

# TRAFFIC IMPACT STATEMENT

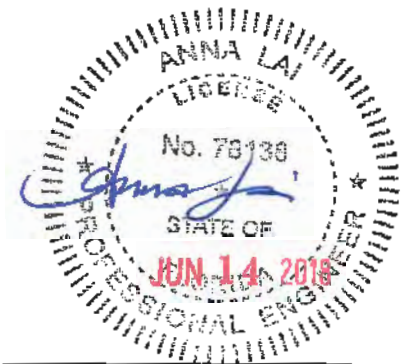
## BLUE HERON COMMERCIAL CITY OF RIVIERA BEACH, FLORIDA

### Prepared for:

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## **1.0 SITE DATA**

The subject parcel is located on the north side of Blue Heron Boulevard, west of Australian Avenue in the City of Riviera Beach, Florida and contains approximately 3.6892 acres. Figure 1 presents a vicinity map. The Property Control Number for the subject parcel is 56-43-42-29-37-000-0030. Proposed site development on the currently unimproved parcel consists of 8,155 SF of medical office space and 23,157 SF of general commercial space with a project build-out of 2020. Site access is proposed via right in/right out westerly and easterly driveway access connections to Blue Heron Boulevard, and a directional right in/left in/right out central driveway connection to Blue Heron Boulevard. For additional information concerning site location and layout, please refer to the Site Plan prepared by Schmidt Nichols.

## **2.0 PURPOSE OF STUDY**

This study will analyze the proposed development's impact on the surrounding major thoroughfares within the project's radius of development influence in accordance with the Palm Beach County Unified Land Development Code Article 12 – Traffic Performance Standards. The Traffic Performance Standards state that a Site Specific Development Order for a proposed project shall meet the standards and guidelines outlined in two separate "Tests" with regard to traffic performance.

Test 1, or the Build-out Test, relates to the build-out period of the project and requires that a project not add traffic within the radius of development influence which would have total traffic exceeding the adopted LOS at the end of the build-out period. This Test 1 analysis consists of two parts and no project shall be approved for a Site Specific Development Order unless it can be shown to satisfy the requirements of Parts One and Two of Test 1.

Part One – Intersections, requires the analysis of major intersections, within or beyond a project's radius of development influence, where a project's traffic is significant on a link within the radius of development influence. The intersections analyzed shall operate within the applicable threshold associated with the level of analysis addressed.

Part Two – Links, compares the total traffic in the peak hour, peak direction on each link within a project's radius of development influence with the applicable LOS "D" link service volumes. The links analyzed shall operate within the applicable thresholds associated with the level of analysis addressed.

Test 2, or the Five Year Analysis, relates to the evaluation of project traffic five years in the future and requires that a project not add traffic within the radius of development influence which would result in total traffic exceeding the adopted LOS at the end of the Five Year Analysis period. This test requires analysis of links and major intersections as necessary within or beyond the radius of development influence, where a project's traffic is significant on a link within the radius of development influence.



**FIGURE 1. Vicinity Map**  
Blue Heron Commercial  
Source: Google 2018 ©

## 2.0 PURPOSE OF STUDY (CONTINUED)

This analysis shall address the total traffic anticipated to be in place at the end of the fifth year of the Florida Department of Transportation Five Year Transportation Improvement Program in effect at the time of traffic analysis submittal.

The existing roadway network as well as both the State and Palm Beach County Five Year Road Program improvements, with construction scheduled to commence prior to the end of the Five Year Analysis Period shall be the Test 2 roadway network assumed in the analysis. The total traffic in the peak hour, peak direction on each link within a project's radius of development influence shall be compared with the applicable LOS "E" service volumes. The links analyzed shall operate within the applicable thresholds associated with the level of analysis addressed.

This study will verify that the proposed development's traffic impact will meet the above Traffic Performance Standards.

## 3.0 TRAFFIC GENERATION

The Palm Beach County Unified Land Development Code Article 12 requires that for any application for a site specific development order on property on which there are vested uses shall be subject to the Palm Beach County Traffic Performance Standards to the extent the traffic generation projected for the site specific development order exceeds the traffic generation of the vested uses.

The generation rates and capture rates of the vested uses shall be updated to current pro forma traffic generation and passer-by rates and shall be used to calculate vested uses/current approval traffic.

The traffic to be generated by the proposed site modifications has been calculated in accordance with the traffic generation rates listed in the *ITE Trip Generation Manual, 9<sup>th</sup> Edition* and rates published by the Palm Beach County Engineering Traffic Division as shown in Tables 1, 2, and 3. Table 1 shows the daily traffic generation associated with the proposed development in trips per day (tpd). Tables 2 and 3 show the AM and PM peak hour traffic generation, respectively, in peak hour trips (pht). The traffic to be generated by the proposed plan of development may be summarized as follows:

### Proposed Plan of Development

Daily Traffic Generation	=	1,473 tpd
AM Peak Hour Traffic Generation (In/Out)	=	27 pht (20 In/7 Out)
PM Peak Hour Traffic Generation (In/Out)	=	132 pht (58 In/74 Out)

#### **4.0 RADIUS OF DEVELOPMENT INFLUENCE**

Based on Table 12.B.2.D-7 3A of the Palm Beach County Unified Land Development Code Article 12 – Traffic Performance Standards, for a net trip generation of 132 peak hour trips, the radius of development influence shall be two (2) miles.

For Test 1, a project must address those links within the radius of development influence on which its net trips are greater than one percent of the LOS "D" of the link affected on a peak hour, peak direction basis AND those links outside of the radius of development influence on which its net trips are greater than five percent of the LOS "D" of the link affected on a peak hour, peak direction basis up to the limits set forth in Table 12.B.2.C-1 1A: LOS "D" Link Service Volumes.

For Test 2, a project must address those links within the radius of development influence on which its net trips are greater than three percent of the LOS "E" of the link affected on a peak hour, peak direction basis AND those links outside of the radius of development influence on which its net trips are greater than five percent of the LOS "E" of the link affected on a peak hour, peak direction basis up to the limits set forth in Table 12.B.2.C-4 2A: LOS "E" Link Service Volumes.

#### **5.0 TRIP DISTRIBUTION**

The project trips were distributed and assigned on the links within the radius of development influence based on the existing and anticipated traffic patterns. Figure 2 presents the trip distribution percentages.

#### **6.0 TRAFFIC ASSIGNMENT/DISTRIBUTION TEST 1 – PART 2**

Tables 4 and 5 (in Appendix A) show the project's AM and PM peak hour trip assignment, respectively, as well as the applicable Level of Service Standard for each of the links within the project's radius of development influence. Links with a project assignment greater than 1% of the applicable Level of Service "D" have been outlined as links with significant project assignment.

Table 6 (in Appendix A) show the projected total PM peak hour traffic volumes and threshold volumes for the links with significant project assignment within the project's radius of development influence. For the links, the 2020 total traffic has been calculated using the higher value between the link historical growth rate and the combination of a 1.0% background growth rate and the approved committed development trips. The 2020 build-out link volume reports for the link from the Palm Beach County Engineering Traffic Division TPS Database are included in Appendix B.

A review of Tables 4-6 indicates this project meets the applicable Peak Hour Traffic Volume Link Performance Standards listed under "Test One - Part Two" of the Palm Beach County Traffic Performance Standards on all links within the project's radius of development influence.

## 7.0 INTERSECTION ANALYSIS TEST 1 – PART 1

As a requirement of Part 1 of Test 1 of the Palm Beach County Traffic Performance Standards, all major intersections in each direction nearest to the point at which the project's traffic enters each project accessed link, and where the project traffic entering or exiting the intersection from/to the project accessed link is significant, must be analyzed. Therefore, the following intersections must be analyzed for the 2020 projected AM and PM peak hours:

Blue Heron Boulevard at Congress Avenue  
Blue Heron Boulevard at Australian Avenue

For each intersection, the 2020 total traffic has been calculated using the higher value between the background growth rate and the combination of a 1.0% background growth rate and the approved committed development trips. The 2020 build-out volume reports from the Palm Beach County Engineering Traffic Division TPS Database are included in Appendix B.

Each intersection has been analyzed using the adjusted turning movement volumes in accordance with the methodology set forth in the Transportation Research Board Special Report 209, Planning Analysis. The intersection analyses are included in Appendix C. The analysis results show that the sum of the critical movements during the peak season, peak hours at project build-out is less than the adopted Level of Service volume of 1,400 vehicles per hours (vph) for each intersection:

Intersection	Critical Sum	
	AM	PM
Blue Heron Boulevard at Congress Avenue	1,245	1,399
Blue Heron Boulevard at Australian Avenue	821	848

## 8.0 TEST 2 – FIVE YEAR ANALYSIS

Test 2, or the Five Year Analysis, relates to the evaluation of project traffic five years in the future and requires that a project not add traffic within the radius of development influence which would result in total traffic exceeding the adopted LOS at the end of the Five Year Analysis Period. Tables 7 and 8 (in Appendix D) show the project's net trip generation is less than 3% of the applicable LOS "E" threshold for all links within the project's radius of development influence. This project therefore meets the requirements of Test 2.



## 9.0 SITE RELATED IMPROVEMENTS

The AM and PM peak hour volumes at the project entrances for the overall development with no reduction for pass by credits are shown in Tables 2 and 3 and may be summarized as follows:

**Directional  
Distribution  
(Trips IN/OUT)**

AM = 29 / 12  
PM = 117 / 139

Figure 3 presents the AM and PM peak turning movement volume assignments at the project driveway based on the directional distributions. As previously mentioned, site access is proposed via right in/right out westerly and easterly driveway access connections to Blue Heron Boulevard, and a directional right in/left in/right out central driveway connection to Blue Heron Boulevard. Based on the Palm Beach County Engineering Guidelines used in determining the need for turn lanes of 75 right turns or 30 left turns in the peak hour, and on existing turn lanes, additional turn lanes are not warranted or recommended.

## 10.0 CONCLUSION

The proposed development has been estimated to generate 1,473 trips per day, 27 AM peak hour trips, and 132 PM peak hour trips at project build-out in 2020. A review of the links within the project's radius of development influence reveals that capacity is available to support the project and the project meets the requirements of the Palm Beach County Traffic Performance Standards.



**BLUE HERON COMMERCIAL**

06/11/18

**PROPOSED DEVELOPMENT**

**TABLE 1 - Daily Traffic Generation**

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split		Gross Trips			Internalization			External Trips			Pass-by <sup>d</sup>		Net Trips				
					In	Out	In	Out	Total	%	In	Out	Total	%	Trips	In	Out	Total				
Medical Office	720	8,155	S.F.	36.13																		
Gen. Commercial	820	23,157	S.F.	$\ln(T) = .65 \ln(X) + 5.83^e$																		
<b>Grand Totals:</b>																						
								295				0			295			10%	30		265	
								2,624				0			2,624			54.0%	1,416		1,208	
								2,919				0			2,919			50%	1,446		1,473	

**TABLE 2 - AM Peak Hour Traffic Generation**

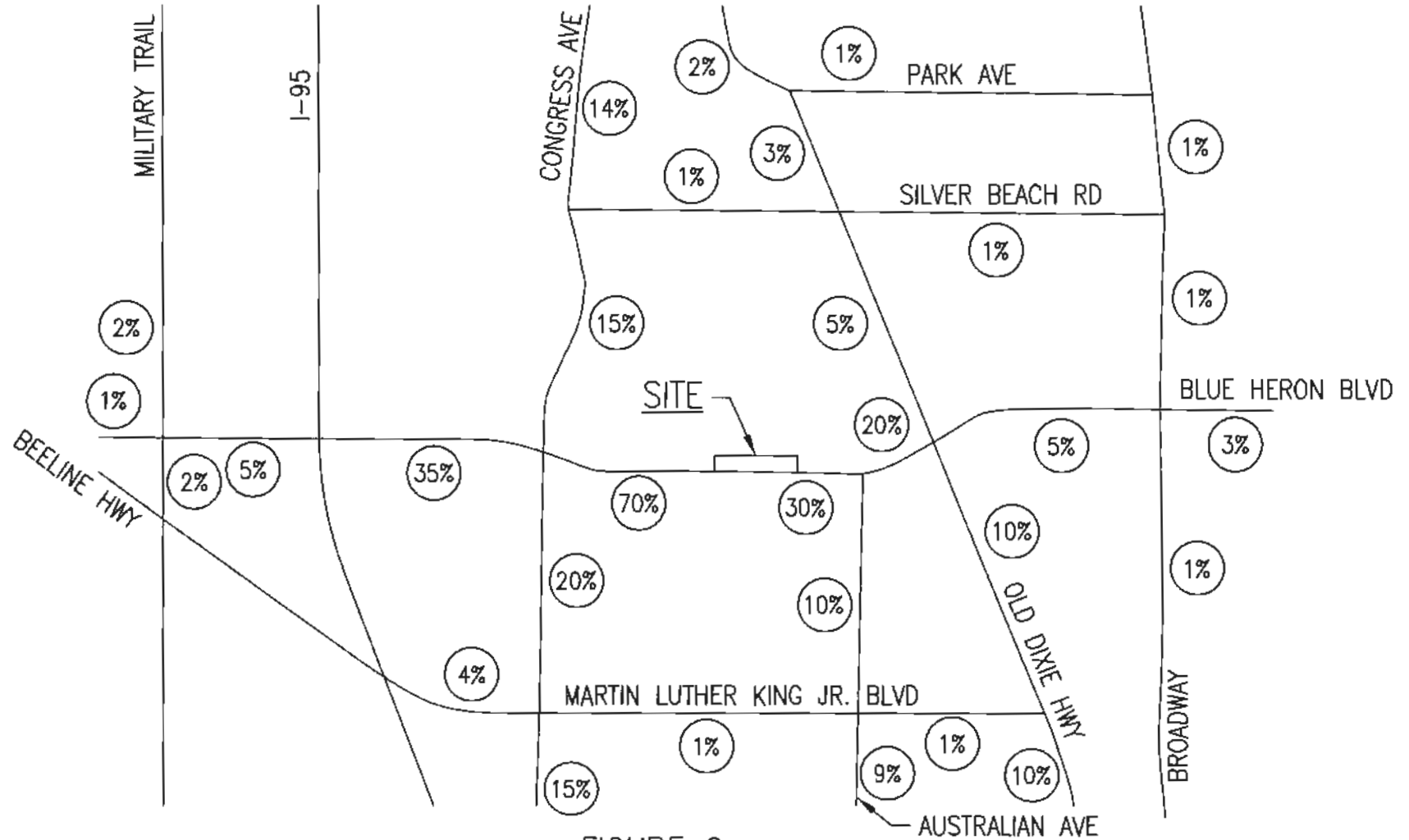
Landuse	ITE Code	Intensity		Rate/Equation	Dir Split		Gross Trips			Internalization			External Trips			Pass-by <sup>d</sup>		Net Trips				
					In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	%	Trips	In	Out	Total	
Medical Office	720	8,155	S.F.	2.39	0.79	0.21	15	4	19	0.0%	0	0	0	15	4	19	10%	2	14	3	17	
Gen. Commercial	820	23,157	S.F.	0.96	0.62	0.38	14	8	22	0.0%	0	0	0	14	8	22	54%	12	6	4	10	
<b>Grand Totals:</b>																						
							29	12	41	0.0%	0	0	0	29	12	41	34%	14	20	7	27	

**TABLE 3 - PM Peak Hour Traffic Generation**

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split		Gross Trips			Internalization			External Trips			Pass-by <sup>d</sup>		Net Trips				
					In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	%	Trips	In	Out	Total	
Medical Office	720	8,155	S.F.	$\ln(T) = 0.90 \ln(X) + 1.53$	0.28	0.72	9	22	31	0.0%	0	0	0	9	22	31	10%	3	8	20	28	
Gen. Commercial	820	23,157	S.F.	$\ln(T) = 0.67 \ln(X) + 3.31^e$	0.48	0.52	108	117	225	0.0%	0	0	0	108	117	225	54%	121	50	54	104	
<b>Grand Totals:</b>																						
							117	139	256	0.0%	0	0	0	117	139	256	48%	124	58	74	132	


**Notes:**

- c.) For intensities under 10,000 s.f., use a rate of 152.03 / 1,000 SF instead of the equation.
- d.) For Land Use 820 General Commercial, pass-by percent = 62% for 10,000 s.f. or less, otherwise =  $83.18 - 9.30 * \ln(A)$  where A is 1,000 s.f. of leasable area.
- e.) For densities under 10,000 s.f., use a rate of 12.81 / 1,000 s.f. instead of the equation.



**FIGURE 2**  
**PROJECT DISTRIBUTION**

**LEGEND**

 PROJECT DISTRIBUTION

**BLUE HERON COMMERCIAL**

17-098 AL 06-12-18



ENGINEERING | PLANNING | CONSULTING | SINCE 1982  
Authorization No. 3452

2581 Metrocentre Blvd West • Suite 3 • West Palm Beach, Florida 33407 • (561) 478-7848



SITE  
P.C.N.: 56-43-42-29-37-000-0030

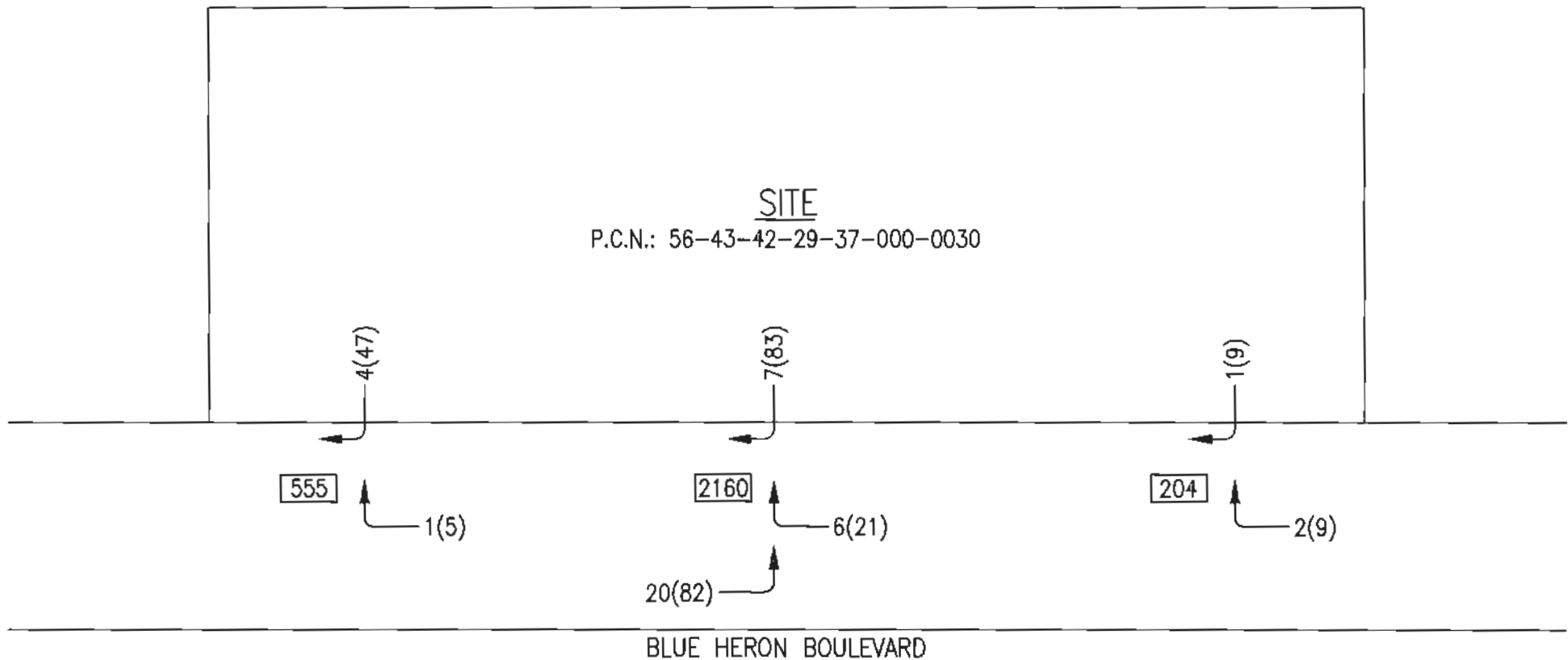


FIGURE 3  
PROJECT TURNING MOVEMENTS

LEGEND

- 14 A.M. PEAK HOUR TURNING MOVEMENT
- (18) P.M. PEAK HOUR TURNING MOVEMENT
- 413 A.A.D.T.

**BLUE HERON COMMERCIAL**

17-098 AL 06-08-18  
REVISED: 06-11-18

# **APPENDIX A**

## **TEST 1 PART 2: LINK ANALYSIS**

**TABLE 4**  
**TEST 1 - PROJECT SIGNIFICANCE CALCULATION**  
**AM PEAK HOUR**

2020 BUILD OUT  
2 MILE RADIUS OF DEVELOPMENT INFLUENCE  
TOTAL AM PEAK HOUR PROJECT TRIPS (ENTERING) = 20  
TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 7

STATION	ROADWAY	FROM	TO	AM PEAK HOUR DIRECTIONAL				LOS D STANDARD	TOTAL PROJECT IMPACT	PROJECT SIGNIFICANT
				PROJECT DISTRIBUTION	PROJECT TRIPS	EXISTING LANES	CLASS			
2833	PARK AVENUE	FEDERAL HIGHWAY	10TH STREET	1%	0	2	I	880	0.00%	NO
2615	SILVER BEACH ROAD	CONGRESS AVENUE	OLD DIXIE HIGHWAY	1%	0	2	I	880	0.00%	NO
2807	SILVER BEACH ROAD	OLD DIXIE HIGHWAY	US 1	1%	0	2	I	880	0.00%	NO
2601	BLUE HERON BOULEVARD	BEELINE HIGHWAY	MILITARY TRAIL	1%	0	4D	II	1770	0.00%	NO
2211	BLUE HERON BOULEVARD	MILITARY TRAIL	I-95	5%	1	8D	II	2680	0.04%	NO
2311	BLUE HERON BOULEVARD	I-95	CONGRESS AVENUE	35%	7	6D	II	2680	0.26%	NO
2607	BLUE HERON BOULEVARD	CONGRESS AVENUE	SITE	70%	14	6D	II	2680	0.52%	NO
2607	BLUE HERON BOULEVARD	SITE	AUSTRALIAN AVENUE	30%	6	6D	II	2680	0.22%	NO
2823	BLUE HERON BOULEVARD	AUSTRALIAN AVENUE	OLD DIXIE HIGHWAY	20%	4	6D	II	2680	0.15%	NO
2811	BLUE HERON BOULEVARD	OLD DIXIE HIGHWAY	US 1	5%	1	5	II	1770	0.06%	NO
2801	BLUE HERON BOULEVARD	US 1	OCEAN DRIVE	3%	1	4D	II	1770	0.06%	NO
2313	MARTIN LUTHER KING JR BOULEVARD	MILITARY TRAIL	CONGRESS AVENUE	4%	1	4D	II	1770	0.06%	NO
2841	MARTIN LUTHER KING JR BOULEVARD	CONGRESS AVENUE	AUSTRALIAN AVENUE	1%	0	4D	II	1770	0.00%	NO
2813	MARTIN LUTHER KING JR BOULEVARD	AUSTRALIAN AVENUE	OLD DIXIE HIGHWAY	1%	0	2	II	810	0.00%	NO
2614	MILITARY TRAIL	INVESTMENT LANE	BLUE HERON BOULEVARD	2%	0	6D	II	2680	0.00%	NO
2612	MILITARY TRAIL	BLUE HERON BOULEVARD	SR 710	2%	0	6D	II	2680	0.00%	NO
2620	CONGRESS AVENUE	NORTHLAKE BOULEVARD	SILVER BEACH ROAD	14%	3	4D	II	1770	0.17%	NO
2622	CONGRESS AVENUE	SILVER BEACH ROAD	BLUE HERON BOULEVARD	15%	3	4D	II	1770	0.17%	NO
2618	CONGRESS AVENUE	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVA	20%	4	4D	II	1770	0.23%	NO
2308	CONGRESS AVENUE	MARTIN LUTHER KING JR BOULEVA	45TH STREET	15%	3	6D	II	2680	0.11%	NO
2834	AUSTRALIAN AVENUE	BLUE HERON BOULEVARD	BEELINE HIGHWAY (SR 710)	10%	2	4D	II	1770	0.11%	NO
2306	AUSTRALIAN AVENUE	BEELINE HIGHWAY (SR 710)	45TH STREET	9%	2	4D	II	1770	0.11%	NO
NA	OLD DIXIE HIGHWAY	NORTHLAKE BOULEVARD	PARK AVENUE	2%	0	3	I	880	0.00%	NO
NA	OLD DIXIE HIGHWAY	PARK AVENUE	SILVER BEACH ROAD	3%	1	4D	I	1960	0.05%	NO
2808	OLD DIXIE HIGHWAY	SILVER BEACH ROAD	BLUE HERON BOULEVARD	5%	1	4D	II	1770	0.06%	NO
2810	OLD DIXIE HIGHWAY	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVA	10%	2	4D	II	1770	0.11%	NO
3302	OLD DIXIE HIGHWAY	MARTIN LUTHER KING JR BOULEVA	45TH STREET	10%	2	5	II	1770	0.11%	NO
NA	BROADWAY	PARK AVENUE	SILVER BEACH ROAD	1%	0	5	II	1770	0.00%	NO
NA	BROADWAY	SILVER BEACH ROAD	BLUE HERON BOULEVARD	1%	0	4D	II	1770	0.00%	NO
2818	BROADWAY	BLUE HERON BOULEVARD	13TH STREET	1%	0	4D	II	1770	0.00%	NO

**TABLE 5**  
**TEST 1 - PROJECT SIGNIFICANCE CALCULATION**  
**PM PEAK HOUR**

2020 BUILD OUT  
2 MILE RADIUS OF DEVELOPMENT INFLUENCE  
TOTAL PM PEAK HOUR PROJECT TRIPS (ENTERING) = 58  
TOTAL PM PEAK HOUR PROJECT TRIPS (EXITING) = 74

STATION	ROADWAY	FROM	TO	PM PEAK HOUR DIRECTIONAL				LOS D STANDARD	TOTAL PROJECT IMPACT	PROJECT SIGNIFICANT
				PROJECT DISTRIBUTION	PROJECT TRIPS	EXISTING LANES	CLASS			
2833	PARK AVENUE	FEDERAL HIGHWAY	10TH STREET	1%	1	2	I	880	0.11%	NO
2615	SILVER BEACH ROAD	CONGRESS AVENUE	OLD DIXIE HIGHWAY	1%	1	2	I	880	0.11%	NO
2807	SILVER BEACH ROAD	OLD DIXIE HIGHWAY	US 1	1%	1	2	I	880	0.11%	NO
2601	BLUE HERON BOULEVARD	BEELINE HIGHWAY	MILITARY TRAIL	1%	1	4D	II	1770	0.06%	NO
2211	BLUE HERON BOULEVARD	MILITARY TRAIL	I-95	5%	4	6D	II	2680	0.15%	NO
2311	BLUE HERON BOULEVARD	I-95	CONGRESS AVENUE	35%	26	6D	II	2680	0.97%	NO
<b>2607</b>	<b>BLUE HERON BOULEVARD</b>	<b>CONGRESS AVENUE</b>	<b>SITE</b>	<b>70%</b>	<b>52</b>	<b>6D</b>	<b>II</b>	<b>2680</b>	<b>1.94%</b>	<b>YES</b>
2807	BLUE HERON BOULEVARD	SITE	AUSTRALIAN AVENUE	30%	22	6D	II	2680	0.82%	NO
2823	BLUE HERON BOULEVARD	AUSTRALIAN AVENUE	OLD DIXIE HIGHWAY	20%	15	6D	II	2680	0.56%	NO
2811	BLUE HERON BOULEVARD	OLD DIXIE HIGHWAY	US 1	5%	4	5	II	1770	0.23%	NO
2801	BLUE HERON BOULEVARD	US 1	OCEAN DRIVE	3%	2	4D	II	1770	0.11%	NO
2313	MARTIN LUTHER KING JR BOULEVARD	MILITARY TRAIL	CONGRESS AVENUE	4%	3	4D	II	1770	0.17%	NO
2841	MARTIN LUTHER KING JR BOULEVARD	CONGRESS AVENUE	AUSTRALIAN AVENUE	1%	1	4D	II	1770	0.06%	NO
2813	MARTIN LUTHER KING JR BOULEVARD	AUSTRALIAN AVENUE	OLD DIXIE HIGHWAY	1%	1	2	II	810	0.12%	NO
2814	MILITARY TRAIL	INVESTMENT LANE	BLUE HERON BOULEVARD	2%	1	6D	II	2680	0.04%	NO
2812	MILITARY TRAIL	BLUE HERON BOULEVARD	SR 710	2%	1	6D	II	2680	0.04%	NO
2620	CONGRESS AVENUE	NORTHLAKE BOULEVARD	SILVER BEACH ROAD	14%	10	4D	II	1770	0.56%	NO
2622	CONGRESS AVENUE	SILVER BEACH ROAD	BLUE HERON BOULEVARD	15%	11	4D	II	1770	0.62%	NO
2618	CONGRESS AVENUE	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVA	20%	15	4D	II	1770	0.85%	NO
2308	CONGRESS AVENUE	MARTIN LUTHER KING JR BOULEVA	45TH STREET	15%	11	6D	II	2680	0.41%	NO
2834	AUSTRALIAN AVENUE	BLUE HERON BOULEVARD	BEELINE HIGHWAY (SR 710)	10%	7	4D	II	1770	0.40%	NO
2306	AUSTRALIAN AVENUE	BEELINE HIGHWAY (SR 710)	45TH STREET	9%	7	4D	II	1770	0.40%	NO
NA	OLD DIXIE HIGHWAY	NORTHLAKE BOULEVARD	PARK AVENUE	2%	1	3	I	880	0.11%	NO
NA	OLD DIXIE HIGHWAY	PARK AVENUE	SILVER BEACH ROAD	3%	2	4D	I	1960	0.10%	NO
2808	OLD DIXIE HIGHWAY	SILVER BEACH ROAD	BLUE HERON BOULEVARD	5%	4	4D	II	1770	0.23%	NO
2810	OLD DIXIE HIGHWAY	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVA	10%	7	4D	II	1770	0.40%	NO
3302	OLD DIXIE HIGHWAY	MARTIN LUTHER KING JR BOULEVA	45TH STREET	10%	7	5	II	1770	0.40%	NO
NA	BROADWAY	PARK AVENUE	SILVER BEACH ROAD	1%	1	5	II	1770	0.06%	NO
NA	BROADWAY	SILVER BEACH ROAD	BLUE HERON BOULEVARD	1%	1	4D	II	1770	0.06%	NO
2818	BROADWAY	BLUE HERON BOULEVARD	13TH STREET	1%	1	4D	II	1770	0.06%	NO

**TABLE 6**  
**PM PEAK HOUR - TEST 1**

2020 BUILD OUT  
2 MILE RADIUS OF DEVELOPMENT INFLUENCE  
TOTAL PM PEAK HOUR PROJECT TRIPS (ENTERING) = 58  
TOTAL PM PEAK HOUR PROJECT TRIPS (EXITING) = 74

ROADWAY	FROM	TO	DIRECTION	2010 PM PEAK HOUR TRAFFIC	PROJECT DISTRIBUTION	PM PEAK HOUR PROJECT TRIPS	LINK GROWTH RATE	LINK GROWTH	MAJOR PROJECT	1.0% GROWTH	TOTAL BACKGROUND TRAFFIC USED	2020 TOTAL TRAFFIC	ASSURED LANES	CLASS	LOS D	MEETS LOS STD.
BLUE HERON BOULEVARD	CONGRESS AVENUE	SITE	EB	1259	10%	6	1.57%	40	206	25	231	1496	6D	II	2650	YES
			WB	1685	10%	7	1.57%	53	241	33	274	1946	6D	II	2650	YES



## **APPENDIX B**

**PBC TPS DATABASE**  
**2020 BUILD-OUT**  
**LINK & INTERSECTION VOLUME SHEETS**  
**(WITH APPROVED COMMITTED TRIPS)**

Input Data

ROAD NAME: Blue Heron Blvd W	STATION: 2607	Report Created
CURRENT YEAR: 2016	FROM: N Congress Ave	06/13/2018
ANALYSIS YEAR: 2020	TO: Midpoint	
GROWTH RATE: 1.57%	COUNT DATE: 01/25/2016	
	PSF: 1	

Time Period Direction	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	2622	1553	1136	2819	1235	1619
Peak Volume	2622	1553	1136	2819	1235	1619
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	2622	1553	1136	2819	1235	1619

Committed Developments							Type	% Complete
Parcel 34.01 A	0	0	0	0	0	0	NR	100%
Parcel 34.03 C	0	0	0	0	0	0	NR	100%
Lake Shore Apartment	0	0	0	0	0	0	Res	100%
Northlake Square East	0	0	0	0	0	0	NR	100%
Wal-Mart # 3348	0	0	0	0	0	0	NR	100%
Sierra Bay Apartments	0	0	0	0	0	0	Res	100%
EZ Weid	21	17	3	25	5	21	NR	0%
JFK Middle School	0	0	0	0	0	0	NR	100%
Triangle Commerce	13	9	4	18	6	12	NR	20%
Commerce Bank City of Riviera Beach	0	0	0	0	0	0	NR	100%
Lewis Terminal	0	0	0	0	0	0	NR	100%
Sonic Restaurant	0	0	0	0	0	0	NR	100%
Walmart - 45th St	0	0	0	0	0	0	NR	100%
Village Shoppes II	33	14	18	70	36	34	NR	30%
Enterprise Rent-A-Car	0	0	0	0	0	0	NR	100%
Palm Beach Outlets	3	1	2	16	8	8	NR	72%
Sun Coast High School	0	0	0	0	0	0	NR	100%
Congress Business Park	22	10	12	40	22	19	NR	25%
Community Learning Outreach Center	13	6	7	3	1	1	NR	0%
Avenue L Retail	1	1	0	34	16	18	NR	0%
Public Safety & Public Works Complex	22	19	4	23	7	16	NR	30%
7-Eleven Blue Heron	18	9	9	17	9	9	NR	0%
Champs Charter School	21	12	9	9	3	6	NR	0%
Avenir	10	5	5	13	6	7	Res	0%
Atkins Daycare	27	15	13	28	13	15	NR	0%
Riviera Beach Retail Center	34	18	16	117	57	60	NR	0%
Altec Riviera Beach	11	3	8	12	6	6	NR	0%
7-Eleven-2100 45th St.	1	1	1	4	2	2	NR	66%
WAWA - Blue Heron & Garden	8	4	4	8	4	4	NR	78%
FPL Distribution Center	4	1	4	3	3	1	NR	34%
7-Eleven	4	2	2	4	2	2	NR	35%
Heron Lakes Senior Center	3	2	1	4	2	2	Res	0%
<b>Total Committed Developments</b>	<b>269</b>	<b>149</b>	<b>122</b>	<b>448</b>	<b>208</b>	<b>243</b>		
Total Committed Residential	13	7	6	17	8	9		
Total Committed Non-Residential	256	142	116	431	200	234		
Double Count Reduction	3	2	2	4	2	2		
<b>Total Discounted Committed Developments</b>	<b>266</b>	<b>147</b>	<b>120</b>	<b>444</b>	<b>206</b>	<b>241</b>		
Historical Growth	168	100	73	181	79	104		
Comm Dev+1% Growth	372	210	166	558	256	307		
Growth Volume Used	372	210	166	558	256	307		
Total Volume	2994	1763	1302	3377	1491	1926		

Lanes	6LD					
LOS D Capacity	4880	2680	2680	4880	2680	2680
Link Meets Test 1?	YES	YES	YES	YES	YES	YES
LOS E Capacity	5150	2830	2830	5150	2830	2830
Link Meets Test 2?	YES	YES	YES	YES	YES	YES

A	B	C	D	E	F	G	H	I
Input Data								
ROAD NAME: Blue Heron Blvd W			STATION: 2607			Report Created		
CURRENT YEAR: 2016			FROM: MIDPOINT			06/13/2018		
ANALYSIS YEAR: 2020			TO: Australian Ave					
GROWTH RATE: 1.57%			COUNT DATE: 01/25/2016					
PSF: 1								

Link Analysis

Time Period Direction	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	2622	1553	1136	2819	1235	1619
Peak Volume	2622	1553	1136	2819	1235	1619
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	2622	1553	1136	2819	1235	1619

Committed Developments							Type	% Complete
Parcel 34.01 A	0	0	0	0	0	0	NR	100%
Parcel 34.03 C	0	0	0	0	0	0	NR	100%
Lake Shore Apartment	0	0	0	0	0	0	Res	100%
Northlake Square East	0	0	0	0	0	0	NR	100%
Wal-Mart # 3348	0	0	0	0	0	0	NR	100%
Sierra Bay Apartments	0	0	0	0	0	0	Res	100%
EZ Weld	21	17	3	25	5	21	NR	0%
JFK Middle School	0	0	0	0	0	0	NR	100%
Triangle Commerce	13	9	4	18	6	12	NR	20%
Commerce Bank City of Riviera Beach	0	0	0	0	0	0	NR	100%
Lewis Terminal	0	0	0	0	0	0	NR	100%
Sonic Restaurant	0	0	0	0	0	0	NR	100%
Walmart - 45th St	0	0	0	0	0	0	NR	100%
Village Shoppes II	33	14	18	70	36	34	NR	30%
Enterprise Rent-A-Car	0	0	0	0	0	0	NR	100%
Palm Beach Outlets	3	1	2	16	8	8	NR	72%
Sun Coast High School	0	0	0	0	0	0	NR	100%
Congress Business Park	22	10	12	40	22	19	NR	25%
Community Learning Outreach Center	13	6	7	3	1	1	NR	0%
Avenue L Retail	1	1	0	34	16	18	NR	0%
Public Safety & Public Works Complex	22	19	4	23	7	16	NR	30%
7-Eleven Blue Heron	18	9	9	17	9	9	NR	0%
Champs Charter School	21	12	9	9	3	6	NR	0%
Avenir	10	5	5	13	6	7	Res	0%
Atkins Daycare	14	6	7	14	7	7	NR	0%
Riviera Beach Retail Center	19	9	10	63	32	31	NR	0%
Altec Riviera Beach	11	3	8	12	6	6	NR	0%
7-Eleven-2100 45th St.	1	1	1	4	2	2	NR	66%
WAWA - Blue Heron & Garden	8	4	4	8	4	4	NR	78%
FPL Distribution Center	4	1	4	3	3	1	NR	34%
7-Eleven	4	2	2	4	2	2	NR	35%
Heron Lakes Senior Center	3	2	1	4	2	2	Res	0%
Total Committed Developments	241	131	110	380	177	206		
Total Committed Residential	13	7	6	17	8	9		
Total Committed Non-Residential	228	124	104	363	169	197		
Double Count Reduction	3	2	2	4	2	2		
Total Discounted Committed Developments	238	129	108	376	175	204		
Historical Growth	168	100	73	181	79	104		
Comm Dev+1% Growth	344	192	154	490	225	270		
Growth Volume Used	344	192	154	490	225	270		
Total Volume	2966	1745	1290	3309	1460	1889		

Lanes	GLD					
LOS D Capacity	4880	2680	2680	4880	2680	2680
Link Meets Test 1?	YES	YES	YES	YES	YES	YES
LOS E Capacity	5150	2830	2830	5150	2830	2830
Link Meets Test 2?	YES	YES	YES	YES	YES	YES

**A**                      **B** **C** **D** **E** **F** **G** **H** **I** **J** **K**                      **L**                      **M** **N**                      **O**  
 Input Data  
 E-W Street: Blue Heron Blvd W                      COUNT DATE: 01/07/2015                      Report Created  
 N-S STREET: Congress Ave                      CURRENT YEAR: 2015                      06/12/2018  
 TIME PERIOD: AM                      ANALYSIS YEAR: 2020  
 GROWTH RATE: 3.46%                      PSF: 1  
 SIGNAL ID: 20176

Intersection Volume Development

	Eastbound			Westbound			Northbound			Southbound			Type	% Complete
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		
Existing Volume	319	1339	123	184	918	77	154	399	131	151	305	396		
Diversions	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Peak Season Volume	319	1339	123	184	918	77	154	399	131	151	305	396		
Committed Developments														
Altec Riviera Beach	0	0	0	0	0	0	0	0	0	0	0	0	NR	0%
Avenir	0	0	0	0	0	0	0	0	0	0	0	0	Res	0%
7-Eleven-2100 45th St.	0	0	0	0	0	0	0	0	0	0	0	0	NR	66%
Village Shoppes II	15	15	0	0	18	0	0	0	0	0	0	18	NR	30%
Riviera Beach Retail Center	0	0	0	0	0	0	0	0	0	0	0	0	NR	100%
Community Learning Outreach Center	32	0	0	0	0	7	0	0	0	6	0	26	NR	0%
WAWA - Blue Heron & Garden	0	0	0	0	0	0	0	0	0	0	0	0	NR	100%
Congress Business Park	26	0	0	0	0	14	0	47	0	11	37	20	NR	15%
Triangle Commerce	0	0	0	0	0	0	0	0	0	0	0	0	NR	20%
Palm Beach Outlets	0	0	0	0	0	0	0	0	0	0	0	0	NR	100%
Public Safety & Public Works Complex	0	9	9	0	2	3	2	3	0	14	14	0	NR	30%
EZ Weld	0	0	0	0	0	0	0	0	0	0	0	0	NR	0%
<b>Total Committed Developments</b>	<b>73</b>	<b>24</b>	<b>9</b>	<b>0</b>	<b>20</b>	<b>24</b>	<b>2</b>	<b>50</b>	<b>0</b>	<b>31</b>	<b>51</b>	<b>64</b>		
Total Committed Residential	0	0	0	0	0	0	0	0	0	0	0	0		
Total Committed Non-Residential	73	24	9	0	20	24	2	50	0	31	51	64		
Double Count Reduction	0	0	0	0	0	0	0	0	0	0	0	0		
Total Discounted Committed	73	24	9	0	20	24	2	50	0	31	51	64		
Historical Growth	59	248	23	34	170	14	29	74	24	28	57	73		
Comm Dev+1% Growth	89	92	15	9	67	28	10	70	7	39	67	84		
Growth Volume Used	89	248	23	34	170	28	29	74	24	39	67	84		
Total Volume	408	1587	146	218	1088	105	183	473	155	190	372	480		

**A**                      **B** **C** **D** **E** **F** **G** **H** **I** **J** **K**                      **L**                      **M** **N**                      **O**  
 Input Data  
 E-W Street: Blue Heron Blvd W                      COUNT DATE: 01/07/2015                      Report Created  
 N-S STREET: Congress Ave                      CURRENT YEAR: 2015                      06/12/2018  
 TIME PERIOD: PM                      ANALYSIS YEAR: 2020  
 GROWTH RATE: 3.46%                      PSF: 1  
 SIGNAL ID: 20176

Intersection Volume Development

	Eastbound			Westbound			Northbound			Southbound			Type	% Complete
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		
Existing Volume	364	1289	93	187	1311	190	313	658	127	166	330	325		
Diversions	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Peak Season Volume	364	1289	93	187	1311	190	313	658	127	166	330	325		
Committed Developments														
Altec Riviera Beach	0	0	0	0	0	0	0	0	0	0	0	0	NR	0%
Avenir	0	0	0	0	0	0	0	0	0	0	0	0	Res	0%
7-Eleven-2100 45th St.	0	0	0	0	0	0	0	0	0	0	0	0	NR	66%
Village Shoppes II	36	36	0	0	34	0	0	0	0	0	0	34	NR	30%
Riviera Beach Retail Center	0	0	0	0	0	0	0	0	0	0	0	0	NR	100%
Enterprise Rent-A-Car	0	0	0	0	0	0	0	0	0	0	0	0	NR	55%
Community Learning Outreach Center	0	0	0	0	0	0	0	0	0	0	0	0	NR	0%
WAWA - Blue Heron & Garden	0	0	0	0	0	0	0	0	0	0	0	0	NR	100%
Congress Business Park	39	0	0	0	0	21	0	71	0	25	82	45	NR	15%
Triangle Commerce	0	0	0	0	0	0	0	0	0	0	0	0	NR	20%
Palm Beach Outlets	0	0	0	0	0	0	0	0	0	0	0	0	NR	100%
Public Safety & Public Works Complex	0	0	0	0	0	0	0	0	0	0	0	0	NR	30%
EZ Weld	0	0	0	0	0	0	0	0	0	0	0	0	NR	0%
<b>Total Committed Developments</b>	<b>75</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>34</b>	<b>21</b>	<b>0</b>	<b>71</b>	<b>0</b>	<b>25</b>	<b>82</b>	<b>79</b>		
Total Committed Residential	0	0	0	0	0	0	0	0	0	0	0	0		
Total Committed Non-Residential	75	36	0	0	34	21	0	71	0	25	82	79		
Double Count Reduction	0	0	0	0	0	0	0	0	0	0	0	0		
Total Discounted Committed	75	36	0	0	34	21	0	71	0	25	82	79		
Historical Growth	67	239	17	35	243	35	58	122	24	31	61	60		
Comm Dev+1% Growth	94	102	5	10	101	31	16	105	6	33	99	96		
Growth Volume Used	94	239	17	35	243	35	58	122	24	33	99	96		
Total Volume	458	1528	110	222	1554	225	371	780	151	199	429	421		

Note: Updated the % Complete values and removed insignificant trips.



A B C D E F G H I J K L M N O  
 Input Data  
 E-W Street: Blue Heron Blvd W COUNT DATE: 01/07/2015 Report Created  
 N-S STREET: Congress Ave CURRENT YEAR: 2015 06/12/2018  
 TIME PERIOD: AM ANALYSIS YEAR: 2020  
 GROWTH RATE: 3.46% PSF: 1  
 SIGNAL ID: 20176

Intersection Volume Development

	Eastbound			Westbound			Northbound			Southbound			Type	% Complete
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		
Existing Volume	319	1339	123	184	918	77	154	399	131	151	305	396		
Diversions	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Peak Season Volume	319	1339	123	184	918	77	154	399	131	151	305	396		
Committed Developments														
Altec Riviera Beach	0	0	3	3	0	0	1	1	1	0	3	0	NR	0%
Avenir	0	6	0	0	6	0	0	0	0	0	0	0	Res	0%
7-Eleven-2100 45th St.	0	0	2	1	0	0	1	0	1	0	0	0	NR	66%
Village Shoppes II	15	15	0	0	18	0	0	0	0	0	0	18	NR	30%
Riviera Beach Retail Center	0	11	0	4	10	3	0	0	4	3	0	0	NR	0%
Community Learning Outreach Center	32	0	0	0	0	7	0	0	0	6	0	26	NR	0%
WAWA - Blue Heron & Garden	3	4	1	0	4	0	1	0	0	0	0	3	NR	78%
Congress Business Park	26	0	0	0	0	14	0	47	0	11	37	20	NR	15%
Triangle Commerce	2	0	1	1	0	2	2	0	2	6	0	6	NR	20%
Palm Beach Outlets	2	2	0	3	3	0	0	5	2	0	8	3	NR	62%
Public Safety & Public Works Complex	0	9	9	0	2	3	2	3	0	14	14	0	NR	30%
EZ Weld	0	16	1	0	3	0	0	0	0	2	1	0	NR	0%
Total Committed Developments	80	63	17	12	46	29	7	56	10	42	63	76		
Total Committed Residential	0	6	0	0	6	0	0	0	0	0	0	0		
Total Committed Non-Residential	80	57	17	12	40	29	7	56	10	42	63	76		
Double Count Reduction	0	2	0	0	2	0	0	0	0	0	0	0		
Total Discounted Committed	80	61	17	12	44	29	7	56	10	42	63	76		
Historical Growth	59	248	23	34	170	14	29	74	24	28	57	73		
Comm Dev+1% Growth	96	129	23	21	91	33	15	76	17	50	79	96		
Growth Volume Used	96	248	23	34	170	33	29	76	24	50	79	96		
Total Volume	415	1587	146	218	1088	110	183	475	155	201	384	492		

E-W Street: Blue Heron Blvd W COUNT DATE: 01/07/2015 Report Created  
 N-S STREET: Congress Ave CURRENT YEAR: 2015 06/12/2018  
 TIME PERIOD: PM ANALYSIS YEAR: 2020  
 GROWTH RATE: 3.46% PSF: 1  
 SIGNAL ID: 20176

Intersection Volume Development

	Eastbound			Westbound			Northbound			Southbound			Type	% Complete
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		
Existing Volume	364	1289	93	187	1311	190	313	658	127	166	390	325		
Diversions	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Peak Season Volume	364	1289	93	187	1311	190	313	658	127	166	390	325		
Committed Developments														
Altec Riviera Beach	0	0	2	2	0	0	2	2	2	0	2	0	NR	0%
Avenir	0	7	0	0	9	0	0	0	0	0	0	0	Res	0%
7-Eleven-2100 45th St.	0	0	3	2	0	0	4	0	2	0	0	0	NR	66%
Village Shoppes II	36	36	0	0	34	0	0	0	0	0	0	34	NR	30%
Riviera Beach Retail Center	0	35	0	14	37	9	0	0	13	9	0	0	NR	0%
Enterprise Rent-A-Car	1	2	1	0	2	0	1	0	0	0	0	1	NR	55%
Community Learning Outreach Center	6	0	0	0	0	1	0	0	0	1	0	7	NR	0%
WAWA - Blue Heron & Garden	3	4	1	0	4	0	1	0	0	0	0	3	NR	78%
Congress Business Park	39	0	0	0	0	21	0	71	0	25	82	45	NR	15%
Triangle Commerce	7	0	2	2	0	7	2	0	2	4	0	4	NR	20%
Palm Beach Outlets	12	12	0	12	12	0	0	33	12	0	31	12	NR	62%
Public Safety & Public Works Complex	0	4	4	0	8	12	8	12	0	6	6	0	NR	30%
EZ Weld	0	5	0	0	19	3	1	1	0	1	0	0	NR	0%
Total Committed Developments	104	105	13	32	125	58	19	119	31	46	121	106		
Total Committed Residential	0	7	0	0	9	0	0	0	0	0	0	0		
Total Committed Non-Residential	104	98	13	32	116	58	19	119	31	46	121	106		
Double Count Reduction	0	2	0	0	2	0	0	0	0	0	0	0		
Total Discounted Committed	104	103	13	32	123	58	19	119	31	46	121	106		
Historical Growth	67	239	17	35	243	35	58	122	24	31	61	60		
Comm Dev+1% Growth	123	169	18	42	190	63	35	153	37	54	138	123		
Growth Volume Used	123	239	18	42	243	63	58	153	37	54	138	123		
Total Volume	487	1528	111	229	1554	253	371	811	164	220	468	448		

**A**                    **B** **C** **D** **E** **F** **G** **H** **I** **J** **K**                    **L**                    **M** **N**                    **O**  
 Input Data  
 E-W Street: Blue Heron Blvd W                    COUNT DATE: 01/08/2015                    Report Created  
 N-S STREET: Australian Ave                    CURRENT YEAR: 2015                    06/13/2018  
 TIME PERIOD: AM                    ANALYSIS YEAR: 2020  
 GROWTH RATE: 4.45%                    PSF: 1  
 SIGNAL ID: 20230

Intersection Volume Development

	Eastbound			Westbound			Northbound			Southbound			Type	% Complete
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		
Existing Volume	0	985	329	314	629	0	220	0	222	0	0	0		
Diversions	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Peak Season Volume	0	985	329	314	629	0	220	0	222	0	0	0		
Committed Developments														
Avenue L Retail	0	1	0	0	0	0	0	0	0	0	0	0	NR	0%
Avenir	0	6	0	0	6	0	0	0	0	0	0	0	Res	0%
7-Eleven Blue Heron	0	9	2	0	9	0	2	0	0	0	0	0	NR	0%
Village Shoppes II	0	15	0	0	18	0	0	0	0	0	0	0	NR	30%
Riviera Beach Retail Center	0	0	4	4	0	0	4	0	4	0	0	0	NR	0%
Champs Charter School	0	12	1	0	9	0	1	0	0	0	0	0	NR	0%
Congress Business Park	0	6	6	0	7	0	7	0	0	0	0	0	NR	15%
WAWA - Blue Heron & Garden	0	1	1	0	1	0	1	0	0	0	0	0	NR	78%
Palm Beach Outlets	0	2	0	3	3	0	0	0	2	0	0	0	NR	62%
Public Safety & Public Works Complex	0	0	18	13	0	0	4	0	3	0	0	0	NR	30%
EZ Weld	0	9	9	0	2	0	2	0	0	0	0	0	NR	0%
Total Committed Developments	0	61	41	20	55	0	21	0	9	0	0	0		
Total Committed Residential	0	6	0	0	6	0	0	0	0	0	0	0		
Total Committed Non-Residential	0	55	41	20	49	0	21	0	9	0	0	0		
Double Count Reduction	0	2	0	0	2	0	0	0	0	0	0	0		
Total Discounted Committed	0	59	41	20	53	0	21	0	9	0	0	0		
Historical Growth	0	240	80	76	153	0	54	0	54	0	0	0		
Comm Dev+1% Growth	0	109	58	36	85	0	32	0	20	0	0	0		
Growth Volume Used	0	240	80	76	153	0	54	0	54	0	0	0		
Total Volume	0	1225	409	390	782	0	274	0	276	0	0	0		

Input Data  
 E-W Street: Blue Heron Blvd W                    COUNT DATE: 01/08/2015                    Report Created  
 N-S STREET: Australian Ave                    CURRENT YEAR: 2015                    06/13/2018  
 TIME PERIOD: PM                    ANALYSIS YEAR: 2020  
 GROWTH RATE: 4.45%                    PSF: 1  
 SIGNAL ID: 20230

Intersection Volume Development

	Eastbound			Westbound			Northbound			Southbound			Type	% Complete
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		
Existing Volume	8	813	187	234	1195	0	550	0	242	0	0	0		
Diversions	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Peak Season Volume	8	813	187	234	1195	0	550	0	242	0	0	0		
Committed Developments														
Avenue L Retail	0	16	0	12	18	0	0	0	11	0	0	0	NR	0%
Avenir	0	7	0	0	9	0	0	0	0	0	0	0	Res	0%
7-Eleven Blue Heron	0	9	2	0	9	0	2	0	0	0	0	0	NR	0%
Village Shoppes II	0	36	0	0	34	0	0	0	0	0	0	0	NR	30%
Riviera Beach Retail Center	0	0	14	14	0	0	13	0	13	0	0	0	NR	0%
Champs Charter School	0	3	0	0	6	0	0	0	0	0	0	0	NR	0%
Congress Business Park	0	12	12	0	11	0	11	0	0	0	0	0	NR	15%
WAWA - Blue Heron & Garden	0	1	1	0	1	0	1	0	0	0	0	0	NR	78%
Palm Beach Outlets	0	12	0	12	12	0	0	0	12	0	0	0	NR	62%
Public Safety & Public Works Complex	0	0	7	5	0	0	15	0	11	0	0	0	NR	30%
EZ Weld	0	3	3	0	11	0	11	0	0	0	0	0	NR	0%
Total Committed Developments	0	99	39	43	111	0	53	0	47	0	0	0		
Total Committed Residential	0	7	0	0	9	0	0	0	0	0	0	0		
Total Committed Non-Residential	0	92	39	43	102	0	53	0	47	0	0	0		
Double Count Reduction	0	2	0	0	2	0	0	0	0	0	0	0		
Total Discounted Committed	0	97	39	43	109	0	53	0	47	0	0	0		
Historical Growth	2	198	45	57	291	0	134	0	59	0	0	0		
Comm Dev+1% Growth	0	138	49	55	170	0	81	0	59	0	0	0		
Growth Volume Used	2	198	49	57	291	0	134	0	59	0	0	0		
Total Volume	10	1011	236	291	1486	0	684	0	301	0	0	0		

## **APPENDIX C**

### **TEST 1 PART 1: INTERSECTION ANALYSIS**



2017 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL  
 CATEGORY: 9301 CEN.-W OF US1 TO SR7

MOCF: 0.96  
 PSCF

WEEK	DATES	SF	PSCF
1	01/01/2017 - 01/07/2017	0.98	1.02
2	01/08/2017 - 01/14/2017	0.98	1.02
3	01/15/2017 - 01/21/2017	0.98	1.02
4	01/22/2017 - 01/28/2017	0.98	1.02
* 5	01/29/2017 - 02/04/2017	0.97	1.01
* 6	02/05/2017 - 02/11/2017	0.96	1.00
* 7	02/12/2017 - 02/18/2017	0.95	0.99
* 8	02/19/2017 - 02/25/2017	0.95	0.99
* 9	02/26/2017 - 03/04/2017	0.95	0.99
*10	03/05/2017 - 03/11/2017	0.95	0.99
*11	03/12/2017 - 03/18/2017	0.94	0.98
*12	03/19/2017 - 03/25/2017	0.95	0.99
*13	03/26/2017 - 04/01/2017	0.95	0.99
*14	04/02/2017 - 04/08/2017	0.96	1.00
*15	04/09/2017 - 04/15/2017	0.96	1.00
*16	04/16/2017 - 04/22/2017	0.97	1.01
*17	04/23/2017 - 04/29/2017	0.97	1.01
18	04/30/2017 - 05/06/2017	0.98	1.02
19	05/07/2017 - 05/13/2017	0.98	1.02
20	05/14/2017 - 05/20/2017	0.99	1.03
21	05/21/2017 - 05/27/2017	1.00	1.04
22	05/28/2017 - 06/03/2017	1.01	1.05
23	06/04/2017 - 06/10/2017	1.02	1.06
24	06/11/2017 - 06/17/2017	1.03	1.07
25	06/18/2017 - 06/24/2017	1.04	1.08
26	06/25/2017 - 07/01/2017	1.05	1.09
27	07/02/2017 - 07/08/2017	1.05	1.09
28	07/09/2017 - 07/15/2017	1.06	1.10
29	07/16/2017 - 07/22/2017	1.05	1.09
30	07/23/2017 - 07/29/2017	1.04	1.08
31	07/30/2017 - 08/05/2017	1.03	1.07
32	08/06/2017 - 08/12/2017	1.02	1.06
33	08/13/2017 - 08/19/2017	1.02	1.06
34	08/20/2017 - 08/26/2017	1.05	1.09
35	08/27/2017 - 09/02/2017	1.09	1.14
36	09/03/2017 - 09/09/2017	1.12	1.17
37	09/10/2017 - 09/16/2017	1.15	1.20
38	09/17/2017 - 09/23/2017	1.12	1.17
39	09/24/2017 - 09/30/2017	1.09	1.14
40	10/01/2017 - 10/07/2017	1.05	1.09
41	10/08/2017 - 10/14/2017	1.02	1.06
42	10/15/2017 - 10/21/2017	0.99	1.03
43	10/22/2017 - 10/28/2017	0.99	1.03
44	10/29/2017 - 11/04/2017	0.99	1.03
45	11/05/2017 - 11/11/2017	0.99	1.03
46	11/12/2017 - 11/18/2017	0.99	1.03
47	11/19/2017 - 11/25/2017	0.99	1.03
48	11/26/2017 - 12/02/2017	0.98	1.02
49	12/03/2017 - 12/09/2017	0.98	1.02
50	12/10/2017 - 12/16/2017	0.98	1.02
51	12/17/2017 - 12/23/2017	0.98	1.02
52	12/24/2017 - 12/30/2017	0.98	1.02
53	12/31/2017 - 12/31/2017	0.98	1.02

\* PEAK SEASON

02-MAR-2018 15:35:06

830UPD

4\_9301\_PKSEASON.TXT

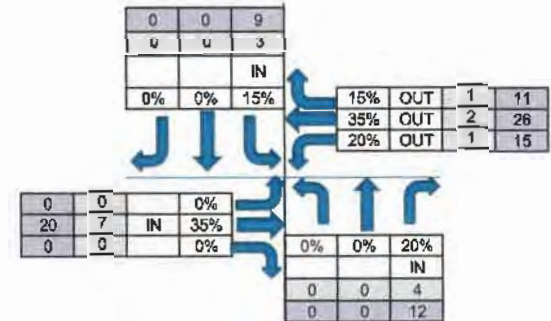
**CMA INTERSECTION ANALYSIS  
BLUE HERON COMMERCIAL  
BLUE HERON BOULEVARD AT CONGRESS AVENUE**

06/12/18

TRIPS		
	IN	OUT
AM	20	7
PM	58	74

INPUT DATA			
Comments:			
Growth Rate =	3.46%	Peak Season =	1.02
Current Year =	2017	Buildout Year =	2020

AM Peak Hour													
INTERSECTION VOLUME DEVELOPMENT													
	Northbound			Southbound			Eastbound			Westbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Existing Volume (2017)	244	490	133	161	343	516	418	1942	160	125	968	86	
Peak Season Adjustment	5	10	3	3	7	10	8	39	3	3	19	2	
Background Traffic Growth	27	54	15	18	38	57	46	213	18	14	106	9	
1.0% Background Growth	8	15	4	5	11	16	13	60	5	4	30	3	
Major Projects Traffic	2	50	0	31	51	64	73	24	9	0	20	24	
Background Growth Used	27	54	15	18	38	57	46	213	18	14	106	9	
Project Traffic	0	0	4	3	0	0	7	0	1	2	1		
<b>Total</b>	<b>276</b>	<b>553</b>	<b>154</b>	<b>185</b>	<b>387</b>	<b>583</b>	<b>472</b>	<b>2201</b>	<b>181</b>	<b>142</b>	<b>1095</b>	<b>98</b>	
<b>Approach Total</b>	<b>983</b>			<b>1,155</b>			<b>2,854</b>			<b>1,336</b>			
CRITICAL VOLUME ANALYSIS													
No. of Lanes	2	2	1	2	2	1	2	3	1	1	3	1	
Per Lane Volume	138	277	154	92	194	583	236	734	181	142	365	98	
Right on Red			60			60			60			60	
Overlaps Left			142			236			138			92	
Adj. Per Lane Volume	138	277	0	92	194	287	236	734	0	142	365	0	
Through/Right Volume		277			194			734			365		
Oposing Left Turns		92			138			142			236		
Critical Volume for Approach		369			332			876			601		
Critical Volume for Direction			369						876				
<b>Intersection Critical Volume</b>							<b>1,245</b>						
<b>STATUS?</b>	<b>NEAR</b>												



PM Peak Hour													
INTERSECTION VOLUME DEVELOPMENT													
	Northbound			Southbound			Eastbound			Westbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Existing Volume (2017)	215	702	127	224	497	397	525	776	85	205	1504	189	
Peak Season Adjustment	4	14	3	4	10	8	11	16	2	4	30	4	
Background Traffic Growth	24	77	14	25	54	44	58	85	9	22	165	21	
1.0% Background Growth	7	22	4	7	15	12	16	24	3	6	46	8	
Major Projects Traffic	0	71	0	25	82	79	75	36	0	0	34	21	
Background Growth Used	24	77	14	25	54	44	58	85	9	22	165	21	
Project Traffic	0	0	12	9	0	0	0	20	0	15	26	11	
<b>Total</b>	<b>243</b>	<b>793</b>	<b>155</b>	<b>262</b>	<b>561</b>	<b>448</b>	<b>593</b>	<b>897</b>	<b>96</b>	<b>247</b>	<b>1725</b>	<b>224</b>	
<b>Approach Total</b>	<b>1,191</b>			<b>1,272</b>			<b>1,586</b>			<b>2,196</b>			
CRITICAL VOLUME ANALYSIS													
No. of Lanes	2	2	1	2	2	1	2	3	1	1	3	1	
Per Lane Volume	121	396	155	131	281	448	297	299	96	247	575	224	
Right on Red			60			60			60			60	
Overlaps Left			247			297			121			131	
Adj. Per Lane Volume	121	396	0	131	281	92	297	299	0	247	575	33	
Through/Right Volume		396			281			299			575		
Oposing Left Turns		131			121			247			297		
Critical Volume for Approach		527			402			545			871		
Critical Volume for Direction			527						871				
<b>Intersection Critical Volume</b>							<b>1,399</b>						
<b>STATUS?</b>	<b>NEAR</b>												

SIGNAL ID	E-W STREET	N-S STREET	DATE	TIME	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	TOTAL
20228	Blue Heron Bl	Ave O	12/6/2017	7:30 AM	1	11	1	2	0	81	1	61	8	45	1353	31	9	9	898	55	2666
20228	Blue Heron Bl	Ave O	12/6/2017	12:00 PM	0	14	0	3	0	43	0	31	31	46	911	13	4	10	1132	34	2272
20228	Blue Heron Bl	Ave O	12/6/2017	4:30 PM	0	18	1	3	0	71	0	51	46	87	1121	5	2	4	1635	65	3109
20228	Blue Heron Bl	Ave O	10/15/2015	7:30 AM	0	40	1	3	1	60	0	63	7	69	1277	30	7	13	885	41	2497
20228	Blue Heron Bl	Ave O	10/15/2015	4:30 PM	0	25	0	25	0	79	1	78	23	48	1038	2	0	2	1451	69	2841
20228	Blue Heron Bl	Ave O	4/17/2013	7:30 AM	0	54	2	3	0	64	1	64	6	48	1263	38	8	5	835	50	2439
20228	Blue Heron Bl	Ave O	4/17/2013	4:30 PM	0	13	0	6	0	68	1	68	26	76	936	9	2	5	1562	69	2841
20226	Blue Heron Bl	Ave S	12/6/2017	7:45 AM	0	48	86	80	1	57	72	98	1	49	1388	60	18	67	921	23	2969
20226	Blue Heron Bl	Ave S	12/6/2017	12:15 PM	0	29	35	32	0	51	35	61	0	34	880	56	17	48	1067	17	2362
20226	Blue Heron Bl	Ave S	12/6/2017	4:45 PM	0	47	70	62	0	75	56	117	0	98	1087	62	38	65	1527	35	3339
20226	Blue Heron Bl	Ave S	10/15/2015	7:45 AM	0	51	80	78	0	63	77	123	0	65	1353	47	10	74	901	23	2945
20226	Blue Heron Bl	Ave S	10/15/2015	4:45 PM	0	110	41	73	0	84	66	94	0	63	1141	41	5	66	1471	51	3306
20226	Blue Heron Bl	Ave S	4/24/2013	7:30 AM	0	36	93	84	0	42	53	92	0	47	1528	67	7	39	975	11	3074
20226	Blue Heron Bl	Ave S	4/24/2013	2:30 PM	0	49	65	94	0	57	49	60	0	56	1016	38	8	53	1087	30	2662
20226	Blue Heron Bl	Ave S	4/24/2013	4:45 PM	0	44	72	47	0	79	82	109	0	82	919	42	18	45	1329	45	2913
20270	Blue Heron Bl	Broadway/US 1	10/24/2017	7:45 AM	0	94	465	162	0	174	872	106	0	140	403	149	0	168	309	102	3146
20270	Blue Heron Bl	Broadway/US 1	10/24/2017	12:00 PM	0	134	440	178	0	188	457	148	0	176	360	81	0	160	354	161	2835
20270	Blue Heron Bl	Broadway/US 1	10/24/2017	4:45 PM	0	179	815	164	3	173	589	148	0	205	379	98	0	227	401	121	3503
20270	Blue Heron Bl	Broadway/US 1	9/8/2014	7:45 AM	0	107	299	100	0	62	627	80	0	129	340	116	0	173	293	82	2408
20270	Blue Heron Bl	Broadway/US 1	9/8/2014	4:45 PM	0	132	579	110	4	160	464	100	0	178	349	46	0	175	480	93	2850
20176	Blue Heron Bl	Congress Ave	11/27/2017	7:30 AM	0	244	490	133	13	148	343	516	6	412	1942	160	1	124	968	86	5586
20176	Blue Heron Bl	Congress Ave	11/27/2017	12:00 PM	3	168	427	81	28	134	297	313	9	266	1139	75	0	163	738	214	4055
20176	Blue Heron Bl	Congress Ave	11/27/2017	4:30 PM	2	213	702	127	33	191	497	397	10	515	776	85	4	201	1504	189	5446
20176	Blue Heron Bl	Congress Ave	1/7/2015	7:30 AM	0	154	399	131	10	141	305	396	7	312	1339	123	36	148	918	77	4496
20176	Blue Heron Bl	Congress Ave	1/7/2015	4:30 PM	1	312	658	127	25	141	330	325	6	358	1289	93	26	161	1311	190	5353
20176	Blue Heron Bl	Congress Ave	1/21/2014	7:15 AM	3	169	262	119	7	192	340	418	3	215	1206	120	34	132	861	88	4169
20176	Blue Heron Bl	Congress Ave	1/21/2014	4:45 PM	1	229	526	163	26	202	391	373	3	368	835	105	25	171	1256	196	4870
20175	Blue Heron Bl	Garden Rd	10/20/2016	7:45 AM	0	93	89	34	5	78	80	130	21	246	1811	142	1	53	1280	77	4140
20175	Blue Heron Bl	Garden Rd	10/19/2016	12:15 PM	0	109	75	38	0	78	71	171	46	133	1148	98	1	62	1170	83	3281
20175	Blue Heron Bl	Garden Rd	10/19/2016	4:30 PM	0	176	104	30	0	103	85	329	40	123	1517	70	0	55	1802	69	4503
20175	Blue Heron Bl	Garden Rd	6/3/2014	7:45 AM	1	126	113	49	0	72	67	157	21	330	1561	190	1	69	1305	83	4145
20175	Blue Heron Bl	Garden Rd	6/3/2014	4:30 PM	0	202	74	52	0	80	73	235	53	159	1274	80	1	51	1819	51	4204
20150	Blue Heron Bl	I 95 East	11/30/2017	7:30 AM	0	589	3	1208	0	0	0	0	0	299	1384	0	0	0	1758	531	5772



**CMA INTERSECTION ANALYSIS**  
**BLUE HERON COMMERCIAL**  
**BLUE HERON BOULEVARD AT AUSTRALIAN AVENUE**

06/12/18

**TRIPS**

	IN	OUT
AM	20	7
PM	58	74

<b>INPUT DATA</b>			
<b>Comments:</b>			
Growth Rate =	4.45%	Peak Season =	1.02
Current Year =	2017	Bulldout Year =	2020

<b>AM Peak Hour</b>												
<b>INTERSECTION VOLUME DEVELOPMENT</b>												
	Northbound			Southbound			Eastbound			Westbound		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volume (2017)	214		236				4	848	332	282	741	
Peak Season Adjustment	4		5				0	19	7	6	15	
Background Traffic Growth	30		34				1	135	47	40	105	
1.0% Background Growth	7		7				0	29	10	9	23	
Major Projects Traffic	21		9				0	59	41	20	53	
Background Growth Used	30		34				1	135	47	40	105	
Project Traffic	2		0				0	1	1	0	4	
<b>Total</b>	<b>251</b>	<b>0</b>	<b>274</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1103</b>	<b>387</b>	<b>328</b>	<b>885</b>	<b>0</b>
<b>Approach Total</b>	<b>525</b>			<b>0</b>			<b>1,494</b>			<b>1,193</b>		
<b>CRITICAL VOLUME ANALYSIS</b>												
No. of Lanes	2	2	1	2	2	1	2	3	1	1	3	1
Per Lane Volume	125	0	274	0	0	0	2	368	387	328	288	0
Right on Red			60			60		60			60	
Overlaps Left			328			2		125				0
Adj. Per Lane Volume	125	0	0	0	0	0	2	368	202	328	288	0
Through/Right Volume								368			288	
Opposing Left Turns					125			328			2	
Critical Volume for Approach					125			695			291	
Critical Volume for Direction			125						695			
<b>Intersection Critical Volume</b>	<b>821</b>											
<b>STATUS?</b>	<b>UNDER</b>											

392  
288

0	0	0
0	0	0
0%	0%	0%

0%		0	0
20%	IN	4	12
0%		0	0

0	0	0%
15	1	OUT 20%
7	1	OUT 10%

10%	0%	0%
IN		
2	0	0
6	0	0

<b>PM Peak Hour</b>												
<b>INTERSECTION VOLUME DEVELOPMENT</b>												
	Northbound			Southbound			Eastbound			Westbound		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volume (2017)	468		311				9	845	202	187	1101	
Peak Season Adjustment	9		6				0	17	4	4	22	
Background Traffic Growth	67		44				1	120	29	27	157	
1.0% Background Growth	14		10				0	25	6	6	34	
Major Projects Traffic	53		47				0	97	39	43	109	
1% BGR + Major Projects	67		57				0	123	45	49	143	
Project Traffic	6		0				0	15	7	0	12	
<b>Total</b>	<b>551</b>	<b>0</b>	<b>374</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>1000</b>	<b>258</b>	<b>240</b>	<b>1278</b>	<b>0</b>
<b>Approach Total</b>	<b>925</b>			<b>0</b>			<b>1,268</b>			<b>1,518</b>		
<b>CRITICAL VOLUME ANALYSIS</b>												
No. of Lanes	2	2	1	2	2	1	2	3	1	1	3	1
Per Lane Volume	275	0	374	0	0	0	5	333	258	240	426	0
Right on Red			60			60		60			60	
Overlaps Left			240			5		275				0
Adj. Per Lane Volume	275	0	74	0	0	0	5	333	0	240	426	0
Through/Right Volume		74						333			426	
Opposing Left Turns					275			240			5	
Critical Volume for Approach			74			275		573			431	
Critical Volume for Direction			275						573			
<b>Intersection Critical Volume</b>	<b>848</b>											
<b>STATUS?</b>	<b>UNDER</b>											

444  
485

SIGNAL ID	E-W STREET	N-S STREET	DATE	TIME	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	TOTAL
29025	Belvedere Rd	SR 7	12/12/2013	5:00 PM	15	200	1437	347	16	331	1398	108	0	90	89	113	15	442	171	476	5248
29030	Belvedere Rd	Walmart/Mayacoo Lak	4/26/2018	7:30 AM	0	19	15	65	0	32	5	26	14	23	1176	22	9	103	622	34	2165
29030	Belvedere Rd	Walmart/Mayacoo Lak	4/28/2018	12:00 PM	0	100	14	102	0	29	18	33	65	59	460	36	4	138	426	27	1513
29030	Belvedere Rd	Walmart/Mayacoo Lak	4/28/2018	5:00 PM	0	58	5	98	0	22	3	13	31	33	753	22	1	141	1096	21	2297
29030	Belvedere Rd	Walmart/Mayacoo Lak	4/30/2015	7:30 AM	0	29	8	66	0	24	6	30	24	21	1087	28	10	89	568	32	2022
29030	Belvedere Rd	Walmart/Mayacoo Lak	4/30/2015	5:00 PM	0	78	7	112	0	31	2	35	61	44	593	31	1	112	932	25	2064
29030	Belvedere Rd	Walmart/Mayacoo Lak	9/11/2013	7:15 AM	0	11	1	65	0	22	3	18	21	32	1034	16	8	74	508	18	1831
29030	Belvedere Rd	Walmart/Mayacoo Lak	9/11/2013	5:00 PM	0	93	3	120	0	17	2	18	39	24	478	32	0	143	796	18	1783
28385	Benoist Farms Elem	Benoist Farms Rd	5/22/2013	7:15 AM	0	178	182	0	0	0	124	104	0	91	0	171	0	0	0	0	830
28385	Benoist Farms Elem	Benoist Farms Rd	5/22/2013	1:45 PM	0	69	190	0	0	0	155	34	0	50	0	93	0	0	0	0	591
83900	Big Lake Plaza	SR 80	4/21/2015	7:30 AM	11	54	708	48	0	95	643	41	0	65	3	22	0	48	7	58	1803
83900	Big Lake Plaza	SR 80	4/21/2015	12:00 PM	10	46	683	41	7	94	707	116	0	140	22	17	0	47	7	65	2004
83900	Big Lake Plaza	SR 80	4/21/2015	4:30 PM	8	37	777	31	14	75	887	119	0	136	10	14	0	38	4	50	2200
20110	Blue Heron Bl	42nd Way	11/27/2017	7:30 AM	0	10	1	21	0	8	5	5	4	1	1652	9	43	4	1430	11	3204
20110	Blue Heron Bl	42nd Way	11/27/2017	12:00 PM	0	15	8	18	0	21	2	4	8	5	1093	9	50	15	1030	17	2296
20110	Blue Heron Bl	42nd Way	11/27/2017	4:30 PM	0	6	5	19	0	14	3	9	5	2	1633	15	42	42	1632	15	3442
20230	Blue Heron Bl	Australian Ave	11/27/2017	7:30 AM	0	214	0	236	0	0	0	0	4	0	948	332	1	281	741	0	2757
20230	Blue Heron Bl	Australian Ave	11/27/2017	12:00 PM	3	225	0	211	0	0	0	0	9	0	754	240	0	145	788	0	2375
20230	Blue Heron Bl	Australian Ave	11/27/2017	4:30 PM	4	464	0	311	0	0	0	0	9	0	845	202	1	186	1101	0	3123
20230	Blue Heron Bl	Australian Ave	1/8/2015	7:30 AM	0	220	0	222	0	0	0	0	0	0	985	329	1	313	629	0	2699
20230	Blue Heron Bl	Australian Ave	1/8/2015	4:45 PM	0	550	0	242	0	0	0	0	6	0	813	167	1	233	1195	0	3229
20230	Blue Heron Bl	Australian Ave	1/21/2014	7:15 AM	0	199	0	181	0	0	0	0	2	0	941	334	1	288	713	0	2659
20230	Blue Heron Bl	Australian Ave	1/21/2014	4:45 PM	1	424	0	282	0	0	0	0	6	0	769	188	0	236	1126	0	3062
20260	Blue Heron Bl	Ave F	11/16/2016	7:45 AM	0	33	37	12	0	23	33	46	0	23	758	35	0	3	571	26	1600
20260	Blue Heron Bl	Ave F	11/16/2016	12:00 PM	0	39	30	13	0	19	30	27	0	27	694	23	0	7	666	24	1599
20260	Blue Heron Bl	Ave F	11/16/2016	4:45 PM	0	41	72	26	0	37	61	22	0	73	797	60	0	41	695	74	1999
20260	Blue Heron Bl	Ave F	5/27/2014	7:45 AM	0	42	24	14	0	24	48	29	0	29	639	42	0	6	483	14	1394
20260	Blue Heron Bl	Ave F	5/27/2014	4:45 PM	1	69	44	13	0	25	43	26	0	31	621	37	0	8	680	21	1621
20250	Blue Heron Bl	Ave H	11/16/2016	7:45 AM	0	31	17	12	0	21	9	123	0	138	849	17	0	2	708	27	1652
20250	Blue Heron Bl	Ave H	11/16/2016	12:30 PM	0	19	8	9	0	16	26	31	0	50	792	25	0	33	932	44	1985
20250	Blue Heron Bl	Ave H	11/16/2016	4:45 PM	0	45	31	11	0	49	46	91	0	111	959	59	0	22	781	19	2226
20250	Blue Heron Bl	Ave H	5/27/2014	7:30 AM	0	37	22	5	0	29	16	112	0	145	786	22	0	6	655	30	1867
20250	Blue Heron Bl	Ave H	5/27/2014	4:45 PM	0	22	17	16	0	32	18	67	0	74	760	45	0	17	925	27	2020

## **APPENDIX D**

### **TEST 2 ANALYSIS: LINK ANALYSIS**

**TABLE 7  
TEST 2 - PROJECT SIGNIFICANCE CALCULATION  
AM PEAK HOUR**

TEST 2 - FIVE YEAR ANALYSIS  
2 MILE RADIUS OF DEVELOPMENT INFLUENCE  
TOTAL AM PEAK HOUR PROJECT TRIPS (ENTERING) = 20  
TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 7

STATION	ROADWAY	FROM	TO	AM PEAK HOUR DIRECTIONAL				LOS E STANDARD	TOTAL PROJECT IMPACT	PROJECT SIGNIFICANT
				PROJECT DISTRIBUTION	PROJECT TRIPS	EXISTING LANES	CLASS			
2833	PARK AVENUE	FEDERAL HIGHWAY	10TH STREET	1%	0	2	I	880	0.00%	NO
2615	SILVER BEACH ROAD	CONGRESS AVENUE	OLD DIXIE HIGHWAY	1%	0	2	I	880	0.00%	NO
2807	SILVER BEACH ROAD	OLD DIXIE HIGHWAY	US 1	1%	0	2	I	880	0.00%	NO
2601	BLUE HERON BOULEVARD	BEELINE HIGHWAY	MILITARY TRAIL	1%	0	4D	II	1870	0.00%	NO
2211	BLUE HERON BOULEVARD	MILITARY TRAIL	I-95	5%	1	6D	II	2830	0.04%	NO
2311	BLUE HERON BOULEVARD	I-95	CONGRESS AVENUE	35%	7	6D	II	2830	0.25%	NO
2607	BLUE HERON BOULEVARD	CONGRESS AVENUE	SITE	70%	14	6D	II	2830	0.49%	NO
2607	BLUE HERON BOULEVARD	SITE	AUSTRALIAN AVENUE	30%	6	6D	II	2830	0.21%	NO
2623	BLUE HERON BOULEVARD	AUSTRALIAN AVENUE	OLD DIXIE HIGHWAY	20%	4	6D	II	2830	0.14%	NO
2811	BLUE HERON BOULEVARD	OLD DIXIE HIGHWAY	US 1	5%	1	5	II	1870	0.05%	NO
2801	BLUE HERON BOULEVARD	US 1	OCEAN DRIVE	3%	1	4D	II	1870	0.05%	NO
2313	MARTIN LUTHER KING JR BOULEVARD	MILITARY TRAIL	CONGRESS AVENUE	4%	1	4D	II	1870	0.05%	NO
2841	MARTIN LUTHER KING JR BOULEVARD	CONGRESS AVENUE	AUSTRALIAN AVENUE	1%	0	4D	II	1870	0.00%	NO
2813	MARTIN LUTHER KING JR BOULEVARD	AUSTRALIAN AVENUE	OLD DIXIE HIGHWAY	1%	0	2	II	860	0.00%	NO
2814	MILITARY TRAIL	INVESTMENT LANE	BLUE HERON BOULEVARD	2%	0	6D	II	2830	0.00%	NO
2612	MILITARY TRAIL	BLUE HERON BOULEVARD	SR 710	2%	0	6D	II	2830	0.00%	NO
2620	CONGRESS AVENUE	NORTHLAKE BOULEVARD	SILVER BEACH ROAD	14%	3	4D	II	1870	0.16%	NO
2622	CONGRESS AVENUE	SILVER BEACH ROAD	BLUE HERON BOULEVARD	15%	3	4D	II	1870	0.16%	NO
2618	CONGRESS AVENUE	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVA	20%	4	4D	II	1870	0.21%	NO
2308	CONGRESS AVENUE	MARTIN LUTHER KING JR BOULEVA	45TH STREET	15%	3	6D	II	2830	0.11%	NO
2834	AUSTRALIAN AVENUE	BLUE HERON BOULEVARD	BEELINE HIGHWAY (SR 710)	10%	2	4D	II	1870	0.11%	NO
2306	AUSTRALIAN AVENUE	BEELINE HIGHWAY (SR 710)	45TH STREET	9%	2	4D	II	1870	0.11%	NO
NA	OLD DIXIE HIGHWAY	NORTHLAKE BOULEVARD	PARK AVENUE	2%	0	3	I	880	0.00%	NO
NA	OLD DIXIE HIGHWAY	PARK AVENUE	SILVER BEACH ROAD	3%	1	4D	I	1960	0.05%	NO
2808	OLD DIXIE HIGHWAY	SILVER BEACH ROAD	BLUE HERON BOULEVARD	5%	1	4D	II	1870	0.05%	NO
2810	OLD DIXIE HIGHWAY	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVA	10%	2	4D	II	1870	0.11%	NO
3302	OLD DIXIE HIGHWAY	MARTIN LUTHER KING JR BOULEVA	45TH STREET	10%	2	5	II	1870	0.11%	NO
NA	BROADWAY	PARK AVENUE	SILVER BEACH ROAD	1%	0	5	II	1870	0.00%	NO
NA	BROADWAY	SILVER BEACH ROAD	BLUE HERON BOULEVARD	1%	0	4D	II	1870	0.00%	NO
2818	BROADWAY	BLUE HERON BOULEVARD	13TH STREET	1%	0	4D	II	1870	0.00%	NO



**TABLE 8**  
**TEST 2 - PROJECT SIGNIFICANCE CALCULATION**  
**PM PEAK HOUR**

TEST 2 - FIVE YEAR ANALYSIS  
 2 MILE RADIUS OF DEVELOPMENT INFLUENCE  
 TOTAL PM PEAK HOUR PROJECT TRIPS (ENTERING) = 58  
 TOTAL PM PEAK HOUR PROJECT TRIPS (EXITING) = 74

STATION	ROADWAY	FROM	TO	PM PEAK HOUR DIRECTIONAL				LOS E STANDARD	TOTAL PROJECT IMPACT	PROJECT SIGNIFICANT
				PROJECT DISTRIBUTION	PROJECT TRIPS	EXISTING LANES	CLASS			
2833	PARK AVENUE	FEDERAL HIGHWAY	10TH STREET	1%	1	2	I	880	0.11%	NO
2615	SILVER BEACH ROAD	CONGRESS AVENUE	OLD DIXIE HIGHWAY	1%	1	2	I	880	0.11%	NO
2807	SILVER BEACH ROAD	OLD DIXIE HIGHWAY	US 1	1%	1	2	I	880	0.11%	NO
2601	BLUE HERON BOULEVARD	BEELINE HIGHWAY	MILITARY TRAIL	1%	1	4D	II	1870	0.05%	NO
2211	BLUE HERON BOULEVARD	MILITARY TRAIL	I-95	5%	4	6D	II	2830	0.14%	NO
2311	BLUE HERON BOULEVARD	I-95	CONGRESS AVENUE	35%	26	6D	II	2830	0.92%	NO
2607	BLUE HERON BOULEVARD	CONGRESS AVENUE	SITE	70%	52	6D	II	2830	1.84%	NO
2607	BLUE HERON BOULEVARD	SITE	AUSTRALIAN AVENUE	30%	22	6D	II	2830	0.78%	NO
2823	BLUE HERON BOULEVARD	AUSTRALIAN AVENUE	OLD DIXIE HIGHWAY	20%	15	6D	II	2830	0.53%	NO
2811	BLUE HERON BOULEVARD	OLD DIXIE HIGHWAY	US 1	5%	4	5	II	1870	0.21%	NO
2801	BLUE HERON BOULEVARD	US 1	OCEAN DRIVE	3%	2	4D	II	1870	0.11%	NO
2313	MARTIN LUTHER KING JR BOULEVARD	MILITARY TRAIL	CONGRESS AVENUE	4%	3	4D	II	1870	0.16%	NO
2841	MARTIN LUTHER KING JR BOULEVARD	CONGRESS AVENUE	AUSTRALIAN AVENUE	1%	1	4D	II	1870	0.05%	NO
2813	MARTIN LUTHER KING JR BOULEVARD	AUSTRALIAN AVENUE	OLD DIXIE HIGHWAY	1%	1	2	II	860	0.12%	NO
2814	MILITARY TRAIL	INVESTMENT LANE	BLUE HERON BOULEVARD	2%	1	6D	II	2830	0.04%	NO
2612	MILITARY TRAIL	BLUE HERON BOULEVARD	SR 710	2%	1	6D	II	2830	0.04%	NO
2620	CONGRESS AVENUE	NORTHLAKE BOULEVARD	SILVER BEACH ROAD	14%	10	4D	II	1870	0.53%	NO
2622	CONGRESS AVENUE	SILVER BEACH ROAD	BLUE HERON BOULEVARD	15%	11	4D	II	1870	0.59%	NO
2618	CONGRESS AVENUE	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVA	20%	15	4D	II	1870	0.80%	NO
2308	CONGRESS AVENUE	MARTIN LUTHER KING JR BOULEVA	45TH STREET	15%	11	6D	II	2830	0.39%	NO
2834	AUSTRALIAN AVENUE	BLUE HERON BOULEVARD	BEELINE HIGHWAY (SR 710)	10%	7	4D	II	1870	0.37%	NO
2306	AUSTRALIAN AVENUE	BEELINE HIGHWAY (SR 710)	45TH STREET	9%	7	4D	II	1870	0.37%	NO
NA	OLD DIXIE HIGHWAY	NORTHLAKE BOULEVARD	PARK AVENUE	2%	1	3	I	880	0.11%	NO
NA	OLD DIXIE HIGHWAY	PARK AVENUE	SILVER BEACH ROAD	3%	2	4D	I	1960	0.10%	NO
2608	OLD DIXIE HIGHWAY	SILVER BEACH ROAD	BLUE HERON BOULEVARD	5%	4	4D	II	1870	0.21%	NO
2810	OLD DIXIE HIGHWAY	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVA	10%	7	4D	II	1870	0.37%	NO
3302	OLD DIXIE HIGHWAY	MARTIN LUTHER KING JR BOULEVA	45TH STREET	10%	7	5	II	1870	0.37%	NO
NA	BROADWAY	PARK AVENUE	SILVER BEACH ROAD	1%	1	5	II	1870	0.05%	NO
NA	BROADWAY	SILVER BEACH ROAD	BLUE HERON BOULEVARD	1%	1	4D	II	1870	0.05%	NO
2818	BROADWAY	BLUE HERON BOULEVARD	13TH STREET	1%	1	4D	II	1870	0.05%	NO