

# TRAFFIC IMPACT STATEMENT

## BLUE HERON COMMERCIAL CITY OF RIVIERA BEACH, FLORIDA

### Prepared for:

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Job No. 17-098

Date: June 13, 2018  
Revised: August 14, 2018  
Revised: July 1, 2019  
Revised: July 14, 2020  
Revised: September 1, 2020  
Revised: March 24, 2021

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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 4.91 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 23,207 SF of general commercial space with a project build-out of 2022. Site access is proposed via a right in/right out westerly access connection, a right out easterly driveway access connection, and a full access 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

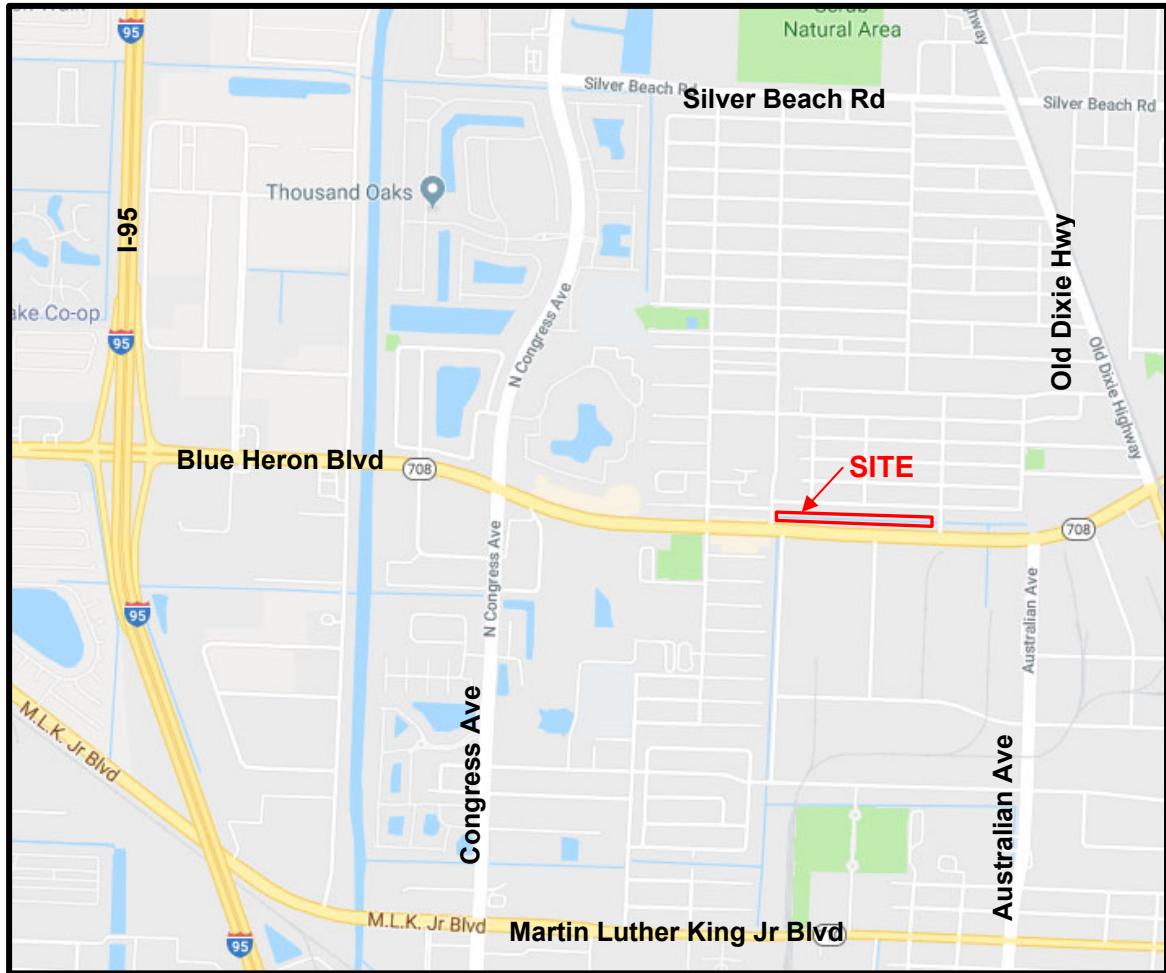
This study will analyze the proposed development's impact on the surrounding major thoroughfares within the project's radius of development influence in accordance with the Palm Beach County Unified Land Development Code Article 12 – Traffic Performance Standards. The Traffic Performance Standards state 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, 10<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	=	1,282 tpd
AM Peak Hour Traffic Generation (In/Out)	=	31 pht (22 In/9 Out)
PM Peak Hour Traffic Generation (In/Out)	=	110 pht (48 In/62 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 110 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) shows 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 2022 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 2022 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 2022 projected AM and PM peak hours:

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

For each intersection, the 2022 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 2022 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 more than the adopted Level of Service volume of 1,400 vehicles per hours (vph) for the following intersection:

Blue Heron Boulevard at Congress Avenue

The Blue Heron Boulevard at Congress Avenue intersection has an existing failure based on background traffic conditions, without the project. Per Florida Statutes Chapter 163, Section 3180, improvements needed to address existing failures are not the developer's responsibility. A third eastbound left turn lane has been identified as improvements needed to bring the background conditions, without the project, to acceptable conditions.

With these improvements, 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 the intersections.

## 7.0 INTERSECTION ANALYSIS TEST 1 – PART 1 (CONTINUED)

Intersection	Conditions	Critical Sum	
		AM	PM
<b>Blue Heron Boulevard at Congress Avenue*</b>	Background traffic, without project, existing geometry	1,327	1,483
	Future traffic, with project, existing geometry	1,334	1,494
	Background traffic, without project, with improvements*	1,327	1,378
	Future traffic, with project, with improvements*	<b>1,334</b>	<b>1,388</b>
<b>Blue Heron Boulevard at Australian Avenue</b>	Future traffic, with project, existing geometry	<b>976</b>	<b>861</b>

\* Including a third eastbound left turn lane improvement for background traffic conditions.

## 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 = 32 / 13  
PM = 96 / 116

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 a right in/right out westerly access connection, a right out easterly driveway access connection, and a full access central driveway connection to Blue Heron Boulevard.

As requested by Palm Beach County Traffic, evaluation of the eastbound left turn lane was performed for the central driveway connection. The analysis is included in Appendix C.

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 1,282 trips per day, 31 AM peak hour trips, and 110 PM peak hour trips at project build-out in 2022. 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  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

**PROPOSED DEVELOPMENT**

**TABLE 1 - Daily Traffic Generation**

Landuse	ITE Code	Intensity	Rate/Equation	Dir Split		Gross Trips	Internalization			External Trips	Pass-by		Net Trips
				In	Out		%	Total			%	Trips	
Medical Office	720	8,155	S.F.	34.8			284		0	284	10%	28	256
Gen. Commercial <sup>e</sup>	820	23,207	S.F.	$\text{Ln}(T) = 0.68 \text{Ln}(X) + 5.57^d$			2,227		0	2,227	54%	1,201	1,026
<b>Grand Totals:</b>							<b>2,511</b>	<b>0.0%</b>	<b>0</b>	<b>2,511</b>	<b>49%</b>	<b>1,229</b>	<b>1,282</b>

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

Landuse	ITE Code	Intensity	Rate/Equation	Dir Split		Gross Trips			Internalization			External Trips			Pass-by		Net Trips				
				In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	%	Trips	In	Out	Total	
Medical Office	720	8,155	S.F.	0.78	0.22	2.78	18	5	23	0.0%	0	0	0	18	5	23	10%	2	16	5	21
Gen. Commercial <sup>e</sup>	820	23,207	S.F.	0.62	0.38	0.94	14	8	22	0.0%	0	0	0	14	8	22	54%	12	6	4	10
<b>Grand Totals:</b>							<b>32</b>	<b>13</b>	<b>45</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>13</b>	<b>45</b>	<b>31%</b>	<b>14</b>	<b>22</b>	<b>9</b>	<b>31</b>

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

Landuse	ITE Code	Intensity	Rate/Equation	Dir Split		Gross Trips			Internalization			External Trips			Pass-by		Net Trips				
				In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	%	Trips	In	Out	Total	
Medical Office	720	8,155	S.F.	0.28	0.72	3.46	8	20	28	0.0%	0	0	0	8	20	28	10%	3	7	18	25
Gen. Commercial <sup>e</sup>	820	23,207	S.F.	0.48	0.52	$\text{Ln}(T) = 0.74 \text{Ln}(X) + 2.89^f$	88	96	184	0.0%	0	0	0	88	96	184	54%	99	41	44	85
<b>Grand Totals:</b>							<b>96</b>	<b>116</b>	<b>212</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>96</b>	<b>116</b>	<b>212</b>	<b>48%</b>	<b>102</b>	<b>48</b>	<b>62</b>	<b>110</b>

- Notes:**  
 d.) For intensities under 10,000 s.f., use a rate of 125.61 / 1,000 SF instead of the equation.  
 e.) Pass-by percent = 62% for 10,000 s.f. or less, otherwise =  $83.18 - 9.30 * \text{Ln}(A)$  where A is 1,000 s.f. of leasable area.  
 f.) For densities under 10,000 s.f., use a rate of 9.9 / 1,000 s.f. instead of the equation.





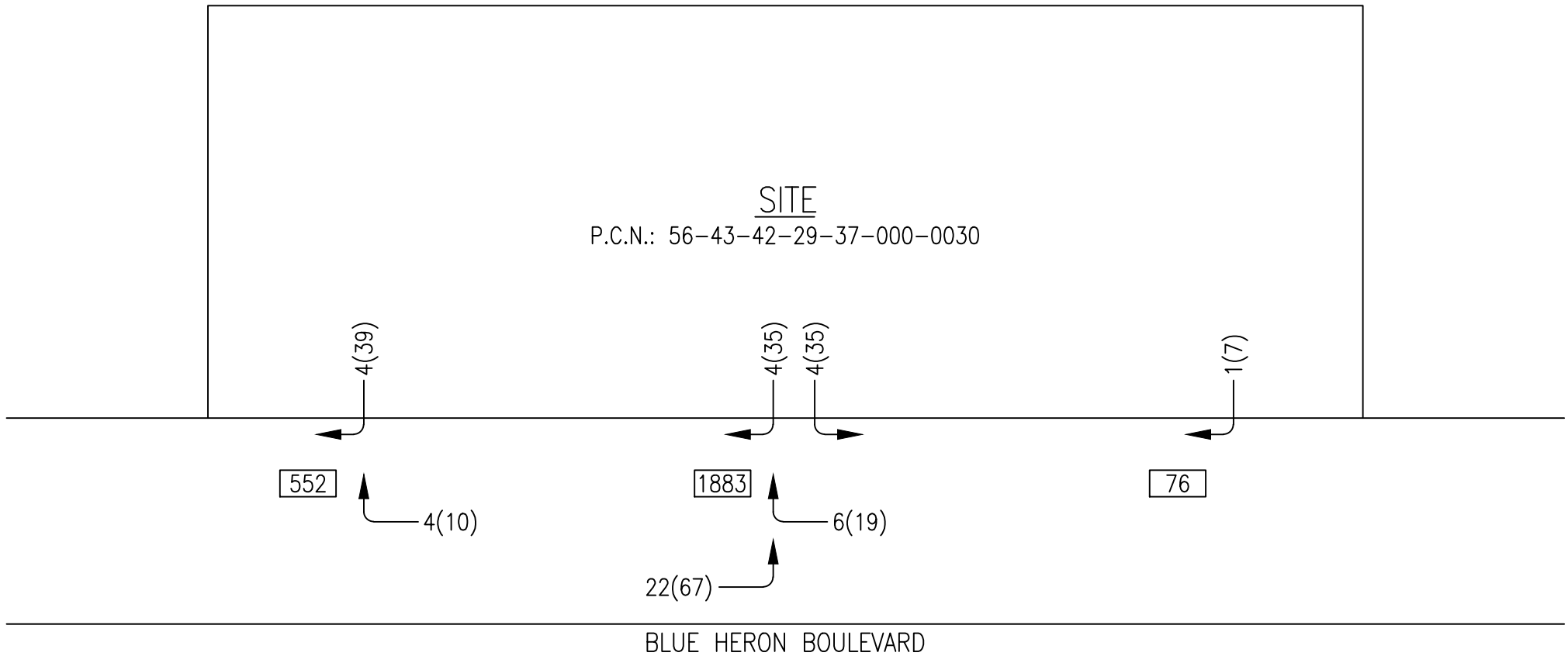


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N.T.S.



LEGEND

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

FIGURE 3  
PROJECT TURNING MOVEMENTS

BLUE HERON COMMERCIAL

- 17-098 AL 06-08-18
- REVISED: 06-11-18
- REVISED: 07-01-19
- REVISED: 07-14-20
- REVISED: 09-01-20
- REVISED: 03-24-21

# **APPENDIX A**

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

**BLUE HERON COMMERCIAL**

06/11/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

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

2022 BUILD OUT

2 MILE RADIUS OF DEVELOPMENT INFLUENCE

TOTAL AM PEAK HOUR PROJECT TRIPS (ENTERING) = 22

TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 9

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	6D	II	2680	0.04%	NO
2311	BLUE HERON BOULEVARD	I-95	CONGRESS AVENUE	35%	8	6D	II	2680	0.30%	NO
2607	BLUE HERON BOULEVARD	CONGRESS AVENUE	SITE	70%	15	6D	II	2680	0.56%	NO
2607	BLUE HERON BOULEVARD	SITE	AUSTRALIAN AVENUE	30%	7	6D	II	2680	0.26%	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 BOULEVARD	20%	4	4D	II	1770	0.23%	NO
2308	CONGRESS AVENUE	MARTIN LUTHER KING JR BOULEVARD	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 BOULEVARD	10%	2	4D	II	1770	0.11%	NO
3302	OLD DIXIE HIGHWAY	MARTIN LUTHER KING JR BOULEVARD	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

**BLUE HERON COMMERCIAL**

06/11/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

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

2022 BUILD OUT

2 MILE RADIUS OF DEVELOPMENT INFLUENCE

TOTAL PM PEAK HOUR PROJECT TRIPS (ENTERING) = 48

TOTAL PM PEAK HOUR PROJECT TRIPS (EXITING) = 62

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%	3	6D	II	2680	0.11%	NO
2311	BLUE HERON BOULEVARD	I-95	CONGRESS AVENUE	35%	22	6D	II	2680	0.82%	NO
<b>2607</b>	<b>BLUE HERON BOULEVARD</b>	<b>CONGRESS AVENUE</b>	<b>SITE</b>	<b>70%</b>	<b>43</b>	<b>6D</b>	<b>II</b>	<b>2680</b>	<b>1.60%</b>	<b>YES</b>
2607	BLUE HERON BOULEVARD	SITE	AUSTRALIAN AVENUE	30%	19	6D	II	2680	0.71%	NO
2823	BLUE HERON BOULEVARD	AUSTRALIAN AVENUE	OLD DIXIE HIGHWAY	20%	12	6D	II	2680	0.45%	NO
2811	BLUE HERON BOULEVARD	OLD DIXIE HIGHWAY	US 1	5%	3	5	II	1770	0.17%	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%	2	4D	II	1770	0.11%	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
2614	MILITARY TRAIL	INVESTMENT LANE	BLUE HERON BOULEVARD	2%	1	6D	II	2680	0.04%	NO
2612	MILITARY TRAIL	BLUE HERON BOULEVARD	SR 710	2%	1	6D	II	2680	0.04%	NO
2620	CONGRESS AVENUE	NORTHLAKE BOULEVARD	SILVER BEACH ROAD	14%	9	4D	II	1770	0.51%	NO
2622	CONGRESS AVENUE	SILVER BEACH ROAD	BLUE HERON BOULEVARD	15%	9	4D	II	1770	0.51%	NO
2618	CONGRESS AVENUE	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVAF	20%	12	4D	II	1770	0.68%	NO
2308	CONGRESS AVENUE	MARTIN LUTHER KING JR BOULEVAF	45TH STREET	15%	9	6D	II	2680	0.34%	NO
2834	AUSTRALIAN AVENUE	BLUE HERON BOULEVARD	BEELINE HIGHWAY (SR 710)	10%	6	4D	II	1770	0.34%	NO
2306	AUSTRALIAN AVENUE	BEELINE HIGHWAY (SR 710)	45TH STREET	9%	6	4D	II	1770	0.34%	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%	3	4D	II	1770	0.17%	NO
2810	OLD DIXIE HIGHWAY	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVAF	10%	6	4D	II	1770	0.34%	NO
3302	OLD DIXIE HIGHWAY	MARTIN LUTHER KING JR BOULEVAF	45TH STREET	10%	6	5	II	1770	0.34%	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

**BLUE HERON COMMERCIAL**

06/11/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

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

2022 BUILD OUT  
 2 MILE RADIUS OF DEVELOPMENT INFLUENCE  
 TOTAL PM PEAK HOUR PROJECT TRIPS (ENTERING) = 48  
 TOTAL PM PEAK HOUR PROJECT TRIPS (EXITING) = 62

ROADWAY	FROM	TO	DIRECTION	2019	PROJECT DISTRIBUTION	PM PEAK	LINK GROWTH	LINK GROWTH	MAJOR PROJECT	1.0% GROWTH	TOTAL	2022	ASSURED LANES	CLASS	LOS D	MEETS LOS STD.
				PM PEAK HOUR TRAFFIC		HOUR TRIPS					BACKGROUND TRAFFIC USED					
BLUE HERON BOULEVARD	CONGRESS AVENUE	SITE	EB	1226	70%	34	1.00%	37	73	37	110	1370	6D	II	2680	YES
			WB	1622	70%	43	1.00%	49	89	49	138	1803	6D	II	2680	YES



# **APPENDIX B**

**PBC TPS DATABASE**  
**2022 BUILD-OUT**  
**LINK & INTERSECTION VOLUME SHEETS**  
**(WITH APPROVED COMMITTED TRIPS)**

STN#	ROAD	FROM	TO	LANES	PK HR LOS	DAILY TRAFFIC VOLUMES					2019 DAILY		18-19 GR	3YR GR	2019 AM PEAK HOUR			2019 PM PEAK HOUR		
						2014	2015	2016	2017	2018	VOL	DATE			2-WAY	NB/EB	SB/WB	2-WAY	NB/EB	SB/WB
2209	BEELINE HWY	Jog Rd	Haverhill Rd	4D	1960	29815	25909	25756	31527	34690	33650	1/9/2019	-3.00%	9.32%	3362	2197	1207	2910	1065	1845
3427	BELVEDERE RD	SR 7	Sansbury's Way	6D	2940	20111	18958	20363	21161	21456	22353	1/14/2019	4.18%	3.16%	2104	1348	777	2145	911	1294
3425	BELVEDERE RD	Sansbury's Way	Skees Rd	6D	2940	22561	21655	23690	25046	25477	26029	1/14/2019	2.17%	3.19%	2598	1538	1060	2509	1258	1398
3211	BELVEDERE RD	Skees Rd	Jog Rd	6D	2940	23569	22540	24402	26217	27023	27190	1/14/2019	0.62%	3.67%	2551	1450	1101	2591	1293	1385
3679	BELVEDERE RD	Jog Rd	Drexel Rd	4D	1960	25403	20251	21880	22961	24457	24915	1/16/2019	1.87%	4.43%	2064	1144	1004	2457	1184	1273
3609	BELVEDERE RD	Drexel Rd	Haverhill Rd	4D	1960	23852	23750	25630	26016	27776	28468	3/27/2019	2.49%	3.56%	2338	1515	823	2630	984	1657
3645	BELVEDERE RD	Haverhill Rd	Military Tr	4D	1960	23137	24033	25391	25457	26854	27691	3/27/2019	3.12%	2.93%	2289	779	1521	2451	1532	920
3623	BELVEDERE RD	Military Tr	Congress Ave	6D	2940	24300	23481	26057	25972	26024	26916	3/27/2019	3.43%	1.09%	2211	1628	668	2386	805	1581
3605	BELVEDERE RD	Congress Ave	Australian Ave	6D	2680	31714	31148	33111	34292	36437	35796	2/19/2019	-1.76%	2.63%	2698	1670	1063	2932	1463	1480
3821	BELVEDERE RD	Parker Ave	Dixie Hwy	4D	1770	15572	17328	18181	17553	18892	18366	4/22/2019	-2.78%	0.34%	1666	1112	574	1642	621	1021
3456	BENOIST FARMS RD	Okeechobee Bl	Belvedere Rd	2	880	6078	6317	6766	6408	6397	7828	3/4/2019	22.37%	4.98%	719	401	318	594	331	263
3416	BENOIST FARMS RD	Belvedere Rd	Southern Blvd	2	880	5012	4704	5291	5350	5720	5844	3/4/2019	2.17%	3.37%	506	281	229	455	197	262
2601	BLUE HERON BLVD	Bee Line Hwy	Military Tr	4D	1770	19677	21790	20851		22994	21319	2/6/2019	-7.28%	0.74%	1742	943	809	1836	737	1086
2607	BLUE HERON BLVD	Congress Ave	Australian Ave	6D	2680	35431	36520	36338		38822	37196	1/14/2019	-4.19%	0.78%	2658	1575	1189	2778	1226	1622
2823	BLUE HERON BLVD	Australian Ave	Old Dixie Hwy	6D	2680	30274	31650	33610		34467	32046	1/14/2019	-7.02%	-1.58%	2337	1256	1081	2407	1124	1341
2811	BLUE HERON BLVD	Old Dixie Hwy	US 1	5	1770			21227		25058	23005	4/1/2019	-8.19%	2.72%	1615	874	745	1646	782	915
6408	BOCA RIO RD	Glades Rd	Palmetto Park Rd	2	810	15768	16394	16918	17642	18280	18020	1/15/2019	-1.42%	2.13%	1368	815	569	1713	734	1002
6418	BOCA RIO RD	Palmetto Park Rd	SW 18th St	2	880	11804	12717	12969	14185	14800	15079	1/15/2019	1.89%	5.15%	1252	801	463	1611	657	969
4676	BOUTWELL RD	10th Ave N	2nd Ave N	2	880	10211	10337	11327		11365		2/4/2019			756	517	323	775	292	502

Input Data

ROAD NAME: Blue Heron Blvd W STATION: 2607 Report Created  
 CURRENT YEAR: 2019 FROM: N Congress Ave 07/14/2020  
 ANALYSIS YEAR: 2022 TO: Midpoint  
 GROWTH RATE: 0.78% COUNT DATE: 01/14/2019  
 PSF: 1

Link Analysis

Time Period	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	2658	1575	1189	2778	1226	1622
Peak Volume	2658	1575	1189	2778	1226	1622
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	2658	1575	1189	2778	1226	1622

Committed Developments						Type	% Complete
Parcel 34.01 A	0	0	0	0	0	NR	100%
Parcel 34.03 C	0	0	0	0	0	NR	100%
Lake Shore Apartment	0	0	0	0	0	Res	100%
Northlake Square East	0	0	0	0	0	NR	100%
Wal-Mart # 3348	0	0	0	0	0	NR	100%
Sierra Bay Apartments	0	0	0	0	0	Res	100%
JDA Industrial	10	8	2	11	3	NR	0%
Palm Beach Riverstone	11	7	4	11	4	NR	0%
JFK Middle School	0	0	0	0	0	NR	100%
Triangle Commerce	13	9	4	18	6	NR	20%
Commerce Bank City of Riviera Beach	0	0	0	0	0	NR	100%
Lewis Terminal	0	0	0	0	0	NR	100%
Sonic Restaurant	0	0	0	0	0	NR	100%
Walmart - 45th St	0	0	0	0	0	NR	100%
Enterprise Rent-A-Car	0	0	0	0	0	NR	100%
Palm Beach Outlets	4	2	3	21	11	NR	72%
Sun Coast High School	0	0	0	0	0	NR	100%
Congress Business Park	21	9	12	34	19	NR	30%
Australian Plaza	8	7	1	38	17	NR	0%
Champs Charter School	7	4	3	3	1	NR	65%
Avenir	9	4	5	12	5	Res	0%
Atkins Daycare	0	0	0	0	0	NR	100%
Riviera Beach Retail Center	0	0	0	0	0	NR	100%
Altec Riviera Beach	0	0	0	0	0	NR	100%
7-Eleven-2100 45th St.	0	0	0	0	0	NR	100%
WAWA - Blue Heron & Garden	2	1	1	2	1	NR	95%
FPL Distrubution Center	6	1	6	5	4	NR	34%
7-Eleven	0	0	0	0	0	NR	100%
Heron Lakes Senior Center	9	7	2	11	4	Res	0%
<del>Blue Heron Commercial</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>NR</del>	<del>0%</del>
Total Committed Developments	100	59	43	166	75	92	
Total Committed Residential	18	11	7	23	9	13	
Total Committed Non-Residential	82	48	36	143	66	79	
Double Count Reduction	5	3	2	6	2	3	
Total Discounted Committed Developments	95	56	41	160	73	89	
Historical Growth	63	37	28	66	29	38	
Comm Dev+1% Growth	176	104	77	244	110	138	
Growth Volume Used	176	104	77	244	110	138	
Total Volume	2834	1679	1266	3022	1336	1760	

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

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>
Input Data								
	ROAD NAME: Blue Heron Blvd W			STATION: 2607			Report Created	
	CURRENT YEAR: 2019			FROM: MIDPOINT			07/14/2020	
	ANALYSIS YEAR: 2022			TO: Australian Ave				
	GROWTH RATE: 0.78%			COUNT DATE: 01/14/2019				
	PSF: 1							

Link Analysis

Time Period	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	2658	1575	1189	2778	1226	1622
Peak Volume	2658	1575	1189	2778	1226	1622
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	2658	1575	1189	2778	1226	1622

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%
JDA Industrial	10	8	2	11	3	9	NR	0%
Palm Beach Riverstone	11	7	4	11	4	7	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%
Enterprise Rent-A-Car	0	0	0	0	0	0	NR	100%
Palm Beach Outlets	4	2	3	21	11	10	NR	72%
Sun Coast High School	0	0	0	0	0	0	NR	100%
Congress Business Park	21	9	12	34	19	16	NR	30%
Australian Plaza	8	7	1	38	17	21	NR	0%
Champs Charter School	7	4	3	3	1	2	NR	65%
Avenir	9	4	5	12	5	6	Res	0%
Atkins Daycare	0	0	0	0	0	0	NR	100%
Riviera Beach Retail Center	0	0	0	0	0	0	NR	100%
Altec Riviera Beach	0	0	0	0	0	0	NR	100%
7-Eleven-2100 45th St.	0	0	0	0	0	0	NR	100%
WAWA - Blue Heron & Garden	2	1	1	2	1	1	NR	95%
FPL Distrubution Center	6	1	6	5	4	1	NR	34%
7-Eleven	0	0	0	0	0	0	NR	100%
Heron Lakes Senior Center	9	7	2	11	4	7	Res	0%
<del>Blue Heron Commercial</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>NR</del>	<del>0%</del>
Total Committed Developments	100	59	43	166	75	92		
Total Committed Residential	18	11	7	23	9	13		
Total Committed Non-Residential	82	48	36	143	66	79		
Double Count Reduction	5	3	2	6	2	3		
Total Discounted Committed Developments	95	56	41	160	73	89		
Historical Growth	63	37	28	66	29	38		
Comm Dev+1% Growth	176	104	77	244	110	138		
Growth Volume Used	176	104	77	244	110	138		
Total Volume	2834	1679	1266	3022	1336	1760		

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 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 07/14/2020  
 TIME PERIOD: AM ANALYSIS YEAR: 2022  
 GROWTH RATE: 3.46% PSF: 1  
 SIGNAL ID: 20176

Intersection Volume Development

	Eastbound			Westbound			Northbound			Southbound				
	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													Type	% Complete
Altec Riviera Beach	0	0	3	3	0	0	1	1	1	0	3	0	NR	0%
Avenir	0	8	0	0	8	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%
<b>Riviera Beach Retail Center</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NR</b>	<b>100%</b>
Palm Beach Riverstone	0	0	4	4	0	0	7	0	7	0	0	0	NR	0%
<b>WAWA - Blue Heron &amp; Garden</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NR</b>	<b>100%</b>
Congress Business Park	26	0	0	0	0	14	0	48	0	11	37	20	NR	15%
Triangle Commerce	2	0	1	1	0	2	2	0	2	6	0	6	NR	20%
<b>Palm Beach Outlets</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NR</b>	<b>100%</b>
JDA Industrial	0	7	0	0	2	0	0	0	0	1	0	0	NR	0%
Total Committed Developments	28	15	10	9	10	16	11	49	11	18	40	26		
Total Committed Residential	0	8	0	0	8	0	0	0	0	0	0	0		
Total Committed Non-Residential	28	7	10	9	2	16	11	49	11	18	40	26		
Double Count Reduction	0	1	0	0	0	0	0	0	0	0	0	0		
Total Discounted Committed	28	14	10	9	10	16	11	49	11	18	40	26		
Historical Growth	86	360	33	49	247	21	41	107	35	41	82	106		
Comm Dev+1% Growth	51	111	19	22	76	22	22	78	20	29	62	55		
Growth Volume Used	86	360	33	49	247	22	41	107	35	41	82	106		
Total Volume	405	1699	156	233	1165	99	195	506	166	192	387	502		

Input Data  
 E-W Street: Blue Heron Blvd W COUNT DATE: 01/07/2015 Report Created  
 N-S STREET: Congress Ave CURRENT YEAR: 2015 07/14/2020  
 TIME PERIOD: PM ANALYSIS YEAR: 2022  
 GROWTH RATE: 3.46% PSF: 1  
 SIGNAL ID: 20176

Intersection Volume Development

	Eastbound			Westbound			Northbound			Southbound				
	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													Type	% Complete
Altec Riviera Beach	0	0	2	2	0	0	2	2	2	0	2	0	NR	0%
Avenir	0	9	0	0	12	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%
<b>Riviera Beach Retail Center</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NR</b>	<b>100%</b>
Enterprise Rent-A-Car	1	2	1	0	2	0	1	0	0	0	0	1	NR	55%
Palm Beach Riverstone	0	0	7	7	0	0	4	0	4	0	0	0	NR	0%
<b>WAWA - Blue Heron &amp; Garden</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NR</b>	<b>100%</b>
Congress Business Park	36	0	0	0	0	20	0	65	0	23	76	42	NR	15%
Triangle Commerce	7	0	2	2	0	7	2	0	2	4	0	4	NR	20%
<b>Palm Beach Outlets</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NR</b>	<b>100%</b>
JDA Industrial	0	3	0	0	8	1	0	0	0	0	0	0	NR	0%
Total Committed Developments	44	14	15	13	22	28	13	67	10	27	78	47		
Total Committed Residential	0	9	0	0	12	0	0	0	0	0	0	0		
Total Committed Non-Residential	44	5	15	13	10	28	13	67	10	27	78	47		
Double Count Reduction	0	1	0	0	2	0	0	0	0	0	0	0		
Total Discounted Committed	44	13	15	13	20	28	13	67	10	27	78	47		
Historical Growth	98	347	25	50	352	51	84	177	34	45	89	87		
Comm Dev+1% Growth	70	106	22	26	115	42	36	114	19	39	102	70		
Growth Volume Used	98	347	25	50	352	51	84	177	34	45	102	87		
Total Volume	462	1636	118	237	1663	241	397	835	161	211	432	412		

Note: Updated the % Complete values.



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 07/14/2020  
 TIME PERIOD: AM ANALYSIS YEAR: 2022  
 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														
Australian Plaza	0	7	0	1	1	0	0	0	4	0	0	0	NR	0%
Avenir	0	8	0	0	8	0	0	0	0	0	0	0	Res	0%
Riviera Beach Retail Center	0	0	4	4	0	0	4	0	4	0	0	0	NR	0%
Champs Charter School	0	9	1	0	7	0	1	0	0	0	0	0	NR	25%
WAWA - Blue Heron & Garden	0	1	1	0	1	0	1	0	0	0	0	0	NR	78%
Congress Business Park	0	6	6	0	7	0	7	0	0	0	0	0	NR	15%
Palm Beach Outlets	0	3	0	4	4	0	0	0	3	0	0	0	NR	62%
JDA Industrial	0	4	4	0	1	0	1	0	0	0	0	0	NR	0%
Total Committed Developments	0	38	16	9	29	0	14	0	11	0	0	0		
Total Committed Residential	0	8	0	0	8	0	0	0	0	0	0	0		
Total Committed Non-Residential	0	30	16	9	21	0	14	0	11	0	0	0		
Double Count Reduction	0	2	0	0	2	0	0	0	0	0	0	0		
Total Discounted Committed	0	36	16	9	27	0	14	0	11	0	0	0		
Historical Growth	0	351	117	112	224	0	78	0	79	0	0	0		
Comm Dev+1% Growth	0	107	40	32	72	0	30	0	27	0	0	0		
Growth Volume Used	0	351	117	112	224	0	78	0	79	0	0	0		
Total Volume	0	1336	446	426	853	0	298	0	301	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 07/14/2020  
 TIME PERIOD: PM ANALYSIS YEAR: 2022  
 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														
Australian Plaza	0	17	0	14	21	0	0	0	11	0	0	0	NR	0%
Avenir	0	9	0	0	12	0	0	0	0	0	0	0	Res	0%
Riviera Beach Retail Center	0	0	14	14	0	0	13	0	13	0	0	0	NR	0%
Champs Charter School	0	2	0	0	5	0	0	0	0	0	0	0	NR	25%
WAWA - Blue Heron & Garden	0	1	1	0	1	0	1	0	0	0	0	0	NR	78%
Congress Business Park	0	11	11	0	9	0	9	0	0	0	0	0	NR	15%
Palm Beach Outlets	0	17	0	17	17	0	0	0	17	0	0	0	NR	62%
JDA Industrial	0	2	2	0	5	0	5	0	0	0	0	0	NR	0%
Total Committed Developments	0	59	28	45	70	0	28	0	41	0	0	0		
Total Committed Residential	0	9	0	0	12	0	0	0	0	0	0	0		
Total Committed Non-Residential	0	50	28	45	58	0	28	0	41	0	0	0		
Double Count Reduction	0	2	0	0	3	0	0	0	0	0	0	0		
Total Discounted Committed	0	57	28	45	67	0	28	0	41	0	0	0		
Historical Growth	3	290	67	83	426	0	196	0	86	0	0	0		
Comm Dev+1% Growth	1	116	41	62	153	0	68	0	58	0	0	0		
Growth Volume Used	3	290	67	83	426	0	196	0	86	0	0	0		
Total Volume	11	1103	254	317	1621	0	746	0	328	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

WEEK	DATES	SF	MOCF: 0.96 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

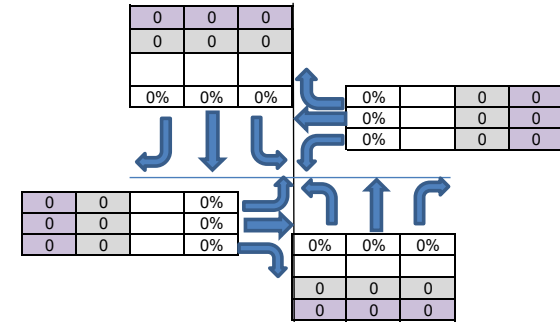
**CMA INTERSECTION ANALYSIS**  
**BLUE HERON COMMERCIAL**  
**BLUE HERON BOULEVARD AT CONGRESS AVENUE**

TRIPS		
	IN	OUT
AM	22	9
PM	48	62

08/13/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

<b>INPUT DATA</b>	
<b>Comments:</b> Background traffic, without project, existing geometry	
Growth Rate = 3.46%	Peak Season = 1.02
Current Year = 2017	Buildout Year = 2022

<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)	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	46	93	25	30	65	98	79	367	30	24	183	16
1.0% Background Growth	13	25	7	8	18	27	22	101	8	7	50	4
Major Projects Traffic	11	49	11	18	40	26	28	14	10	9	10	16
Background Growth Used	46	93	25	30	65	98	79	367	30	24	183	16
Project Traffic	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>295</b>	<b>592</b>	<b>161</b>	<b>195</b>	<b>415</b>	<b>624</b>	<b>505</b>	<b>2348</b>	<b>193</b>	<b>151</b>	<b>1170</b>	<b>104</b>
<b>Approach Total</b>	<b>1,048</b>			<b>1,233</b>			<b>3,047</b>			<b>1,426</b>		
<b>CRITICAL VOLUME ANALYSIS</b>												
No. of Lanes	2	2	1	2	2	1	2	3	1	1	3	1
Per Lane Volume	148	296	161	97	207	624	253	783	193	151	390	104
Right on Red	60			60			60			60		
Overlaps Left	151			253			148			97		
Adj. Per Lane Volume	148	296	0	97	207	311	253	783	0	151	390	0
Through/Right Volume	296			207			783			390		
Opposing Left Turns	97			148			151			253		
Critical Volume for Approach	394			355			934			643		
Critical Volume for Direction	394						934					
<b>Intersection Critical Volume</b>	<b>1,327</b>											
<b>STATUS?</b>	<b>NEAR</b>											



<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)	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	41	133	24	42	94	75	99	147	16	39	284	36
1.0% Background Growth	11	37	7	12	26	21	27	40	4	11	78	10
Major Projects Traffic	13	67	10	27	78	47	44	13	15	13	20	28
Background Growth Used	41	133	24	42	94	75	99	147	16	39	284	36
Project Traffic	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>260</b>	<b>849</b>	<b>154</b>	<b>271</b>	<b>601</b>	<b>480</b>	<b>635</b>	<b>938</b>	<b>103</b>	<b>248</b>	<b>1818</b>	<b>229</b>
<b>Approach Total</b>	<b>1,262</b>			<b>1,352</b>			<b>1,676</b>			<b>2,295</b>		
<b>CRITICAL VOLUME ANALYSIS</b>												
No. of Lanes	2	2	1	2	2	1	2	3	1	1	3	1
Per Lane Volume	130	424	154	135	300	480	317	313	103	248	606	229
Right on Red	60			60			60			60		
Overlaps Left	248			317			130			135		
Adj. Per Lane Volume	130	424	0	135	300	103	317	313	0	248	606	33
Through/Right Volume	424			300			313			606		
Opposing Left Turns	135			130			248			317		
Critical Volume for Approach	560			430			561			924		
Critical Volume for Direction	560						924					
<b>Intersection Critical Volume</b>	<b>1,483</b>											
<b>STATUS?</b>	<b>OVER</b>											

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

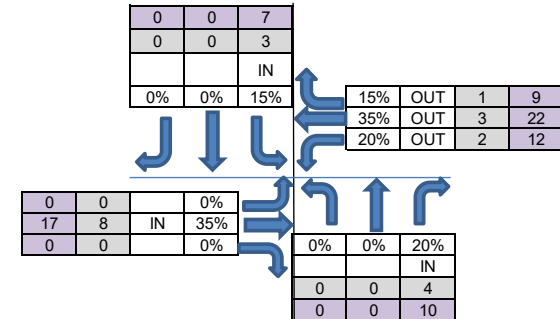
TRIPS		
	IN	OUT
AM	22	9
PM	48	62

08/13/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

<b>INPUT DATA</b>			
<b>Comments:</b> Future traffic (WITH project), existing geometry			
Growth Rate =	Peak Season =	Current Year =	Buildout Year =
3.46%	1.02	2017	2022

<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)	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	46	93	25	30	65	98	79	367	30	24	183	16
1.0% Background Growth	13	25	7	8	18	27	22	101	8	7	50	4
Major Projects Traffic	11	49	11	18	40	26	28	14	10	9	10	16
Background Growth Used	46	93	25	30	65	98	79	367	30	24	183	16
Project Traffic	0	0	4	3	0	0	0	8	0	2	3	1
<b>Total</b>	<b>295</b>	<b>592</b>	<b>165</b>	<b>198</b>	<b>415</b>	<b>624</b>	<b>505</b>	<b>2356</b>	<b>193</b>	<b>153</b>	<b>1173</b>	<b>105</b>
<b>Approach Total</b>	<b>1,052</b>			<b>1,236</b>			<b>3,055</b>			<b>1,432</b>		

1,056  
533



<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)	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	41	133	24	42	94	75	99	147	16	39	284	36
1.0% Background Growth	11	37	7	12	26	21	27	40	4	11	78	10
Major Projects Traffic	13	67	10	27	78	47	44	13	15	13	20	28
Background Growth Used	41	133	24	42	94	75	99	147	16	39	284	36
Project Traffic	0	0	10	7	0	0	0	17	0	12	22	9
<b>Total</b>	<b>260</b>	<b>849</b>	<b>164</b>	<b>278</b>	<b>601</b>	<b>480</b>	<b>635</b>	<b>955</b>	<b>103</b>	<b>260</b>	<b>1840</b>	<b>238</b>
<b>Approach Total</b>	<b>1,272</b>			<b>1,359</b>			<b>1,693</b>			<b>2,338</b>		

1,030  
658

<b>CRITICAL VOLUME ANALYSIS</b>												
No. of Lanes	2	2	1	2	2	1	2	3	1	1	3	1
Per Lane Volume	130	424	164	139	300	480	317	318	103	260	613	238
Right on Red			60			60			60			60
Overlaps Left			260			317			130			139
Adj. Per Lane Volume	130	424	0	139	300	103	317	318	0	260	613	39
Through/Right Volume	424				300			318			613	
Opposing Left Turns	139				130			260			317	
Critical Volume for Approach	563				430			578			931	
Critical Volume for Direction	563			430			578			931		
<b>Intersection Critical Volume</b>	<b>1,494</b>						<b>1,494</b>					
<b>STATUS?</b>	<b>OVER</b>											

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

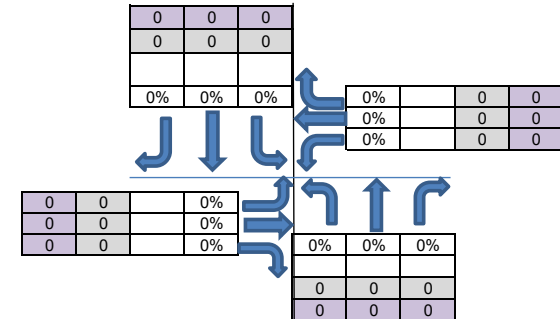
TRIPS		
	IN	OUT
AM	22	9
PM	48	62

08/13/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

INPUT DATA	
<b>Comments:</b> Background traffic, without project, with improvements (3rd EBL lane)	
Growth Rate = 3.46%	Peak Season = 1.02
Current Year = 2017	Buildout Year = 2022

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	46	93	25	30	65	98	79	367	30	24	183	16
1.0% Background Growth	13	25	7	8	18	27	22	101	8	7	50	4
Major Projects Traffic	11	49	11	18	40	26	28	14	10	9	10	16
Background Growth Used	46	93	25	30	65	98	79	367	30	24	183	16
Project Traffic	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>295</b>	<b>592</b>	<b>161</b>	<b>195</b>	<b>415</b>	<b>624</b>	<b>505</b>	<b>2348</b>	<b>193</b>	<b>151</b>	<b>1170</b>	<b>104</b>
<b>Approach Total</b>	<b>1,048</b>			<b>1,233</b>			<b>3,047</b>			<b>1,426</b>		

1,056  
533



CRITICAL VOLUME ANALYSIS												
No. of Lanes	2	2	1	2	2	1	3	3	1	1	3	1
Per Lane Volume	148	296	161	97	207	624	168	783	193	151	390	104
Right on Red	60			60			60			60		
Overlaps Left	151			168			148			97		
Adj. Per Lane Volume	148	296	0	97	207	395	168	783	0	151	390	0
Through/Right Volume	296			207			783			390		
Opposing Left Turns	97			148			151			168		
Critical Volume for Approach	394			355			934			559		
Critical Volume for Direction	394						934					
<b>Intersection Critical Volume</b>	<b>1,327</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	41	133	24	42	94	75	99	147	16	39	284	36
1.0% Background Growth	11	37	7	12	26	21	27	40	4	11	78	10
Major Projects Traffic	13	67	10	27	78	47	44	13	15	13	20	28
Background Growth Used	41	133	24	42	94	75	99	147	16	39	284	36
Project Traffic	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>260</b>	<b>849</b>	<b>154</b>	<b>271</b>	<b>601</b>	<b>480</b>	<b>635</b>	<b>938</b>	<b>103</b>	<b>248</b>	<b>1818</b>	<b>229</b>
<b>Approach Total</b>	<b>1,262</b>			<b>1,352</b>			<b>1,676</b>			<b>2,295</b>		

1,030  
658

CRITICAL VOLUME ANALYSIS												
No. of Lanes	2	2	1	2	2	1	3	3	1	1	3	1
Per Lane Volume	130	424	154	135	300	480	212	313	103	248	606	229
Right on Red	60			60			60			60		
Overlaps Left	248			212			130			135		
Adj. Per Lane Volume	130	424	0	135	300	208	212	313	0	248	606	33
Through/Right Volume	424			300			313			606		
Opposing Left Turns	135			130			248			212		
Critical Volume for Approach	560			430			561			818		
Critical Volume for Direction	560						818					
<b>Intersection Critical Volume</b>	<b>1,378</b>											
<b>STATUS?</b>	<b>NEAR</b>											

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

**TRIPS**

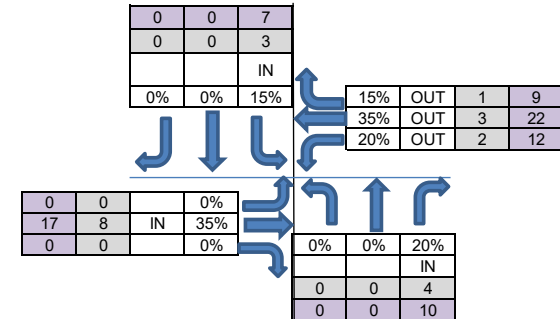
	IN	OUT
AM	22	9
PM	48	62

08/13/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

<b>INPUT DATA</b>	
<b>Comments:</b> Future traffic (WITH project), with improvements (3rd EBL lane)	
Growth Rate = 3.46%	Peak Season = 1.02
Current Year = 2017	Buildout Year = 2022

<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)	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	46	93	25	30	65	98	79	367	30	24	183	16
1.0% Background Growth	13	25	7	8	18	27	22	101	8	7	50	4
Major Projects Traffic	11	49	11	18	40	26	28	14	10	9	10	16
Background Growth Used	46	93	25	30	65	98	79	367	30	24	183	16
Project Traffic	0	0	4	3	0	0	0	8	0	2	3	1
<b>Total</b>	<b>295</b>	<b>592</b>	<b>165</b>	<b>198</b>	<b>415</b>	<b>624</b>	<b>505</b>	<b>2356</b>	<b>193</b>	<b>153</b>	<b>1173</b>	<b>105</b>
<b>Approach Total</b>	<b>1,052</b>			<b>1,236</b>			<b>3,055</b>			<b>1,432</b>		

1,056  
533



<b>CRITICAL VOLUME ANALYSIS</b>												
No. of Lanes	2	2	1	2	2	1	3	1	1	3	1	1
Per Lane Volume	148	296	165	99	207	624	168	785	193	153	391	105
Right on Red	60			60			60			60		
Overlaps Left	153			168			148			99		
Adj. Per Lane Volume	148	296	0	99	207	395	168	785	0	153	391	0
Through/Right Volume	296			207			785			391		
Opposing Left Turns	99			148			153			168		
Critical Volume for Approach	395			355			938			560		
Critical Volume for Direction	395						938					
<b>Intersection Critical Volume</b>	<b>1,334</b>											
<b>STATUS?</b>	<b>NEAR</b>											

<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)	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	41	133	24	42	94	75	99	147	16	39	284	36
1.0% Background Growth	11	37	7	12	26	21	27	40	4	11	78	10
Major Projects Traffic	13	67	10	27	78	47	44	13	15	13	20	28
Background Growth Used	41	133	24	42	94	75	99	147	16	39	284	36
Project Traffic	0	0	10	7	0	0	0	17	0	12	22	9
<b>Total</b>	<b>260</b>	<b>849</b>	<b>164</b>	<b>278</b>	<b>601</b>	<b>480</b>	<b>635</b>	<b>955</b>	<b>103</b>	<b>260</b>	<b>1840</b>	<b>238</b>
<b>Approach Total</b>	<b>1,272</b>			<b>1,359</b>			<b>1,693</b>			<b>2,338</b>		

1,030  
658

<b>CRITICAL VOLUME ANALYSIS</b>												
No. of Lanes	2	2	1	2	2	1	3	1	1	3	1	1
Per Lane Volume	130	424	164	139	300	480	212	318	103	260	613	238
Right on Red	60			60			60			60		
Overlaps Left	260			212			130			139		
Adj. Per Lane Volume	130	424	0	139	300	208	212	318	0	260	613	39
Through/Right Volume	424			300			318			613		
Opposing Left Turns	139			130			260			212		
Critical Volume for Approach	563			430			578			825		
Critical Volume for Direction	563						825					
<b>Intersection Critical Volume</b>	<b>1,388</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
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
20250	Blue Heron Bl	Ave H	11/16/2016	7:45 AM	0	31	17	12	0	21	9	123	0	136	849	17	0	2	708	27	1952
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	48	91	0	111	959	59	0	22	781	19	2226
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	998	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
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
20099	Blue Heron Bl	Beeline Hwy	9/12/2018	7:00 AM	0	0	333	45	0	993	815	0	0	0	0	0	0	0	0	666	2852
20099	Blue Heron Bl	Beeline Hwy	9/12/2018	4:15 PM	0	0	632	14	0	622	339	0	0	0	0	0	0	0	0	1132	2739
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
20175	Blue Heron Bl	Garden Rd	9/23/2019	7:30 AM	0	184	99	75	0	43	104	165	26	145	1945	208	0	135	1323	70	4522
20175	Blue Heron Bl	Garden Rd	9/23/2019	12:15 PM	0	154	78	74	0	82	101	155	23	91	949	93	0	137	1079	71	3087
20175	Blue Heron Bl	Garden Rd	9/23/2019	4:30 PM	0	198	71	76	0	85	117	425	42	95	1306	111	0	128	1747	68	4469
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	36	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
20150	Blue Heron Bl	I 95 East	3/10/2020	7:30 AM	1	582	0	1243	0	0	0	0	4	344	1367	0	0	0	1347	415	5303
20150	Blue Heron Bl	I 95 East	3/10/2020	12:00 PM	0	498	0	708	0	0	0	0	7	248	855	0	0	0	1276	430	4022
20150	Blue Heron Bl	I 95 East	3/10/2020	4:30 PM	0	620	0	853	0	0	0	0	6	424	1084	0	0	0	2368	821	6176
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
20150	Blue Heron Bl	I 95 East	11/30/2017	12:00 PM	0	380	0	638	0	15	0	18	6	276	919	0	0	0	1370	498	4120
20150	Blue Heron Bl	I 95 East	11/30/2017	4:30 PM	0	603	0	854	0	0	0	0	2	397	868	0	0	0	2341	810	5875
20150	Blue Heron Bl	I 95 East	1/21/2016	7:30 AM	0	711	0	1276	0	0	0	0	4	308	1353	0	0	0	1432	404	5488
20150	Blue Heron Bl	I 95 East	1/21/2016	4:30 PM	0	750	0	780	0	0	0	0	6	426	886	0	0	0	2003	791	5642
20150	Blue Heron Bl	I 95 East	2/19/2015	7:30 AM	0	614	0	1202	0	0	0	0	4	283	1344	0	0	0	1249	388	5084

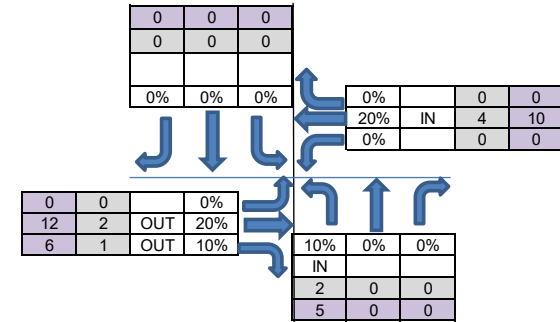
**CMA INTERSECTION ANALYSIS**  
**BLUE HERON COMMERCIAL**  
**BLUE HERON BOULEVARD AT AUSTRALIAN AVENUE**

TRIPS		
	IN	OUT
AM	22	9
PM	48	62

06/12/18  
 REVISED: 08/13/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

INPUT DATA				
<b>Comments:</b>				
Growth Rate =	4.45%	Peak Season =	1.02	Current Year = 2017 Buildout Year = 2022

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)	214		236				4	948	332	282	741	
Peak Season Adjustment	4		5				0	19	7	6	15	
Background Traffic Growth	53		59				1	235	82	70	184	
1.0% Background Growth	11		12				0	49	17	15	39	
Major Projects Traffic	14		11				0	36	16	9	27	
Background Growth Used	53		59				1	235	82	70	184	
Project Traffic	2		0				0	2	1	0	4	
<b>Total</b>	<b>273</b>	<b>0</b>	<b>299</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1204</b>	<b>422</b>	<b>358</b>	<b>944</b>	<b>0</b>
<b>Approach Total</b>	<b>573</b>			<b>0</b>			<b>1,631</b>			<b>1,301</b>		
CRITICAL VOLUME ANALYSIS												
No. of Lanes	2		1				1	3	<	1	3	
Per Lane Volume	137		299				5	542		358	315	
Right on Red			60			60		60				
Overlaps Left			358			5		137				0
Adj. Per Lane Volume	137	0	0	0	0	0	5	482		358	315	0
Through/Right Volume	0			0			482			315		
Opposing Left Turns	0			137			358			5		
Critical Volume for Approach	0			137			840			320		
Critical Volume for Direction	137						840					
<b>Intersection Critical Volume</b>	<b>976</b>											
<b>STATUS?</b>	<b>UNDER</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)	468		311				9	845	202	187	1101	
Peak Season Adjustment	9		6				0	17	4	4	22	
Background Traffic Growth	116		77				2	210	50	46	273	
1.0% Background Growth	24		16				0	44	11	10	57	
Major Projects Traffic	28		41				0	57	28	45	67	
1% BGR + Major Projects	52		57				0	101	39	55	124	
Project Traffic	5		0				0	12	6	0	10	
<b>Total</b>	<b>535</b>	<b>0</b>	<b>374</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>975</b>	<b>251</b>	<b>245</b>	<b>1257</b>	<b>0</b>
<b>Approach Total</b>	<b>909</b>			<b>0</b>			<b>1,235</b>			<b>1,503</b>		
CRITICAL VOLUME ANALYSIS												
No. of Lanes	2		1				1	3	<	1	3	
Per Lane Volume	267		374				10	408		245	419	
Right on Red			60			60		60				
Overlaps Left			245			10		267				0
Adj. Per Lane Volume	267	0	69	0	0	0	10	348		245	419	0
Through/Right Volume	69			0			348			419		
Opposing Left Turns	0			267			245			10		
Critical Volume for Approach	69			267			594			429		
Critical Volume for Direction	267						594					
<b>Intersection Critical Volume</b>	<b>861</b>											
<b>STATUS?</b>	<b>UNDER</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
29060	Belvedere Rd	Skees Rd	1/14/2019	4:45 PM	0	0	0	0	0	131	0	90	0	111	1032	0	0	0	881	116	2361
29060	Belvedere Rd	Skees Rd	5/19/2016	7:30 AM	0	0	0	0	0	94	0	83	0	87	1060	0	0	0	816	163	2303
29060	Belvedere Rd	Skees Rd	5/19/2016	12:30 PM	0	0	0	0	0	64	0	76	0	82	779	0	3	0	609	79	1692
29060	Belvedere Rd	Skees Rd	5/19/2016	4:45 PM	0	0	0	0	0	85	0	97	3	105	1006	0	2	0	1035	158	2491
29025	Belvedere Rd	SR 7	2/20/2020	7:30 AM	4	67	1095	550	3	494	1269	65	0	103	199	119	3	310	66	192	4539
29025	Belvedere Rd	SR 7	2/20/2020	12:00 PM	7	92	966	137	3	273	1007	60	1	34	72	77	1	289	69	208	3296
29025	Belvedere Rd	SR 7	2/20/2020	5:00 PM	18	225	1356	193	3	371	1744	139	1	89	119	103	11	665	229	609	5875
29025	Belvedere Rd	SR 7	12/20/2017	7:30 AM	4	72	1000	580	2	524	1147	76	1	102	206	160	1	312	63	236	4486
29025	Belvedere Rd	SR 7	12/20/2017	12:00 PM	26	100	1360	279	3	415	1390	81	1	80	87	83	10	425	99	314	4753
29025	Belvedere Rd	SR 7	12/20/2017	5:00 PM	37	184	1661	387	0	425	1605	119	0	100	90	151	4	620	194	582	6159
29025	Belvedere Rd	SR 7	2/2/2016	7:30 AM	1	57	904	488	15	436	1249	70	0	80	174	179	1	332	38	191	4215
29025	Belvedere Rd	SR 7	2/17/2016	12:15 PM	27	92	1079	253	14	353	1084	76	1	50	65	117	41	313	66	272	3903
29025	Belvedere Rd	SR 7	2/2/2016	5:00 PM	12	182	1378	333	15	365	1206	100	0	63	109	113	17	441	179	564	5077
29375	Belvedere Rd	US-1/Dixie Hwy	4/2/2018	8:00 AM	0	211	463	44	0	10	304	139	0	332	402	286	0	7	104	20	2322
29375	Belvedere Rd	US-1/Dixie Hwy	4/2/2018	12:00 PM	0	225	320	26	0	35	448	216	0	217	207	296	0	29	160	9	2188
29375	Belvedere Rd	US-1/Dixie Hwy	4/2/2018	4:45 PM	0	276	346	23	0	36	695	386	0	198	216	267	0	32	276	13	2764
29375	Belvedere Rd	US-1/Dixie Hwy	5/7/2015	8:00 AM	0	223	503	46	0	28	326	119	0	342	254	403	0	11	79	26	2360
29375	Belvedere Rd	US-1/Dixie Hwy	5/7/2015	4:45 PM	0	302	379	26	0	45	587	400	0	151	129	274	0	26	194	25	2538
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	4/26/2018	12:00 PM	0	100	14	102	0	29	18	33	65	59	460	36	4	138	428	27	1513
29030	Belvedere Rd	Walmart/Mayacoo Lak	4/26/2018	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
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	118	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	19	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	8	0	813	187	1	233	1195	0	3229
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



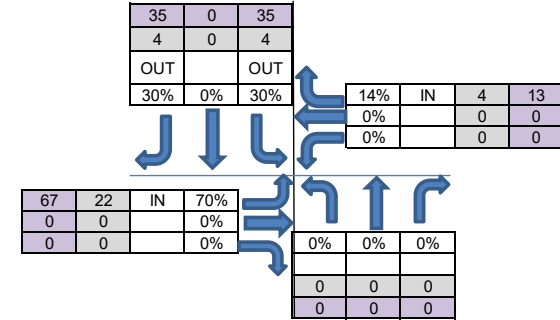
**CMA INTERSECTION ANALYSIS**  
**BLUE HERON COMMERCIAL**  
**BLUE HERON BOULEVARD AT PROJECT CENTRAL DRIVEWAY/AVENUE P**

EXTERNAL TRIPS		
	IN	OUT
AM	32	13
PM	96	116

08/13/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

INPUT DATA	
Comments:	
Growth Rate = 1.00%	Peak Season = 1.00 Current Year = 2019 Buildout Year = 2022

AM Peak Hour												
	INTERSECTION VOLUME DEVELOPMENT											
	Northbound			Southbound			Eastbound			Westbound		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volume (2019)	0	0	0	0	0	0	0	0	0	0	0	0
Peak Season Adjustment	0	0	0	0	0	0	0	0	0	0	0	0
Background Traffic Growth	0	0	0	0	0	0	0	0	0	0	0	0
1.0% Background Growth	0	0	0	0	0	0	0	0	0	0	0	0
Major Projects Traffic*	0	0	0	0	0	0	0	0	0	0	0	0
1% BGR + Major Projects	0	0	0	0	0	0	0	0	0	0	0	0
Project Traffic	0	0	4	4	4	22	0	0	0	0	0	4
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>22</b>	<b>1679</b>	<b>0</b>	<b>0</b>	<b>1266</b>	<b>4</b>
<b>Approach Total</b>	<b>0</b>			<b>8</b>			<b>1,701</b>			<b>1,270</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 (2019)	0	0	0	0	0	0	0	0	0	0	0	0
Peak Season Adjustment	0	0	0	0	0	0	0	0	0	0	0	0
Background Traffic Growth	0	0	0	0	0	0	0	0	0	0	0	0
1.0% Background Growth	0	0	0	0	0	0	0	0	0	0	0	0
Major Projects Traffic*	0	0	0	0	0	0	0	0	0	0	0	0
1% BGR + Major Projects	0	0	0	0	0	0	0	0	0	0	0	0
Project Traffic	0	0	35	35	67	67	0	0	0	0	0	13
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>0</b>	<b>35</b>	<b>67</b>	<b>1336</b>	<b>0</b>	<b>0</b>	<b>1760</b>	<b>13</b>
<b>Approach Total</b>	<b>0</b>			<b>70</b>			<b>1,403</b>			<b>1,773</b>		

\* Major projects obtained from the TPS link report for Blue Heron Boulevard between Congress Avenue and Australian Avenue (station 2607).

### Turn Lane Storage Analysis Summary

Intersection	Movement	95 <sup>th</sup> Percentile Queue (ft)	Existing Storage Length (ft)	Additional Storage Required?
Blue Heron Blvd at Project Central Driveway	EBL	75	205 +50' taper	No

HCM 6th TWSC  
 3: Blue Heron Boulevard & Main Drive Aisle

03/24/2021

Intersection												
Int Delay, s/veh	0.2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↵ ↑↑↑			↑↑↑						↕		
Traffic Vol, veh/h	22	1679	0	0	1266	6	0	0	0	4	0	4
Future Vol, veh/h	22	1679	0	0	1266	6	0	0	0	4	0	4
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	16965	-	-	1	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	92	92	95	95	92	92	92	95	92	95
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	23	1767	0	0	1333	6	0	0	0	4	0	4

Major/Minor	Major1			Major2			Minor2			
Conflicting Flow All	1339	0	0	-	-	0		2089	3149	670
Stage 1	-	-	-	-	-	-		1336	1336	-
Stage 2	-	-	-	-	-	-		753	1813	-
Critical Hdwy	5.34	-	-	-	-	-		5.74	6.54	7.14
Critical Hdwy Stg 1	-	-	-	-	-	-		6.64	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-		6.04	5.54	-
Follow-up Hdwy	3.12	-	-	-	-	-		3.82	4.02	3.92
Pot Cap-1 Maneuver	268	-	-	0	-	-		84	11	343
Stage 1	-	-	-	0	-	-		150	221	-
Stage 2	-	-	-	0	-	-		387	128	-
Platoon blocked, %		-	-	-	-	-				
Mov Cap-1 Maneuver	268	-	-	-	-	-		77	0	343
Mov Cap-2 Maneuver	-	-	-	-	-	-		116	0	-
Stage 1	-	-	-	-	-	-		137	0	-
Stage 2	-	-	-	-	-	-		387	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0.3	0	26.9
HCM LOS			D

Minor Lane/Major Mvmt	EBL	EBT	EBR	WBT	WBR	SBLn1
Capacity (veh/h)	268	-	-	-	-	173
HCM Lane V/C Ratio	0.086	-	-	-	-	0.049
HCM Control Delay (s)	19.7	-	-	-	-	26.9
HCM Lane LOS	C	-	-	-	-	D
HCM 95th %tile Q(veh)	0.3	-	-	-	-	0.2

HCM 6th TWSC  
 3: Blue Heron Boulevard & Main Drive Aisle

03/24/2021

Intersection												
Int Delay, s/veh	8.6											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖ ↑↑↑			↑↑↑						↔		
Traffic Vol, veh/h	67	1336	0	0	1760	19	0	0	0	35	0	35
Future Vol, veh/h	67	1336	0	0	1760	19	0	0	0	35	0	35
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	16965	-	-	1	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	92	92	95	95	92	92	92	95	92	95
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	71	1406	0	0	1853	20	0	0	0	37	0	37

Major/Minor	Major1			Major2			Minor2			
Conflicting Flow All	1873	0	0	-	-	0		2567	3411	937
Stage 1	-	-	-	-	-	-		1863	1863	-
Stage 2	-	-	-	-	-	-		704	1548	-
Critical Hdwy	5.34	-	-	-	-	-		5.74	6.54	7.14
Critical Hdwy Stg 1	-	-	-	-	-	-		6.64	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-		6.04	5.54	-
Follow-up Hdwy	3.12	-	-	-	-	-		3.82	4.02	3.92
Pot Cap-1 Maneuver	145	-	-	0	-	-		46	7	228
Stage 1	-	-	-	0	-	-		70	121	-
Stage 2	-	-	-	0	-	-		411	174	-
Platoon blocked, %		-	-	-	-	-				
Mov Cap-1 Maneuver	145	-	-	-	-	-		~ 23	0	228
Mov Cap-2 Maneuver	-	-	-	-	-	-		~ 32	0	-
Stage 1	-	-	-	-	-	-		~ 36	0	-
Stage 2	-	-	-	-	-	-		411	0	-

Approach	EB	WB	SB
HCM Control Delay, s	2.5	0	\$ 348
HCM LOS			F

Minor Lane/Major Mvmt	EBL	EBT	EBR	WBT	WBR	SBLn1
Capacity (veh/h)	145	-	-	-	-	56
HCM Lane V/C Ratio	0.486	-	-	-	-	1.316
HCM Control Delay (s)	51.3	-	-	-	-	\$ 348
HCM Lane LOS	F	-	-	-	-	F
HCM 95th %tile Q(veh)	2.3	-	-	-	-	6.5

Notes  
 ~: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    \*: All major volume in platoon

# **APPENDIX D**

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

**BLUE HERON COMMERCIAL**

06/11/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

**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) = 22**

**TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 9**

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%	8	6D	II	2830	0.28%	NO
2607	BLUE HERON BOULEVARD	CONGRESS AVENUE	SITE	70%	15	6D	II	2830	0.53%	NO
2607	BLUE HERON BOULEVARD	SITE	AUSTRALIAN AVENUE	30%	7	6D	II	2830	0.25%	NO
2823	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
2614	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 BOULEVARD	20%	4	4D	II	1870	0.21%	NO
2308	CONGRESS AVENUE	MARTIN LUTHER KING JR BOULEVARD	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 BOULEVARD	10%	2	4D	II	1870	0.11%	NO
3302	OLD DIXIE HIGHWAY	MARTIN LUTHER KING JR BOULEVARD	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

**BLUE HERON COMMERCIAL**

06/11/18  
 REVISED: 07/01/19  
 REVISED: 07/14/20  
 REVISED: 09/01/20  
 REVISED: 03/22/21

**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) = 48**

**TOTAL PM PEAK HOUR PROJECT TRIPS (EXITING) = 62**

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%	3	6D	II	2830	0.11%	NO
2311	BLUE HERON BOULEVARD	I-95	CONGRESS AVENUE	35%	22	6D	II	2830	0.78%	NO
2607	BLUE HERON BOULEVARD	CONGRESS AVENUE	SITE	70%	43	6D	II	2830	1.52%	NO
2607	BLUE HERON BOULEVARD	SITE	AUSTRALIAN AVENUE	30%	19	6D	II	2830	0.67%	NO
2823	BLUE HERON BOULEVARD	AUSTRALIAN AVENUE	OLD DIXIE HIGHWAY	20%	12	6D	II	2830	0.42%	NO
2811	BLUE HERON BOULEVARD	OLD DIXIE HIGHWAY	US 1	5%	3	5	II	1870	0.16%	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%	2	4D	II	1870	0.11%	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
2614	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%	9	4D	II	1870	0.48%	NO
2622	CONGRESS AVENUE	SILVER BEACH ROAD	BLUE HERON BOULEVARD	15%	9	4D	II	1870	0.48%	NO
2618	CONGRESS AVENUE	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVARD	20%	12	4D	II	1870	0.64%	NO
2308	CONGRESS AVENUE	MARTIN LUTHER KING JR BOULEVARD	45TH STREET	15%	9	6D	II	2830	0.32%	NO
2834	AUSTRALIAN AVENUE	BLUE HERON BOULEVARD	BEELINE HIGHWAY (SR 710)	10%	6	4D	II	1870	0.32%	NO
2306	AUSTRALIAN AVENUE	BEELINE HIGHWAY (SR 710)	45TH STREET	9%	6	4D	II	1870	0.32%	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%	3	4D	II	1870	0.16%	NO
2810	OLD DIXIE HIGHWAY	BLUE HERON BOULEVARD	MARTIN LUTHER KING JR BOULEVARD	10%	6	4D	II	1870	0.32%	NO
3302	OLD DIXIE HIGHWAY	MARTIN LUTHER KING JR BOULEVARD	45TH STREET	10%	6	5	II	1870	0.32%	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