 | 6 |  |  |  |  |  |
| 17:00 | 6 |  |  |  |  |  |
| 18:00 | 1 |  |  |  |  |  |
| 19:00 | 0 |  |  |  |  |  |
| 20:00 | 0 |  |  |  |  |  |
| 21:00 | 0 |  |  |  |  |  |








## Traffic Signal Warrant Summary Worksheet

Based on Manual of Uniform Traffic Control Devices (MUTCD) Warrant Analysis

Intersection Data:
Intersection: SR 22/Eisenhower Pkwy @ SR 247/ Pio Nono Ave
County: Bibb
City: Macon
Warrant Analysis Conducted By:
Date:
9/4/2018
Project ID:
Agency:
Analyst:
Arcadis
PK

Major Street:
Name: SR 22/Eisenhower Pkwy
Speed: 45 MPH
Lanes: 2 or more lan $\epsilon$
Direction: E/W
Minor Street:
Name: SR 247/ Pio Nono Ave
Speed: 40 MPH
Lanes: 2 or more lan $\epsilon$
Major Rd Left Turn No
as Minor Approach?
Is intersection in a built-up area of isolated community of < 10,000 population? Total number of approaches at intersection? If T-intersection, inflate minor threshold to $150 \%$ ? Volume Threshold used in analysis: Manually set volume level?

No 4 or more

No
100\%
100\%

| Warrant Evaluation Summary | Warrant Met: |
| :--- | :---: |
| Warrant 1: Eight - Hour Vehicular Volume | Yes |
| Condition A: Minimum Vehicular Volume | Yes |
| Condition B: Interruption of Continuous Traffic | Yes |
| Condition C: Combination: 80\% of A and B | Yes |
| Warrant 2: Four-Hour Volume | Yes |
| Warrant 3: Peak Hour Volume | Yes |
| Warrant 4: Pedestrian Volume | No |
| Criterion A: Four-Hour | No |
| Criterion B: Peak-Hour | No |
| Warrant 5: School Crossing | No |
| Warrant 6: Coordinated Signal System | No |
| Warrant 7: Crash Experience | Yes |
| Warrant 8: Roadway Network | N/A |
| Warrant 9: Intersection Near a Grade Crossing | N/A |


| \% Right Turns Inc. (Default 0\%) |  |
| ---: | ---: |
| From West (EB) | $0 \%$ |
| From East (WB) | $0 \%$ |
| From South (NB) | $0 \%$ |
| From North (SB) | $0 \%$ |


| Hourly Volume Data Input |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| One Hour Time Period Start Time | SR 22/Eisenhower Pkwy |  |  |  |  |  |  |  |  |  | SR 247/ Pio Nono Ave |  |  |  |  |  |  |  |  |  | Total Entering Volume |
|  | Eastbound |  |  |  |  | Westbound |  |  |  |  | Northbound |  |  |  |  | Southbound |  |  |  |  |  |
|  | U-Turn | Left | Thru | Right | Total | U-Turn | Left | Thru | Right | Total | U-Turn | Left | Thru | Right | Total | U-Turn | Left | Thru | Right | Total |  |
| 6:30 | 0 | 19 | 351 | 53 | 423 | 2 | 75 | 253 | 39 | 369 | 0 | 66 | 214 | 96 | 376 | 0 | 71 | 210 | 19 | 300 | 1,468 |
| 7:30 | 0 | 58 | 493 | 60 | 611 | 2 | 85 | 497 | 79 | 663 | 1 | 141 | 377 | 104 | 623 | 0 | 68 | 357 | 61 | 486 | 2,383 |
| 8:30 | 0 | 81 | 364 | 76 | 521 | 0 | 101 | 501 | 60 | 662 | 0 | 126 | 328 | 94 | 548 | 0 | 66 | 311 | 80 | 457 | 2,188 |
| 9:30 | 0 | 50 | 349 | 84 | 483 | 0 | 105 | 495 | 66 | 666 | 0 | 124 | 268 | 119 | 511 | 0 | 77 | 353 | 61 | 491 | 2,151 |
| 10:30 | 0 | 71 | 394 | 89 | 554 | 0 | 89 | 502 | 92 | 683 | 0 | 164 | 295 | 94 | 553 | 0 | 85 | 347 | 82 | 514 | 2,304 |
| 11:30 | 0 | 94 | 463 | 92 | 649 | 2 | 123 | 613 | 91 | 829 | 0 | 153 | 322 | 91 | 566 | 0 | 112 | 395 | 114 | 621 | 2,665 |
| 12:30 | 3 | 107 | 556 | 131 | 797 | 4 | 148 | 601 | 97 | 850 | 0 | 211 | 338 | 120 | 669 | 0 | 129 | 415 | 103 | 647 | 2,963 |
| 13:30 | 1 | 113 | 503 | 113 | 730 | 2 | 137 | 581 | 97 | 817 | 0 | 192 | 380 | 150 | 722 | 0 | 129 | 471 | 118 | 718 | 2,987 |
| 14:30 | 0 | 95 | 461 | 122 | 678 | 1 | 114 | 560 | 101 | 776 | 0 | 173 | 469 | 128 | 770 | 0 | 118 | 472 | 104 | 694 | 2,918 |
| 15:30 | 2 | 97 | 477 | 113 | 689 | 2 | 142 | 613 | 112 | 869 | 0 | 170 | 460 | 114 | 744 | 0 | 142 | 584 | 138 | 864 | 3,166 |
| 16:30 | 0 | 93 | 525 | 131 | 749 | 3 | 162 | 732 | 107 | 1,004 | 0 | 197 | 387 | 101 | 685 | 0 | 117 | 507 | 104 | 728 | 3,166 |
| 17:30 | 0 | 92 | 524 | 121 | 737 | 5 | 116 | 576 | 103 | 800 | 0 | 165 | 360 | 122 | 647 | 0 | 103 | 447 | 108 | 658 | 2,842 |
| 18:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 19:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 20:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 21:30 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 |  |  |  |  | 0 | 0 |
| 16-hr total | 6 | 970 | 5,460 | 1,185 | 7,621 | 23 | 1,397 | 6,524 | 1,044 | 8,988 | 1 | 1,882 | 4,198 | 1,333 | 7,414 | 0 | 1,217 | 4,869 | 1,092 | 7,178 | 31,201 |


| Var |  |  |  |  |  |  |  | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Warrant Evaluated? Yes |  |  | Time Period | From | Warrant 1 Satisfied? |  |  |  |
| Condition A : <br> Min. Veh. Volume |  |  |  |  | To | Maj Road: Both App. (VPH) | Min <br> Road: High App. | Total |
| Volume Level | 100\% | 80\% |  |  |  |  |  |  |
| Major Rd. Req | 600 | 480 | 1 | 6:30 | 7:30 | 700 | 281 | 981 |
| Minor Rd. Req | 200 | 160 | 2 | 7:30 | 8:30 | 1,135 | 518 | 1,653 |
| No. of Hours | 12 | 12 | 3 | 8:30 | 9:30 | 1,047 | 454 | 1,501 |
| Condition A Satisfied? |  | Yes | 4 | 9:30 | 10:30 | 999 | 430 | 1,429 |
|  |  | 5 | 10:30 | 11:30 | 1,056 | 459 | 1,515 |  |
| Condition B: |  |  | 6 | 11:30 | 12:30 | 1,295 | 507 | 1,802 |
| Interruption of Continuous Traffic |  |  | 7 | 12:30 | 13:30 | 1,419 | 549 | 1,968 |
| Volume Level | 100\% |  | 80\% | 8 | 13:30 | 14:30 | 1,337 | 600 | 1,937 |
| Major Rd. Req | 900 | 720 | 9 | 14:30 | 15:30 | 1,231 | 642 | 1,873 |
| Minor Rd. Req | 100 | 80 | 10 | 15:30 | 16:30 | 1,333 | 726 | 2,059 |
| No. of Hours | 11 | 11 | 11 | 16:30 | 17:30 | 1,515 | 624 | 2,139 |
| Condition B Satisfied? Yes |  |  | 12 | 17:30 | 18:30 | 1,313 | 550 | 1,863 |
|  |  |  | 13 | 18:30 | 19:30 | 0 | 0 | 0 |
| Cond | C: |  | 14 | 19:30 | 20:30 | 0 | 0 | 0 |
| Combination | f A \& B | 80\% | 15 | 20:30 | 21:30 | 0 | 0 | 0 |
| Condition C | tisfied? | Yes | 16 | 21:30 | 22:30 | 0 | 0 | 0 |

Warrant 2: Four-Hour Volume

| Warrant Evaluated? | Yes | Warrant Satisfied? | Yes |  |
| :--- | :---: | :---: | :---: | :---: |
| Hour Start | $16: 30$ | $15: 30$ | $12: 30$ | $13: 30$ |
| Major Rd Vol. | 1515 | 1333 | 1419 | 1337 |
| Minor Rd Vol. | 624 | 726 | 549 | 600 |


| Warrant 3: Peak Hour Volume |  | $100 \%$ |
| :--- | :--- | :--- |
| Warrant Evaluated? Yes | Warrant Satisfied? Yes |  |

Condition justifying use of warrant:

| Write in response here |  |  |  |
| :---: | :---: | :---: | :---: |
| Criteria |  |  | Met? |
| Delay on Minor Approach |  | 5 | Yes |
| Volume on Minor Approach |  | 150 | Yes |
| Total Entering Volume (veh/h) |  | 800 |  |
| Peak Hour | Major Road Vol. <br> (Both Approch) | Minor <br> (High | oad Vol. <br> proach) |
| 16:30 | 1515 |  |  |


| Warrant 4: Pedestrian Volume |  |  |  |  |  | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Warrant Evaluated? Yes Ped Data |  | Warrant Satisfied? <br> Criterion A: Four Hour |  |  |  | No |
|  |  |  |
| $\begin{aligned} & \text { Hour } \\ & \text { (Start) } \end{aligned}$ | Ped Volume |  |  |  |  | $\begin{array}{\|l\|} \hline \text { Hour } \\ \text { (Start) } \\ \hline \end{array}$ |  | Maj Rd Volume |  |  |
| 6:00 | 0 | 15:00 | 6 | 1231 |  |  |
| 7:00 | 0 | 11:00 | 3 | 1056 |  |  |
| 8:00 | 0 | 10:00 | 2 | 999 |  |  |
| 9:00 | 1 | 13:00 | 2 | 1419 |  |  |
| 10:00 | 2 | Criter | rion A S | atisfied? | No |  |
| 11:00 | 3 | Criterion B: P | Peak Ho |  |  |  |
| 12:00 | 1 | Peak | Ped | Maj Rd |  |  |
| 13:00 | 2 | Hour | Volume | Volume |  |  |
| 14:00 | 0 | 15:00 | 6 | 1231 |  |  |
| 15:00 | 6 | Criter | rion B S | Satisfied? | No |  |




| Warrant 5: School Crossing |  |  |  | 100\% |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Warrant Evaluated? |  | Yes |  | Warrant Satisfied? |  |  | No |
| Criteria |  |  |  |  |  |  | Fulfilled? |
| 1 | There are a MINIMUM of 20 school children during the highest crossing hour. |  |  |  |  |  | No |
| 2 | There are fewer adequate gaps in the major road traffic stream during the period when the school children are using the crossing than the number of minutes in the same period. |  |  |  |  |  | No |
| 3 | The nearest traffic signal along the major road is located more than 300 ft away. Or, the nearest traffic signal is within 300 ft but the proposed traffic signal will not restrict the progressive movement of traffic. |  |  |  |  |  | No |
| Warrant 6: Coordinated Signal System |  |  |  |  |  |  | 100\% |
| Warrant Evaluated? Yes |  |  |  | Warrant Satisfied? |  |  | No |
| Criteria |  |  |  |  |  |  |  |
| 1 | Signal spacing > 1000 ft |  |  |  |  |  | Yes |
| 2 | On a one-way road or a road that has traffic predominantly in one direction, the adjacent signals are so far apart that they do not provide the necessary degree of vehicle platooning. |  |  |  |  |  | No |
| 3 | On a two-way road, adjacent signals do not provide the necessary degree of platooning and the proposed and the adjacent signals will collectively provide a progressive operation. |  |  |  |  |  | No |
| Warrant 7: Crash Experience |  |  |  |  |  |  | 100\% |
| Warrant Evaluated? Yes |  |  |  | Warrant Satisfied? |  |  | Yes |
| Criteria |  |  |  | Met? |  |  | Fulfilled? |
| 1 | Adequate trial of other remedial measures has failed to reduce crash frequency. |  |  |  |  |  | Yes |
|  | Measures Tried: |  |  |  |  |  |  |
| 2 | Five or more r have occurred | ported crashes, <br> within a 12 mo | \# of correctible crashes | 38 | Period <br> (Years) | 5 | Yes |
| 3 | Warrant 1, Condition A (80\%) |  |  |  |  | Yes | Yes |
|  | Warrant 1, Condition B (80\%) |  |  |  |  | Yes |  |
|  | Warrant 4, Criterion A (80\%) |  |  |  |  | No |  |
|  | Warrant 4, Criterion B (80\%) |  |  |  |  | No |  |




# Appendix F: Intersection Control Evaluation (ICE) 

| GDOT PI\＃（or N／A）：N／A | Request By：District Engineer |  |
| :---: | :---: | :---: |
| County：Bibb | GDOT District： 3 －Thomaston |  |
| Major（State）Road：SR 22 | Speed Limit： | 45 mph |
| Minor（Crossing）ST：SR 247 | Speed Limit： | 40 mph |
| Major ST Direction：EastWest | rea Type：Urban |  |
| Intersection Contro：：Signal（turn lanes on mainline） |  |  |
| Prepared By：Arcadis | Analyst：JG |  |
| Date： $11 / 11 / 2019$ | Project ID：18－3024 |  |



| 2018 | Existing Data Year <br> Project Opening Year <br> Project Design Year |  |  | 2018 Existing Year Volumes$494 \text { (745) [13700] }$ |  |  |  |  | Annual Growth Rate： <br> K Factor＊： |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2024 |  |  |  |  |  |  |  | N |  |  | 0．5\％ |
| 2044 |  |  |  | （0） | （106） | （524） | （115） | － |  |  |  |
|  |  |  |  | 0 | 68 | 358 | 68 | \％ |  |  |  |
|  |  | EB SR 22 |  | Peds ${ }^{\text {¢ }}$ | 4 | $\Downarrow$ | $\stackrel{4}{4}$ | $\xrightarrow{\text { Peds }}$ | 0 | （0）${ }^{\circ}$ |  |
|  |  | （91） | 67 | 耇 | 2018 Intersection Daily Entering Volume（est）： 30，400 |  |  | 企 | 76 | （124）${ }^{\circ}$ |  |
|  |  | （471） | 455 | $\Rightarrow$ |  |  |  | 饣 | 472 | （669） |  |
|  |  | （108） | 57 | $\Rightarrow$ |  |  |  | 5 | 86 | （139）${ }^{\text {er }}$ |  |
|  |  | （0） | 0 | $\xrightarrow{\text { Peds }}$ | 凨 | 介 | ， | ${ }_{\downarrow}$ Peds | WB SR 22 |  |  |
| Peak Hour \％Trucks |  |  |  |  | 135 | 394 | 95 | 0 | Legend： |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| EB | WB | NB | SB |  |  |  |  |  | $000=$ AM Peak Approach Vol <br> （000）＝PM Peak Approach Vol |  |  |
| 2\％ | 2\％ | 2\％ | 2\％ |  | 624 （689）［14600］ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | ［000］＝ADT Volume（Estimate） |  |  |

Approach Splits：SR 22－0．53／SR 247－0．47



Introduction：In 2005，SAFETEA－LU established the Highway Safety Improvement Program（HSIP）and mandated that each state prepare a Strategic Highway Safety Plan（SHSP）to prioritize safety funding investments．Intersections quickly became a common component of most states＇SHSP emphasis areas and HSIP project lists，including Georgia＇s SHSP．Intersection Control Evaluation（ICE）policies and procedures represent a traceable and transparent procedure to streamline the evaluation of intersection control alternatives，and further leverage safety advancements for intersection improvements beyond just the safety program．Approximately one－third of all traffic fatalities and roughly seventy five percent of all traffic crashes in Georgia occur at or adjacent to intersections．Accordingly，the Georgia SHSP includes an emphasis on enhancing intersection safety to advance the Toward Zero Deaths vision embraced by the Georgia Governor＇s Office of Highway Safety（GOHS）．This ICE tool was developed to support the ICE policy，developed and adopted to help ensure that intersection investments across the entire Georgia highway system are selected，prioritized and implemented with defensible benefits for safety towards those ends．

Tool Goal：The goal of this ICE tool is to provide a simplified and consistent way of importing traffic，safety，cost，environmental impact and stakeholder posture data to assess and quantify intersection control improvement benefits．The tool supports the ICE policy and procedures to provide traceability，transparency，consistency and accountability when identifying and selecting an intersection control solution that both meets project purpose and reflects overall best value in terms of specific performance－based criteria．

Requirements：An ICE is required for any intersection improvement（e．g．new or modified intersection，widening／reconstruction or corridor project，or work accomplished through a driveway or encroachment permit that affects an intersection）where：1）the intersection includes at least one roadway designated as a State Route（State Highway System）or as part of the National Highway System；or 2）the intersection will be designed or constructed using State or Federal funding．In certain circumstances where an ICE would otherwise be required，the requirement may be waived based on appropriate evidence presented with a written request．（See the＂Waiver＂tab to review criteria that may make a project waiver eligible and for instructions to submit a waiver request to the Department）．An ICE is not required when the proposed work does not include any changes to the intersection design，involves only routine traffic signal timing and equipment maintenance，or for driveway permits where the driveway is not a new leg to an already existing intersection on either 1）a divided，multi－lane highway with a closed median and only right－in／right－out access or 2 ）an undivided roadway where the development is not required to construct left and／or right turn lanes（as per the Driveway Manual and District Traffic Engineer）．
Two－Stage A complete ICE process consists of two（2）distinct stages，and it is expected that the respective level of effort for completing both stages of ICE will correspond to the Process：magnitude and complexity of the intersection．Prior to starting an ICE，the District Traffic Engineer and／or State Traffic Engineer should be consulted for advice on an appropriate level of effort．The Stage 1 and Stage 2 ICE forms are designed minimize required data inputs using drop－down menu choices and limiting text entry．All fields shaded grey include drop down menu choices and all fields shaded blue require data entry．All other cells in the worksheet are locked．
Stage 1：Stage 1 should be conducted early in the project development process and is intended to inform which alternatives are worthy of further evaluation in Stage 2 ．Stage 1 serves
Screening as a screening effort meant to eliminate non－competitive options and identify which alternatives merit further considerations based on their practical feasibility．Users should
Decision use good engineering judgement in responding to the seven policy questions by selecting＂Yes＂or＂No＂in the drop－down boxes．Alternatives should not be summarily Record eliminated without due consideration，and reasons for eliminating or advancing an alternative should be documented in the＂Screening Decision Justification＂column．
Stage 2：Stage 2 involves a more detailed and familiar evaluation of the alternatives identified in Stage 1 in order to support the selection of a preferred alternative that may be advanced
Alternative to detailed design．Stage 2 data entry may require the use of external analysis tools to determine costs，operations and／or safety data that，combined with environmental and
Selection stakeholder posture data，form the basis of the ICE evaluation．A separate＂CostEst＂worksheet tab helps users develop pre－planning－level cost estimates for each Stage 2
Decision alternative evaluated，and a separate Users Guide has been prepared to give guidance on Stage 1 and Stage 2 data entry．Once all data is entered，each alternative is scored
Record and ranked，with the results reported at the bottom of the Stage 2 worksheet to inform on the best of the intersection controls evaluated for project recommendation．
Documentation：A complete ICE document consists of the combination of the outputs from either a completed and signed waiver form or both Stage 1 and Stage 2 worksheets（along with supporting costing and／or environmental documentation），to be included in the approved project Concept Report（or equivalent）or as a stand－alone document．

| GDOT | PI \# | N/A | Note: Up to 5 alternatives may be selected and evaluated; Use this ICE Stage 1 to screen 5 or fewer alternatives to evaluate in Stage 2 |  |  | Screening Decision Justification: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Projec | Location: | SR 22 @ SR 247 |  |  |  |  |  |  |  |  |
| Existing | g Control: | Signal (turn lanes on mainline) |  |  |  |  |  |  |  |  |
| Prepa | red by: | Arcadis |  |  |  |  |  |  |  |  |
| Date: |  | 11/11/2019 |  |  |  |  |  |  |  |  |
| Answer "Yes" or "No" to each policy question for each control type to identify which alternatives should be evaluated in the Stage 2 Decision Record; enter justification in the rightmost column |  |  |  |  |  |  |  |  |  |  |
| Intersection Alternatives (see Intersections tab for description of each intersection/interchange type) |  |  |  |  |  |  |  |  |  |  |
|  | Convention | (Minor Stop) | No | No | No | No | No | No | No | Multilane approaches, intersection is signalized |
|  | Convention | All-Way Stop) | No | No | No | No | No | No | No | Multilane approaches, intersection is signalized |
|  | Mini Round |  | No | No | No | No | No | No | No | High traffic volume for a mini roundabout |
|  | Single Lane | undabout | No | No | No | No | No | No | No | High traffic volume for a single lane roundabout |
|  | Multilane Ro | dabout | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Potential solution to evaluate |
|  | RCUT (stop | ntrol) | No | No | No | No | No | No | No | Significant impact to create wide median |
|  | RIRO w/dow | stream U-Turn | No | No | No | No | No | No | No | Significant impact to create wide median |
|  | High-T (uns | alized) | No | No | No | No | No | No | No | Not a T-intersection |
|  | Offset-T Int | ctions | No | No | No | No | No | No | No | Significant through volume |
|  | Diamond In | (Stop Control) | No | No | No | No | No | No | No | Not an interchange |
|  | Diamond Int | (RAB Control) | No | No | No | No | No | No | No | Not an interchange |
|  | $\begin{array}{\|l\|} \hline \text { No LT Lane I } \\ \hline \text { No RT Lane } \\ \hline \end{array}$ | rovements rovements | No | No | No | No | No | No | No | N/A |
|  | Other unsig | zed (provide description): | No | No | No | No | No | No | No | N/A |
|  | Traffic Sign |  | Yes | Yes | No | No | Yes | Yes | No | Existing Condition |
|  | Median U-T | (Indirect Left) | No | No | No | No | No | No | No | High traffic volume |
|  | RCUT (sign |  | No | No | No | No | No | No | No | High traffic volume |
|  | Displaced L | Turn (CFI) | No | No | No | No | No | No | No | Significant impact to create wide median |
|  | Continuous | een-T | No | No | No | No | No | No | No | Not a T-intersection |
|  | Jughandle |  | No | No | No | No | No | No | No | Significant impact in multiple quadrants |
|  | Quadrant R | dway | No | No | No | No | No | No | No | Significant impact in multiple quadrants and low left turning volume demand |
|  | Diamond In | (Signal Control) | No | No | No | No | No | No | No | Not an interchange |
|  | Diverging D | ond | No | No | No | No | No | No | No | Not an interchange |
|  | Single Point | erchange | No | No | No | No | No | No | No | Not an interchange |
|  | $\begin{array}{\|l\|} \hline \text { No LT Lane I } \\ \hline \text { No RT Lane } \\ \hline \end{array}$ | rovements rovements | No | No | No | No | No | No | No | N/A |
|  | Signal Impro | ment - Install FYAs | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Road Diet with Existing Condition; Will add Retroreflective Background |

GDOT PI \# (or N/A) N/A<br>County: Bibb<br>Project Location: SR 22 @ SR 247

Existing Intersection Control: Signal (turn lanes on mainline)

## Opening / Design Year Traffic Operations

| Intersection meets signal/AWS warrants? | Meets Signal Warrants |  |
| :--- | :---: | :---: |
| Traffic Analysis Measure of Effectiveness | Intersection Delay |  |
| Traffic Analysis Software Used | Synchro 9 |  |
| Analysis Time Period | AM Peak Hr | PM Peak Hr |
| 2024 Opening Yr No-Build Peak Hr Intersection Delay | 34.8 sec | 40.3 sec |
| 2024 Opening Yr No-Build Peak Hr Intersection V/C | 0.72 | 0.78 |
| 2044 Design Yr No-Build Peak Hr Intersection Delay | 34.9 sec | 41.2 sec |
| 2044 Design Yr No-Build Peak Hr Intersection V/C ratio | 0.73 | 0.79 |
|  |  |  |

GDOT District: 3 - Thomaston Area Type: Urban

Date: 11/11/2019
Agency/Firm: Arcadis
Analyst: JG
Type of Analysis: Safety Funded Project
Alternatives Analysis:
Proposed Control Type/Improvement:

Project Cost: (From CostEst Worksheet)

| Construction Cost |
| :--- |
| ROW Cost |
| Environmental Cost |
| Reimbursable Utility Cost |
| Design \& Contingency Cost |
| Cost Adjustment (justification req'd) |
| Total Cost |
|  |
|  |
|  |

Traffic Operations:


Note: Stage 2 score is not given (shown as "-") if signal or AWS is selected as control type but respective warrants are not met
Provide additional comments and/or explain any unique analysis inputs, or results (as necessary):

| GDOT PI \＃（or N／A）： | N／A | Request By：District Engineer |  |  |
| :---: | :---: | :---: | :---: | :---: |
| County： | Bibb | GDOT District： 3 －Thomaston |  |  |
| Major（State）Road： | SR 247 |  | Speed Limit： | 40 mph |
| Minor（Crossing）ST： | Anthony Rd |  | Speed Limit： | 40 mph |
| Major ST Direction： | North／South | Area Type：Urban |  |  |
| Intersection Control： | Signal（turn lanes on mainline） |  |  |  |
| Prepared By： | Arcadis | Analyst：JG |  |  |
| Date： | 11／11／2019 | Project ID： |  |  |
| Project Purpose： | Improve Instersection Safety |  |  |  |


| 2018 | Existing（current data）Year |  |  |  | 398 （610）［8500］ |  |  | $\begin{aligned} & \underset{\sim}{\underset{\sim}{2}} \\ & \text { 会 } \\ & \text { O } \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2024 |  |  |  |  |  | ual Growth Rate： | 0．5\％ |  |
| 2044 | Project Opening Year <br> Project Design Year |  |  | （0） |  |  |  | （70） | （486） | （54） |  | K Factor＊： | 12\％ |
|  |  |  |  | 0 | 68 | 296 | 34 |  |  |  |  |
|  | EB Anthony Rd |  |  | Peds $\downarrow$ | 4 | $\checkmark$ | $\stackrel{y}{4}$ |  | $\xrightarrow{\text { Peds }}$ | 0 | （0）$\overline{8}$ |  |
|  |  | （67） | 48 | 今） | 2018 Intersection Daily Entering Volume： 27，200 |  |  | ${ }_{4}$ | 47 | （44） |  |
|  |  | （86） | 96 | $\Rightarrow$ |  |  |  | $\stackrel{\square}{ }$ | 84 | （97） |  |
|  |  | （183） | 142 | $\Rightarrow$ |  |  |  | 昂 | 73 | （93） |  |
|  |  | （0） | 0 | $\xrightarrow{\text { Peds }}$ | 婨 | 个 | A | ${ }^{1}$ Peds | WB Anthony Rd |  |  |
|  |  |  |  |  | 92 | 356 | 86 | 0 |  |  |  |
|  | k Hour | \％Tru |  |  |  |  |  |  |  |  |  |
| EB | WB | NB | SB |  |  |  | （56） | （0） |  |  |  |
| 2\％ | 2\％ | 2\％ | 2\％ |  | 534 （624）［10300］ |  |  |  | （000）＝PM Peak Approach Vol <br> ［000］＝ADT Volume（Estimate） |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

Approach Splits：SR 247－0．67／Anthony Rd－ 0.33

2024 Opening Year Volumes 410 （625）［8800］


2044 Design Year Volumes $\quad 450$（695）［9700］


Introduction：In 2005，SAFETEA－LU established the Highway Safety Improvement Program（HSIP）and mandated that each state prepare a Strategic Highway Safety Plan（SHSP）to prioritize safety funding investments．Intersections quickly became a common component of most states＇SHSP emphasis areas and HSIP project lists，including Georgia＇s SHSP．Intersection Control Evaluation（ICE）policies and procedures represent a traceable and transparent procedure to streamline the evaluation of intersection control alternatives，and further leverage safety advancements for intersection improvements beyond just the safety program．Approximately one－third of all traffic fatalities and roughly seventy five percent of all traffic crashes in Georgia occur at or adjacent to intersections．Accordingly，the Georgia SHSP includes an emphasis on enhancing intersection safety to advance the Toward Zero Deaths vision embraced by the Georgia Governor＇s Office of Highway Safety（GOHS）．This ICE tool was developed to support the ICE policy，developed and adopted to help ensure that intersection investments across the entire Georgia highway system are selected，prioritized and implemented with defensible benefits for safety towards those ends．
Tool Goal：The goal of this ICE tool is to provide a simplified and consistent way of importing traffic，safety，cost，environmental impact and stakeholder posture data to assess and quantify intersection control improvement benefits．The tool supports the ICE policy and procedures to provide traceability，transparency，consistency and accountability when identifying and selecting an intersection control solution that both meets project purpose and reflects overall best value in terms of specific performance－based criteria．
Requirements：An ICE is required for any intersection improvement（e．g．new or modified intersection，widening／reconstruction or corridor project，or work accomplished through a driveway or encroachment permit that affects an intersection）where：1）the intersection includes at least one roadway designated as a State Route（State Highway System）or as part of the National Highway System；or 2）the intersection will be designed or constructed using State or Federal funding．In certain circumstances where an ICE would otherwise be required，the requirement may be waived based on appropriate evidence presented with a written request．（See the＂Waiver＂tab to review criteria that may make a project waiver eligible and for instructions to submit a waiver request to the Department）．An ICE is not required when the proposed work does not include any changes to the intersection design，involves only routine traffic signal timing and equipment maintenance，or for driveway permits where the driveway is not a new leg to an already existing intersection on either 1）a divided，multi－lane highway with a closed median and only right－in／right－out access or 2 ）an undivided roadway where the development is not required to construct left and／or right turn lanes（as per the Driveway Manual and District Traffic Engineer）．
Two－Stage A complete ICE process consists of two（2）distinct stages，and it is expected that the respective level of effort for completing both stages of ICE will correspond to the Process：magnitude and complexity of the intersection．Prior to starting an ICE，the District Traffic Engineer and／or State Traffic Engineer should be consulted for advice on an appropriate level of effort．The Stage 1 and Stage 2 ICE forms are designed minimize required data inputs using drop－down menu choices and limiting text entry．All fields shaded grey include drop down menu choices and all fields shaded blue require data entry．All other cells in the worksheet are locked．

Stage 1：Stage 1 should be conducted early in the project development process and is intended to inform which alternatives are worthy of further evaluation in Stage 2 ．Stage 1 serves Screening as a screening effort meant to eliminate non－competitive options and identify which alternatives merit further considerations based on their practical feasibility．Users should Decision use good engineering judgement in responding to the seven policy questions by selecting＂Yes＂or＂No＂in the drop－down boxes．Alternatives should not be summarily Record eliminated without due consideration，and reasons for eliminating or advancing an alternative should be documented in the＂Screening Decision Justification＂column．

Stage 2：Stage 2 involves a more detailed and familiar evaluation of the alternatives identified in Stage 1 in order to support the selection of a preferred alternative that may be advanced Alternative to detailed design．Stage 2 data entry may require the use of external analysis tools to determine costs，operations and／or safety data that，combined with environmental and Selection stakeholder posture data，form the basis of the ICE evaluation．A separate＂CostEst＂worksheet tab helps users develop pre－planning－level cost estimates for each Stage 2 Decision alternative evaluated，and a separate Users Guide has been prepared to give guidance on Stage 1 and Stage 2 data entry．Once all data is entered，each alternative is scored Record and ranked，with the results reported at the bottom of the Stage 2 worksheet to inform on the best of the intersection controls evaluated for project recommendation．
Documentation：A complete ICE document consists of the combination of the outputs from either a completed and signed waiver form or both Stage 1 and Stage 2 worksheets（along with supporting costing and／or environmental documentation），to be included in the approved project Concept Report（or equivalent）or as a stand－alone document．

| GDOT PI \# | N/A |
| :--- | :---: |
| Project Location: | SR 247 @ Anthony Rd |
| Prepared by: | Arcadis |
| Analyst: | JG |
| Date: | $11 / 11 / 2019$ |


| $\begin{array}{c}\text { Answer "Yes" or "No" to each policy question for } \\ \text { each control type to identify which alternatives } \\ \text { should be evaluated in the Stage } 2 \text { Decision Record; } \\ \text { enter justification in the rightmost column }\end{array}$ |
| :---: |
| $\begin{array}{l}\text { Intersection Alternative (see "Intersections" tab for } \\ \text { detailed description of intersectionlinterchange type) }\end{array}$ |

Note: Up to 5 alternatives may be selected and evaluated; Use this ICE Stage 1 to screen 5 or fewe alternatives to evaluate in Stage 2

## 

| Conventional (Minor Stop) |  |
| :--- | :--- |
| Conventional (All-Way Stop) |  |
| Mini Roundabout |  |

GDOT PI \# (or N/A) N/A
County: Bibb
Project Location: SR 247 @ Anthony Rd
Existing Intersection Control: Signal (turn lanes on mainline)
Opening / Design Year Traffic Operations

| Intersection meets signal/AWS warrants? | Meets Signal Warrants |  |
| :--- | :---: | :---: |
| Traffic Analysis Measure of Effectiveness | Intersection Delay |  |
| Traffic Analysis Software Used | Synchro 9 |  |
| Analysis Time Period | AM Peak Hr | PM Peak Hr |
| 2024 Opening Yr No-Build Peak Hr Intersection Delay | 22.1 sec | 19.6 sec |
| 2024 Opening Yr No-Build Peak Hr Intersection V/C | 0.65 | 0.62 |
| 2044 Design Yr No-Build Peak Hr Intersection Delay | 25.3 sec | 20.8 sec |
| 2044 Design Yr No-Build Peak Hr Intersection V/C ratio | 0.60 | 0.64 |
|  |  |  |

GDOT District: 3 - Thomaston
Area Type: Urban

Date: 11/11/2019
Agency/Firm: Arcadis
Analyst: JG
Type of Analysis: Safety Funded Project


Note: Stage 2 score is not given (shown as "-") if signal or AWS is selected as control type but respective warrants are not met
Provide additional comments and/or explain any unique analysis inputs, or results (as necessary):

| GDOT PI \# (or N/A): | N/A | Request By: District Engineer |  |  |
| :---: | :---: | :---: | :---: | :---: |
| County: | Bibb | GDOT District: 3 - Thomaston |  |  |
| Major (State) Road: | SR 247 |  | Speed Limit: | 35 mph |
| Minor (Crossing) ST: | SR 74 |  | Speed Limit: | 40 mph |
| Major ST Direction: | North/South | Area Type:Urban |  |  |
| Intersection Control: | Signal (turn lanes on mainline) |  |  |  |
| Prepared By: | Arcadis | Analyst:JG |  |  |
| Date: | 11/7/2019 | Project ID: |  |  |
| Project Purpose: | Improve Intersection Safety |  |  |  |



Approach Splits: SR 247-0.42 / SR 74-0.58

2024 Opening Year Volumes 495 (660) [9200]



Introduction: In 2005, SAFETEA-LU established the Highway Safety Improvement Program (HSIP) and mandated that each state prepare a Strategic Highway Safety Plan (SHSP) to prioritize safety funding investments. Intersections quickly became a common component of most states' SHSP emphasis areas and HSIP project lists, including Georgia's SHSP. Intersection Control Evaluation (ICE) policies and procedures represent a traceable and transparent procedure to streamline the evaluation of intersection control alternatives, and further leverage safety advancements for intersection improvements beyond just the safety program. Approximately one-third of all traffic fatalities and roughly seventy five percent of all traffic crashes in Georgia occur at or adjacent to intersections. Accordingly, the Georgia SHSP includes an emphasis on enhancing intersection safety to advance the Toward Zero Deaths vision embraced by the Georgia Governor's Office of Highway Safety (GOHS). This ICE tool was developed to support the ICE policy, developed and adopted to help ensure that intersection investments across the entire Georgia highway system are selected, prioritized and implemented with defensible benefits for safety towards those ends.
Tool Goal: The goal of this ICE tool is to provide a simplified and consistent way of importing traffic, safety, cost, environmental impact and stakeholder posture data to assess and quantify intersection control improvement benefits. The tool supports the ICE policy and procedures to provide traceability, transparency, consistency and accountability when identifying and selecting an intersection control solution that both meets project purpose and reflects overall best value in terms of specific performance-based criteria.
Requirements: An ICE is required for any intersection improvement (e.g. new or modified intersection, widening/reconstruction or corridor project, or work accomplished through a driveway or encroachment permit that affects an intersection) where: 1) the intersection includes at least one roadway designated as a State Route (State Highway System) or as part of the National Highway System; or 2) the intersection will be designed or constructed using State or Federal funding. In certain circumstances where an ICE would otherwise be required, the requirement may be waived based on appropriate evidence presented with a written request. (See the "Waiver" tab to review criteria that may make a project waiver eligible and for instructions to submit a waiver request to the Department). An ICE is not required when the proposed work does not include any changes to the intersection design, involves only routine traffic signal timing and equipment maintenance, or for driveway permits where the driveway is not a new leg to an already existing intersection on either 1) a divided, multi-lane highway with a closed median and only right-in/right-out access or 2 ) an undivided roadway where the development is not required to construct left and/or right turn lanes (as per the Driveway Manual and District Traffic Engineer).
Two-Stage A complete ICE process consists of two (2) distinct stages, and it is expected that the respective level of effort for completing both stages of ICE will correspond to the Process: magnitude and complexity of the intersection. Prior to starting an ICE, the District Traffic Engineer and/or State Traffic Engineer should be consulted for advice on an appropriate level of effort. The Stage 1 and Stage 2 ICE forms are designed minimize required data inputs using drop-down menu choices and limiting text entry. All fields shaded grey include drop down menu choices and all fields shaded blue require data entry. All other cells in the worksheet are locked.

Stage 1: Stage 1 should be conducted early in the project development process and is intended to inform which alternatives are worthy of further evaluation in Stage 2 . Stage 1 serves
Screening as a screening effort meant to eliminate non-competitive options and identify which alternatives merit further considerations based on their practical feasibility. Users should Decision use good engineering judgement in responding to the seven policy questions by selecting "Yes" or "No" in the drop-down boxes. Alternatives should not be summarily Record eliminated without due consideration, and reasons for eliminating or advancing an alternative should be documented in the "Screening Decision Justification" column.

Stage 2: Stage 2 involves a more detailed and familiar evaluation of the alternatives identified in Stage 1 in order to support the selection of a preferred alternative that may be advanced Alternative to detailed design. Stage 2 data entry may require the use of external analysis tools to determine costs, operations and/or safety data that, combined with environmental and Selection stakeholder posture data, form the basis of the ICE evaluation. A separate "CostEst" worksheet tab helps users develop pre-planning-level cost estimates for each Stage 2
Decision alternative evaluated, and a separate Users Guide has been prepared to give guidance on Stage 1 and Stage 2 data entry. Once all data is entered, each alternative is scored Record and ranked, with the results reported at the bottom of the Stage 2 worksheet to inform on the best of the intersection controls evaluated for project recommendation.
Documentation: A complete ICE document consists of the combination of the outputs from either a completed and signed waiver form or both Stage 1 and Stage 2 worksheets (along with supporting costing and/or environmental documentation), to be included in the approved project Concept Report (or equivalent) or as a stand-alone document.

| GDOT PI \# | N/A |
| :--- | :---: |
| Project Location: | SR 247 @ SR 74 |
| Prepared by: | Arcadis |
| Analyst: | JG |
| Date: | 11/7/2019 |

Note: Up to 5 alternatives may be selected and evaluated; Use this ICE Stage 1 to screen 5 or fewe alternatives to evaluate in

| Answer "Yes" or "No" to each policy question for |
| :---: |
| each control type to identify which alternatives |
| should be evaluated in the Stage 2 Decision Record; |
| enter justification in the rightmost column |
| $\begin{array}{c}\text { Intersection Alternative (see "Intersections" tab for } \\ \text { detailed description of intersection/interchange type) }\end{array}$ | Stage 2

## 

| Conventional (Minor Stop) |  |
| :--- | :--- |
| Conventional (All-Way Stop) |  |
| Mini Roundabout |  |

GDOT PI \# (or N/A) N/A
County: Bibb
Project Location: SR 247 @ SR 74

Existing Intersection Control: Signal (turn lanes on mainline)
Opening / Design Year Traffic Operations

| Intersection meets signal/AWS warrants? | Meets Signal Warrants |  |
| :--- | :---: | :---: |
| Traffic Analysis Measure of Effectiveness | Intersection Delay |  |
| Traffic Analysis Software Used | Synchro 9 |  |
| Analysis Time Period | AM Peak Hr | PM Peak Hr |
| 2024 Opening Yr No-Build Peak Hr Intersection Delay | 30.8 sec | 34.8 sec |
| 2024 Opening Yr No-Build Peak Hr Intersection V/C | 0.74 | 0.76 |
| 2044 Design Yr No-Build Peak Hr Intersection Delay | 31.0 sec | 35.9 sec |
| 2044 Design Yr No-Build Peak Hr Intersection V/C ratio | 0.80 | 0.79 |
|  |  |  |

GDOT District: 3 - Thomaston
Area Type: Urban

Date: 11/7/2019
Agency/Firm: Arcadis
Analyst: JG
Type of Analysis: Safety Funded Project


Note: Stage 2 score is not given (shown as "-") if signal or AWS is selected as control type but respective warrants are not met Provide additional comments and/or Alternative 3 includes converting the southbound right-turn lane from shared through/right to right-turn only. explain any unique analysis inputs, or results (as necessary):

## Appendix G: Alternatives Operation Analysis

## LANE SUMMARY

Site: [SR 22 at Pio Nono Ave - AM Peak 2044]

Roundabout

| Lane Use and Performance |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Demand Total veh/h | $\begin{aligned} & \text { lows } \\ & \text { HV } \\ & \% \end{aligned}$ | Cap. veh/h | Deg. Satn v/c | Lane Util. \% | Average Delay sec | Level of Service | 95\% Bac <br> Veh | $\begin{array}{r} \text { Queue } \\ \text { Dist } \\ \text { ft } \end{array}$ | Lane Config | Lane Length ft | Cap. <br> Adj. <br> \% | Prob. Block. \% |
| South: Pio Nono Ave / US 41/SR 247 NB |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 342 | 2.0 | 829 | 0.412 | 100 | 9.4 | LOS A | 2.3 | 59.7 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 414 | 2.0 | 1004 | 0.412 | 100 | 8.1 | LOS A | 2.4 | 60.5 | Full | 1600 | 0.0 | 0.0 |
| Approach | 755 | 2.0 |  | 0.412 |  | 8.7 | LOS A | 2.4 | 60.5 |  |  |  |  |
| East: Eisenhower Pkwy / SR 22 WB |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 408 | 2.0 | 821 | 0.497 | 100 | 11.1 | LOS B | 3.5 | 87.8 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 494 | 2.0 | 995 | 0.497 | 100 | 9.6 | LOS A | 3.6 | 91.4 | Full | 1600 | 0.0 | 0.0 |
| Approach | 902 | 2.0 |  | 0.497 |  | 10.3 | LOS B | 3.6 | 91.4 |  |  |  |  |
| North: Pio Nono Ave / US 41/SR 247 SB |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 287 | 2.0 | 696 | 0.412 | 100 | 10.8 | LOS B | 2.4 | 60.6 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 363 | 2.0 | 879 | 0.412 | 100 | 9.0 | LOS A | 2.5 | 64.0 | Full | 1600 | 0.0 | 0.0 |
| Approach | 649 | 2.0 |  | 0.412 |  | 9.8 | LOS A | 2.5 | 64.0 |  |  |  |  |
| West: Eisenhower Pkwy / SR 22 EB |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 318 | 2.0 | 849 | 0.375 | 100 | 8.6 | LOS A | 2.0 | 49.6 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 382 | 2.0 | 1017 | 0.375 | 100 | 7.5 | LOS A | 2.0 | 50.9 | Full | 1600 | 0.0 | 0.0 |
| Approach | 700 | 2.0 |  | 0.375 |  | 8.0 | LOS A | 2.0 | 50.9 |  |  |  |  |
| Intersection | 3007 | 2.0 |  | 0.497 |  | 9.3 | LOS A | 3.6 | 91.4 |  |  |  |  |

Site Level of Service (LOS) Method: Delay \& v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab). Roundabout LOS Method: Same as Sign Control.
Lane LOS values are based on average delay and v/c ratio (degree of saturation) per lane.
LOS $F$ will result if $v / c>1$ irrespective of lane delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all lanes (v/c not used as specified in HCM 6).
Roundabout Capacity Model: SIDRA Standard.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies. Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (\%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.
d Dominant lane on roundabout approach

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Project: G:ITrflTM160002_GDOT Safetyl04 - Task OrderslTO\#1 - TE Studies\19-3007-SR 22 Eisenhower PkwylTraffic Analysis\SidralSR 22 at Pio Nono AvelSR 22 at Pio Nono Ave.sip7

## LANE SUMMARY

Site: [SR 22 at Pio Nono Ave - PM Peak 2044 ]

Roundabout

| Lane Use and Performance |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Demand Total veh/h | $\begin{gathered} =\text { lows } \\ \text { HV } \\ \% \end{gathered}$ | Cap. veh/h | Deg. Satn v/c | Lane Util. \% | Average Delay sec | Level of Service | 95\% Back Veh | Queue Dist ft | Lane Config | Lane Length ft | Cap. Adj. <br> \% | Prob. Block. \% |
| South: Pio Nono Ave / US 41/SR 247 NB |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 365 | 2.0 | 609 | 0.600 | 100 | 17.4 | LOS C | 4.8 | 121.4 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 470 | 2.0 | 782 | 0.600 | 100 | 14.3 | LOS B | 5.3 | 134.6 | Full | 1600 | 0.0 | 0.0 |
| Approach | 835 | 2.0 |  | 0.600 |  | 15.6 | LOS C | 5.3 | 134.6 |  |  |  |  |
| East: Eisenhower Pkwy / SR 22 WB |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 613 | 2.0 | 740 | 0.829 | 100 | 27.9 | LOS D | 12.4 | 314.2 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 756 | 2.0 | 913 | 0.829 | 100 | 23.9 | LOS C | 13.8 | 349.3 | Full | 1600 | 0.0 | 0.0 |
| Approach | 1370 | 2.0 |  | 0.829 |  | 25.7 | LOS D | 13.8 | 349.3 |  |  |  |  |
| North: Pio Nono Ave / US 41/SR 247 SB |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 414 | 2.0 | 450 | 0.921 | 100 | 55.1 | LOS F | 13.3 | 338.6 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 569 | 2.0 | 617 | 0.921 | 100 | 45.0 | LOS E | 16.2 | 411.7 | Full | 1600 | 0.0 | 0.0 |
| Approach | 983 | 2.0 |  | 0.921 |  | 49.3 | LOS E | 16.2 | 411.7 |  |  |  |  |
| West: Eisenhower Pkwy / SR 22 EB |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 460 | 2.0 | 618 | 0.744 | 100 | 24.5 | LOS C | 8.0 | 202.2 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 587 | 2.0 | 789 | 0.744 | 100 | 20.3 | LOS C | 9.0 | 227.4 | Full | 1600 | 0.0 | 0.0 |
| Approach | 1047 | 2.0 |  | 0.744 |  | 22.2 | LOS C | 9.0 | 227.4 |  |  |  |  |
| Intersection | 4235 | 2.0 |  | 0.921 |  | 28.3 | LOS D | 16.2 | 411.7 |  |  |  |  |

Site Level of Service (LOS) Method: Delay \& v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab). Roundabout LOS Method: Same as Sign Control.
Lane LOS values are based on average delay and v/c ratio (degree of saturation) per lane.
LOS $F$ will result if $v / c>1$ irrespective of lane delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all lanes (v/c not used as specified in HCM 6).
Roundabout Capacity Model: SIDRA Standard.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies. Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (\%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.
d Dominant lane on roundabout approach

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Project: G:ITrflTM160002_GDOT Safetyl04 - Task OrderslTO\#1 - TE Studiesl19-3007-SR 22 Eisenhower PkwylTraffic Analysis\SidralSR 22 at Pio Nono AvelSR 22 at Pio Nono Ave.sip7

Timings
1：Pio Nono Ave／SR 247 \＆Eisenhower Pkwy／SR 22

|  | 4 |  |  | $\dagger$ |  |  | 4 | $\uparrow$ | $p$ | $\downarrow$ | $\downarrow$ | $\checkmark$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Lane Configurations | ${ }^{7}$ | 个个中 | ＂ | ${ }^{7}$ | 个种 | ＂ | \％ | 个4 | \％ | \％ | 个4 | $\overline{7}$ |
| Traffic Volume（vph） | 80 | 600 | 65 | 100 | 760 | 90 | 150 | 455 | 105 | 80 | 405 | 80 |
| Future Volume（vph） | 80 | 600 | 65 | 100 | 760 | 90 | 150 | 455 | 105 | 80 | 405 | 80 |
| Turn Type | Prot | NA | Perm | Prot | NA | Perm | Prot | NA | Perm | Prot | NA | Perm |
| Protected Phases | 1 | 6 |  | 5 | 2 |  | 7 | 4 |  | 3 | 8 |  |
| Permitted Phases |  |  | 6 |  |  | 2 |  |  | 4 |  |  | 8 |
| Detector Phase | 1 | 6 | 6 | 5 | 2 | 2 | 7 | 4 | 4 | 3 | 8 | 8 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 | 12.0 |
| Minimum Split（s） | 11.9 | 41.3 | 41.3 | 11.6 | 41.3 | 41.3 | 11.5 | 42.0 | 42.0 | 11.7 | 42.0 | 42.0 |
| Total Split（s） | 12.0 | 41.0 | 41.0 | 12.0 | 41.0 | 41.0 | 16.0 | 39.0 | 39.0 | 18.0 | 41.0 | 41.0 |
| Total Split（\％） | 10．9\％ | 37．3\％ | 37．3\％ | 10．9\％ | 37．3\％ | 37．3\％ | 14．5\％ | 35．5\％ | 35．5\％ | 16．4\％ | 37．3\％ | 37．3\％ |
| Yellow Time（s） | 3.0 | 4.1 | 4.1 | 3.0 | 4.1 | 4.1 | 3.0 | 4.3 | 4.3 | 3.1 | 4.3 | 4.3 |
| All－Red Time（s） | 3.9 | 2.2 | 2.2 | 3.6 | 2.2 | 2.2 | 3.5 | 2.7 | 2.7 | 3.6 | 2.7 | 2.7 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.9 | 6.3 | 6.3 | 6.6 | 6.3 | 6.3 | 6.5 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 |
| Lead／Lag | Lead | Lag | Lag | Lead | Lag | Lag | Lead | Lag | Lag | Lead | Lag | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | C－Min | C－Min | None | C－Min | C－Min | None | None | None | None | None | None |
| Act Effct Green（s） | 11.4 | 32.6 | 32.6 | 14.9 | 35.7 | 35.7 | 14.8 | 28.0 | 28.0 | 10.6 | 21.3 | 21.3 |
| Actuated g／C Ratio | 0.10 | 0.30 | 0.30 | 0.14 | 0.32 | 0.32 | 0.13 | 0.25 | 0.25 | 0.10 | 0.19 | 0.19 |
| $\mathrm{v} / \mathrm{C}$ Ratio | 0.46 | 0.42 | 0.12 | 0.46 | 0.50 | 0.16 | 0.67 | 0.54 | 0.21 | 0.54 | 0.68 | 0.21 |
| Control Delay | 55.1 | 32.2 | 0.4 | 52.0 | 31.6 | 0.5 | 61.6 | 38.9 | 2.3 | 62.3 | 53.5 | 9.9 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 55.1 | 32.2 | 0.4 | 52.0 | 31.6 | 0.5 | 61.6 | 38.9 | 2.3 | 62.3 | 53.5 | 9.9 |
| LOS | E | C | A | D | C | A | E | D | A | E | D | A |
| Approach Delay |  | 31.9 |  |  | 30.8 |  |  | 38.3 |  |  | 48.6 |  |
| Approach LOS |  | C |  |  | C |  |  | D |  |  | D |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 110
Actuated Cycle Length： 110
Offset： $0(0 \%)$ ，Referenced to phase 2：WBT and 6：EBT，Start of Green
Natural Cycle： 110
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.68
Intersection Signal Delay： 36.4 Intersection LOS：D
Intersection Capacity Utilization 60．9\％ICU Level of Service B
Analysis Period（min） 15
Splits and Phases：1：Pio Nono Ave／SR 247 \＆Eisenhower Pkwy／SR 22


Timings
1：Pio Nono Ave／SR 247 \＆Eisenhower Pkwy／SR 22

|  | 4 |  |  | 7 |  |  | 4 | $\uparrow$ | ＋ |  | $\downarrow$ | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Lane Configurations | \％ | 恌 | 「 | ${ }^{7}$ | 恌 | 「 | \％ | 个4 | F | \％ | 个4 | F |
| Traffic Volume（vph） | 130 | 770 | 140 | 160 | 980 | 155 | 205 | 465 | 115 | 135 | 595 | 125 |
| Future Volume（vph） | 130 | 770 | 140 | 160 | 980 | 155 | 205 | 465 | 115 | 135 | 595 | 125 |
| Turn Type | Prot | NA | Perm | Prot | NA | Perm | Prot | NA | Perm | Prot | NA | Perm |
| Protected Phases | 1 | 6 |  | 5 | 2 |  | 7 | 4 |  | 3 | 8 |  |
| Permitted Phases |  |  | 6 |  |  | 2 |  |  | 4 |  |  | 8 |
| Detector Phase | 1 | 6 | 6 | 5 | 2 | 2 | 7 | 4 | 4 | 3 | 8 | 8 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 | 12.0 |
| Minimum Split（s） | 11.9 | 37.3 | 37.3 | 11.6 | 39.3 | 39.3 | 11.5 | 47.0 | 47.0 | 11.7 | 50.0 | 50.0 |
| Total Split（s） | 15.0 | 40.0 | 40.0 | 17.0 | 42.0 | 42.0 | 28.0 | 32.0 | 32.0 | 36.0 | 40.0 | 40.0 |
| Total Split（\％） | 12．0\％ | 32．0\％ | 32．0\％ | 13．6\％ | 33．6\％ | 33．6\％ | 22．4\％ | 25．6\％ | 25．6\％ | 28．8\％ | 32．0\％ | 32．0\％ |
| Yellow Time（s） | 3.0 | 4.1 | 4.1 | 3.0 | 4.1 | 4.1 | 3.0 | 4.3 | 4.3 | 3.1 | 4.3 | 4.3 |
| All－Red Time（s） | 3.9 | 2.2 | 2.2 | 3.6 | 2.2 | 2.2 | 3.5 | 2.7 | 2.7 | 3.6 | 2.7 | 2.7 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.9 | 6.3 | 6.3 | 6.6 | 6.3 | 6.3 | 6.5 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 |
| Lead／Lag | Lead | Lag | Lag | Lead | Lag | Lag | Lead | Lag | Lag | Lead | Lag | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | C－Min | C－Min | None | C－Min | C－Min | None | None | None | None | None | None |
| Act Effct Green（s） | 13.6 | 33.5 | 33.5 | 16.3 | 35.9 | 35.9 | 19.4 | 32.6 | 32.6 | 16.0 | 29.4 | 29.4 |
| Actuated g／C Ratio | 0.11 | 0.27 | 0.27 | 0.13 | 0.29 | 0.29 | 0.16 | 0.26 | 0.26 | 0.13 | 0.24 | 0.24 |
| v／c Ratio | 0.73 | 0.61 | 0.26 | 0.77 | 0.75 | 0.28 | 0.82 | 0.55 | 0.22 | 0.67 | 0.81 | 0.29 |
| Control Delay | 77.2 | 42.3 | 2.3 | 76.1 | 44.3 | 3.2 | 74.0 | 42.3 | 0.9 | 65.9 | 53.0 | 6.7 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 77.2 | 42.3 | 2.3 | 76.1 | 44.3 | 3.2 | 74.0 | 42.3 | 0.9 | 65.9 | 53.0 | 6.7 |
| LOS | E | D | A | E | D | A | E | D | A | E | D | A |
| Approach Delay |  | 41.3 |  |  | 43.3 |  |  | 44.5 |  |  | 48.3 |  |
| Approach LOS |  | D |  |  | D |  |  | D |  |  | D |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 125
Actuated Cycle Length： 125
Offset： 0 （ $0 \%$ ），Referenced to phase 2：WBT and 6：EBT，Start of Green
Natural Cycle： 125
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.82
Intersection Signal Delay：44．1 Intersection LOS：D
Intersection Capacity Utilization 76．2\％ ICU Level of Service D
Analysis Period（min） 15
Splits and Phases：1：Pio Nono Ave／SR 247 \＆Eisenhower Pkwy／SR 22


Timings
1：Pio Nono Ave／SR 247 \＆Eisenhower Pkwy／SR 22
11／08／2019

|  | 4 |  |  | 7 |  |  | 4 | $\uparrow$ | $p$ |  | $\ddagger$ | $\checkmark$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Lane Configurations | \％ | 个蚔 | F | \％${ }^{*}$ | 率 | F | \％${ }^{*}$ | 个4 | F | \％${ }^{*}$ | 个4 | 7 |
| Traffic Volume（vph） | 67 | 455 | 57 | 86 | 472 | 76 | 135 | 394 | 95 | 68 | 358 | 68 |
| Future Volume（vph） | 67 | 455 | 57 | 86 | 472 | 76 | 135 | 394 | 95 | 68 | 358 | 68 |
| Turn Type | Prot | NA | pm＋ov | Prot | NA | pm＋ov | Prot | NA | pm＋ov | Prot | NA | $\mathrm{pm}+\mathrm{ov}$ |
| Protected Phases | 1 | 6 | 7 | 5 | 2 | 3 | 7 | 4 | 5 | 3 | 8 | 1 |
| Permitted Phases |  |  | 6 |  |  | 2 |  |  | 4 |  |  | 8 |
| Detector Phase | 1 | 6 | 7 | 5 | 2 | 3 | 7 | 4 | 5 | 3 | 8 | 1 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 |
| Minimum Split（s） | 11.9 | 41.3 | 11.5 | 11.6 | 41.3 | 11.7 | 11.5 | 42.0 | 11.6 | 11.7 | 42.0 | 11.9 |
| Total Split（s） | 15.0 | 42.0 | 15.0 | 15.0 | 42.0 | 15.0 | 15.0 | 48.0 | 15.0 | 15.0 | 48.0 | 15.0 |
| Total Split（\％） | 12．5\％ | 35．0\％ | 12．5\％ | 12．5\％ | 35．0\％ | 12．5\％ | 12．5\％ | 40．0\％ | 12．5\％ | 12．5\％ | 40．0\％ | 12．5\％ |
| Yellow Time（s） | 3.0 | 4.1 | 3.0 | 3.0 | 4.1 | 3.1 | 3.0 | 4.3 | 3.0 | 3.1 | 4.3 | 3.0 |
| All－Red Time（s） | 3.9 | 2.2 | 3.5 | 3.6 | 2.2 | 3.6 | 3.5 | 2.7 | 3.6 | 3.6 | 2.7 | 3.9 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.9 | 6.3 | 6.5 | 6.6 | 6.3 | 6.7 | 6.5 | 7.0 | 6.6 | 6.7 | 7.0 | 6.9 |
| Lead／Lag | Lead | Lag | Lead | Lead | Lag | Lead | Lead | Lag | Lead | Lead | Lag | Lead |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | C－Min | None | None | C－Min | None | None | None | None | None | None | None |
| Act Effct Green（s） | 7.7 | 51.6 | 69.0 | 9.1 | 52.7 | 67.5 | 11.1 | 24.2 | 40.3 | 8.5 | 21.8 | 36.4 |
| Actuated g／C Ratio | 0.06 | 0.43 | 0.58 | 0.08 | 0.44 | 0.56 | 0.09 | 0.20 | 0.34 | 0.07 | 0.18 | 0.30 |
| $\mathrm{v} / \mathrm{c}$ Ratio | 0.37 | 0.25 | 0.07 | 0.41 | 0.26 | 0.10 | 0.52 | 0.67 | 0.19 | 0.37 | 0.73 | 0.16 |
| Control Delay | 58.0 | 23.6 | 1.3 | 57.2 | 23.0 | 3.0 | 57.4 | 48.6 | 4.9 | 40.8 | 54.2 | 10.0 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 58.0 | 23.6 | 1.3 | 57.2 | 23.0 | 3.0 | 57.4 | 48.6 | 4.9 | 40.8 | 54.2 | 10.0 |
| LOS | E | C | A | E | C | A | E | D | A | D | D | B |
| Approach Delay |  | 25.4 |  |  | 25.3 |  |  | 43.9 |  |  | 46.3 |  |
| Approach LOS |  | C |  |  | C |  |  | D |  |  | D |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 120
Actuated Cycle Length： 120
Offset： $0(0 \%)$ ，Referenced to phase 2：WBT and 6：EBT，Start of Green
Natural Cycle： 110
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.73
Intersection Signal Delay： 34.9 Intersection LOS：C
Intersection Capacity Utilization 53．6\％
ICU Level of Service A
Analysis Period（min） 15
Splits and Phases：1：Pio Nono Ave／SR 247 \＆Eisenhower Pkwy／SR 22


Timings
1：Pio Nono Ave／SR 247 \＆Eisenhower Pkwy／SR 22
11／08／2019

|  | 4 |  |  | 7 |  |  | 4 | $\uparrow$ | 7 |  | $\ddagger$ | $\checkmark$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Lane Configurations | \％ | 个蚔 | F | \％${ }^{*}$ | 快4 | F | \％ | 个4 | 「 | \％${ }^{*}$ | 个4 | 7 |
| Traffic Volume（vph） | 91 | 471 | 108 | 139 | 669 | 124 | 180 | 409 | 100 | 115 | 524 | 106 |
| Future Volume（vph） | 91 | 471 | 108 | 139 | 669 | 124 | 180 | 409 | 100 | 115 | 524 | 106 |
| Turn Type | Prot | NA | pm＋ov | Prot | NA | pm＋ov | Prot | NA | pm＋ov | Prot | NA | Perm |
| Protected Phases | 1 | 6 | 7 | 5 | ， | 3 | 7 | 4 | 5 | 3 | 8 |  |
| Permitted Phases |  |  | 6 |  |  | 2 |  |  | 4 |  |  | 8 |
| Detector Phase | 1 | 6 | 7 | 5 | 2 | 3 | 7 | 4 | 5 | 3 | 8 | 8 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 5.0 | 5.0 | 12.0 | 12.0 |
| Minimum Split（s） | 11.9 | 37.3 | 11.5 | 11.6 | 39.3 | 11.7 | 11.5 | 47.0 | 11.6 | 11.7 | 50.0 | 50.0 |
| Total Split（s） | 22.0 | 44.0 | 26.0 | 22.0 | 44.0 | 26.0 | 26.0 | 48.0 | 22.0 | 26.0 | 48.0 | 48.0 |
| Total Split（\％） | 15．7\％ | 31．4\％ | 18．6\％ | 15．7\％ | 31．4\％ | 18．6\％ | 18．6\％ | 34．3\％ | 15．7\％ | 18．6\％ | 34．3\％ | 34．3\％ |
| Yellow Time（s） | 3.0 | 4.1 | 3.0 | 3.0 | 4.1 | 3.1 | 3.0 | 4.3 | 3.0 | 3.1 | 4.3 | 4.3 |
| All－Red Time（s） | 3.9 | 2.2 | 3.5 | 3.6 | 2.2 | 3.6 | 3.5 | 2.7 | 3.6 | 3.6 | 2.7 | 2.7 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.9 | 6.3 | 6.5 | 6.6 | 6.3 | 6.7 | 6.5 | 7.0 | 6.6 | 6.7 | 7.0 | 7.0 |
| Lead／Lag | Lead | Lag | Lead | Lead | Lag | Lead | Lead | Lag | Lead | Lead | Lag | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | C－Min | None | None | C－Min | None | None | None | None | None | None | None |
| Act Effct Green（s） | 9.4 | 53.1 | 73.9 | 12.5 | 55.9 | 73.5 | 14.5 | 36.5 | 55.9 | 11.3 | 33.5 | 33.5 |
| Actuated g／C Ratio | 0.07 | 0.38 | 0.53 | 0.09 | 0.40 | 0.52 | 0.10 | 0.26 | 0.40 | 0.08 | 0.24 | 0.24 |
| $\mathrm{V} / \mathrm{c}$ Ratio | 0.48 | 0.30 | 0.15 | 0.58 | 0.42 | 0.17 | 0.63 | 0.56 | 0.18 | 0.53 | 0.79 | 0.28 |
| Control Delay | 69.7 | 32.9 | 8.3 | 68.5 | 32.8 | 3.7 | 68.2 | 46.5 | 3.9 | 68.4 | 57.0 | 8.1 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 69.7 | 32.9 | 8.3 | 68.5 | 32.8 | 3.7 | 68.2 | 46.5 | 3.9 | 68.4 | 57.0 | 8.1 |
| LOS | E | C | A | E | C | A | E | D | A | E | E | A |
| Approach Delay |  | 33.9 |  |  | 34.3 |  |  | 46.0 |  |  | 51.8 |  |
| Approach LOS |  | C |  |  | C |  |  | D |  |  | D |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 140
Actuated Cycle Length： 140
Offset： 90 （ $64 \%$ ），Referenced to phase 2：WBT and 6：EBT，Start of Green
Natural Cycle： 115
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.79
Intersection Signal Delay：41．2 Intersection LOS：D
Intersection Capacity Utilization 63．5\％
ICU Level of Service B
Analysis Period（min） 15
Splits and Phases：1：Pio Nono Ave／SR 247 \＆Eisenhower Pkwy／SR 22


## LANE SUMMARY

## Site: 101 [Pio Nono Ave at Anthony Rd_2044 AM -Single Lane_Bypass]

2044 AM
0.5\% Growth Rate

Roundabout
Design Life Analysis (Practical Capacity): Results for 26 years

| Lane Use and Performance |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Demand <br> Total veh/h | $\begin{aligned} & \text { lows } \\ & \text { HV } \\ & \% \end{aligned}$ | Cap. veh/h | Deg. Satn v/c | Lane Util. $\%$ | Average Delay sec | Level of Service | 95\% Back <br> Veh | $\begin{aligned} & \text { Queue } \\ & \text { Dist } \\ & \mathrm{ft} \end{aligned}$ | Lane Config | Lane Length ft | Cap. Adj. \% | Prob. Block. \% |
| South: Pio Nono Ave / SR 247/US 41 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane $1^{\text {d }}$ | 656 | 2.0 | 1098 | 0.597 | 100 | 11.0 | LOS B | 5.3 | 133.4 | Full | 1600 | 0.0 | 0.0 |
| Approach | 656 | 2.0 |  | 0.597 |  | 11.0 | LOS B | 5.3 | 133.4 |  |  |  |  |
| East: Anthony Rd |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane $1^{\text {d }}$ | 253 | 2.0 | 763 | 0.332 | 100 | 8.7 | LOS A | 2.3 | 57.5 | Full | 1600 | 0.0 | 0.0 |
| Approach | 253 | 2.0 |  | 0.332 |  | 8.7 | LOS A | 2.3 | 57.5 |  |  |  |  |
| North: Pio Nono Ave /SR 247/ US 41 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane $1^{\text {d }}$ | 424 | 2.0 | 1268 | 0.334 | 100 | 5.9 | LOS A | 2.3 | 58.7 | Full | 1600 | 0.0 | 0.0 |
| Lane 2 | 87 | 2.0 | 1364 | 0.064 | 100 | 3.1 | LOS A | 0.3 | 8.8 | Short | 200 | 0.0 | NA |
| Approach | 511 | 2.0 |  | 0.334 |  | 5.5 | LOS A | 2.3 | 58.7 |  |  |  |  |
| West: Anthony Rd |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane $1^{\text {d }}$ | 187 | 2.0 | 1089 | 0.172 | 100 | 4.8 | LOS A | 1.1 | 28.0 | Full | 1600 | 0.0 | 0.0 |
| Lane 2 | 184 | 2.0 | 1129 | 0.163 | 100 | 4.6 | LOS A | 1.0 | 26.0 | Short | 200 | 0.0 | NA |
| Approach | 371 | 2.0 |  | 0.172 |  | 4.7 | LOS A | 1.1 | 28.0 |  |  |  |  |
| Intersection | 1792 | 2.0 |  | 0.597 |  | 7.8 | LOS A | 5.3 | 133.4 |  |  |  |  |

Site Level of Service (LOS) Method: Delay \& v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab). Roundabout LOS Method: Same as Sign Control.
Lane LOS values are based on average delay and $\mathrm{v} / \mathrm{c}$ ratio (degree of saturation) per lane.
LOS F will result if $\mathrm{v} / \mathrm{c}>1$ irrespective of lane delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all lanes (v/c not used as specified in HCM 6).
Roundabout Capacity Model: SIDRA Standard.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies. Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (\%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.
d Dominant lane on roundabout approach

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## LANE SUMMARY

## (7) Site: 101 [Pio Nono Ave at Anthony Rd_2044 PM -Single Lane_Bypass]

2044 PM
0.5 Growth Rate

Roundabout
Design Life Analysis (Practical Capacity): Results for 26 years

| Lane Use and Performance |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Demand Total veh/h | $\begin{aligned} & \text { lows } \\ & \text { HV } \\ & \% \\ & \hline \end{aligned}$ | Cap. veh/h | Deg. Satn v/c | $\begin{aligned} & \text { Lane } \\ & \text { Util. } \\ & \% \end{aligned}$ | Average Delay sec | Level of Service | 95\% Back Veh | Queue Dist ft | Lane Config | Lane Length ft | Cap. <br> Adj. <br> \% | Prob. Block. \% |
| South: Pio Nono Ave / SR 247/US 41 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane $1^{\text {d }}$ | 720 | 2.0 | 1111 | 0.648 | 100 | 12.2 | LOS B | 7.9 | 200.6 | Full | 1600 | 0.0 | 0.0 |
| Approach | 720 | 2.0 |  | 0.648 |  | 12.2 | LOS B | 7.9 | 200.6 |  |  |  |  |
| East: Anthony Rd |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane $1^{\text {d }}$ | 315 | 2.0 | 685 | 0.459 | 100 | 11.9 | LOS B | 3.9 | 98.2 | Full | 1600 | 0.0 | 0.0 |
| Approach | 315 | 2.0 |  | 0.459 |  | 11.9 | LOS B | 3.9 | 98.2 |  |  |  |  |
| North: Pio Nono Ave /SR 247/ US 41 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane $1^{\text {d }}$ | 671 | 2.0 | 1228 | 0.546 | 100 | 9.1 | LOS A | 4.8 | 122.8 | Full | 1600 | 0.0 | 0.0 |
| Lane 2 | 87 | 2.0 | 1361 | 0.064 | 100 | 3.1 | LOS A | 0.4 | 9.0 | Short | 200 | 0.0 | NA |
| Approach | 757 | 2.0 |  | 0.546 |  | 8.4 | LOS A | 4.8 | 122.8 |  |  |  |  |
| West: Anthony Rd |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane $1^{\text {d }}$ | 184 | 2.0 | 835 | 0.220 | 100 | 6.6 | LOS A | 1.7 | 43.3 | Full | 1600 | 0.0 | 0.0 |
| Lane 2 | 220 | 2.0 | 903 | 0.244 | 100 | 6.5 | LOS A | 1.9 | 47.1 | Short | 200 | 0.0 | NA |
| Approach | 404 | 2.0 |  | 0.244 |  | 6.5 | LOS A | 1.9 | 47.1 |  |  |  |  |
| Intersection | 2196 | 2.0 |  | 0.648 |  | 9.8 | LOS A | 7.9 | 200.6 |  |  |  |  |

Site Level of Service (LOS) Method: Delay \& v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab). Roundabout LOS Method: Same as Sign Control.
Lane LOS values are based on average delay and $\mathrm{v} / \mathrm{c}$ ratio (degree of saturation) per lane.
LOS F will result if $\mathrm{v} / \mathrm{c}>1$ irrespective of lane delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all lanes (v/c not used as specified in HCM 6).
Roundabout Capacity Model: SIDRA Standard.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies. Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (\%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.
d Dominant lane on roundabout approach

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Timings
2: Anthony Rd \& Pio Nono Ave / SR 247

|  | 4 | $\rightarrow$ |  | 7 |  | 4 | 4 | - | $\dagger$ | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | NBL | NBT | SBL | SBT | SBR |
| Lane Configurations | ${ }^{7}$ | 4 | 7 | ${ }^{1}$ | $\uparrow$ | ${ }^{7}$ | 中 ${ }^{\text {a }}$ | ${ }^{7}$ | 44 | 「 |
| Traffic Volume (vph) | 48 | 96 | 142 | 73 | 84 | 92 | 356 | 34 | 296 | 68 |
| Future Volume (vph) | 48 | 96 | 142 | 73 | 84 | 92 | 356 | 34 | 296 | 68 |
| Turn Type | D.P+P | NA | $p m+o v$ | D.P+P | NA | D.P+P | NA | D.P+P | NA | Perm |
| Protected Phases | 3 | 8 | 1 | 7 | 4 | 1 | 6 | 5 | 2 |  |
| Permitted Phases | 4 |  | 8 | 8 |  | 2 |  | 6 |  | 2 |
| Detector Phase | 3 | 8 | 1 | 7 | 4 | 1 | 6 | 5 | 2 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial (s) | 5.0 | 7.0 | 5.0 | 5.0 | 7.0 | 5.0 | 12.0 | 5.0 | 12.0 | 12.0 |
| Minimum Split (s) | 11.0 | 36.5 | 10.9 | 10.5 | 36.5 | 10.9 | 28.9 | 10.8 | 29.9 | 29.9 |
| Total Split (s) | 15.0 | 39.0 | 17.0 | 15.0 | 39.0 | 17.0 | 41.0 | 15.0 | 39.0 | 39.0 |
| Total Split (\%) | 13.6\% | 35.5\% | 15.5\% | 13.6\% | 35.5\% | 15.5\% | 37.3\% | 13.6\% | 35.5\% | 35.5\% |
| Yellow Time (s) | 3.0 | 4.2 | 3.1 | 3.3 | 4.2 | 3.1 | 4.3 | 3.0 | 4.3 | 4.3 |
| All-Red Time (s) | 3.0 | 2.3 | 2.8 | 2.2 | 2.3 | 2.8 | 1.6 | 2.8 | 1.6 | 1.6 |
| Lost Time Adjust (s) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time (s) | 6.0 | 6.5 | 5.9 | 5.5 | 6.5 | 5.9 | 5.9 | 5.8 | 5.9 | 5.9 |
| Lead/Lag | Lead | Lag | Lead | Lead | Lag | Lead | Lag | Lead | Lag | Lag |
| Lead-Lag Optimize? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | None | C-Min | None | C-Min | C-Min |
| Act Effct Green (s) | 21.4 | 13.4 | 27.8 | 22.3 | 14.1 | 66.0 | 62.1 | 67.3 | 58.1 | 58.1 |
| Actuated g/C Ratio | 0.19 | 0.12 | 0.25 | 0.20 | 0.13 | 0.60 | 0.56 | 0.61 | 0.53 | 0.53 |
| v/c Ratio | 0.26 | 0.56 | 0.35 | 0.31 | 0.66 | 0.18 | 0.28 | 0.08 | 0.21 | 0.10 |
| Control Delay | 32.0 | 54.3 | 5.9 | 33.0 | 50.4 | 14.4 | 17.2 | 21.2 | 32.8 | 16.7 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 32.0 | 54.3 | 5.9 | 33.0 | 50.4 | 14.4 | 17.2 | 21.2 | 32.8 | 16.7 |
| LOS | C | D | A | C | D | B | B | C | C | B |
| Approach Delay |  | 26.5 |  |  | 44.2 |  | 16.8 |  | 29.1 |  |
| Approach LOS |  | C |  |  | D |  | B |  | C |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |

Cycle Length: 110
Actuated Cycle Length: 110
Offset: 0 (0\%), Referenced to phase 2:NBSB and 6:NBSB, Start of Yellow
Natural Cycle: 90
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.66
Intersection Signal Delay: 26.2 Intersection LOS: C
Intersection Capacity Utilization 51.2\% ICU Level of Service A
Analysis Period (min) 15
Splits and Phases: 2: Anthony Rd \& Pio Nono Ave / SR 247


Timings
2：Anthony Rd \＆Pio Nono Ave／SR 247

|  | 4 | $\rightarrow$ | $\checkmark$ | $\checkmark$ | $\Perp$ | 4 | $\dagger$ | － | $\dagger$ | $\pm$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | NBL | NBT | SBL | SBT | SBR |
| Lane Configurations | ${ }^{7}$ | 4 | 「 | ${ }^{1}$ | 个 | ${ }^{7}$ | 性 | ${ }^{1}$ | 44 | 「 |
| Traffic Volume（vph） | 67 | 86 | 183 | 93 | 97 | 117 | 451 | 54 | 486 | 70 |
| Future Volume（vph） | 67 | 86 | 183 | 93 | 97 | 117 | 451 | 54 | 486 | 70 |
| Turn Type | D．P＋P | NA | $p m+o v$ | D．P＋P | NA | D．P＋P | NA | D．P＋P | NA | Perm |
| Protected Phases | 3 | 8 | 1 | 7 | 4 | 1 | 6 | 5 | 2 |  |
| Permitted Phases | 4 |  | 8 | 8 |  | 2 |  | 6 |  | 2 |
| Detector Phase | 3 | 8 | 1 | 7 | 4 | 1 | 6 | 5 | 2 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 7.0 | 5.0 | 5.0 | 7.0 | 5.0 | 12.0 | 5.0 | 12.0 | 12.0 |
| Minimum Split（s） | 11.0 | 36.5 | 10.9 | 10.5 | 36.5 | 10.9 | 29.9 | 10.8 | 29.9 | 29.9 |
| Total Split（s） | 15.0 | 39.0 | 18.0 | 15.0 | 39.0 | 18.0 | 51.0 | 15.0 | 48.0 | 48.0 |
| Total Split（\％） | 12．5\％ | 32．5\％ | 15．0\％ | 12．5\％ | 32．5\％ | 15．0\％ | 42．5\％ | 12．5\％ | 40．0\％ | 40．0\％ |
| Yellow Time（s） | 3.0 | 4.2 | 3.1 | 3.3 | 4.2 | 3.1 | 4.3 | 3.0 | 4.3 | 4.3 |
| All－Red Time（s） | 3.0 | 2.3 | 2.8 | 2.2 | 2.3 | 2.8 | 1.6 | 2.8 | 1.6 | 1.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.0 | 6.5 | 5.9 | 5.5 | 6.5 | 5.9 | 5.9 | 5.8 | 5.9 | 5.9 |
| Lead／Lag | Lead | Lag | Lead | Lead | Lag | Lead | Lag | Lead | Lag | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | None | C－Min | None | C－Min | C－Min |
| Act Effct Green（s） | 27.5 | 14.9 | 30.3 | 27.3 | 19.1 | 69.9 | 65.3 | 71.3 | 61.0 | 61.0 |
| Actuated g／C Ratio | 0.23 | 0.12 | 0.25 | 0.23 | 0.16 | 0.58 | 0.54 | 0.59 | 0.51 | 0.51 |
| v／c Ratio | 0.31 | 0.45 | 0.41 | 0.37 | 0.64 | 0.28 | 0.31 | 0.14 | 0.34 | 0.10 |
| Control Delay | 34.4 | 53.7 | 8.2 | 35.6 | 52.8 | 13.4 | 17.7 | 11.1 | 19.9 | 1.0 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 34.4 | 53.7 | 8.2 | 35.6 | 52.8 | 13.4 | 17.7 | 11.1 | 19.9 | 1.0 |
| LOS | C | D | A | D | D | B | B | B | B | A |
| Approach Delay |  | 25.1 |  |  | 46.0 |  | 16.9 |  | 17.0 |  |
| Approach LOS |  | C |  |  | D |  | B |  | B |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 120
Actuated Cycle Length： 120
Offset： 0 （0\％），Referenced to phase 2：NBSB and 6：NBSB，Start of Yellow
Natural Cycle： 90
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.64
Intersection Signal Delay： $22.6 \quad$ Intersection LOS：C
Intersection Capacity Utilization 56．1\％ ICU Level of Service B
Analysis Period（min） 15
Splits and Phases：2：Anthony Rd \＆Pio Nono Ave／SR 247


Timings
2：Anthony Rd \＆Pio Nono Ave／SR 247

|  | 4 | $\rightarrow$ | $\checkmark$ | $\checkmark$ | $4$ | 4 | $\dagger$ | － | $\dagger$ | $\pm$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | NBL | NBT | SBL | SBT | SBR |
| Lane Configurations | ${ }^{1}$ | 4 | 「 | ${ }^{1}$ | 个 | ${ }^{1}$ | 虫 | ${ }^{1}$ | 44 | 「 |
| Traffic Volume（vph） | 48 | 96 | 142 | 73 | 84 | 92 | 356 | 34 | 296 | 68 |
| Future Volume（vph） | 48 | 96 | 142 | 73 | 84 | 92 | 356 | 34 | 296 | 68 |
| Turn Type | pm＋pt | NA | $p m+o v$ | pm＋pt | NA | pm＋pt | NA | pm＋pt | NA | Perm |
| Protected Phases | 3 | 8 | 1 | 7 | 4 | 1 | 6 | 5 | 2 |  |
| Permitted Phases | 8 |  | 8 | 4 |  | 6 |  | 2 |  | 2 |
| Detector Phase | 3 | 8 | 1 | 7 | 4 | 1 | 6 | 5 | 2 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 7.0 | 5.0 | 5.0 | 7.0 | 5.0 | 12.0 | 5.0 | 12.0 | 12.0 |
| Minimum Split（s） | 11.0 | 36.5 | 10.9 | 10.5 | 36.5 | 10.9 | 28.9 | 10.8 | 29.9 | 29.9 |
| Total Split（s） | 15.0 | 44.0 | 19.0 | 15.0 | 44.0 | 19.0 | 47.0 | 14.0 | 42.0 | 42.0 |
| Total Split（\％） | 12．5\％ | 36．7\％ | 15．8\％ | 12．5\％ | 36．7\％ | 15．8\％ | 39．2\％ | 11．7\％ | 35．0\％ | 35．0\％ |
| Yellow Time（s） | 3.0 | 4.2 | 3.1 | 3.3 | 4.2 | 3.1 | 4.3 | 3.0 | 4.3 | 4.3 |
| All－Red Time（s） | 3.0 | 2.3 | 2.8 | 2.2 | 2.3 | 2.8 | 1.6 | 2.8 | 1.6 | 1.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.0 | 6.5 | 5.9 | 5.5 | 6.5 | 5.9 | 5.9 | 5.8 | 5.9 | 5.9 |
| Lead／Lag | Lead | Lag | Lead | Lead | Lag | Lead | Lag | Lead | Lag | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | None | C－Min | None | C－Min | C－Min |
| Act Effct Green（s） | 22.7 | 14.0 | 28.6 | 26.8 | 17.3 | 75.4 | 68.5 | 70.6 | 64.4 | 64.4 |
| Actuated g／C Ratio | 0.19 | 0.12 | 0.24 | 0.22 | 0.14 | 0.63 | 0.57 | 0.59 | 0.54 | 0.54 |
| v／c Ratio | 0.25 | 0.58 | 0.36 | 0.32 | 0.59 | 0.18 | 0.28 | 0.08 | 0.20 | 0.10 |
| Control Delay | 35.4 | 60.1 | 6.5 | 36.5 | 50.0 | 4.1 | 11.7 | 24.7 | 35.4 | 18.1 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 35.4 | 60.1 | 6.5 | 36.5 | 50.0 | 4.1 | 11.7 | 24.7 | 35.4 | 18.1 |
| LOS | D | E | A | D | D | A | B | C | D | B |
| Approach Delay |  | 29.4 |  |  | 45.2 |  | 10.4 |  | 31.6 |  |
| Approach LOS |  | C |  |  | D |  | B |  | C |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 120
Actuated Cycle Length： 120
Offset： $56(47 \%)$ ，Referenced to phase 2：SBTL and $6:$ NBTL，Start of Yellow
Natural Cycle： 90
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.59
Intersection Signal Delay：25．3 Intersection LOS：C
Intersection Capacity Utilization 51．2\％ICU Level of Service A
Analysis Period（min） 15
Splits and Phases：2：Anthony Rd \＆Pio Nono Ave／SR 247


Timings
2：Anthony Rd \＆Pio Nono Ave／SR 247

|  | 4 |  |  |  |  | 4 | 4 | $\checkmark$ | $\downarrow$ | $\checkmark$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | NBL | NBT | SBL | SBT | SBR |
| Lane Configurations | \％ | $\uparrow$ | 「 | \％ | $\uparrow$ | \％ | 中 ${ }^{\text {c }}$ | ＊ | 性 | 「 |
| Traffic Volume（vph） | 67 | 86 | 183 | 93 | 97 | 117 | 451 | 54 | 486 | 70 |
| Future Volume（vph） | 67 | 86 | 183 | 93 | 97 | 117 | 451 | 54 | 486 | 70 |
| Turn Type | pm＋pt | NA | pm＋ov | $\mathrm{pm}+\mathrm{pt}$ | NA | $\mathrm{pm}+\mathrm{pt}$ | NA | pm＋pt | NA | Perm |
| Protected Phases | 3 | 8 | 1 | 7 | 4 | 1 | 6 | 5 | 2 |  |
| Permitted Phases | 8 |  | 8 | 4 |  | 6 |  | 2 |  | 2 |
| Detector Phase | 3 | 8 | 1 | 7 | 4 | 1 | 6 | 5 | 2 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 7.0 | 5.0 | 5.0 | 7.0 | 5.0 | 12.0 | 5.0 | 12.0 | 12.0 |
| Minimum Split（s） | 11.0 | 36.5 | 10.9 | 10.5 | 36.5 | 10.9 | 29.9 | 10.8 | 29.9 | 29.9 |
| Total Split（s） | 16.0 | 39.0 | 21.0 | 16.0 | 39.0 | 21.0 | 51.0 | 14.0 | 44.0 | 44.0 |
| Total Split（\％） | 13．3\％ | 32．5\％ | 17．5\％ | 13．3\％ | 32．5\％ | 17．5\％ | 42．5\％ | 11．7\％ | 36．7\％ | 36．7\％ |
| Yellow Time（s） | 3.0 | 4.2 | 3.1 | 3.3 | 4.2 | 3.1 | 4.3 | 3.0 | 4.3 | 4.3 |
| All－Red Time（s） | 3.0 | 2.3 | 2.8 | 2.2 | 2.3 | 2.8 | 1.6 | 2.8 | 1.6 | 1.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.0 | 6.5 | 5.9 | 5.5 | 6.5 | 5.9 | 5.9 | 5.8 | 5.9 | 5.9 |
| Lead／Lag | Lead | Lag | Lead | Lead | Lag | Lead | Lag | Lead | Lag | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | None | C－Min | None | C－Min | C－Min |
| Act Effct Green（s） | 24.2 | 14.8 | 30.2 | 30.2 | 19.2 | 73.0 | 65.3 | 68.0 | 61.0 | 61.0 |
| Actuated g／C Ratio | 0.20 | 0.12 | 0.25 | 0.25 | 0.16 | 0.61 | 0.54 | 0.57 | 0.51 | 0.51 |
| $\mathrm{v} / \mathrm{C}$ Ratio | 0.31 | 0.45 | 0.41 | 0.38 | 0.64 | 0.28 | 0.31 | 0.14 | 0.34 | 0.10 |
| Control Delay | 34.7 | 53.9 | 9.3 | 35.5 | 52.6 | 11.9 | 17.3 | 4.9 | 13.9 | 3.5 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 34.7 | 53.9 | 9.3 | 35.5 | 52.6 | 11.9 | 17.3 | 4.9 | 13.9 | 3.5 |
| LOS | C | D | A | D | D | B | B | A | B | A |
| Approach Delay |  | 25.8 |  |  | 45.8 |  | 16.3 |  | 11.9 |  |
| Approach LOS |  | C |  |  | D |  | B |  | B |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 120
Actuated Cycle Length： 120
Offset： $80(67 \%)$ ，Referenced to phase 2：SBTL and 6：NBTL，Start of Yellow
Natural Cycle： 90
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.64
Intersection Signal Delay： 20.8 Intersection LOS：C
Intersection Capacity Utilization 56．1\％ ICU Level of Service B
Analysis Period（min） 15
Splits and Phases：2：Anthony Rd \＆Pio Nono Ave／SR 247


Timings
2：Anthony Rd \＆Pio Nono Ave／SR 247

|  | 4 |  |  |  |  |  | 4 | $\uparrow$ | $p$ |  | $\downarrow$ | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Lane Configurations | \％ | $\uparrow$ | 「 | \％ | $\uparrow$ | F | \％ | 个4 | 「 | \％ | 个 $\uparrow$ | F |
| Traffic Volume（vph） | 48 | 96 | 142 | 73 | 84 | 47 | 92 | 356 | 86 | 34 | 296 | 68 |
| Future Volume（vph） | 48 | 96 | 142 | 73 | 84 | 47 | 92 | 356 | 86 | 34 | 296 | 68 |
| Turn Type | D．P＋P | NA | pm＋ov | D．P＋P | NA | Perm | D．P＋P | NA | Perm | D．P＋P | NA | Perm |
| Protected Phases | 3 | 8 | 1 | 7 | 4 |  | 1 | 6 |  | 5 | 2 |  |
| Permitted Phases | 4 |  | 8 | 8 |  | 4 | 2 |  | 6 | 6 |  | 2 |
| Detector Phase | 3 | 8 | 1 | 7 | 4 | 4 | 1 | 6 | 6 | 5 | 2 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 7.0 | 5.0 | 5.0 | 7.0 | 7.0 | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 | 12.0 |
| Minimum Split（s） | 11.0 | 36.5 | 10.9 | 10.5 | 36.5 | 36.5 | 10.9 | 28.9 | 28.9 | 10.8 | 29.9 | 29.9 |
| Total Split（s） | 15.0 | 39.0 | 17.0 | 15.0 | 39.0 | 39.0 | 17.0 | 41.0 | 41.0 | 15.0 | 39.0 | 39.0 |
| Total Split（\％） | 13．6\％ | 35．5\％ | 15．5\％ | 13．6\％ | 35．5\％ | 35．5\％ | 15．5\％ | 37．3\％ | 37．3\％ | 13．6\％ | 35．5\％ | 35．5\％ |
| Yellow Time（s） | 3.0 | 4.2 | 3.1 | 3.3 | 4.2 | 4.2 | 3.1 | 4.3 | 4.3 | 3.0 | 4.3 | 4.3 |
| All－Red Time（s） | 3.0 | 2.3 | 2.8 | 2.2 | 2.3 | 2.3 | 2.8 | 1.6 | 1.6 | 2.8 | 1.6 | 1.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.0 | 6.5 | 5.9 | 5.5 | 6.5 | 6.5 | 5.9 | 5.9 | 5.9 | 5.8 | 5.9 | 5.9 |
| Lead／Lag | Lead | Lag | Lead | Lead | Lag | Lag | Lead | Lag | Lag | Lead | Lag | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | None | None | C－Min | C－Min | None | C－Min | C－Min |
| Act Effct Green（s） | 21.0 | 12.8 | 27.2 | 21.9 | 13.6 | 13.6 | 66.4 | 62.5 | 62.5 | 67.8 | 58.5 | 58.5 |
| Actuated g／C Ratio | 0.19 | 0.12 | 0.25 | 0.20 | 0.12 | 0.12 | 0.60 | 0.57 | 0.57 | 0.62 | 0.53 | 0.53 |
| v／c Ratio | 0.23 | 0.58 | 0.35 | 0.32 | 0.46 | 0.18 | 0.18 | 0.22 | 0.11 | 0.07 | 0.20 | 0.10 |
| Control Delay | 31.7 | 56.3 | 6.1 | 33.6 | 50.1 | 1.2 | 15.9 | 19.8 | 7.6 | 19.7 | 31.3 | 16.1 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 31.7 | 56.3 | 6.1 | 33.6 | 50.1 | 1.2 | 15.9 | 19.8 | 7.6 | 19.7 | 31.3 | 16.1 |
| LOS | C | E | A | C | D | A | B | B | A | B | C | B |
| Approach Delay |  | 27.3 |  |  | 32.9 |  |  | 17.1 |  |  | 27.7 |  |
| Approach LOS |  | C |  |  | C |  |  | B |  |  | C |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 110
Actuated Cycle Length： 110
Offset： $0(0 \%)$ ，Referenced to phase 2：NBSB and 6：NBSB，Start of Yellow
Natural Cycle： 90
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.58
Intersection Signal Delay： 24.5 Intersection LOS：C
Intersection Capacity Utilization 42．3\％
ICU Level of Service A
Analysis Period（min） 15
Splits and Phases：2：Anthony Rd \＆Pio Nono Ave／SR 247


Timings
2：Anthony Rd \＆Pio Nono Ave／SR 247

|  | $\rangle$ |  |  |  |  |  | 4 | $\uparrow$ | $p$ | ＊ | $\downarrow$ | $\checkmark$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| Lane Configurations | \％ | $\uparrow$ | 「 | 7 | $\uparrow$ | 「 | 7 | 个 $\uparrow$ | 「 | \％ | 个 $\uparrow$ | F |
| Traffic Volume（vph） | 67 | 86 | 183 | 93 | 97 | 44 | 117 | 451 | 56 | 54 | 486 | 70 |
| Future Volume（vph） | 67 | 86 | 183 | 93 | 97 | 44 | 117 | 451 | 56 | 54 | 486 | 70 |
| Turn Type | D．P＋P | NA | pm＋ov | D．P＋P | NA | Perm | D．P＋P | NA | Perm | D．P＋P | NA | Perm |
| Protected Phases | 3 | ， | 1 | 7 | 4 |  | 1 | 6 |  | 5 | ， |  |
| Permitted Phases | 4 |  | 8 | 8 |  | 4 | 2 |  | 6 | 6 |  | 2 |
| Detector Phase | 3 | 8 | 1 | 7 | 4 | 4 | 1 | 6 | 6 | 5 | 2 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 7.0 | 5.0 | 5.0 | 7.0 | 7.0 | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 | 12.0 |
| Minimum Split（s） | 11.0 | 31.5 | 10.9 | 10.5 | 31.5 | 31.5 | 10.9 | 29.9 | 29.9 | 10.8 | 29.9 | 29.9 |
| Total Split（s） | 15.0 | 36.0 | 19.0 | 15.0 | 36.0 | 36.0 | 19.0 | 54.0 | 54.0 | 15.0 | 50.0 | 50.0 |
| Total Split（\％） | 12．5\％ | 30．0\％ | 15．8\％ | 12．5\％ | 30．0\％ | 30．0\％ | 15．8\％ | 45．0\％ | 45．0\％ | 12．5\％ | 41．7\％ | 41．7\％ |
| Yellow Time（s） | 3.0 | 4.2 | 3.1 | 3.3 | 4.2 | 4.2 | 3.1 | 4.3 | 4.3 | 3.0 | 4.3 | 4.3 |
| All－Red Time（s） | 3.0 | 2.3 | 2.8 | 2.2 | 2.3 | 2.3 | 2.8 | 1.6 | 1.6 | 2.8 | 1.6 | 1.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.0 | 6.5 | 5.9 | 5.5 | 6.5 | 6.5 | 5.9 | 5.9 | 5.9 | 5.8 | 5.9 | 5.9 |
| Lead／Lag | Lead | Lag | Lead | Lead | Lag | Lag | Lead | Lag | Lag | Lead | Lag | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | None | None | C－Min | C－Min | None | C－Min | C－Min |
| Act Effct Green（s） | 24.9 | 12.0 | 27.2 | 24.7 | 16.4 | 16.4 | 72.5 | 68.0 | 68.0 | 73.8 | 63.8 | 63.8 |
| Actuated g／C Ratio | 0.21 | 0.10 | 0.23 | 0.21 | 0.14 | 0.14 | 0.60 | 0.57 | 0.57 | 0.62 | 0.53 | 0.53 |
| v／c Ratio | 0.29 | 0.56 | 0.43 | 0.41 | 0.52 | 0.18 | 0.27 | 0.26 | 0.07 | 0.12 | 0.32 | 0.10 |
| Control Delay | 36.3 | 62.2 | 9.1 | 38.7 | 56.0 | 1.2 | 14.6 | 19.9 | 1.2 | 9.6 | 17.9 | 0.9 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 36.3 | 62.2 | 9.1 | 38.7 | 56.0 | 1.2 | 14.6 | 19.9 | 1.2 | 9.6 | 17.9 | 0.9 |
| LOS | D | E | A | D | E | A | B | B | A | A | B | A |
| Approach Delay |  | 28.1 |  |  | 38.8 |  |  | 17.3 |  |  | 15.2 |  |
| Approach LOS |  | C |  |  | D |  |  | B |  |  | B |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 120
Actuated Cycle Length： 120
Offset： $0(0 \%)$ ，Referenced to phase 2：NBSB and 6：NBSB，Start of Yellow
Natural Cycle： 85
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.56
Intersection Signal Delay： 21.6 Intersection LOS：C
Intersection Capacity Utilization 50．5\％
ICU Level of Service A
Analysis Period（min） 15
Splits and Phases：2：Anthony Rd \＆Pio Nono Ave／SR 247


## LANE SUMMARY

## (7) Site: 101 [Pio Nono Ave at Mercer University Dr SR 74_2044 AM- No Bypass ]

$\qquad$
2044 AM
0.5\% Growth Rate

Roundabout
Design Life Analysis (Practical Capacity): Results for 26 years

| Lane Use and Performance |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Demand Total veh/h | lows HV $\%$ | Cap. veh/h | Deg. Satn v/c | Lane Util. \% | Average Delay sec | Level of Service | 95\% Back <br> Veh | $\begin{array}{r} \text { 2ueue } \\ \text { Dist } \\ \text { ft } \end{array}$ | Lane Config | Lane Length ft | Cap. <br> Adj. <br> \% | Prob. Block. \% |
| South: Pio Nono Ave / SR 247/US 41 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 261 | 2.0 | 654 | 0.400 | 100 | 11.1 | LOS B | 2.2 | 56.1 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 320 | 2.0 | 800 | 0.400 | 100 | 9.5 | LOS A | 2.3 | 58.8 | Full | 1600 | 0.0 | 0.0 |
| Approach | 581 | 2.0 |  | 0.400 |  | 10.2 | LOS B | 2.3 | 58.8 |  |  |  |  |
| East: Mercer University Dr/SR 74 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 371 | 2.0 | 938 | 0.395 | 100 | 8.3 | LOS A | 2.1 | 53.8 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 412 | 2.0 | 1042 | 0.395 | 100 | 7.7 | LOS A | 2.2 | 55.2 | Full | 1600 | 0.0 | 0.0 |
| Approach | 782 | 2.0 |  | 0.395 |  | 8.0 | LOS A | 2.2 | 55.2 |  |  |  |  |
| North: Pio Nono Ave /SR $247 /$ US 41 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 273 | 2.0 | 813 | 0.335 | 100 | 8.3 | LOS A | 1.6 | 41.1 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 315 | 2.0 | 940 | 0.335 | 100 | 7.4 | LOS A | 1.7 | 42.7 | Full | 1600 | 0.0 | 0.0 |
| Approach | 588 | 2.0 |  | 0.335 |  | 7.8 | LOS A | 1.7 | 42.7 |  |  |  |  |
| West: Mercer University Dr / SR 74 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 407 | 2.0 | 854 | 0.477 | 100 | 10.4 | LOS B | 3.2 | 80.0 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 465 | 2.0 | 976 | 0.477 | 100 | 9.4 | LOS A | 3.2 | 81.4 | Full | 1600 | 0.0 | 0.0 |
| Approach | 872 | 2.0 |  | 0.477 |  | 9.8 | LOS A | 3.2 | 81.4 |  |  |  |  |
| Intersection | 2824 | 2.0 |  | 0.477 |  | 9.0 | LOS A | 3.2 | 81.4 |  |  |  |  |

Site Level of Service (LOS) Method: Delay \& v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab). Roundabout LOS Method: Same as Sign Control.
Lane LOS values are based on average delay and v/c ratio (degree of saturation) per lane.
LOS F will result if $\mathrm{v} / \mathrm{c}>1$ irrespective of lane delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all lanes (v/c not used as specified in HCM 6).
Roundabout Capacity Model: SIDRA Standard.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies. Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (\%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.
d Dominant lane on roundabout approach

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Organisation: ARCADIS U.S., INC. | Processed: Monday, November 11, 2019 12:46:26 PM
Project: G:ITRFITM160002_GDOT Safetyl04 - Task Orders\TO\#1 - TE Studies\18-3024-SR 247 PioNono Ave from SR 22 to SR 74ITraffic Analysis ISIDRAIPio Nono Ave at Mercer University Dr SR 74.sip7

## LANE SUMMARY

## (7 Site: 101 [Pio Nono Ave at Mercer University Dr SR 74_2044 PM-No Bypass]

2044 PM

### 0.5 Growth Rate

Roundabout
Design Life Analysis (Practical Capacity): Results for 26 years

| Lane Use and Performance |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Demand Total veh/h | $\begin{aligned} & \text { lows } \\ & \text { HV } \\ & \% \\ & \hline \end{aligned}$ | Cap. veh/h | Deg. Satn v/c | Lane Util. \% | Average Delay sec | Level of Service | 95\% Back Veh | Queue Dist ft | Lane Config | Lane Length ft | $\begin{aligned} & \text { Cap. } \\ & \text { Adj. } \\ & \% \end{aligned}$ | Prob. Block \% |
| South: Pio Nono Ave / SR 247/US 41 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 324 | 2.0 | 772 | 0.419 | 100 | 10.1 | LOS B | 2.4 | 62.2 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 378 | 2.0 | 903 | 0.419 | 100 | 8.9 | LOS A | 2.5 | 63.6 | Full | 1600 | 0.0 | 0.0 |
| Approach | 702 | 2.0 |  | 0.419 |  | 9.5 | LOS A | 2.5 | 63.6 |  |  |  |  |
| East: Mercer University Dr/SR 74 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 522 | 2.0 | 848 | 0.615 | 100 | 13.9 | LOS B | 5.8 | 147.3 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 595 | 2.0 | 967 | 0.615 | 100 | 12.6 | LOS B | 6.0 | 153.3 | Full | 1600 | 0.0 | 0.0 |
| Approach | 1117 | 2.0 |  | 0.615 |  | 13.2 | LOS B | 6.0 | 153.3 |  |  |  |  |
| North: Pio Nono Ave /SR 247/ US 41 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 352 | 2.0 | 603 | 0.584 | 100 | 16.9 | LOS C | 4.4 | 110.9 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 435 | 2.0 | 745 | 0.584 | 100 | 14.3 | LOS B | 4.7 | 120.4 | Full | 1600 | 0.0 | 0.0 |
| Approach | 787 | 2.0 |  | 0.584 |  | 15.5 | LOS C | 4.7 | 120.4 |  |  |  |  |
| West: Mercer University Dr / SR 74 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lane 1 | 284 | 2.0 | 692 | 0.410 | 100 | 10.8 | LOS B | 2.4 | 60.1 | Full | 1600 | 0.0 | 0.0 |
| Lane $2^{\text {d }}$ | 339 | 2.0 | 827 | 0.410 | 100 | 9.4 | LOS A | 2.5 | 62.4 | Full | 1600 | 0.0 | 0.0 |
| Approach | 623 | 2.0 |  | 0.410 |  | 10.0 | LOS B | 2.5 | 62.4 |  |  |  |  |
| Intersection | 3230 | 2.0 |  | 0.615 |  | 12.3 | LOS B | 6.0 | 153.3 |  |  |  |  |

Site Level of Service (LOS) Method: Delay \& v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab). Roundabout LOS Method: Same as Sign Control.
Lane LOS values are based on average delay and v/c ratio (degree of saturation) per lane.
LOS F will result if $\mathrm{v} / \mathrm{c}>1$ irrespective of lane delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all lanes (v/c not used as specified in HCM 6).
Roundabout Capacity Model: SIDRA Standard.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies. Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (\%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.
d Dominant lane on roundabout approach

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Organisation: ARCADIS U.S., INC. | Processed: Monday, November 11, 2019 12:48:35 PM
Project: G:ITRFITM160002_GDOT Safetyl04 - Task OrdersITO\#1 - TE Studies\18-3024-SR 247 PioNono Ave from SR 22 to SR 74ITraffic Analysis ISIDRAIPio Nono Ave at Mercer University Dr SR 74.sip7

Timings
3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74

|  | $\rangle$ | $\rightarrow$ | 7 |  | 4 | 4 | $p$ |  | $\downarrow$ | $\checkmark$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | WBL | WBT | NBL | NBT | NBR | SBL | SBT | SBR |
| Lane Configurations | \％ | 个t | \％ | 中 ${ }^{\text {d }}$ | ${ }^{7}$ | 个个 | 「 | \％ | $\uparrow$ | 「 |
| Traffic Volume（vph） | 13 | 728 | 61 | 467 | 40 | 316 | 107 | 137 | 317 | 30 |
| Future Volume（vph） | 13 | 728 | 61 | 467 | 40 | 316 | 107 | 137 | 317 | 30 |
| Turn Type | Prot | NA | Prot | NA | D．P＋P | NA | Perm | D．P＋P | NA | Perm |
| Protected Phases | 3 | 8 | 7 | 4 | 1 | 6 |  | 5 | 2 |  |
| Permitted Phases |  |  |  |  | 2 |  | 6 | 6 |  | 2 |
| Detector Phase | 3 | 8 | 7 | 4 | 1 | 6 | 6 | 5 | 2 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 12.0 | 12.0 | 7.0 | 12.0 | 12.0 |
| Minimum Split（s） | 13.1 | 36.2 | 13.1 | 31.2 | 13.7 | 40.4 | 40.4 | 13.6 | 40.4 | 40.4 |
| Total Split（s） | 15.0 | 38.0 | 15.0 | 38.0 | 14.0 | 43.1 | 43.1 | 13.9 | 43.0 | 43.0 |
| Total Split（\％） | 13．6\％ | 34．5\％ | 13．6\％ | 34．5\％ | 12．7\％ | 39．2\％ | 39．2\％ | 12．6\％ | 39．1\％ | 39．1\％ |
| Yellow Time（s） | 3.1 | 4.0 | 3.1 | 4.0 | 3.1 | 3.8 | 3.8 | 3.0 | 3.8 | 3.8 |
| All－Red Time（s） | 3.0 | 2.2 | 3.0 | 2.2 | 3.6 | 2.6 | 2.6 | 3.6 | 2.6 | 2.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.1 | 6.2 | 6.1 | 6.2 | 6.7 | 6.4 | 6.4 | 6.6 | 6.4 | 6.4 |
| Lead／Lag | Lead | Lag | Lead | Lag | Lead | Lag | Lag | Lead | Lag | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | C－Min | C－Min | None | C－Min | C－Min |
| Act Efft Green（s） | 7.2 | 33.3 | 8.7 | 40.0 | 46.3 | 37.6 | 37.6 | 45.1 | 40.8 | 40.8 |
| Actuated g／C Ratio | 0.07 | 0.30 | 0.08 | 0.36 | 0.42 | 0.34 | 0.34 | 0.41 | 0.37 | 0.37 |
| v／c Ratio | 0.13 | 0.81 | 0.55 | 0.56 | 0.16 | 0.33 | 0.21 | 0.40 | 0.56 | 0.05 |
| Control Delay | 50.8 | 42.5 | 63.8 | 29.9 | 14.5 | 21.5 | 1.5 | 22.3 | 34.0 | 0.1 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 50.8 | 42.5 | 63.8 | 29.9 | 14.5 | 21.5 | 1.5 | 22.3 | 34.0 | 0.1 |
| LOS | D | D | E | C | B | C | A | C | C | A |
| Approach Delay |  | 42.6 |  | 33.1 |  | 16.3 |  |  | 28.5 |  |
| Approach LOS |  | D |  | C |  | B |  |  | C |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 110
Actuated Cycle Length： 110
Offset： 0 （0\％），Referenced to phase 2：NBSB and 6：NBSB，Start of Yellow
Natural Cycle： 105
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.81
Intersection Signal Delay：31．6 Intersection LOS：C
Intersection Capacity Utilization 75．6\％ICU Level of Service D
Analysis Period（min） 15
Splits and Phases：3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74


Timings
3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74

|  | $\rangle$ | $\rightarrow$ | 7 |  | 4 | $\dagger$ | $p$ |  | $\downarrow$ | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | WBL | WBT | NBL | NBT | NBR | SBL | SBT | SBR |
| Lane Configurations | \％ | 个t | \％ | 中1 | \％ | 个 $\uparrow$ | F | ${ }^{*}$ | $\uparrow$ | 「 |
| Traffic Volume（vph） | 34 | 476 | 113 | 727 | 63 | 391 | 99 | 145 | 458 | 38 |
| Future Volume（vph） | 34 | 476 | 113 | 727 | 63 | 391 | 99 | 145 | 458 | 38 |
| Turn Type | Prot | NA | Prot | NA | D．P＋P | NA | Perm | D．P＋P | NA | Perm |
| Protected Phases | 3 | 8 | 7 | ， | 1 | 6 |  | 5 | 2 |  |
| Permitted Phases |  |  |  |  | 2 |  | 6 | 6 |  | 2 |
| Detector Phase | 3 | 8 | 7 | 4 | 1 | 6 | 6 | 5 | 2 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 7.0 | 5.0 | 7.0 | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 | 12.0 |
| Minimum Split（s） | 11.1 | 36.2 | 11.1 | 31.2 | 11.7 | 40.4 | 40.4 | 11.6 | 40.4 | 40.4 |
| Total Split（s） | 15.0 | 41.0 | 20.0 | 46.0 | 15.0 | 42.0 | 42.0 | 17.0 | 44.0 | 44.0 |
| Total Split（\％） | 12．5\％ | 34．2\％ | 16．7\％ | 38．3\％ | 12．5\％ | 35．0\％ | 35．0\％ | 14．2\％ | 36．7\％ | 36．7\％ |
| Yellow Time（s） | 3.1 | 4.0 | 3.1 | 4.0 | 3.1 | 3.8 | 3.8 | 3.0 | 3.8 | 3.8 |
| All－Red Time（s） | 3.0 | 2.2 | 3.0 | 2.2 | 3.6 | 2.6 | 2.6 | 3.6 | 2.6 | 2.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.1 | 6.2 | 6.1 | 6.2 | 6.7 | 6.4 | 6.4 | 6.6 | 6.4 | 6.4 |
| Lead／Lag | Lead | Lag | Lead | Lag | Lead | Lag | Lag | Lead | Lag | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | C－Max | C－Max | None | C－Max | C－Max |
| Act Efft Green（s） | 7.6 | 31.1 | 12.6 | 41.0 | 51.9 | 41.2 | 41.2 | 50.8 | 45.8 | 45.8 |
| Actuated g／C Ratio | 0.06 | 0.26 | 0.10 | 0.34 | 0.43 | 0.34 | 0.34 | 0.42 | 0.38 | 0.38 |
| v／c Ratio | 0.35 | 0.65 | 0.72 | 0.83 | 0.40 | 0.41 | 0.20 | 0.47 | 0.80 | 0.07 |
| Control Delay | 61.9 | 42.2 | 73.4 | 43.1 | 30.8 | 31.8 | 5.8 | 24.7 | 45.9 | 0.2 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 61.9 | 42.2 | 73.4 | 43.1 | 30.8 | 31.8 | 5.8 | 24.7 | 45.9 | 0.2 |
| LOS | E | D | E | D | C | C | A | C | D | A |
| Approach Delay |  | 43.4 |  | 46.7 |  | 27.1 |  |  | 38.4 |  |
| Approach LOS |  | D |  | D |  | C |  |  | D |  |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 120
Actuated Cycle Length： 120
Offset： $110(92 \%)$ ，Referenced to phase 2：NBSB and 6：NBSB，Start of Yellow
Natural Cycle： 100
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.83
Intersection Signal Delay： $39.8 \quad$ Intersection LOS：D
Intersection Capacity Utilization 83．9\％ICU Level of Service E
Analysis Period（min） 15
Splits and Phases：3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74


Timings
3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74

|  | $\rangle$ | $\rightarrow$ | 7 |  | 4 | 4 | $p$ |  | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | WBL | WBT | NBL | NBT | NBR | SBL | SBT |
| Lane Configurations | ${ }^{7}$ | 中 ${ }^{\text {a }}$ | \％ | 中 ${ }^{\text {P }}$ | ${ }^{7}$ | 个4 | F | ${ }^{7}$ | 中t |
| Traffic Volume（vph） | 13 | 728 | 61 | 467 | 40 | 316 | 107 | 137 | 317 |
| Future Volume（vph） | 13 | 728 | 61 | 467 | 40 | 316 | 107 | 137 | 317 |
| Turn Type | Prot | NA | Prot | NA | pm＋pt | NA | Perm | pm＋pt | NA |
| Protected Phases | 3 | 8 | 7 | 4 | 1 | 6 |  | 5 | 2 |
| Permitted Phases |  |  |  |  | 6 |  | 6 | 2 |  |
| Detector Phase | 3 | 8 | 7 | 4 | 1 | 6 | 6 | 5 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 7.0 | 5.0 | 7.0 | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 |
| Minimum Split（s） | 11.1 | 36.2 | 11.1 | 31.2 | 11.7 | 40.4 | 40.4 | 11.6 | 40.4 |
| Total Split（s） | 11.2 | 43.0 | 17.0 | 48.8 | 12.0 | 44.0 | 44.0 | 16.0 | 48.0 |
| Total Split（\％） | 9．3\％ | 35．8\％ | 14．2\％ | 40．7\％ | 10．0\％ | 36．7\％ | 36．7\％ | 13．3\％ | 40．0\％ |
| Yellow Time（s） | 3.1 | 4.0 | 3.1 | 4.0 | 3.1 | 3.8 | 3.8 | 3.0 | 3.8 |
| All－Red Time（s） | 3.0 | 2.2 | 3.0 | 2.2 | 3.6 | 2.6 | 2.6 | 3.6 | 2.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.1 | 6.2 | 6.1 | 6.2 | 6.7 | 6.4 | 6.4 | 6.6 | 6.4 |
| Lead／Lag | Lead | Lag | Lead | Lag | Lead | Lag | Lag | Lead | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | C－Min | C－Min | None | C－Min |
| Act Effct Green（s） | 6.6 | 36.9 | 10.3 | 45.4 | 46.0 | 39.7 | 39.7 | 54.3 | 45.6 |
| Actuated g／C Ratio | 0.06 | 0.31 | 0.09 | 0.38 | 0.38 | 0.33 | 0.33 | 0.45 | 0.38 |
| v／c Ratio | 0.15 | 0.80 | 0.50 | 0.54 | 0.13 | 0.34 | 0.22 | 0.40 | 0.32 |
| Control Delay | 57.1 | 44.2 | 63.0 | 29.8 | 9.7 | 14.9 | 1.4 | 24.1 | 29.3 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 57.1 | 44.2 | 63.0 | 29.8 | 9.7 | 14.9 | 1.4 | 24.1 | 29.3 |
| LOS | E | D | E | C | A | B | A | C | C |
| Approach Delay |  | 44.4 |  | 33.0 |  | 11.3 |  |  | 27.8 |
| Approach LOS |  | D |  | C |  | B |  |  | C |
| Intersection Summary |  |  |  |  |  |  |  |  |  |

Cycle Length： 120
Actuated Cycle Length： 120
Offset： $52(43 \%)$ ，Referenced to phase 2：SBTL and 6：NBTL，Start of Yellow
Natural Cycle： 100
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.80
Intersection Signal Delay： 31.0 Intersection LOS：C
Intersection Capacity Utilization 67．7\％ICU Level of Service C
Analysis Period（min） 15
Splits and Phases：3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74


Timings
3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74

|  | $\rangle$ | $\rightarrow$ | 7 |  | 4 | 4 | $>$ |  | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | WBL | WBT | NBL | NBT | NBR | SBL | SBT |
| Lane Configurations | \％ | 性 | \％ | 中2 | 7 | 个4 | 「 | ${ }^{7}$ | 中 ${ }^{\text {d }}$ |
| Traffic Volume（vph） | 34 | 476 | 113 | 727 | 63 | 391 | 99 | 145 | 458 |
| Future Volume（vph） | 34 | 476 | 113 | 727 | 63 | 391 | 99 | 145 | 458 |
| Turn Type | Prot | NA | Prot | NA | pm＋pt | NA | Perm | pm＋pt | NA |
| Protected Phases | 3 | 8 | 7 | 4 | 1 | 6 |  | 5 | 2 |
| Permitted Phases |  |  |  |  | 6 |  | 6 | 2 |  |
| Detector Phase | 3 | 8 | 7 | 4 | 1 | 6 | 6 | 5 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 7.0 | 5.0 | 7.0 | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 |
| Minimum Split（s） | 11.1 | 36.2 | 11.1 | 31.2 | 11.7 | 40.4 | 40.4 | 11.6 | 40.4 |
| Total Split（s） | 13.0 | 42.0 | 21.0 | 50.0 | 14.0 | 43.0 | 43.0 | 14.0 | 43.0 |
| Total Split（\％） | 10．8\％ | 35．0\％ | 17．5\％ | 41．7\％ | 11．7\％ | 35．8\％ | 35．8\％ | 11．7\％ | 35．8\％ |
| Yellow Time（s） | 3.1 | 4.0 | 3.1 | 4.0 | 3.1 | 3.8 | 3.8 | 3.0 | 3.8 |
| All－Red Time（s） | 3.0 | 2.2 | 3.0 | 2.2 | 3.6 | 2.6 | 2.6 | 3.6 | 2.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.1 | 6.2 | 6.1 | 6.2 | 6.7 | 6.4 | 6.4 | 6.6 | 6.4 |
| Lead／Lag | Lead | Lag | Lead | Lag | Lead | Lag | Lag | Lead | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | C－Min | C－Min | None | C－Min |
| Act Effct Green（s） | 6.8 | 31.7 | 13.0 | 42.9 | 48.4 | 41.3 | 41.3 | 51.9 | 45.0 |
| Actuated g／C Ratio | 0.06 | 0.26 | 0.11 | 0.36 | 0.40 | 0.34 | 0.34 | 0.43 | 0.38 |
| v／c Ratio | 0.39 | 0.63 | 0.70 | 0.79 | 0.26 | 0.41 | 0.19 | 0.49 | 0.47 |
| Control Delay | 66.0 | 41.2 | 70.6 | 39.5 | 17.1 | 29.3 | 6.6 | 27.7 | 32.0 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 66.0 | 41.2 | 70.6 | 39.5 | 17.1 | 29.3 | 6.6 | 27.7 | 32.0 |
| LOS | E | D | E | D | B | C | A | C | C |
| Approach Delay |  | 42.8 |  | 43.2 |  | 23.9 |  |  | 31.0 |
| Approach LOS |  | D |  | D |  | C |  |  | C |
| Intersection Summary |  |  |  |  |  |  |  |  |  |

Cycle Length： 120
Actuated Cycle Length： 120
Offset： $0(0 \%)$ ，Referenced to phase 2：SBTL and 6：NBTL，Start of Yellow
Natural Cycle： 100
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.79
Intersection Signal Delay： $35.9 \quad$ Intersection LOS：D
Intersection Capacity Utilization 73．6\％ICU Level of Service D
Analysis Period（min） 15
Splits and Phases：3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74


Timings
3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74

|  | 4 |  | 7 |  |  | 4 | $\uparrow$ | 7 |  | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT |
| Lane Configurations | \％ | 性 | \％ | 个4 | F | ${ }^{7}$ | 个4 | 「 | \％ | 中 ${ }^{\text {P }}$ |
| Traffic Volume（vph） | 13 | 728 | 61 | 467 | 109 | 40 | 316 | 107 | 137 | 317 |
| Future Volume（vph） | 13 | 728 | 61 | 467 | 109 | 40 | 316 | 107 | 137 | 317 |
| Turn Type | Prot | NA | Prot | NA | Perm | D．P＋P | NA | Perm | D．P＋P | NA |
| Protected Phases | 3 | 8 | 7 | 4 |  | 1 | 6 |  | 5 | 2 |
| Permitted Phases |  |  |  |  | 4 | 2 |  | 6 | 6 |  |
| Detector Phase | 3 | 8 | 7 | 4 | 4 | 1 | 6 | 6 | 5 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 12.0 | 12.0 | 7.0 | 12.0 |
| Minimum Split（s） | 13.1 | 36.2 | 13.1 | 31.2 | 31.2 | 13.7 | 40.4 | 40.4 | 13.6 | 40.4 |
| Total Split（s） | 14.0 | 39.0 | 14.0 | 39.0 | 39.0 | 14.0 | 43.0 | 43.0 | 14.0 | 43.0 |
| Total Split（\％） | 12．7\％ | 35．5\％ | 12．7\％ | 35．5\％ | 35．5\％ | 12．7\％ | 39．1\％ | 39．1\％ | 12．7\％ | 39．1\％ |
| Yellow Time（s） | 3.1 | 4.0 | 3.1 | 4.0 | 4.0 | 3.1 | 3.8 | 3.8 | 3.0 | 3.8 |
| All－Red Time（s） | 3.0 | 2.2 | 3.0 | 2.2 | 2.2 | 3.6 | 2.6 | 2.6 | 3.6 | 2.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.1 | 6.2 | 6.1 | 6.2 | 6.2 | 6.7 | 6.4 | 6.4 | 6.6 | 6.4 |
| Lead／Lag | Lead | Lag | Lead | Lag | Lag | Lead | Lag | Lag | Lead | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | None | C－Min | C－Min | None | C－Min |
| Act Effct Green（s） | 7.2 | 35.4 | 9.8 | 43.2 | 43.2 | 43.0 | 33.6 | 33.6 | 41.9 | 37.5 |
| Actuated g／C Ratio | 0.07 | 0.32 | 0.09 | 0.39 | 0.39 | 0.39 | 0.31 | 0.31 | 0.38 | 0.34 |
| $\mathrm{v} / \mathrm{c}$ Ratio | 0.13 | 0.76 | 0.48 | 0.42 | 0.19 | 0.13 | 0.37 | 0.23 | 0.43 | 0.36 |
| Control Delay | 50.9 | 38.6 | 57.9 | 25.8 | 3.1 | 19.1 | 30.9 | 6.1 | 25.8 | 30.3 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 50.9 | 38.6 | 57.9 | 25.8 | 3.1 | 19.1 | 30.9 | 6.1 | 25.8 | 30.3 |
| LOS | D | D | E | C | A | B | C | A | C | C |
| Approach Delay |  | 38.8 |  | 25.0 |  |  | 24.1 |  |  | 29.0 |
| Approach LOS |  | D |  | C |  |  | C |  |  | C |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 110
Actuated Cycle Length： 110
Offset： 0 （0\％），Referenced to phase 2：NBSB and 6：NBSB，Start of Yellow
Natural Cycle： 105
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.76
Intersection Signal Delay： 29.9 Intersection LOS：C
Intersection Capacity Utilization 69．3\％ICU Level of Service C
Analysis Period（min） 15
Splits and Phases：3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74


Timings
3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74

|  | $\rangle$ |  | 7 |  |  | 4 | 4 |  |  | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Group | EBL | EBT | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT |
| Lane Configurations | \％ | 中 ${ }^{\text {d }}$ | \％ | 个4 | F | ${ }^{7}$ | 个4 | F | \％ | 中 ${ }^{\text {a }}$ |
| Traffic Volume（vph） | 34 | 476 | 113 | 727 | 109 | 63 | 391 | 99 | 145 | 458 |
| Future Volume（vph） | 34 | 476 | 113 | 727 | 109 | 63 | 391 | 99 | 145 | 458 |
| Turn Type | Prot | NA | Prot | NA | Perm | D．P＋P | NA | Perm | D．P＋P | NA |
| Protected Phases | 3 | 8 | 7 | 4 |  | 1 | 6 |  | 5 | 2 |
| Permitted Phases |  |  |  |  | 4 | 2 |  | 6 | 6 |  |
| Detector Phase | 3 | 8 | 7 | 4 | 4 | 1 | 6 | 6 | 5 | 2 |
| Switch Phase |  |  |  |  |  |  |  |  |  |  |
| Minimum Initial（s） | 5.0 | 7.0 | 5.0 | 7.0 | 7.0 | 5.0 | 12.0 | 12.0 | 5.0 | 12.0 |
| Minimum Split（s） | 11.1 | 36.2 | 11.1 | 31.2 | 31.2 | 11.7 | 40.4 | 40.4 | 11.6 | 40.4 |
| Total Split（s） | 11.2 | 36.2 | 11.1 | 36.1 | 36.1 | 11.7 | 41.1 | 41.1 | 11.6 | 41.0 |
| Total Split（\％） | 11．2\％ | 36．2\％ | 11．1\％ | 36．1\％ | 36．1\％ | 11．7\％ | 41．1\％ | 41．1\％ | 11．6\％ | 41．0\％ |
| Yellow Time（s） | 3.1 | 4.0 | 3.1 | 4.0 | 4.0 | 3.1 | 3.8 | 3.8 | 3.0 | 3.8 |
| All－Red Time（s） | 3.0 | 2.2 | 3.0 | 2.2 | 2.2 | 3.6 | 2.6 | 2.6 | 3.6 | 2.6 |
| Lost Time Adjust（s） | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Lost Time（s） | 6.1 | 6.2 | 6.1 | 6.2 | 6.2 | 6.7 | 6.4 | 6.4 | 6.6 | 6.4 |
| Lead／Lag | Lead | Lag | Lead | Lag | Lag | Lead | Lag | Lag | Lead | Lag |
| Lead－Lag Optimize？ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recall Mode | None | None | None | None | None | None | C－Min | C－Min | None | C－Min |
| Act Effct Green（s） | 6.2 | 26.8 | 10.6 | 36.1 | 36.1 | 38.2 | 30.8 | 30.8 | 37.1 | 34.1 |
| Actuated g／C Ratio | 0.06 | 0.27 | 0.11 | 0.36 | 0.36 | 0.38 | 0.31 | 0.31 | 0.37 | 0.34 |
| $\mathrm{V} / \mathrm{c}$ Ratio | 0.36 | 0.62 | 0.72 | 0.68 | 0.19 | 0.29 | 0.46 | 0.21 | 0.55 | 0.51 |
| Control Delay | 54.7 | 34.4 | 69.4 | 31.9 | 2.2 | 19.3 | 29.0 | 2.2 | 27.1 | 28.1 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 54.7 | 34.4 | 69.4 | 31.9 | 2.2 | 19.3 | 29.0 | 2.2 | 27.1 | 28.1 |
| LOS | D | C | E | C | A | B | C | A | C | C |
| Approach Delay |  | 35.6 |  | 32.9 |  |  | 23.1 |  |  | 27.9 |
| Approach LOS |  | D |  | C |  |  | C |  |  | C |
| Intersection Summary |  |  |  |  |  |  |  |  |  |  |

Cycle Length： 100
Actuated Cycle Length： 100
Offset： 0 （0\％），Referenced to phase 2：NBSB and 6：NBSB，Start of Yellow
Natural Cycle： 100
Control Type：Actuated－Coordinated
Maximum v／c Ratio： 0.72
Intersection Signal Delay： 30.1 Intersection LOS：C
Intersection Capacity Utilization 69．6\％
ICU Level of Service C
Analysis Period（min） 15
Splits and Phases：3：Pio Nono Ave／SR 247 \＆Mercer University Dr／SR 74


## ARTPLAN 2009 Conceptual Planning Analysis

## Project Information



## Arterial Data

| K | 0.09 | PHF | 0.92 | Control Type | Semiactuated |
| :---: | :---: | :---: | :---: | :---: | :---: |
| D | 0.55 | \% Heavy Vehicles | 3 | Base Sat. Flow Rate | 1950 |

## Automobile Intersection and Segment Data

| $\underset{\#}{\text { Segment }}$ | Cycle Length | $\left\lvert\, \begin{aligned} & \text { Thru } \\ & \mathbf{g} / \mathrm{C} \end{aligned}\right.$ | Arr. <br> Type |  | $\left\lvert\, \begin{gathered} \text { \% } \\ \text { Left } \\ \text { Turns } \end{gathered}\right.$ | $\left\lvert\, \begin{gathered} \text { \% } \\ \text { Right } \\ \text { Turns } \end{gathered}\right.$ | $\begin{array}{\|\|c\|\|} \hline \text { Left } \\ \text { Turn } \\ \text { Lanes } \end{array}$ | $\begin{array}{\|c\|} \hline \text { \# } \\ \text { Left } \\ \text { Turn } \\ \text { Lanes } \\ \hline \end{array}$ | LT Storage Length | $\left\lvert\, \begin{aligned} & \text { Left } \\ & \text { g/C } \end{aligned}\right.$ | $\begin{array}{\|l\|\|} \hline \text { Right } \\ \text { Turn } \\ \text { Lanes } \end{array}$ | Length | AADT | Hourly Vol. |  | FFS | Median Type |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|l} \hline \mathbf{1} \text { (to SR } \\ 74) \end{array}$ | 120 | 0.44 | 4 | 2 | 12 | 12 | Yes | 1 | 235 | 0.15 | No | 1900 | 12000 | 594 | 2 | 40 | NonRestrictive |

## Automobile LOS

| Segment \# |  | Thru Mvmt Flow Rate | Adj. Sat. Flow Rate |  | v/c | Control Delay |  | Int. Approach LOS |  |  | Queue Ratio |  | $\begin{aligned} & \hline \text { Speed } \\ & \text { (mph) } \\ & \hline \end{aligned}$ | $\begin{gathered} \hline \text { Segment } \\ \text { LOS } \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 (to SR 74) |  | 568 |  | 228 | 0.40 |  | 17 |  |  | C |  | 0.26 | 23.69 |  |  | C |
| Arterial Length | 0.3598 | Weighted g/C | 0.44 | FFS Delay |  | 22.31 | Threshold Delay |  | 0.00 | Auto Speed |  | 23.69 | Auto LOS |  | C |  |

## ARTPLAN 2009 Conceptual Planning Analysis

## Project Information

| Analyst | JG | Arterial Name | SR 247 | Study Period | K100 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Date Prepared | 12/18/2019 12:22:06 PM | From | Anthony Road | Modal Analysis | Auto Only |
| Agency | GDOT D3 | To | SR 74 | Program | ARTPLAN 2009 |
| Area Type | Other Urbanized | Peak Direction | Northbound | Version Date | 12/12/10 |
| Arterial Class | 2 |  |  |  |  |
| File Name | C:\Users\jcgonzalez\AppData\Local\Temp\preview.xml |  |  |  |  |
| User Notes | PM Peak |  |  |  |  |

Arterial Data

| K | 0.09 | PHF | 0.92 | Control Type |
| :--- | ---: | :--- | :--- | :--- |
| $\mathbf{D}$ | 0.55 | $\%$ Heavy Vehicles | 3 | Sase Sat. Flow Rate |

## Automobile Intersection and Segment Data

| $\underset{\#}{\text { Segment }}$ | Cycle Length | $\\| \begin{aligned} & \text { Thru } \\ & \mathrm{g} / \mathrm{C} \end{aligned}$ | Arr. Type |  | $\left\lvert\, \begin{gathered} \text { \% } \\ \text { Left } \\ \text { Turns } \end{gathered}\right.$ | $\left\|\begin{array}{c} \text { \% } \\ \text { Right } \\ \text { Turns } \end{array}\right\|$ | Left Turn Lanes | \# Left Turn Lanes | LT Storage Length | $\left\lvert\, \begin{aligned} & \text { Left } \\ & \mathrm{g} / \mathrm{C} \end{aligned}\right.$ | Right Turn Lanes | Length | AADT | Hourly Vol. |  | FFS | Median Type |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|l} \hline 1 \text { (to SR } \\ 74) \end{array}$ | 100 | 0.31 | 4 | 2 | 11 | 18 | Yes | 1 | 75 | 0.10 | No | 1900 | 14500 | 718 | 2 | 40 | $\begin{array}{r} \text { Non- } \\ \text { Restrictive } \end{array}$ |

Automobile LOS

| Segment \# |  | Thru Mvmt Flow Rate | Adj. Sat. Flow Rate |  | v/c | Control Delay |  | Int. Approach LOS |  |  | Queue Ratio |  | Speed (mph) | $\begin{aligned} & \text { Segment } \\ & \text { LOS } \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 (to SR 74) |  | 695 | 3216 |  | 0.69 | 32.36 |  | C |  |  | 0.82 |  | 19.26 | D |  |  |
| Arterial Length | 0.3598 | Weighted g/C | 0.31 | FFS | elay | 34.86 |  | shold lay | 0.00 |  | Speed | 19.26 | Auto LO |  | D |  |

## Appendix H: Summary of Right-of-way and Construction Costs Estimates

SR 247/PIO NONO AVENUE AT ANTHONY ROAD
CONSTRUCTION COST ESTIMATE - NOVEMBER 2019

| LINE ITEM | PAY ITEM | DESCRIPTION | UNIT | QUANTITY | PRICE |  | AMOUNT |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 | 150-1000 | TRAFFIC CONTROL - | LS | 1 | \$ | 150,000.00 | \$ | 150,000.00 |
| 10 | 150-5010 | TRAFFIC CONTROL, PORTABLE IMPACT ATTENUATOR | EA | 2 | \$ | 8,014.30 | \$ | 16,028.61 |
| 15 | 210-0100 | GRADING COMPLETE - | LS | 1 | \$ | 300,000.00 | \$ | 300,000.00 |
| 20 | 310-1101 | GR AGGR BASE CRS, INCL MATL | TN | 4280 | \$ | 30.49 | \$ | 130,513.67 |
| 25 | 318-3000 | AGGR SURF CRS | TN | 150 | \$ | 31.05 | \$ | 4,657.69 |
| 30 | 402-3121 | RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL \& H LIME | TN | 245 | \$ | 85.42 | \$ | 20,927.69 |
| 35 | 402-3190 | RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2,INCL BITUM MATL \& H LIME | TN | 510 | \$ | 92.30 | \$ | 47,072.92 |
| 40 | 402-4510 | RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL | TN | 95 | \$ | 88.71 | \$ | 8,427.41 |
| 45 | 413-0750 | TACK COAT | GL | 370 | \$ | 2.60 | \$ | 962.81 |
| 55 | 432-0212 | MILL ASPH CONC PVMT, 3 IN DEPTH | SY | 5000 | \$ | 6.70 | \$ | 33,500.00 |
| 60 | 439-0022 | PLAIN PC CONC PVMT, CL 3 CONC, 10 INCH THK | SY | 400 | \$ | 94.13 | \$ | 37,650.22 |
| 70 | 441-0104 | CONC SIDEWALK, 4 IN | SY | 378 | \$ | 63.77 | \$ | 24,090.45 |
| 80 | 441-0748 | CONCRETE MEDIAN, 6 IN | SY | 920 | \$ | 66.96 | \$ | 61,606.76 |
| 95 | 441-5008 | CONCRETE HEADER CURB, 6 IN, TP 7 | LF | 2210 | \$ | 17.28 | \$ | 38,183.27 |
| 100 | 441-5025 | CONCRETE HEADER CURB, 4 IN, TP 9 | LF | 380 | \$ | 17.11 | \$ | 6,502.26 |
| 105 | 441-6222 | CONC CURB \& GUTTER, $8 \mathrm{IN} \times 30 \mathrm{IN}, \mathrm{TP} 2$ | LF | 1760 | \$ | 31.00 | \$ | 54,568.12 |
| 120 | 441-7012 | CURB CUT WHEELCHAIR RAMP, TYPE B | EA | 7 | \$ | 2,766.29 | \$ | 19,364.02 |
| 130 | 441-7014 | CURB CUT WHEELCHAIR RAMP, TYPE D | EA | 1 | \$ | 2,183.60 | \$ | 2,183.60 |
| 135 | 446-1100 | PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH | LF | 475 | \$ | 5.97 | \$ | 2,834.97 |
| 190 | 632-0003 | CHANGEABLE MESSAGE SIGN, PORTABLE, TYPE 3 | EA | 2 | \$ | 7,139.79 | \$ | 14,279.58 |
| 195 | 634-1200 | RIGHT OF WAY MARKERS | EA | 12 | \$ | 130.10 | \$ | 1,561.19 |
| 255 | 550-1180 | STORM DRAIN PIPE, 18 IN , H 1-10 | LF | 700 | \$ | 52.91 | \$ | 37,035.14 |
| 260 | 550-1240 | STORM DRAIN PIPE, $24 \mathrm{IN}, \mathrm{H}$ 1-10 | LF | 200 | \$ | 60.11 | \$ | 12,022.53 |
| 265 | 550-2180 | SIDE DRAIN PIPE, 18 IN, H 1-10 | LF | 100 | \$ | 36.11 | \$ | 3,611.34 |
| 270 | 550-2240 | SIDE DRAIN PIPE, $24 \mathrm{IN}, \mathrm{H}$ 1-10 | LF | 50 | \$ | 43.77 | \$ | 2,188.30 |
| 295 | 668-1100 | CATCH BASIN, GP 1 | EA | 4 | \$ | 2,709.73 | \$ | 10,838.94 |
| 300 | 668-2100 | DROP INLET, GP 1 | EA | 4 | \$ | 2,508.99 | \$ | 10,035.97 |
| 310 | 163-0240 | MULCH | TN | 10 | \$ | 303.10 | \$ | 3,031.05 |
| 315 | 163-0300 | CONSTRUCTION EXIT | EA | 2 | \$ | 1,612.65 | \$ | 3,225.30 |
| 320 | 163-0503 | CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3 | EA | 2 | \$ | 491.01 | \$ | 982.01 |
| 330 | 163-0528 | CONSTRUCT AND REMOVE FABRIC CHECK DAM - TYPE C SILT FENCE | LF | 750 | \$ | 10.52 | \$ | 7,892.00 |
| 335 | 163-0529 | CONSTRUCT AND REMOVE TEMPORARY SEDIMENT BARRIER OR BALED STRAW CHECK DAM | LF | 500 | \$ | 5.85 | \$ | 2,926.72 |
| 340 | 163-0550 | CONSTRUCT AND REMOVE INLET SEDIMENT TRAP | EA | 10 | \$ | 211.87 | \$ | 2,118.69 |
| 345 | 165-0041 | MAINTENANCE OF CHECK DAMS - ALL TYPES | LF | 500 | \$ | 7.34 | \$ | 3,667.63 |
| 350 | 165-0071 | MAINTENANCE OF SEDIMENT BARRIER - BALED STRAW | LF | 500 | \$ | 2.76 | \$ | 1,381.36 |
| 355 | 165-0087 | MAINTENANCE OF SILT CONTROL GATE, TP 3 | EA | 2 | \$ | 132.31 | \$ | 264.63 |
| 360 | 165-0101 | MAINTENANCE OF CONSTRUCTION EXIT | EA | 2 | \$ | 613.36 | \$ | 1,226.72 |
| 365 | 165-0105 | MAINTENANCE OF INLET SEDIMENT TRAP | EA | 8 | \$ | 79.60 | \$ | 636.77 |
| 370 | 167-1000 | WATER QUALITY MONITORING AND SAMPLING | EA | 8 | \$ | 337.55 | \$ | 2,700.42 |
| 375 | 167-1500 | WATER QUALITY INSPECTIONS | MO | 8 | \$ | 1,057.33 | \$ | 8,458.60 |
| 380 | 171-0030 | TEMPORARY SILT FENCE, TYPE C | LF | 400 | \$ | 3.66 | \$ | 1,462.59 |
| 400 | 700-6910 | PERMANENT GRASSING | AC | 2 | \$ | 1,240.82 | \$ | 2,481.63 |
| 405 | 700-7000 | AGRICULTURAL LIME | TN | 3 | \$ | 129.92 | \$ | 389.75 |
| 410 | 700-8000 | FERTILIZER MIXED GRADE | TN | 1 | \$ | 829.36 | \$ | 829.36 |
| 415 | 700-8100 | FERTILIZER NITROGEN CONTENT | LB | 100 | \$ | 4.92 | \$ | 492.09 |
| 425 | 500-3101 | CLASS A CONCRETE | CY | 47 | \$ | 1,125.18 | \$ | 52,883.25 |
| 430 | 511-1000 | BAR REINF STEEL | LB | 3600 | \$ | 1.24 | \$ | 4,454.19 |
| 435 | 647-2120 | PULL BOX, PB-2 | EA | 10 | \$ | 495.65 | \$ | 4,956.53 |
| 440 | 681-4220 | LIGHTING STD, 40 FT MH, POST TOP | EA | 10 | \$ | 3,625.33 | \$ | 36,253.30 |
| 445 | 681-6470 | LUMINAIRE, TP 4, 275 W, LED | EA | 10 | \$ | 932.65 | \$ | 9,326.50 |
| 450 | 682-1406 | CABLE, TP XHHW, AWG NO 6 | LF | 1250 | \$ | 1.58 | \$ | 1,970.54 |
| 460 | 682-6233 | CONDUIT, NONMETL, TP 3, 2 IN | LF | 1200 | \$ | 6.26 | \$ | 7,509.84 |
| 465 | 682-9000 | MAIN SERVICE PICK UP POINT | LS | 1 | \$ | 7,500.00 | \$ | 7,500.00 |
| 470 | 682-9010 | SVC POLE RISER | EA | 10 | \$ | 2,335.45 | \$ | 23,354.48 |
| 475 | 682-9950 | DIRECTIONAL BORE - | LF | 500 | \$ | 15.72 | \$ | 7,860.41 |
| 480 | 700-9300 | SOD | SY | 340 | \$ | 8.26 | \$ | 2,808.53 |
| 485 | 702-0212 | CRATAEGUS VIRIDIS - | EA | 3 | \$ | 631.89 | \$ | 1,895.67 |
| 490 | 702-0470 | ILEX VOMITORIA NANA - | EA | 90 | \$ | 53.62 | \$ | 4,825.51 |
| 495 | 702-9005 | SPRING APPLICATION FERTILIZER | LB | 150 | \$ | 11.59 | \$ | 1,739.22 |
| 500 | 702-9025 | LANDSCAPE MULCH | SY | 335 | \$ | 9.99 | \$ | 3,346.81 |
| 515 | 636-2070 | GALV STEEL POSTS, TP 7 | LF | 260 | \$ | 8.46 | \$ | 2,200.10 |
| 530 | 653-0120 | THERMOPLASTIC PVMT MARKING, ARROW, TP 2 | EA | 4 | \$ | 90.51 | \$ | 362.04 |
| 535 | 653-0130 | THERMOPLASTIC PVMT MARKING, ARROW, TP 3 | EA | 4 | \$ | 143.44 | \$ | 573.77 |
| 595 | 653-0296 | THERMOPLASTIC PVMT MARKING, WORD, TP 15 | EA | 8 | \$ | 211.19 | \$ | 1,689.51 |
| 600 | 653-1501 | THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE | LF | 2750 | \$ | 1.04 | \$ | 2,852.45 |
| 605 | 653-1502 | THERMOPLASTIC SOLID TRAF STRIPE, 5 IN , YELLOW | LF | 3000 | \$ | 0.99 | \$ | 2,965.03 |
| 615 | 653-1804 | THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE | LF | 750 | \$ | 2.42 | \$ | 1,815.55 |
| 640 | 653-4830 | THERMOPLASTIC SKIP TRAF STRIPE, 18 IN, WHITE | GLF | 200 | \$ | 4.95 | \$ | 989.91 |
| 645 | 653-6004 | THERMOPLASTIC TRAF STRIPING, WHITE | SY | 20 | \$ | 4.73 | \$ | 94.52 |
| 650 | 653-6006 | THERMOPLASTIC TRAF STRIPING, YELLOW | SY | 400 | \$ | 4.61 | \$ | 1,843.87 |
| 655 | 654-1001 | RAISED PVMT MARKERS TP 1 | EA | 30 | \$ | 5.08 | \$ | 152.33 |



Cost Estimation Supervisor :
Print Name
Signature
NOTE: Superviser is only attesting that the estimate was completed using the correct information provided for the the project. The Supervisor is not attesting to property values or the accuracy of the market value estimations provided in this report. No Market Appreciation is included in this Preliminary Cost Estimate.

Comments: One of the parcels appears to have been used as a gas station in the past and shows signs of still having gas tanks in place. This estimate assumes that $\mathbf{2}$ tanks will need to be removed.

## Appendix I: Safety Benefit-Cost Analysis





## Safety Benefits

SR 247 at Anthony Rd (Signal Visibility Improvements and Install FYAs on all approaches)

| Type of Safety Counter-measure | Ek | R | r | Rp | rp |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1.Signal, Signing and visibility <br> improvements | 0.087 | 0.17 | 0.83 | 0.07 | 0.93 |
| 2. Change from 5-section <br> portected/permissive left turn to FYA <br> protected/permissive left turn |  |  |  |  |  |


| Description | Symbol | Value |
| :---: | :---: | :---: |
| Reduction Factor (F, I) | R | 0.17 |
| Reduction Factor (PDO) | Rp | 0.07 |
| Capital Recovery Factor | Ek | 0.087 |
| Initial Improvement Cost | Ci | $\$ 250,000$ |


| Accident Data | Symbol | Value |
| :---: | :---: | :---: |
| PDO | P | 10.0 |
| Fatalities | F | 0.0 |
| Injuries | I | 7.2 |

Weighted cost of fatal and injury collisions

$$
Q=\$ \quad 955,500
$$

| Annual Benefit: | $\$ 1,214,477$ |
| :--- | :--- | ---: |
| Annual Cost: | $\$ 14,750$ |

Annual B/C Ratio: 29.09

## Design Life Benefit

$B=\$ 4,979,596$

Design Life Cost
$C=\$ \quad 171,183$

Design Life Benefit/Cost Ratio






| Safety Benefits <br> SR 247 from Anthony Rd to SR 74: Road Diet and Resurfacing |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type of Safety Countermeasure | Ek | R | $r$ |  | Rp | rp |
| Convert four-lane roadway to three-lane roadway with center turn lane (Road Diet) | 0.087 | 0.19 | 0.81 |  | 0.19 | 0.81 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | tion | Symbol |  | Value |  |
|  | Reduction Factor (F, I) |  | R |  | 0.188 |  |
|  | Reduction Factor (PDO) |  | Rp |  | 0.188 |  |
|  | Capital Recovery Factor |  | Ek |  | 0.087 |  |
|  | Initial Improvement Cost |  | Ci | \$ | 525,000 |  |
|  | Accident Data |  | Symbol |  | Value |  |
|  | PDO |  | P |  | 8.2 |  |
|  | Fatalities |  | F |  | 0.0 |  |
|  | Injuries |  | 1 |  | 5.2 |  |
|  | Weighted cost of fatal and injury collisions |  |  |  |  |  |
|  | $Q=\$$ |  | 955,500 |  |  |  |
|  | Annual Benefit: |  | 976,1 |  |  |  |
|  | Annual Cost: |  | 65,67 |  |  |  |
|  | Annual B/C Ratio: |  | 14 |  |  |  |
|  | Design Life Benefit |  |  |  |  |  |
|  | $B=\$ 4,002,541$ |  |  |  |  |  |
|  | Design Life Cost |  |  |  |  |  |
|  | $C=\$ \quad 269,280$ |  |  |  |  |  |
|  | Design Life Benefit/Cost Ratio |  |  |  |  |  |
|  | $B / C=$ |  | 14.9 |  |  |  |

## Appendix J: Environmental Screening Report

GDOT Office of Traffic Operations 935 Confederate Ave., SE<br>Atlanta, GA 30316<br>Subject: Environmental Screening Memo<br>SR 247/Pio Nono Avenue<br>Arcadis U.S., Inc.<br>2410 Paces Ferry Road<br>\#400<br>Atlanta<br>Georgia 30339<br>From SR 22 to SR 74<br>P.I. No. N/A, Bibb Co., Georgia

Georgia Department of Transportation (GDOT) has identified the need for improvements to State Route (SR) 247 (Pio Nono Avenue) from its intersection with SR 22 (Eisenhower Parkway) north to its intersection with SR 74 (Mercer University Drive) in the City of Macon, Bibb County, Georgia. The proposed project is to be included in the GDOT Safety Lump Sum Program within the Office of Traffic Operations.

The study corridor is approximately 1.13 miles and includes three signalized intersections: SR 247/Pio Nono Avenue at SR 22/Eisenhower Parkway, SR 247/Pio Nono Avenue at Anthony Road, and SR 247/Pio Nono Avenue at SR 74/Mercer University Drive. The remaining intersections along the corridor are unsignalized. The major portion of SR 247/Pio Nono Avenue in the study corridor is a four-lane road, two lanes each direction with a two-way left-turn lane (TWLTL) in the center from SR 22/Eisenhower Parkway to Anthony Road. The remaining section of SR 247/Pio Nono Avenue from Anthony Road to SR 74/Mercer University Drive continues with two lanes in each direction, however there is no TWLTL. State Route 247/Pio Nono Avenue has a posted speed of 35 MPH and is classified as an urban minor arterial throughout the study corridor.

The proposed project would implement a road diet on SR 247/Pio Nono Avenue from Anthony Road to SR 74/Mercer University Drive. The road diet would reduce SR 247/Pio Nono Avenue from two lanes in each direction to one lane in each direction with a TWLTL. Signal improvements at SR 22/Eisenhower Parkway and SR 74/Mercer University Drive are also proposed. Proposed improvements also include a single-lane roundabout at Anthony Road as well as resurfacing, median improvements, and sidewalk connections for improved pedestrian safety along the entire study corridor. Approximately 0.9 acres of right-of-way (ROW) would be required to implement the roundabout at Anthony Road. Table 1 below shows the location and amount of ROW required for the proposed improvements.

Table 1. Location and Quantity of Right-of-Way Required for the Proposed Improvements.

| Location | Right-of-Way Required | Address |
| :--- | :--- | :--- |
| NE Corner of the Anthony Road | Full Parcel Required | 2196 Pio Nono Avenue |
| and SR 247/Pio Nono Avenue | 10,500 sq. ft. (0.23 acre) \& 1 |  |
| Intersection (Saleems Fish | Structure |  |
| Supreme) |  |  |


| Location | Right-of-Way Required | Address |
| :--- | :--- | :--- |
| SE Corner of the Anthony Road and <br> SR 247/Pio Nono Avenue <br> Intersection (Church's Chicken) | 950 sq. ft (0.02 acre) \& 1 Sign | 2212 Pio Nono Avenue |
| SW Corner of the Anthony Road <br> and SR 247/Pio Nono Avenue <br> Intersection (Autozone) | 625 sq. ft. (0.01 acre) \& 3 Parking <br> Spaces | 2215 Pio Nono Avenue |
| NW Corner of the Anthony Road <br> and SR 247/Pio Nono Avenue <br> Intersection (JC Discount Tires) | Full Parcel Required; <br> 26,550 sq. ft. (0.61 acre) \& 1 <br> Structure | 2195 Pio Nono Avenue |

To assist GDOT in understanding the potential environmental constraints within the corridor, Arcadis staff conducted a desktop survey using National Wetland Inventory (NWI) maps, Georgia's Natural, Archaeological, and Historic Geographic Information System (GNAHRGIS), the U.S. Environmental Protection Agency's (USEPA) EnviroMapper, and the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) for identifying environmental resources that may be afforded protection under the National Environmental Policy Act (NEPA). Based on the desktop survey, the following environmental concerns/constraints were observed in the corridor:

## EPA

## Environmental Justice/Community Impact

During this desktop survey, the presence of minority or low-income populations was not readily apparent within the study corridor. Proposed improvements would require approximately 0.9 acre of ROW. The area where ROW would be acquired, at the intersection of SR 247/Pio Nono Avenue and Anthony Road is commercial; residential properties would not be impacted. Given the location and scale of required ROW for the proposed project, disproportionate effects to minority or low-income residents are not likely.

## Section 4(f) Properties

One public park, Frank Johnson Recreation Center, located at 2227 SR 74/Mercer University Drive is just outside the limits of the study corridor. This facility is a public park, which is owned and operated by Macon-Bibb County Parks and Recreation Department. No impacts or adverse effects to this park from the proposed project are anticipated. Therefore, there are no public parks or refuges that may be afforded protection under Section 4(f) within the project limits. However, during the desktop survey, 28 standing structures were identified that are at least 45 years old. These structures may be afforded protection under Section 4(f) as historic resources. Please see the History discussion on page 4 of this screening memo for more information.

## Environmental Documentation

Based on the 2018 Programmatic Categorial Exclusion (PCE) Process Agreement, the required ROW for the proposed project exceeds the minor threshold allowance. Because two structures would be displaced, this project does not qualify for a PCE. The project's environmental clearance would be obtained with a Categorical Exclusion (CE).

## Ecology

## Protected Species

The proposed project is located in Macon, GA. Protected species and their habitats may exist but are not likely to exist within the project corridor due to utility easements and proximity to the existing
roadway. An ecology resource survey for protected species and their habitats would be conducted to assess habitat suitability and species presence.

## Bats

All bats are protected under Georgia state law and some species have additional protections under the federal Endangered Species Act of 1973. Bridges and culverts are often potential bat roosting locations and forested areas can serve as roosting and foraging habitat. However, during the desktop review we did not locate any bridges or culverts within the study corridor. Adjacent to the study corridor there are 21 non-maintained parcels with overgrown vegetation that may be bat habitat; however, a bat study is unlikely.

## Waters of the United States

According to the NWI map (Figure 1), no Waters of the United States are within the study corridor. An ecological resource survey would be necessary to confirm the extent of jurisdictional and state waters within the project corridor and the potential for impacts.

Figure 1. Waters of the United States.


## Floodplain

FEMA FIRM Panel 13021C0133G, Macon-Bibb County (dated 06/07/2017) was reviewed to identify flood hazard zones within the project corridor. Based on this review, the entirety of the study corridor
is outside the flood zone area. Therefore, no impacts to the floodplain/floodway are anticipated and a hydraulic study is not likely to be necessary.

## History

A GNAHRGIS query returned no results for historic resources within or adjacent to the required ROW for the proposed project. The same query showed 28 standing structures at least 45 years or older are adjacent to study corridor (Table 2 and Figure 2). Based on a review of aerial imagery and Google Street View, two of the structures listed on the GNAHRGIS website have been demolished prior to 2019 (ID 16 and 28 in Table 2). Two of the standing structures are within the required ROW for the proposed roundabout at Anthony Road (ID 11 and 12 in Table 2). Section 106 Coordination and a Historic Resources Survey Report by a certified historian would be necessary to confirm the full extent of historic resources and their eligibility for listing in the National Register of Historic Places (NRHP). A Cultural Resources Assessment of Effects Report would be necessary if the historic resources are determined to be eligible for listing in the NRHP.

Table 2. Standing Structures Within the Study Corridor Constructed Prior to 1974.

| Id <br> Number | Land Use | Additional <br> ROW <br> Proposed | Address | Year Constructed |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Commercial | No | 2490 PIO NONO AVE | 1972 |
| 2 | Commercial | No | 2404 PIO NONO AVE | 1969 |
| 3 | Residential | No | 2394 PIO NONO AVE | 1951 |
| 4 | Residential | No | 2370 PIO NONO AVE | 1935 |
| 5 | Residential | No | 2358 PIO NONO AVE | 1942 |
| 6 | Residential | No | 2344 PIO NONO AVE | 1930 |
| 7 | Commercial | No | 2324 PIO NONO AVE | 1968 |
| 8 | Commercial | No | 2281 PIO NONO AVE | 1945 |
| 9 | Commercial | No | 2290 PIO NONO AVE | 1950 |
| 10 | Commercial | No | 2238 PIO NONO AVE | 1969 |
| 11 | Commercial | Yes - Proposed Roundabout | 2196 PIO NONO AVE | 1951 |
| 12 | Commercial | Yes - Proposed <br> Roundabout | 2195 PIO NONO AVE | 1953 |
| 13 | Commercial | No | 2148 PIO NONO AVE | 1970 |
| 14 | Commercial | No | 2146 PIO NONO AVE | 1971 |
| 15 | Commercial | No | 2104 PIO NONO AVE | 1965 |
| 16 | Demolished in 2018; Residential | No | 2086 PIO NONO AVE | 1955 |
| 17 | Residential | No | 2044 PIO NONO AVE | 1950 |
| 18 | Residential | No | 2010 PIO NONO AVE | 1954 |
| 19 | Residential | No | 2000 PIO NONO AVE | 1964 |
| 20 | Residential | No | 1959 VINING CIR | 1956 |
| 21 | Residential | No | 1959 VINING CIR | 1942 |
| 22 | Residential | No | 1958 VINING CIR | 1960 |
| 23 | Residential | No | 1973 PIO NONO AVE | 1949 |
| 24 | Residential | No | 1954 PIO NONO AVE | 1950 |
| 25 | Residential | No | 1935 PIO NONO AVE | 1915 |
| 26 | Residential | No | 1915 PIO NONO AVE | 1933 |
| 27 | Residential | No | 1883 PIO NONO AVE | 1933 |
| 28 | Demolished prior to 2018; Residential | No | 1780 PIO NONO AVE | 1900 |

Figure 2. Location of Standing Structures Adjacent to the Study Corridor.

arcadis.com

No historic markers are located within or near the proposed project.

## Archaeology

According to GNAHRGIS, no publicly documented archaeological resources are present and the possibility of encountering archaeological resources is low. The areas adjacent to the study corridor have been modified and disturbed by transportation facilities, utilities, and other development. Based on the desktop survey, Section 106 Coordination and an Archaeological Short Report appears to be the likely path for reporting; however, a site file search and field work by certified archaeologists may necessitate the preparation of a Management Summary and a Phase 1 Archaeology Resource Report if previously listed sites or newly uncovered sites are found.

## Hazardous Waste/Underground Storage Tanks

Using the EPA's EnvironMapper, Georgia Environmental Protection Division's (GAEPD) underground storage tank (UST) database, and desktop surveys, five sites with UST(s) are present within or near the study corridor.

- Sunoco; 2510 Pio Nono Avenue. No additional ROW is anticipated.
- Lo Lo Food Mart; 2490 Pio Nono Avenue. No additional ROW is anticipated.
- Exxon; 2311 Pio Nono Avenue. No additional ROW is anticipated.
- Quickway Food (Citgo); 1803 Pio Nono Avenue. No additional ROW is anticipated.
- Quick Zip; 1800 Pio Nono Avenue. No additional ROW is anticipated.

Public Involvement
A public information letter may be sent to property owners in the vicinity of the study corridor informing them of the proposed project and offering the opportunity to comment. Subsequently, a Public Information Open House (PIOH) may be held.

## Anticipated Permits

- None


## Appendix K: Existing and Preferred Alternative Sketches









## Appendix L: Agency Coordination

| From: | Kellett, Ryan |
| :--- | :--- |
| To: | Cressman, Norm |
| Subject: | RE: District 3 Resurfacing |
| Date: | Thursday, June 6, 2019 8:34:07 AM |
| Attachments: | image001.png |

Currently nothing has been submitted to the State Maintenance Office past FY21. Looking at the past ratings I would suspect FY22-25 that route would be going, from MP 8.2-15.29. This would fall in the limits, you are describing. The letting of that just depends on backlogs and funding.

Hopefully that helps...

From: Cressman, Norm [Normand.Cressman@arcadis.com](mailto:Normand.Cressman@arcadis.com)
Sent: Wednesday, June 5, 2019 3:37 PM
To: Kellett, Ryan [rkellett@dot.ga.gov](mailto:rkellett@dot.ga.gov)
Subject: District 3 Resurfacing
CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ryan. We are looking at a Safety project on SR 247 in Bibb County from SR 22 to Dora Street. I don't see a proposed resurfacing project for FY 20 or 21 here.
Can you tell me if this one is on the radar in the next 3-5 years? Thanks N
Norm Cressman | Normand.Cressman@arcadis.com
ARCADIS, Inc.
M: 678.907.9961
WWW. arcadis.com
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Hands-free cell phone use is the law when driving in Georgia. When drivers use cell phones and other electronic devices it must be with hands-free technology. There are many facets to the law. For details, visit https://www.gahighwaysafety.org/highway-safety/hands-free-law/

| From: | Daniel, Jeremy [jedaniel@dot.ga.gov](mailto:jedaniel@dot.ga.gov) |
| :--- | :--- |
| Sent: | Thursday, December 5, 2019 9:40 AM |
| To: | Gonzalez, Juan (US) |
| Cc: | Wallace, Jonathan; Peek, Tyler |
| Subject: | FW: TE Studies - Pavement Rating request |

Juan,

Please see below. Thanks.
Jeremiah Daniel, P.E.
Assistant District Traffic Engineer

District 3
115 Transportation Blvd
Thomaston, GA, 30286
706.646.7513 office

From: Kellett, Ryan [rkellett@dot.ga.gov](mailto:rkellett@dot.ga.gov)
Sent: Thursday, December 5, 2019 8:27 AM
To: Daniel, Jeremy [jedaniel@dot.ga.gov](mailto:jedaniel@dot.ga.gov)
Subject: RE: TE Studies - Pavement Rating request

1. $\operatorname{SR} 247$ from SR 22 to $\operatorname{SR} 74=$ dTims 72.00
2. SR 22 from Canterbury Road to I-75 NB Ramps $=$ dTims 79.93 and 74.75

From: Daniel, Jeremy [jedaniel@dot.ga.gov](mailto:jedaniel@dot.ga.gov)
Sent: Thursday, December 5, 2019 8:07 AM
To: Kellett, Ryan [rkellett@dot.ga.gov](mailto:rkellett@dot.ga.gov)
Subject: FW: TE Studies - Pavement Rating request
Do you have this information?
Jeremiah Daniel, P.E.
Assistant District Traffic Engineer

Georgic
Department ol Iransportation

District 3
115 Transportation Blvd


[^0]:    - Property Damage
    $\downarrow$ Injuries Only
    - Fatalities

