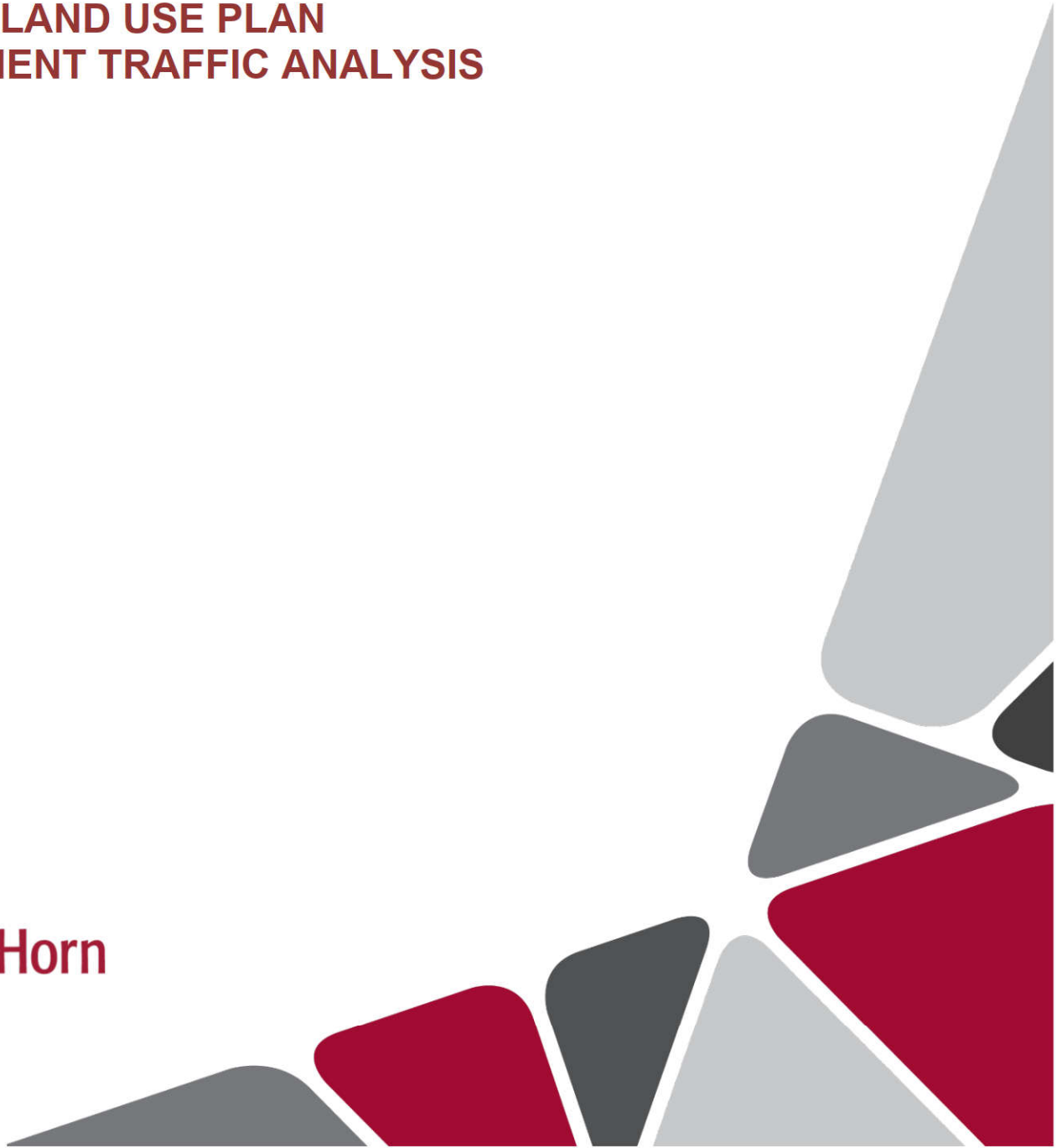


LANTANA PLAZA
PALM BEACH COUNTY, FL

FUTURE LAND USE PLAN
AMENDMENT TRAFFIC ANALYSIS



FUTURE LAND USE PLAN AMENDMENT TRAFFIC ANALYSIS

LANTANA PLAZA PALM BEACH COUNTY, FL

Prepared by:
Kimley-Horn and Associates, Inc.
West Palm Beach, Florida

Kimley»»Horn

December 12, 2022
Kimley-Horn Project # 040674027
Registry No. 64773
Kimley-Horn and Associates, Inc.
1920 Wekiva Way
West Palm Beach, Florida 33411
561/845-0665 TEL



Digitally signed
by Adam B Kerr
Date:
2022.12.12
17:18:45 -05'00'

Adam B. Kerr, P.E.
Florida Registration Number 64773

TABLE OF CONTENTS

LIST OF TABLES..... ii

LIST OF FIGURES ii

INTRODUCTION 3

PROJECT TRAFFIC 5

 Trip Generation 5

 Existing Site Development 5

 Existing Future Land Use Potential Development 5

 Proposed Future Land Use Potential Development..... 5

 Proposed Zoning..... 6

TRAFFIC DISTRIBUTION AND ASSIGNMENT 8

LEVEL OF SERVICE ANALYSIS 9

 Short-Range (Year 2027) 9

 Long-Range (Year 2045)..... 9

SHORT-RANGE (2027) PLANNING HORIZON 10

 Significance Analysis..... 11

 Capacity Analysis Short Range (Year 2027)..... 14

LONG-RANGE (2045) PLANNING HORIZON 15

CONCLUSION 17

APPENDIX..... A

LIST OF TABLES

Table 1: Trip Generation Calculations Summary7
Table 2: Short-Range Significance Determination..... 10
Table 3: Short-Range (Year 2027) AM Peak Hour Significance Analysis 12
Table 4: Short-Range (Year 2027) PM Peak Hour Significance Analysis 13
Table 5: Short-Range (Year 2027) Test 2 Link Capacity Analysis- PM Peak Hour 14
Table 6: Long-Range Significance Determination 15
Table 7: Long-Range (Year 2045) Daily Significance Analysis..... 16

LIST OF FIGURES

Figure 1: Site Location4

INTRODUCTION

Kimley-Horn and Associates, Inc. has been retained to prepare a Future Land Use (FLU) Amendment traffic analysis for a 9.66-acre site located on the northeast corner of Lantana Road and Haverhill Road, in Palm Beach County, Florida. **Figure 1** illustrates the location of the project site. The site currently has a Palm Beach County FLU designation of Commercial Low (CL). The proposed FLU designation that is the subject of this analysis is Commercial High (CH).

The parcel control number for this site is:

- 00-42-44-36-37-001-0000

The traffic impacts from the proposed future land use amendment were analyzed based on the procedures outlined in Policy 3.5-d of the Palm Beach County Comprehensive Plan. Currently, the site has a commercial low designation, which permits a maximum floor area ratio of (FAR) of 0.50. The proposed future designation is commercial high, which permits a maximum floor area ratio of 0.85. Hence, the 9.66-acre site can permit 357,671 square feet of retail.

This analysis was conducted following short-range and long-range analysis procedures used to evaluate comprehensive plan amendments in Palm Beach County. This report summarizes the findings of the comprehensive plan land use amendment traffic analysis.



FIGURE 1
Lantana Plaza
Site Location

LEGEND

- Site Location
- Project Traffic %



PROJECT TRAFFIC

The project traffic volumes evaluated in this analysis are defined as the vehicle trips expected to be generated by the project, and the distribution and assignment of that traffic over the study roadway network.

Trip Generation

The trip generation calculations are based on the trip generation rates published by Palm Beach County. Trip generation calculations have been performed for four scenarios:

Existing Site Development

This scenario represents the currently trip generation occurring on site. The site is currently vacant hence, no trips have been generated for current daily, AM peak hour and PM peak hour conditions.

Existing Future Land Use Potential Development

This scenario represents the maximum development potential for the site under the existing FLU designation. For the Trip Generation Comparison shown in **Table 1**, a Shopping Center was used for the land use, the maximum intensity of development under the currently adopted future land use designation has the potential to generate 5,918 net new external daily trips, 135 net new external AM peak hour trips (84 inbound, 51 outbound), 543 net external PM peak hour trips (261 inbound, 282 outbound).

Proposed Future Land Use Potential Development

This scenario represents the maximum development permitted on site under the proposed FLU designation, which equates to 357,671 square feet of retail. As indicated in **Table 1**, the maximum density of development under the proposed future land use designation has the potential to generate 10,060 net new external daily trips, 228 net new external AM peak hour trips (141 inbound, 87 outbound), 924 net new external PM peak hour trips (444 inbound, 480 outbound).

Because the proposed amendment for the subject site results in an overall net increase in the trip generation potential of the site on a daily, AM, and PM peak-hour basis in comparison to existing uses on site, it was necessary to determine if any of the roadway links within the project Radius of Development Influence (RDI) are expected to be significantly impacted. Roadway link analyses were conducted for the short-range (2027) scenario using the Test 2 criteria defined in Chapter 12 of the Palm Beach County ULDC. Roadway link analysis was conducted for the long-range (2045) scenario using Policy 3.5-d of the Future Land Use Element as published by Palm Beach County.

Proposed Zoning

This scenario represents the proposed planned development on site with a total of 94,928 square feet of land use, consisting of car wash, gas station w/convenience store, warehouse, and accessory office land use. The proposed planned development generates 1,861 net new external daily trips, 152 net new external AM peak hours trips (91 inbound, 60 outbound), 152 net new external PM peak hours trips (62 inbound, 89 outbound). During the proposed planned development scenario, the generated trips are less than the proposed FLU maximum intensity scenario therefore, no further analysis has been performed for this scenario.

Table 1: Trip Generation Calculations Summary

Land Use	Intensity	Daily Trips	AM Peak Hour			PM Peak Hour		
			Total	In	Out	Total	In	Out
Existing Site Development								
Vacant		0	0	0	0	0	0	0
	<i>Subtotal</i>	0	0	0	0	0	0	0
Pass-By Capture								
Vacant	0.0%	0	0	0	0	0	0	0
	<i>Subtotal</i>	0	0	0	0	0	0	0
Driveway Volumes			0	0	0	0	0	0
Net New External Trips			0	0	0	0	0	0
Existing FLU Maximum Intensity								
Shop Center (>150k)	210.395 KSF	7,787	177	110	67	715	343	372
	<i>Subtotal</i>	7,787	177	110	67	715	343	372
Pass-By Capture								
Shop Center (>150k)	24.0%	1,869	42	26	16	172	82	90
	<i>Subtotal</i>	1,869	42	26	16	172	82	90
Driveway Volumes			7,787	177	110	67	715	343
Net New External Trips			5,918	135	84	51	543	261
Proposed FLU Maximum Intensity								
Shop Center (>150k)	357.671 KSF	13,237	300	186	114	1,216	584	632
	<i>Subtotal</i>	13,237	300	186	114	1,216	584	632
Pass-By Capture								
Shop Center (>150k)	24.0%	3,177	72	45	27	292	140	152
	<i>Subtotal</i>	3,177	72	45	27	292	140	152
Driveway Volumes			13,237	300	186	114	1,216	632
Net New External Trips			10,060	228	141	87	924	444
Proposed Zoning								
Warehouse	61.953 KSF	106	11	8	3	11	3	8
General Office (10k-250k)	26.551 KSF	288	40	35	5	38	6	32
Carwash (Automated)	1 Lane	166	12	6	6	14	7	7
Gas Station w/ Convenience Store	16, 2.824 FP,KSF	3,440	241	120	120	241	120	120
	<i>Subtotal</i>	4,000	304	169	134	304	136	167
Pass-By Capture								
Warehouse	10.0%	11	1	1	0	1	0	1
General Office (10k-250k)	10.0%	29	4	4	0	4	1	3
Carwash (Automated)	0.0%	0	0	0	0	0	0	0
Gas Station w/ Convenience Store	61.0%	2,099	147	73	74	147	73	74
	<i>Subtotal</i>	2,139	152	78	74	152	74	78
Driveway Volumes			4,000	304	169	134	304	167
Net New External Trips			1,861	152	91	60	152	89
Proposed FLU Maximum Trips-Existing Development Trips (Short-range)			10,060	228	141	87	924	444
Short-Range Radius of Development Influence:			3 miles					
Proposed FLU Maximum Trips-Existing FLU Maximum Trips (Long-range)			4,142	93	57	36	381	183
Long-Range Radius of Development Influence:			2 Miles					
Land Use	Daily	AM Peak Hour	PM Peak Hour	Pass By				
Vacant		*Based on actual counts			0.0%			
Shop Center (>150k)	37.01 trips/1,000 sf	0.84 trips/1,000 sf (62% in, 38% out)	3.4 trips/1,000 sf (48% in, 52% out)	24.0%				
Gas Station w/ Convenience Store	14.3*PM trips	12.3 trips/FP (50% in, 50% out)	12.3 trips/FP (50% in, 50% out)					
Warehouse	1.71 trips/1,000 sf	0.17 trips/1,000 sf (77% in, 23% out)	0.18 trips/1,000 sf (28% in, 72% out)	10.0%				
General Office (10k-250k)	10.84 trips/1,000 sf	1.52 trips/1,000 sf (88% in, 12% out)	1.44 trips/1,000 sf (17% in, 83% out)	10.0%				
Carwash (Automated)	166 trips/Lane	11.97 trips/Lane (50% in, 50% out)	13.65 trips/1,000 sf (50% in, 50% out)	0.0%				

TRAFFIC DISTRIBUTION AND ASSIGNMENT

Traffic distribution is the pairing of trip ends from the subject site with other land uses in the area. These trips were assigned to surrounding roadways within the project RDI based upon a review of the proposed roadway network to be in place at the time of buildout and its travel time characteristics.

The daily and peak-hour trips for the project were then assigned to the surrounding roadway network proposed to be in place for each respective analysis year. **Figure 1** also illustrates the project traffic assignment to the surrounding roadway network.

LEVEL OF SERVICE ANALYSIS

Consistent with comprehensive plan amendment evaluation requirements, roadway segment analyses were conducted to address the traffic conditions for the existing, short-range planning horizon (2027), and long-range planning horizon (2045) conditions on links within the RDI.

Short-Range (Year 2027)

This analysis is based on the Test 2 standards of the Palm Beach County Traffic Performance Standards Ordinance (TPSO) and was conducted using the LOS E peak hour, peak direction link service volumes published by Palm Beach County.

As stated previously, this analysis utilizes the net increase in peak-hour trip generation potential of the maximum development potential under the proposed FLU designation in comparison to traffic generated by the existing site development.

Long-Range (Year 2045)

This analysis is based on Policy 3.5-d of the Palm Beach County Future Land Use Element and was conducted using the LOS D daily link service volumes published by Palm Beach County.

As stated previously, this analysis utilizes the net increase in daily trip generation potential of the maximum development potential under the proposed FLU designation in comparison to the maximum development potential under the existing FLU.

SHORT-RANGE (2027) PLANNING HORIZON

The maximum development under the proposed future land use is 357,671 square feet of retail. Therefore, the net increase in peak hour trip generation potential is 228 net new external AM peak hour trips (141 inbound, 87 outbound) and 924 net new external PM peak hour trips (444 inbound, 480 outbound). For the purposes of this analysis, the radius of development influence is 3 miles. Significance was determined in accordance with the Test 2 LOS E peak-hour peak-directional service volumes provided in the Palm Beach County Traffic Performance Standards Ordinance (TPSO). **Table 2** summarizes the threshold for determining significance as outlined in Article 12 of the Palm Beach County TPSO. As per the TPSO, during the short-range horizon, a link is considered significantly impacted if project traffic accounts for more than 3% of the LOS E general service volume.

Table 2: Short-Range Significance Determination

NET EXTERNAL PEAK HOUR TWO-WAY TRIP GENERATION			RADIUS
1	through	20	Directly Accessed Link(s)
21	through	50	0.5 miles
51	through	100	1 mile
101	through	500	2 miles
501	through	1,000	3 miles
1,001	through	2,000	4 miles
2,001	and	Up	5 miles

Note: Source table 12.B.2.D-7 3A - Radius of Development Influence of Article 12

Significance Analysis

As indicated in **Table 3** and **Table 4**, the following roadway links are projected to be significantly impacted by the proposed project under Test 2 standards:

- Lantana Road – from Jog Road to Haverhill Road (PM peak hour)
- Lantana Road – from Haverhill Road to Military Trail (PM peak hour)
- Haverhill Road – from 10th Avenue to Lake Worth Road (PM peak hour)
- Haverhill Road – from Lake Worth Road to Melaleuca Lane (PM peak hour)
- Haverhill Road – from Melaleuca Lane to Lantana Road (PM peak hour)
- Haverhill Road – from Lantana Road to Hypoluxo Road (PM peak hour)

Therefore, PM Capacity analyses were subsequently performed.

Table 3: Short-Range (Year 2027) AM Peak Hour Significance Analysis

ROADWAY	FROM	TO	COMMITTED NUMBER OF LANES	LOS E GENERAL SVC. VOLUME	PROJECT % ASSIGNMENT	NB/EB IN/OUT?	PROJECT TRIPS					
							AM PEAK HOUR					
							TRIPS		% IMPACT			
NB/EB	SB/WB	NB/EB	SIG?	SB/WB	SIG?							
10th Avenue	Jog Road	Sherwood Forest Boulevard	4LD	1,960	5%	i	7	4	0.36%	No	0.20%	No
10th Avenue	Sherwood Forest Boulevard	Haverhill Road	4LD	1,870	5%	i	7	4	0.37%	No	0.21%	No
10th Avenue	Haverhill Road	Military Trail	4L	1,780	0%	o	0	0	0.00%	No	0.00%	No
10th Avenue	Military Trail	Kirk Road	4L	1,860	0%	o	0	0	0.00%	No	0.00%	No
10th Avenue	Kirk Road	Congress Avenue	4L	1,860	0%	o	0	0	0.00%	No	0.00%	No
Lake Worth Rd	Florida Turnpike	Pinehurst Drive	6LD	2,940	5%	i	7	4	0.24%	No	0.14%	No
Lake Worth Rd	Pinehurst Drive	Jog Road	6LD	2,940	5%	i	7	4	0.24%	No	0.14%	No
Lake Worth Rd	Jog Road	Sherwood Forest Boulevard	6LD	2,940	5%	i	7	4	0.24%	No	0.14%	No
Lake Worth Rd	Sherwood Forest Boulevard	Haverhill Road	6LD	2,940	5%	i	7	4	0.24%	No	0.14%	No
Lake Worth Rd	Haverhill Road	Military Trail	6LD	2,940	0%	o	0	0	0.00%	No	0.00%	No
Lake Worth Rd	Military Trail	Kirk Road	6LD	2,940	2%	o	2	3	0.07%	No	0.10%	No
Lake Worth Rd	Kirk Road	2nd Avenue	6LD	2,940	0%	o	0	0	0.00%	No	0.00%	No
Lake Worth Rd	2nd Avenue	Congress Avenue	6LD	2,940	0%	o	0	0	0.00%	No	0.00%	No
Lake Worth Rd	Congress Avenue	Boutwell Road	4LD	1,960	0%	o	0	0	0.00%	No	0.00%	No
Melaleuca Lane	Jog Road	Haverhill Road	4L	1,860	5%	i	7	4	0.38%	No	0.22%	No
Melaleuca Lane	Haverhill Road	Military Trail	4L	1,860	0%	o	0	0	0.00%	No	0.00%	No
Melaleuca Lane	Military Trail	Kirk Road	4L	1,860	2%	o	2	3	0.11%	No	0.16%	No
Melaleuca Lane	Kirk Road	Congress Avenue	4L	1,860	0%	o	0	0	0.00%	No	0.00%	No
Melaleuca Lane	Congress Avenue	I-95	4LD	1,870	0%	o	0	0	0.00%	No	0.00%	No
Lantana Road	Florida Turnpike	Hagen Ranch Road	4LD	1,960	5%	i	7	4	0.36%	No	0.20%	No
Lantana Road	Hagen Ranch Road	Jog Road	6LD	2,940	10%	i	14	9	0.48%	No	0.31%	No
Lantana Road	Jog Road	Haverhill Road	6LD	2,830	25%	i	35	22	1.24%	No	0.78%	No
Lantana Road	Haverhill Road	Military Trail	6LD	2,940	30%	o	26	42	0.88%	No	1.43%	No
Lantana Road	Military Trail	Lawrence Road	6LD	2,940	15%	o	13	21	0.44%	No	0.71%	No
Lantana Road	Lawrence Road	Congress Avenue	6LD	2,940	15%	o	13	21	0.44%	No	0.71%	No
Lantana Road	Congress Avenue	I-95	6LD	2,940	10%	o	9	14	0.31%	No	0.48%	No
Hypoluxo Road	Florida Turnpike	Hagen Ranch Road	4LD	1,960	5%	i	7	4	0.36%	No	0.20%	No
Hypoluxo Road	Hagen Ranch Road	Jog Road	4LD	1,960	5%	i	7	4	0.36%	No	0.20%	No
Hypoluxo Road	Jog Road	Haverhill Road	6LD	2,940	10%	i	14	9	0.48%	No	0.31%	No
Hypoluxo Road	Haverhill Road	Military Trail	6LD	2,830	10%	o	9	14	0.32%	No	0.49%	No
Hypoluxo Road	Military Trail	Lawrence Road	6LD	2,940	10%	o	9	14	0.31%	No	0.48%	No
Hypoluxo Road	Lawrence Road	Congress Avenue	6LD	2,830	10%	o	9	14	0.32%	No	0.49%	No
Hypoluxo Road	Congress Avenue	I-95	6LD	2,940	10%	o	9	14	0.31%	No	0.48%	No
Le Chalet Boulevard	Hagen Ranch Road	Jog Road	2L	860	0%	i	0	0	0.00%	No	0.00%	No
Le Chalet Boulevard	Jog Road	Haverhill Road	4LD	1,960	0%	i	0	0	0.00%	No	0.00%	No
Le Chalet Boulevard	Haverhill Road	Military Trail	4LD	1,870	0%	o	0	0	0.00%	No	0.00%	No
Pinehurst Drive	Forest Hill Boulevard	Oakmont Dr	2L	880	0%	i	0	0	0.00%	No	0.00%	No
Pinehurst Drive	Oakmont Dr	Lake Worth Road	2L	860	0%	i	0	0	0.00%	No	0.00%	No
Hagen Ranch Road	Lantana Road	Hypoluxo Road	2L	860	5%	o	4	7	0.47%	No	0.81%	No
Hagen Ranch Road	Hypoluxo Road	Le Chalet Boulevard	2L	880	5%	o	4	7	0.45%	No	0.80%	No
Jog Road	Cresthaven Boulevard	10th Avenue	6LD	2,940	10%	i	14	9	0.48%	No	0.31%	No
Jog Road	10th Avenue	Lake Worth Road	6LD	2,940	5%	i	7	4	0.24%	No	0.14%	No
Jog Road	Lake Worth Road	Melaleuca Lane	6LD	2,940	5%	i	7	4	0.24%	No	0.14%	No
Jog Road	Melaleuca Lane	Lantana Road	6LD	2,940	5%	i	7	4	0.24%	No	0.14%	No
Jog Road	Lantana Road	Hypoluxo Road	6LD	2,940	10%	o	9	14	0.31%	No	0.48%	No
Jog Road	Hypoluxo Road	Le Chalet Boulevard	6LD	2,940	15%	o	13	21	0.44%	No	0.71%	No
Jog Road	Le Chalet Boulevard	Gateway Boulevard	6LD	2,940	15%	o	13	21	0.44%	No	0.71%	No
Sherwood Forest Boulevard	Cresthaven Boulevard	10th Avenue	2L	880	0%	i	0	0	0.00%	No	0.00%	No
Sherwood Forest Boulevard	10th Avenue	Lakeworth Road	2L	880	0%	i	0	0	0.00%	No	0.00%	No
Haverhill Road	Cresthaven Boulevard	10th Avenue	4L	1,780	10%	i	14	9	0.79%	No	0.51%	No
Haverhill Road	10th Avenue	Lake Worth Road	4L	1,780	15%	i	21	13	1.18%	No	0.73%	No
Haverhill Road	Lake Worth Road	Melaleuca Lane	4L	1,780	20%	i	28	17	1.57%	No	0.96%	No
Haverhill Road	Melaleuca Lane	Lantana Road	4LD	1,870	25%	i	35	22	1.87%	No	1.18%	No
Haverhill Road	Lantana Road	Hypoluxo Road	4LD	1,960	20%	o	17	28	0.87%	No	1.43%	No
Haverhill Road	Hypoluxo Road	Le Chalet Boulevard	2L	860	0%	o	0	0	0.00%	No	0.00%	No
Haverhill Road	Le Chalet Boulevard	Military Trail	2L	860	0%	o	0	0	0.00%	No	0.00%	No
Military Trail	Cresthaven Boulevard	10th Avenue	6LD	2,940	1%	i	1	1	0.03%	No	0.03%	No
Military Trail	10th Avenue	Lake Worth Road	6LD	2,940	1%	i	1	1	0.03%	No	0.03%	No
Military Trail	Lake Worth Road	Melaleuca Lane	6LD	2,830	3%	i	4	3	0.14%	No	0.11%	No
Military Trail	Melaleuca Lane	Lantana Road	6LD	2,830	5%	i	7	4	0.25%	No	0.14%	No
Military Trail	Lantana Road	Hypoluxo Road	6LD	2,830	10%	o	9	14	0.32%	No	0.49%	No
Military Trail	Hypoluxo Road	Miner Road	6LD	2,830	10%	o	9	14	0.32%	No	0.49%	No
Military Trail	Miner Road	Le Chalet Boulevard	6LD	2,830	10%	o	9	14	0.32%	No	0.49%	No
Military Trail	Le Chalet Boulevard	Gateway Boulevard	6LD	2,940	10%	o	9	14	0.31%	No	0.48%	No
Kirk Road	Purdy Lane	10th Avenue	2L	860	0%	i	0	0	0.00%	No	0.00%	No
Kirk Road	10th Avenue	Lake Worth Road	2L	860	0%	i	0	0	0.00%	No	0.00%	No
Kirk Road	Lake Worth Road	Melaleuca Lane	2L	860	0%	i	0	0	0.00%	No	0.00%	No
Lawrence Road	Lantana Road	Hypoluxo Road	2L	860	0%	o	0	0	0.00%	No	0.00%	No
Lawrence Road	Hypoluxo Road	Miner Road	4LD	1,960	0%	o	0	0	0.00%	No	0.00%	No
Lawrence Road	Miner Road	Gateway Boulevard	4LD	1,870	0%	o	0	0	0.00%	No	0.00%	No
Congress Avenue	Forestill Boulevard	10th Avenue	6LD	2,830	3.0%	i	4	3	0.14%	No	0.11%	No
Congress Avenue	10th Avenue	2nd Avenue	6LD	2,940	3.0%	i	4	3	0.14%	No	0.10%	No
Congress Avenue	2nd Avenue	Lake Worth Road	6LD	2,830	3.0%	i	4	3	0.14%	No	0.11%	No
Congress Avenue	Lake Worth Road	Melaleuca Lane	6LD	2,830	3.0%	i	4	3	0.14%	No	0.11%	No
Congress Avenue	Melaleuca Lane	Lantana Road	6LD	2,830	3.0%	i	4	3	0.14%	No	0.11%	No
Congress Avenue	Lantana Road	Hypoluxo Road	4LD	1,960	2.0%	o	2	3	0.15%	No	0.15%	No
Congress Avenue	Hypoluxo Road	Miner Road	6LD	2,940	2.0%	o	2	3	0.07%	No	0.10%	No

Table 4: Short-Range (Year 2027) PM Peak Hour Significance Analysis

ROADWAY	FROM	TO	COMMITTED NUMBER OF LANES	LOS E GENERAL SVC. VOLUME	PROJECT % ASSIGNMENT	NB/EB IN/OUT?	PROJECT TRIPS					
							TRIPS		PM PEAK HOUR			
							NB/EB	SB/WB	NB/EB	SIG?	SB/WB	SIG?
10th Avenue	Jog Road	Sherwood Forest Boulevard	4LD	1,960	5%	i	22	24	1.12%	No	1.22%	No
10th Avenue	Sherwood Forest Boulevard	Haverhill Road	4LD	1,870	5%	i	22	24	1.18%	No	1.28%	No
10th Avenue	Haverhill Road	Military Trail	4L	1,780	0%	o	0	0	0.00%	No	0.00%	No
10th Avenue	Military Trail	Kirk Road	4L	1,860	0%	o	0	0	0.00%	No	0.00%	No
10th Avenue	Kirk Road	Congress Avenue	4L	1,860	0%	o	0	0	0.00%	No	0.00%	No
Lake Worth Rd	Florida Turnpike	Pinehurst Drive	6LD	2,940	5%	i	22	24	0.75%	No	0.82%	No
Lake Worth Rd	Pinehurst Drive	Jog Road	6LD	2,940	5%	i	22	24	0.75%	No	0.82%	No
Lake Worth Rd	Jog Road	Sherwood Forest Boulevard	6LD	2,940	5%	i	22	24	0.75%	No	0.82%	No
Lake Worth Rd	Sherwood Forest Boulevard	Haverhill Road	6LD	2,940	5%	i	22	24	0.75%	No	0.82%	No
Lake Worth Rd	Haverhill Road	Military Trail	6LD	2,940	0%	o	0	0	0.00%	No	0.00%	No
Lake Worth Rd	Military Trail	Kirk Road	6LD	2,940	2%	o	10	9	0.34%	No	0.31%	No
Lake Worth Rd	Kirk Road	2nd Avenue	6LD	2,940	0%	o	0	0	0.00%	No	0.00%	No
Lake Worth Rd	2nd Avenue	Congress Avenue	6LD	2,940	0%	o	0	0	0.00%	No	0.00%	No
Lake Worth Rd	Congress Avenue	Boutwell Road	4LD	1,960	0%	o	0	0	0.00%	No	0.00%	No
Melaleuca Lane	Jog Road	Haverhill Road	4L	1,860	5%	i	22	24	1.18%	No	1.29%	No
Melaleuca Lane	Haverhill Road	Military Trail	4L	1,860	0%	o	0	0	0.00%	No	0.00%	No
Melaleuca Lane	Military Trail	Kirk Road	4L	1,860	2%	o	10	9	0.54%	No	0.48%	No
Melaleuca Lane	Kirk Road	Congress Avenue	4L	1,860	0%	o	0	0	0.00%	No	0.00%	No
Melaleuca Lane	Congress Avenue	I-95	4LD	1,870	0%	o	0	0	0.00%	No	0.00%	No
Lantana Road	Florida Turnpike	Hagen Ranch Road	4LD	1,960	5%	i	22	24	1.12%	No	1.22%	No
Lantana Road	Hagen Ranch Road	Jog Road	6LD	2,940	10%	i	44	48	1.50%	No	1.63%	No
Lantana Road	Jog Road	Haverhill Road	6LD	2,830	25%	i	111	120	3.92%	Yes	4.24%	Yes
Lantana Road	Haverhill Road	Military Trail	6LD	2,940	30%	o	144	133	4.90%	Yes	4.52%	Yes
Lantana Road	Military Trail	Lawrence Road	6LD	2,940	15%	o	72	67	2.45%	No	2.28%	No
Lantana Road	Lawrence Road	Congress Avenue	6LD	2,940	15%	o	72	67	2.45%	No	2.28%	No
Lantana Road	Congress Avenue	I-95	6LD	2,940	10%	o	48	44	1.63%	No	1.50%	No
Hypoluxo Road	Florida Turnpike	Hagen Ranch Road	4LD	1,960	5%	i	22	24	1.12%	No	1.22%	No
Hypoluxo Road	Hagen Ranch Road	Jog Road	4LD	1,960	5%	i	22	24	1.12%	No	1.22%	No
Hypoluxo Road	Jog Road	Haverhill Road	6LD	2,940	10%	i	44	48	1.50%	No	1.63%	No
Hypoluxo Road	Haverhill Road	Military Trail	6LD	2,830	10%	o	48	44	1.70%	No	1.55%	No
Hypoluxo Road	Military Trail	Lawrence Road	6LD	2,940	10%	o	48	44	1.63%	No	1.50%	No
Hypoluxo Road	Lawrence Road	Congress Avenue	6LD	2,830	10%	o	48	44	1.70%	No	1.55%	No
Hypoluxo Road	Congress Avenue	I-95	6LD	2,940	10%	o	48	44	1.63%	No	1.50%	No
Le Chalet Boulevard	Hagen Ranch Road	Jog Road	2L	860	0%	i	0	0	0.00%	No	0.00%	No
Le Chalet Boulevard	Jog Road	Haverhill Road	4LD	1,960	0%	i	0	0	0.00%	No	0.00%	No
Le Chalet Boulevard	Haverhill Road	Military Trail	4LD	1,870	0%	o	0	0	0.00%	No	0.00%	No
Pinehurst Drive	Forest Hill Boulevard	Oakmont Dr	2L	880	0%	i	0	0	0.00%	No	0.00%	No
Pinehurst Drive	Oakmont Dr	Lake Worth Road	2L	860	0%	i	0	0	0.00%	No	0.00%	No
Hagen Ranch Road	Lantana Road	Hypoluxo Road	2L	860	5%	o	24	22	2.79%	No	2.56%	No
Hagen Ranch Road	Hypoluxo Road	Le Chalet Boulevard	2L	880	5%	o	24	22	2.73%	No	2.50%	No
Jog Road	Creshaven Boulevard	10th Avenue	6LD	2,940	10%	i	44	48	1.50%	No	1.63%	No
Jog Road	10th Avenue	Lake Worth Road	6LD	2,940	5%	i	22	24	0.75%	No	0.82%	No
Jog Road	Lake Worth Road	Melaleuca Lane	6LD	2,940	5%	i	22	24	0.75%	No	0.82%	No
Jog Road	Melaleuca Lane	Lantana Road	6LD	2,940	5%	i	22	24	0.75%	No	0.82%	No
Jog Road	Lantana Road	Hypoluxo Road	6LD	2,940	10%	o	48	44	1.63%	No	1.50%	No
Jog Road	Hypoluxo Road	Le Chalet Boulevard	6LD	2,940	15%	o	72	67	2.45%	No	2.28%	No
Jog Road	Le Chalet Boulevard	Gateway Boulevard	6LD	2,940	15%	o	72	67	2.45%	No	2.28%	No
Sherwood Forest Boulevard	Creshaven Boulevard	10th Avenue	2L	880	0%	i	0	0	0.00%	No	0.00%	No
Sherwood Forest Boulevard	10th Avenue	Lakeworth Road	2L	880	0%	i	0	0	0.00%	No	0.00%	No
Haverhill Road	Creshaven Boulevard	10th Avenue	4L	1,780	10%	i	44	48	2.47%	No	2.70%	No
Haverhill Road	10th Avenue	Lake Worth Road	4L	1,780	15%	i	67	72	3.76%	Yes	4.04%	Yes
Haverhill Road	Lake Worth Road	Melaleuca Lane	4L	1,780	20%	i	89	96	5.00%	Yes	5.39%	Yes
Haverhill Road	Melaleuca Lane	Lantana Road	4LD	1,870	25%	i	111	120	5.94%	Yes	6.42%	Yes
Haverhill Road	Lantana Road	Hypoluxo Road	4LD	1,960	20%	o	96	89	4.90%	Yes	4.54%	Yes
Haverhill Road	Hypoluxo Road	Le Chalet Boulevard	2L	860	0%	o	0	0	0.00%	No	0.00%	No
Haverhill Road	Le Chalet Boulevard	Military Trail	2L	860	0%	o	0	0	0.00%	No	0.00%	No
Military Trail	Creshaven Boulevard	10th Avenue	6LD	2,940	1%	i	4	5	0.14%	No	0.17%	No
Military Trail	10th Avenue	Lake Worth Road	6LD	2,940	1%	i	4	5	0.14%	No	0.17%	No
Military Trail	Lake Worth Road	Melaleuca Lane	6LD	2,830	3%	i	13	14	0.46%	No	0.49%	No
Military Trail	Melaleuca Lane	Lantana Road	6LD	2,830	5%	i	22	24	0.78%	No	0.85%	No
Military Trail	Lantana Road	Hypoluxo Road	6LD	2,830	10%	o	48	44	1.70%	No	1.55%	No
Military Trail	Hypoluxo Road	Miner Road	6LD	2,830	10%	o	48	44	1.70%	No	1.55%	No
Military Trail	Miner Road	Le Chalet Boulevard	6LD	2,830	10%	o	48	44	1.70%	No	1.55%	No
Military Trail	Le Chalet Boulevard	Gateway Boulevard	6LD	2,940	10%	o	48	44	1.63%	No	1.50%	No
Kirk Road	Purdy Lane	10th Avenue	2L	860	0%	i	0	0	0.00%	No	0.00%	No
Kirk Road	10th Avenue	Lake Worth Road	2L	860	0%	i	0	0	0.00%	No	0.00%	No
Kirk Road	Lake Worth Road	Melaleuca Lane	2L	860	0%	i	0	0	0.00%	No	0.00%	No
Lawrence Road	Lantana Road	Hypoluxo Road	2L	860	0%	o	0	0	0.00%	No	0.00%	No
Lawrence Road	Hypoluxo Road	Miner Road	4LD	1,960	0%	o	0	0	0.00%	No	0.00%	No
Lawrence Road	Miner Road	Gateway Boulevard	4LD	1,870	0%	o	0	0	0.00%	No	0.00%	No
Congress Avenue	Foreshill Boulevard	10th Avenue	6LD	2,940	3.0%	i	13	14	0.46%	No	0.49%	No
Congress Avenue	10th Avenue	2nd Avenue	6LD	2,830	3.0%	i	13	14	0.44%	No	0.48%	No
Congress Avenue	2nd Avenue	Lake Worth Road	6LD	2,830	3.0%	i	13	14	0.46%	No	0.49%	No
Congress Avenue	Lake Worth Road	Melaleuca Lane	6LD	2,830	3.0%	i	13	14	0.46%	No	0.49%	No
Congress Avenue	Melaleuca Lane	Lantana Road	6LD	2,830	3.0%	i	13	14	0.46%	No	0.49%	No
Congress Avenue	Lantana Road	Hypoluxo Road	4LD	1,960	2.0%	o	10	9	0.51%	No	0.46%	No
Congress Avenue	Hypoluxo Road	Miner Road	6LD	2,940	2.0%	o	10	9	0.34%	No	0.31%	No

Capacity Analysis Short Range (Year 2027)

The future traffic volume on each roadway identified in **Table 3** and **4** to be significantly impacted by the projected traffic were evaluated upon the Test 2 criteria defined in Article 12 of the Palm Beach County Unified Land Development Code. **Table 5** provides the PM peak hour capacity analysis on the significantly impacted Thoroughfare network and local roadways. Traffic volumes were taken from the Palm Beach County Engineer and Public Works Website and Palm Beach County TPS. As shown in **Table 5**, the significantly impacted roadways during the PM peak hour are projected to meet the applicable LOS standards. A compound annual growth rate was determined using data collected from the Palm Beach County Engineering and Public Works website, however, due to the value being negative a compound annual growth rate of 1% was used.

Table 5: Short-Range (Year 2027) Test 2 Link Capacity Analysis- PM Peak Hour

Roadway	Existing		LOS E Service Volume	Direction	Significantly Impacted?	Count Year	Count Year Traffic Volume	Committed Traffic - Option #1			Committed Traffic - Option #2			Utilized (Maximum) Committed Traffic	Project Traffic	2027 Total Traffic	Meets Standard	Back-ground Def.	
								Lanes	Facility Type	Committed Traffic (from TPS)	1.0% Traffic Growth	Committed plus 1.0%	Historic Growth Rate (from TPS)						Max Historic Growth or 1%
Lantana Road	Jog Road	Haverhill Road	6LD Class II	2830	NB/EB	Yes	2022	1758	204	90	294	1.00%	1.00%	90	294	111	2163	Yes	-
			6LD Class II	2830	SB/WB	Yes	2022	1686	218	86	304	1.00%	1.00%	86	304	120	2110	Yes	-
Lantana Road	Haverhill Road	Military Trail	6LD Class I	2940	NB/EB	Yes	2022	1759	148	90	238	1.00%	1.00%	90	238	144	2141	Yes	-
			6LD Class I	2940	SB/WB	Yes	2022	2047	175	104	279	1.00%	1.00%	104	279	133	2459	Yes	-
Haverhill Road	10th Avenue	Lake Worth Road	5L Class II	1780	NB/EB	Yes	2022	915	44	47	91	1.00%	1.00%	47	91	67	1073	Yes	-
			5L Class II	1780	SB/WB	Yes	2022	762	46	39	85	1.00%	1.00%	39	85	72	919	Yes	-
Haverhill Road	Lake Worth Road	Melaleuca Lane	4L Class II	1780	NB/EB	Yes	2022	767	33	39	72	1.00%	1.00%	39	72	89	928	Yes	-
			4L Class II	1780	SB/WB	Yes	2022	690	31	35	66	1.00%	1.00%	35	66	96	852	Yes	-
Haverhill Road	Melaleuca Lane	Lantana Road	4LD Class II	1870	NB/EB	Yes	2019	616	54	51	105	1.00%	1.00%	51	105	111	832	Yes	-
			4LD Class II	1870	SB/WB	Yes	2019	729	49	60	109	1.00%	1.00%	60	109	120	958	Yes	-
Haverhill Road	Lantana Road	Hypoluxo Road	4LD Class I	1960	NB/EB	Yes	2019	713	66	59	125	1.00%	1.00%	59	125	96	934	Yes	-
			4LD Class I	1960	SB/WB	Yes	2019	469	68	39	107	1.00%	1.00%	39	107	89	665	Yes	-

1

¹ For “Haverhill Road from Melaleuca Lane to Lanta Road” and for “Haverhill Road from Lantana Road to Hypoluxo Road” no 2022 volumes were found, hence the values from the Downloaded TPS sheets were used with the appropriate growth rate.

LONG-RANGE (2045) PLANNING HORIZON

As noted, the existing land use is commercial low for the 9.66 acre-site, equating to 210,395 square feet of retail. The maximum development under the proposed commercial high land use is 357,671 square feet of retail. Therefore, the net increase in daily trip generation potential is 4,142 daily trips. For this analysis the radius of developmental influence is 2 miles. Significance was determined in accordance with Table 3.5-1 from the Palm Beach County Future Land Use Element (FLUE). As per the FLUE, during the long-range horizon, a link is considered significantly impacted where the net trip increase impacting roads is greater than one percent (1%) for volume to capacity ratio (v/c) of 1.4 or more, two percent (2%) for v/c of 1.2 or more and three percent (3%) for v/c of less than 1.2 of the level of service "D" capacity on an AADT basis of the link affected up to the limits set forth in **Table 6**.

Table 6: Long-Range Significance Determination

NET EXTERNAL DAILY TRIP GENERATION			RADIUS
1	through	50	No Significant Impact
50	through	1,000	Directly Accessed Link(s)
1,001	through	4,000	1 mile
4,001	through	8,000	2 miles
8,001	through	12,000	3 miles
12,001	through	20,000	4 miles
20,000	and	Up	5 miles

Note: Source table 3.5-1 - Significant Impact of PBC FLUE

As shown in **Table 7**, the following roadway links are projected to be significantly impacted by the proposed project under significance determination standards:

- Haverhill Road – from Melaleuca Lane to Lantana Road
- Haverhill Road – from Lantana Road to Hypoluxo Road

The significantly impacted roadway links that are mentioned above are projected to meet LOS D standards in the year 2045.

Project traffic in the surrounding area was taken from the Palm Beach County Planning Division website. Eastwind TMT Lantana MUPD project was also studied, however it was determined to forgo that study due to the long-range trip differential being negative.

Relevant project information is in the Appendix.

Table 7: Long-Range (Year 2045) Daily Significance Analysis

ROADWAY	FROM	TO	COMMITTED NUMBER OF LANES	LOS D GENERAL SVC. VOLUME	2045 ADJUSTED DAILY VOLUME	Committed Traffic	PROJECT TRIPS				SIG?	2045 Total Volumes	Meet Standards
							PROJECT % ASSIGNMENT	DAILY TRIPS	V/C	% IMPACT			
Lake Worth Road	Sherwood Forest Boulevard	Haverhill Road	6LD	50,300	50,000	-	5%	207	1.00	0.41%	No	-	-
Lake Worth Road	Haverhill Road	Military Trail	6LD	50,300	51,100	-	0%	0	1.02	0.00%	No	-	-
Lake Worth Road	Military Trail	Kirk Road	6LD	50,300	51,800	-	2%	83	1.03	0.17%	No	-	-
Melaleuca Lane	Jog Road	Haverhill Road	5L	33,200	20,000	-	5%	207	0.61	0.62%	No	-	-
Melaleuca Lane	Haverhill Road	Military Trail	5L	33,200	26,200	-	0%	0	0.79	0.00%	No	-	-
Melaleuca Lane	Military Trail	Kirk Road	5L	33,200	28,100	-	2%	83	0.85	0.25%	No	-	-
Melaleuca Lane	Kirk Road	Davis Road	5L	33,200	29,100	-	0%	0	0.88	0.00%	No	-	-
Melaleuca Lane	Davis Road	Congress Avenue	6LD	50,300	29,100	-	0%	0	0.58	0.00%	No	-	-
Lantana Road	Florida Turnpike	Hagen Ranch Road	4LD	33,200	42,100	-	5%	207	1.27	0.62%	No	-	-
Lantana Road	Hagen Ranch Road	Jog Road	6LD	50,300	45,700	234	10%	414	0.92	0.82%	No	-	-
Lantana Road	Jog Road	Haverhill Road	6LD	50,300	50,300	-	25%	1,036	1.02	2.06%	No	-	-
Lantana Road	Haverhill Road	Military Trail	6LD	50,300	50,300	-	30%	1,243	1.02	2.47%	No	-	-
Lantana Road	Military Trail	Lawrence Road	6LD	50,300	55,100	-	15%	621	1.11	1.23%	No	-	-
Lantana Road	Lawrence Road	Congress Avenue	6LD	50,300	57,300	-	15%	621	1.15	1.23%	No	-	-
Lantana Road	Congress Avenue	High Ridge Road	6LD	50,300	49,500	-	10%	414	0.99	0.82%	No	-	-
Lantana Road	High Ridge Road	I-95	6LD	50,300	53,300	-	10%	414	1.07	0.82%	No	-	-
Hypoluxo Road	Hagen Ranch Road	Jog Road	4LD	33,200	31,800	-	5%	207	0.96	0.62%	No	-	-
Hypoluxo Road	Jog Road	Haverhill Road	6LD	50,300	35,700	166	10%	414	0.72	0.82%	No	-	-
Hypoluxo Road	Haverhill Road	Military Trail	6LD	50,300	42,900	-	10%	414	0.86	0.82%	No	-	-
Hypoluxo Road	Military Trail	Lawrence Road	6LD	50,300	42,700	-	10%	414	0.86	0.82%	No	-	-
Hypoluxo Road	Lawrence Road	Congress Avenue	6LD	50,300	49,900	-	10%	414	1.00	0.82%	No	-	-
Jog Road	Lake Worth Road	Melaleuca Lane	6LD	50,300	49,800	-	5%	207	0.99	0.41%	No	-	-
Jog Road	Melaleuca Lane	Lantana Road	6LD	50,300	50,000	-	5%	207	1.00	0.41%	No	-	-
Jog Road	Lantana Road	Winston Trail Boulevard	6LD	50,300	47,100	-	10%	414	0.94	0.82%	No	-	-
Jog Road	Winston Trail Boulevard	Hypoluxo Road	6LD	50,300	46,500	-	10%	414	0.93	0.82%	No	-	-
Haverhill Road	Lake Worth Road	Melaleuca Lane	5L	33,200	12,400	-	20%	828	0.40	2.49%	No	-	-
Haverhill Road	Melaleuca Lane	Lantana Road	4LD	33,200	17,400	-	25%	1,036	0.56	3.12%	Yes	18,436	Yes
Haverhill Road	Lantana Road	Hypoluxo Road	2L	15,200	12,000	-	20%	828	0.84	5.45%	Yes	12,828	Yes
Military Trail	Lake Worth Road	Melaleuca Lane	6LD	50,300	46,300	-	3%	124	0.92	0.25%	No	-	-
Military Trail	Melaleuca Lane	Lantana Road	6LD	50,300	46,900	-	5%	207	0.94	0.41%	No	-	-
Military Trail	Lantana Road	Hypoluxo Road	6LD	50,300	43,800	-	10%	414	0.88	0.82%	No	-	-
Kirk Road	Lake Worth Road	Melaleuca Lane	2L	15,200	7,800	-	0%	0	0.51	0.00%	No	-	-
Lawrence Road	Lantana Road	Hypoluxo Road	2L	15,200	12,800	-	0%	0	0.84	0.00%	No	-	-

CONCLUSION

The foregoing comprehensive plan traffic analysis has been conducted to evaluate the proposed future land use designation change from the existing Commercial Low (CL) to the proposed future land use designation change of Commercial High (CH). The project is located on the northeast corner of Lantana Road and Haverhill Road, in Palm Beach County, Florida. Based on the analyses conducted for each of the planning horizons (short-range and long-range), there are several significantly impacted links. However, under further analysis, all the links meet applicable LOS standards.

APPENDIX

Property Detail

Parcel Control Number: 00-42-44-36-37-001-0000	Location Address:		
Owners: LANTANA PARCEL LLC			
Mailing Address: 2100 HOLLYWOOD BLVD,HOLLYWOOD FL 33020 6701			
Last Sale: MAR-2019	Book/Page#: 30517 / 984	Price: \$1,600,000	
Property Use Code: 1000 - VACANT COMMERCIAL	Zoning: MUPD - Multiple Use Planned Dev' (00-UNINCORPORATED)		
Legal Description: LANTANA PLACE PAR A	Total SF: 0	Acres 9.6545	

2022 Values (Preliminary)

Improvement Value	\$5,228
Land Value	\$1,863,030
Total Market Value	\$1,868,258
Assessed Value	\$1,762,231
Exemption Amount	\$0
Taxable Value	\$1,762,231

All values are as of January 1st each year.

2022 Taxes (Preliminary)

Ad Valorem	\$30,364
Non Ad Valorem	\$495
Total Tax	\$30,859

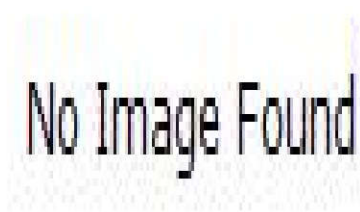
2022 Qualified Exemptions

No Details Found

Applicants

No Details Found

Building Footprint (Building 0)



Subarea and Square Footage (Building 0)

Description	Area	Sq. Footage
No Data Found.		

Extra Features

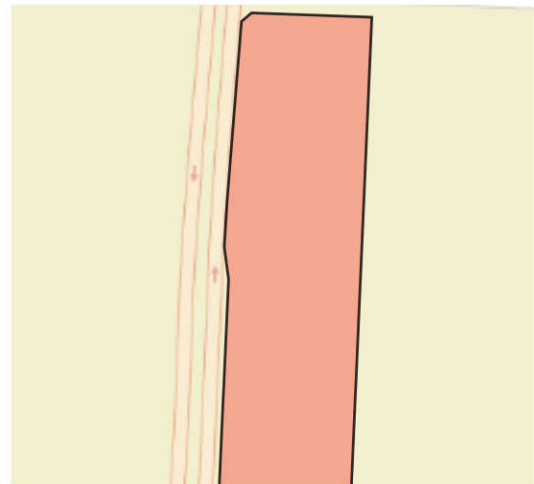
Description	Year Built	Unit
Paving- Asphalt	1954	1040
Fence- Chain Link 6ft #11 Gaug	1954	2900
Paving- Asphalt	1954	2500

Unit may represent the perimeter, square footage, linear footage, total number or other measurement.

Structural Details (Building 0)

Description

MAP



A B C D E F G H I

Input Data
 ROAD NAME: Haverhill Rd STATION: 4672 Report Created
 CURRENT YEAR: 2019 FROM: Midpoint 10/10/2022
 ANALYSIS YEAR: 2027 TO: Melaleuca Ln
 GROWTH RATE: -0.27% COUNT DATE: 2/4/2019
 PSF: 1

Link Analysis

Time Period	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Direction	1311	668	643	1334	616	729
Existing Volume	1311	668	643	1334	616	729
Peak Volume	0	0	0	0	0	0
Diversion (%)	1311	668	643	1334	616	729
Volume after Diversion						

Committed Developments							Type	% Complete
Colony AT Lake Worth PUD	0	0	0	0	0	0	Res	93%
Lantana Military MUPD	9	4	5	11	6	5	NR	62%
Toscana Isles	3	2	1	4	2	2	Res	50%
Lantana Library	0	0	0	0	0	0	NR	100%
Pinewood Square	2	1	1	6	3	3	NR	90%
Trinity Church International	27	11	16	9	5	4	NR	30%
Verona Palms	0	0	0	0	0	0	Res	100%
Marquez Jones	0	0	0	0	0	0	Res	95%
Lees Square	5	2	2	15	7	7	NR	75%
Raceway Market	29	14	14	26	13	13	NR	0%
Cumberland Farms	0	0	0	0	0	0	NR	100%
Trails Charter School	4	2	2	1	0	0	NR	65%
Mesa Townhomes	2	1	0	2	1	1	Res	0%
Treatment Center of the Palm Beaches	11	4	7	10	6	4	NR	42%
The Falls Commercial MUPD	9	4	4	8	4	4	NR	50%
Sherwood Plaza	4	2	2	4	2	2	NR	65%
Target Greenacres	1	1	1	6	3	3	NR	75%
4828 Lake Worth Road	4	2	2	3	1	1	NR	0%
Sabal Grove	0	0	0	0	0	0	Res	80%
Altis Lake	3	1	3	4	3	1	Res	0%
Total Committed Developments	113	51	60	109	56	50		
Total Committed Residential	8	4	4	10	6	4		
Total Committed Non-Residential	105	47	56	99	50	46		
Double Count Reduction	2	1	1	3	2	1		
Total Discounted Committed Developments	111	50	59	106	54	49		
Historical Growth	-28	-14	-14	-29	-13	-16		
Comm Dev+1% Growth	220	105	112	217	105	109		
Growth Volume Used	220	105	112	217	105	109		
Total Volume	1531	773	755	1551	721	838		

4LD						
LOS D Capacity	1480	810	810	1480	810	810
Link Meets Test 1?	NO	YES	YES	NO	YES	NO
LOS E Capacity	1570	1870	1870	1570	1870	1870
Link Meets Test 2?	YES	YES	YES	YES	YES	YES

Input Data
 ROAD NAME: Haverhill Rd STATION: 4672 Report Created
 CURRENT YEAR: 2019 FROM: Lantana Rd 10/10/2022
 ANALYSIS YEAR: 2027 TO: MIDPOINT
 GROWTH RATE: -0.27% COUNT DATE: 2/4/2019
 PSF: 1

Link Analysis

Time Period	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Direction	1311	668	643	1334	616	729
Existing Volume	1311	668	643	1334	616	729
Peak Volume	0	0	0	0	0	0
Diversion (%)	1311	668	643	1334	616	729
Volume after Diversion						

Committed Developments							Type	% Complete
Colony AT Lake Worth PUD	0	0	0	0	0	0	Res	93%
Lantana Military MUPD	9	4	5	11	6	5	NR	62%
Toscana Isles	3	2	1	4	2	2	Res	50%
Lantana Library	0	0	0	0	0	0	NR	100%
Pinewood Square	2	1	1	6	3	3	NR	90%
Trinity Church International	27	11	16	9	5	4	NR	30%
Verona Palms	0	0	0	0	0	0	Res	100%
Marquez Jones	0	0	0	0	0	0	Res	95%
Abell Property PUD	0	0	0	0	0	0	Res	100%
Lees Square	5	2	2	15	7	7	NR	75%
Raceway Market	29	14	14	26	13	13	NR	0%
Cumberland Farms	0	0	0	0	0	0	NR	100%
Trails Charter School	4	2	2	1	0	0	NR	65%
Mesa Townhomes	2	1	0	2	1	1	Res	0%
Treatment Center of the Palm Beaches	11	4	7	10	6	4	NR	42%
The Falls Commercial MUPD	9	4	4	8	4	4	NR	50%
Sherwood Plaza	4	2	2	4	2	2	NR	65%
Target Greenacres	1	1	1	6	3	3	NR	75%
4828 Lake Worth Road	4	2	2	3	1	1	NR	0%
Sabal Grove	0	0	0	0	0	0	Res	80%
Altis Lake	3	1	3	4	3	1	Res	0%
Total Committed Developments	113	51	60	109	56	50		
Total Committed Residential	8	4	4	10	6	4		
Total Committed Non-Residential	105	47	56	99	50	46		
Double Count Reduction	2	1	1	3	2	1		
Total Discounted Committed Developments	111	50	59	106	54	49		
Historical Growth	-28	-14	-14	-29	-13	-16		
Comm Dev+1% Growth	220	105	112	217	105	109		
Growth Volume Used	220	105	112	217	105	109		
Total Volume	1531	773	755	1551	721	838		

4LD						
LOS D Capacity	3220	1770	1770	3220	1770	1770
Link Meets Test 1?	YES	YES	YES	YES	YES	YES
LOS E Capacity	3400	1870	1870	3400	1870	1870
Link Meets Test 2?	YES	YES	YES	YES	YES	YES

A B C D E F G H I
 Input Data
 ROAD NAME: Lantana Rd STATION: 4675 Report Created
 CURRENT YEAR: 2019 FROM: Midpoint 10/10/2022
 ANALYSIS YEAR: 2027 TO: S Military Trl
 GROWTH RATE: 0.79% COUNT DATE: 3/2/2022
 PSF: 1

Link Analysis

Time Period	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Direction	3519	2043	1533	3883	1778	2125
Existing Volume	3519	2043	1533	3883	1778	2125
Peak Volume	0	0	0	0	0	0
Diversion(%)	3519	2009	1481	3883	1759	2047
Volume after Diversion						

Committed Developments						Type	% Complete	
Franklin Academy	13	7	6	3	1	1	NR	65%
Colony At Lake Worth PUD	3	3	1	4	1	3	Res	93%
Brynteson	0	0	0	0	0	0	Res	100%
Chimu Site	4	2	3	9	5	4	NR	0%
Lantern Key	0	0	0	0	0	0	Res	100%
Lantana Military MUPD	39	17	22	45	24	21	NR	62%
Toscana Isles	3	2	1	4	2	2	Res	50%
Lantana Library	0	0	0	0	0	0	NR	100%
Pinewood Square	3	2	2	11	6	6	NR	90%
Trinity Church International	45	18	27	16	9	7	NR	30%
Midland Commons	11	8	2	16	4	11	NR	0%
Verona Palms	0	0	0	0	0	0	Res	100%
Marquez Jones	0	0	0	0	0	0	Res	95%
Abell Property PUD	0	0	0	0	0	0	Res	100%
Lantana Airport SDA2	15	12	3	19	5	15	NR	0%
Lantana Airport SDA1	29	23	6	31	8	22	NR	0%
Lees Square	12	6	6	36	18	18	NR	75%
Raceway Market	67	34	34	61	30	31	NR	0%
Cumberland Farms	0	0	0	0	0	0	NR	100%
Trails Charter School	59	32	26	12	6	7	NR	65%
Treatment Center of the Palm Beaches	29	11	19	29	18	11	NR	42%
The Falls Commercial MUPD	9	4	4	8	4	4	NR	50%
Trails Landing	2	0	2	3	2	1	Res	0%
Sabal Grove	6	5	1	7	2	5	Res	80%
Heathwood Reserve	8	1	7	10	7	3	Res	0%
Total Committed Developments	357	187	172	324	152	172		
Total Committed Residential	22	11	12	28	14	14		
Total Committed Non-Residential	335	176	160	296	138	158		
Double Count Reduction	6	3	3	7	4	4		
Total Discounted Committed Developments	351	184	169	317	148	168		
Historical Growth	228	130	95	251	114	132		
Comm Dev+1% Growth	643	350	292	639	294	338		
Growth Volume Used	643	350	292	639	294	338		
Total Volume	4162	2359	1773	4522	2053	2385		

Lanes

6LD						
LOS D Capacity	4880	2940	2940	4880	2940	2940
Link Meets Test 1?	YES	YES	YES	YES	YES	YES
LOS E Capacity	5150	2940	2940	5150	2940	2940
Link Meets Test 2?	YES	YES	YES	YES	YES	YES

Input Data
 ROAD NAME: Lantana Rd STATION: 4675 Report Created
 CURRENT YEAR: 2019 FROM: S Haverhill Rd 10/10/2022
 ANALYSIS YEAR: 2027 TO: Midpoint
 GROWTH RATE: 0.79% COUNT DATE: 1/16/2019
 PSF: 1

Link Analysis

Time Period	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Direction	3519	2043	1533	3883	1778	2125
Existing Volume	3519	2043	1533	3883	1778	2125
Peak Volume	0	0	0	0	0	0
Diversion(%)	3519	2043	1533	3883	1778	2125
Volume after Diversion						

Committed Developments						Type	% Complete	
Franklin Academy	13	7	6	3	1	1	NR	65%
Colony At Lake Worth PUD	3	3	1	4	1	3	Res	93%
Brynteson	0	0	0	0	0	0	Res	100%
Chimu Site	4	2	3	9	5	4	NR	0%
Lantern Key	0	0	0	0	0	0	Res	100%
Lantana Military MUPD	39	22	17	45	21	24	NR	62%
Toscana Isles	3	2	1	4	2	2	Res	50%
Lantana Library	0	0	0	0	0	0	NR	100%
Pinewood Square	3	2	2	11	6	6	NR	90%
Trinity Church International	45	18	27	16	9	7	NR	30%
Midland Commons	11	8	2	16	4	11	NR	0%
Verona Palms	0	0	0	0	0	0	Res	100%
Marquez Jones	0	0	0	0	0	0	Res	95%
Abell Property PUD	0	0	0	0	0	0	Res	100%
Lantana Airport SDA2	15	12	3	19	5	15	NR	0%
Lantana Airport SDA1	29	23	6	31	8	22	NR	0%
Lees Square	12	6	6	36	18	18	NR	75%
Raceway Market	67	34	34	61	30	31	NR	0%
Cumberland Farms	0	0	0	0	0	0	NR	100%
Trails Charter School	59	32	26	12	6	7	NR	65%
Treatment Center of the Palm Beaches	29	19	11	29	11	18	NR	42%
The Falls Commercial MUPD	9	4	4	8	4	4	NR	50%
Trails Landing	2	0	2	3	2	1	Res	0%
Sabal Grove	1	0	1	2	1	1	Res	80%
Heathwood Reserve	8	1	7	10	7	3	Res	0%
Total Committed Developments	352	195	159	319	141	178		
Total Committed Residential	17	6	12	23	13	10		
Total Committed Non-Residential	335	189	147	296	128	168		
Double Count Reduction	4	2	3	6	3	3		
Total Discounted Committed Developments	348	193	156	313	138	175		
Historical Growth	228	132	99	251	115	138		
Comm Dev+1% Growth	640	362	283	635	285	351		
Growth Volume Used	640	362	283	635	285	351		
Total Volume	4159	2405	1816	4518	2063	2476		

Lanes

6LD						
LOS D Capacity	4880	2940	2940	4880	2940	2940
Link Meets Test 1?	YES	YES	YES	YES	YES	YES
LOS E Capacity	5150	2940	2940	5150	2940	2940
Link Meets Test 2?	YES	YES	YES	YES	YES	YES

A B C D E F G H I
 Input Data
 ROAD NAME: Lantana Rd STATION: 4619 Report Created
 CURRENT YEAR: 2019 FROM: Midpoint 10/10/2022
 ANALYSIS YEAR: 2027 TO: S Havenhill Rd
 GROWTH RATE: 3.22% COUNT DATE: 3/2/2022
 PSF: 1

Link Analysis

Time Period	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Direction	3103	1498	1617	3530	1793	1738
Existing Volume	3103	1498	1617	3530	1793	1738
Peak Volume	0	0	0	0	0	0
Diversion(%)	3103	2462	1735	3530	1758	1686
Volume after Diversion						

Committed Developments						Type	% Complete
Franklin Academy	34	19	15	7	3	4	NR 65%
Colony At Lake Worth PUD	4	3	1	5	2	3	Res 93%
Brynteson	0	0	0	0	0	0	Res 100%
Chimu Site	11	4	6	21	12	10	NR 0%
Lantana Military MUPD	39	22	17	45	21	24	NR 62%
Toscana Isles	5	1	4	6	4	2	Res 50%
Lantana Library	0	0	0	0	0	0	NR 100%
Osprey Oaks PUD	0	0	0	0	0	0	Res 100%
Pinewood Square	7	3	4	23	11	11	NR 90%
Sherbrooke Center	6	3	4	34	18	17	NR 35%
Trinity Church International	45	27	18	16	7	9	NR 30%
Lantana Farms PUD	17	13	4	23	9	15	Res 45%
Verona Palms	0	0	0	0	0	0	Res 100%
Manatee Elem.	0	0	0	0	0	0	NR 100%
Marquez Jones	0	0	0	0	0	0	Res 95%
Abell Property PUD	0	0	0	0	0	0	Res 100%
Lees Square	23	12	11	73	36	36	NR 75%
Raceway Market	71	36	36	65	32	33	NR 0%
Lantana Square Plaza Two	0	0	0	0	0	0	NR 100%
Cumberland Farms	0	0	0	0	0	0	NR 100%
Trails Charter School	47	26	21	10	5	5	NR 65%
Treatment Center of the Palm Beaches	11	7	4	10	4	6	NR 42%
The Falls Commercial MUPD	9	4	4	8	4	4	NR 50%
WAWA - Lake Worth & Jog	0	0	0	0	0	0	NR 100%
Sabal Grove	1	0	1	1	1	0	Res 80%
Altis Lake	25	19	5	30	11	20	Res 0%
Total Committed Developments	355	199	155	377	180	199	
Total Committed Residential	52	36	15	65	27	40	
Total Committed Non-Residential	303	163	140	312	153	159	
Double Count Reduction	13	9	4	16	7	10	
Total Discounted Committed Developments	342	190	151	361	173	189	
Historical Growth	895	421	500	1018	507	486	
Comm Dev+1% Growth	599	311	295	653	319	329	
Growth Volume Used	895	421	500	1018	507	486	
Total Volume	3998	1883	2235	4548	2265	2172	

Lanes	6LD					
LOS D Capacity	4880	2940	2940	4880	2940	2940
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

Input Data
 ROAD NAME: Lantana Rd STATION: 4619 Report Created
 CURRENT YEAR: 2019 FROM: S Jog Rd 10/10/2022
 ANALYSIS YEAR: 2027 TO: Midpoint
 GROWTH RATE: 3.22% COUNT DATE: 3/26/2019
 PSF: 1

Link Analysis

Time Period	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Direction	3103	1498	1617	3530	1793	1738
Existing Volume	3103	1498	1617	3530	1793	1738
Peak Volume	0	0	0	0	0	0
Diversion(%)	3103	1498	1617	3530	1793	1738
Volume after Diversion						

Committed Developments						Type	% Complete
Franklin Academy	34	19	15	7	3	4	NR 65%
Colony At Lake Worth PUD	3	1	2	3	2	1	Res 93%
Brynteson	0	0	0	0	0	0	Res 100%
Chimu Site	11	4	6	21	12	10	NR 0%
Lantana Military MUPD	39	22	17	45	21	24	NR 62%
Toscana Isles	5	1	4	6	4	2	Res 50%
Lantana Library	0	0	0	0	0	0	NR 100%
Osprey Oaks PUD	0	0	0	0	0	0	Res 100%
Pinewood Square	21	11	10	68	34	34	NR 90%
Sherbrooke Center	6	3	4	34	18	17	NR 35%
Trinity Church International	45	27	18	16	7	9	NR 30%
Lantana Farms PUD	17	13	4	23	9	15	Res 45%
Verona Palms	0	0	0	0	0	0	Res 100%
Manatee Elem.	0	0	0	0	0	0	NR 100%
Marquez Jones	0	0	0	0	0	0	Res 95%
Abell Property PUD	0	0	0	0	0	0	Res 100%
Lees Square	35	17	18	109	54	55	NR 75%
Raceway Market	48	24	24	44	22	22	NR 0%
Lantana Square Plaza Two	0	0	0	0	0	0	NR 100%
Cumberland Farms	0	0	0	0	0	0	NR 100%
Trails Charter School	47	26	21	10	5	5	NR 65%
Treatment Center of the Palm Beaches	11	7	4	10	4	6	NR 42%
The Falls Commercial MUPD	9	4	4	8	4	4	NR 50%
WAWA - Lake Worth & Jog	0	0	0	0	0	0	NR 100%
Sabal Grove	1	0	1	1	1	0	Res 80%
Altis Lake	25	19	5	30	11	20	Res 0%
Total Committed Developments	357	198	157	435	211	228	
Total Committed Residential	51	34	16	63	27	38	
Total Committed Non-Residential	306	164	141	372	184	190	
Double Count Reduction	13	9	4	16	7	10	
Total Discounted Committed Developments	344	189	153	419	204	218	
Historical Growth	895	432	466	1018	517	501	
Comm Dev+1% Growth	601	313	287	711	353	362	
Growth Volume Used	895	432	466	1018	517	501	
Total Volume	3998	1930	2083	4548	2310	2239	

Lanes	6LD					
LOS D Capacity	4880	2940	2940	4880	2940	2940
Link Meets Test 1?	YES	YES	YES	YES	YES	YES
LOS E Capacity	5150	2940	2940	5150	2940	2940
Link Meets Test 2?	YES	YES	YES	YES	YES	YES

	2022	2021	2019	2018		
Lake Worth Road(Florida Turnpike to Pinehurst Drive)	39023		41990		-2.41%	Total Average -0.40%
Lake Worth Road(Pinehurst Drive to Jog Road)	49460		50548		-0.72%	
Lake Worth Road(Jog Road to Sherwood Forest Boulevard)	44825		50478		-3.88%	
Lake Worth Road(Sherwood Forest Boulevard to Haverhill Road)	42567		44696		-1.61%	
Lake Worth Road(Military Trail to Kirk Road)	43260		43679		-0.32%	
Melaleuca Lane (from Jog Road to Haverhill Road)	-	14646	16894	16846	-4.56%	
Melaleuca Lane (Haverhill Road to Military Trail)	23915		27540		-4.60%	
Melaleuca Lane (Military Trail to Kirk Road)	27707		28164		-0.54%	
Melaleuca Lane (Krik Road to Congress Avenue)	30225		30957		-0.79%	
Lantana Road (Lyons Road to Hagen Ranch Road)	27739		28262		-0.62%	
Lantana Road (Hagen Ranch Road to Jog Road)	37944		36095		1.68%	
Lantana Road (Jog Road to Haverhill Road)	42709		43695		-0.76%	
Lantana Road (Haverhill Road to Military Trail)	44307		46680		-1.72%	
Lantana Road (Military Trail to Lawrence Road)	50093		49084		0.68%	
Lantana Road (Lawrence Road to Congress Avenue)	51320		50634		0.45%	
Lantana Road (Congress Avenue to High Ridge)	48864		48503		0.25%	
Hypoluxo Road (Florida Turnpike to Hagen Ranch Road)	26885		26856		0.04%	
Hypoluxo Road (Hagen Ranch Road to Jog Road)	27967		26850		1.37%	
Hypoluxo Road (Jog Road to Haverhill Road)	32822		31846		1.01%	
Hypoluxo Road (Military Trail to Lawrence Road)	46672		43902		2.06%	
Pinehurst Drive (Forest Hill Boulevard to 10th Avenue)	12681		11416		3.57%	
Pinehurst Drive (10th Avenue to Lake Worth Road)	10593		10248		1.11%	
Hagen Ranch Road (Lantana Road to Hypoluxo Road)	9928		10466		-1.74%	
Hagen Ranch Road (Hypoluxo Road to Gateway Boulevard)	12394		11388		2.86%	
Jog Road (10th Avenue to Lake Worth Road)	43184		43900		-0.55%	
Jog Road (Lake Worth Road to Melaleuca Lane)	47803		47872		-0.05%	
Jog Road (Melaleuca Lane to Lantana Road)	48450		46889		1.10%	
Jog Road (Lantana Road to Winston Trail Boulevard)	41127		40506		0.51%	
Jog Road (Winston Trail Boulevard to Hypoluxo Road)	40322		38516		1.54%	
Jog Road (Hypoluxo Road to Le Chalet Boulevard)	-	38446	42274	43270	-3.86%	
Jog Road (Le Chalet Boulevard to Gateway Boulevard)	37097		38752		-1.44%	
Sherwood Forest Boulevard (Cresthaven Boulevard to 10th Avenue)	10218		10881		-2.07%	
Sherwood Forest Boulevard (10th Avenue to Lake Worth Road)	9497		9655		-0.55%	
Haverhill Road (Cresthaven Boulevard to 10th Avenue)	23628		23399		0.33%	
Haverhill Road (10th Avenue to Lake Worth Road)	18832		17956		1.60%	
Haverhill Road (Lake Worth Road to Melaleuca Lane)	15625		13969		3.80%	
Military Trail (Melaleuca Lane to Lantana Road)	37751		37190		0.50%	
Lawrence Road (Hypoluxo Road to Gateway Boulevard)	16064		16895		-1.67%	
Congress Avenue (Lantana Road to Hypoluxo Road)	26138		27513		-1.69%	
	1252728		1267986			

SERPM 8 2045 Cost Feasible Adjusted Two-Way Traffic Volumes - Palm Beach County

PBC Station	FDOT Station	Roadway	From	To	Existing Lanes	Cost Feasible Lanes	2005 Counts	2010 Count	2015 Count	2018 Count	2015 Model	2045 Model	2045 Adjusted
6831	937169	GLADES RD	FAU Entrance/10th Ave NW	Boca Raton Blvd	6	6T	40,979	40,520	43,129	-	29,355	37,760	51,500
6833	930045	GLADES RD	Boca Raton Blvd	Old Dixie Hwy	6	6T	31,340	30,826	31,207	25,500	18,494	25,330	38,000
6837	930045	GLADES RD	Old Dixie Hwy	US-1 (Federal Hwy)	6	6T	21,142	18,587	25,998	19,633	18,494	25,330	32,800
	937528	GREENBRIAR BLVD	Greenview Shores Blv	Wellington Trace	4	4			-	-	132	487	500
3432	937319	GREENVIEW SHORES	Wellington Trc	South Shore Blvd	4	4	21,269	16,060	18,685	18,100	12,017	18,751	25,400
	937487	GULFSTREAM BLVD	Seacrest Blvd	US-1	2	2			-	-	604	968	1,000
3649	937092	GUN CLUB RD	Jog Rd	Haverhill Rd	2	3	6,740	4,227	3,918	4,917	2,033	3,038	4,900
3651	937093	GUN CLUB RD	Haverhill Rd	Military Tr	5	5	16,087	11,857	9,719	10,896	4,015	6,806	12,500
3653	937094	GUN CLUB RD	Military Tr	Kirk Rd	5	5	17,196	10,704	11,130	12,272	4,940	9,728	15,900
3655	937095	GUN CLUB RD	Kirk Rd	Congress Ave	5	5	16,544	11,374	11,215	12,119	11,136	17,741	17,900
5604	937076	HAGEN RANCH RD	W Atlantic Ave	Lake Ida Rd	4	4	16,979	18,059	16,220	17,392	13,900	20,748	24,200
5646	937077	HAGEN RANCH RD	Lake Ida Rd	Pipers Glen Blvd	4	4	15,607	13,249	12,896	14,914	12,072	18,610	19,900
5600	937075	HAGEN RANCH RD	Pipers Glen Blvd	Boynton Beach Blvd	4	4	17,772	18,471	17,559	19,853	21,295	27,498	23,800
5214	937138	HAGEN RANCH RD	Boynton Beach Blvd	Gateway Blvd	3	3	11,636	9,078	9,600	12,300	14,595	15,740	10,700
4666	937136	HAGEN RANCH RD	Gateway Blvd	Hypoluxo Rd	3	3	10,877	10,728	10,990	12,494	15,903	17,740	12,800
4668	937137	HAGEN RANCH RD	Hypoluxo Rd	Lantana Rd	3	3	13,573	9,993	9,576	9,869	14,250	15,867	11,200
	937579	HALL BLVD	Orange Blvd	Northlake Blvd	2	2			-	-	3,364	4,381	4,400
	937470	HATTON HWY	Gator Blvd	SR-700	2	2			-	-	310	360	400
4674	PBC041	HAVERHILL RD	Le Chalet Blvd	Hypoluxo Rd	2	3		10,669	11,353	11,763	1,227	47,915	58,000
4674	937149	HAVERHILL RD	Hypoluxo Rd	Lantana Rd	2	2	10,625	10,669	11,353	11,763	1,530	2,199	12,000
4672	937148	HAVERHILL RD	Lantana Rd	Melaleuca Ln	4	4	13,960	13,530	13,527	13,400	7,057	10,958	17,400
4646	937147	HAVERHILL RD	Melaleuca Ln	Lake Worth Rd	5	5	15,646	12,027	12,276	21,000	30,700	30,818	12,400
4638	937147	HAVERHILL RD	Lake Worth Rd	10th Ave N	5	5	18,150	18,363	18,786	21,000	30,700	30,818	18,900
4656	937147	HAVERHILL RD	10th Ave N	Cresthaven Blvd	5	5	22,083	19,560	22,017	23,879	30,700	30,818	22,100
4642	937146	HAVERHILL RD	Cresthaven Blvd	Purdy Ln	5	5	21,452	20,299	22,184	24,361	28,942	29,779	23,000
4224	937145	HAVERHILL RD	Purdy Ln	Forest Hill Blvd	5	5	23,092	21,919	22,762	25,534	29,018	29,313	23,100
3640	937038	HAVERHILL RD	Forest Hill Blvd	Summit Blvd	5	5	28,896	24,605	26,230	29,531	31,002	32,755	27,700
3634	937037	HAVERHILL RD	Summit Blvd	Southern Blvd	5	5	22,876	21,199	23,214	23,881	28,660	32,754	27,300
3608	937036	HAVERHILL RD	Southern Blvd	Belvedere Rd	5	5	22,051	20,031	22,190	22,809	16,965	23,923	29,100
3604	937035	HAVERHILL RD	Belvedere Rd	Okeechobee Blvd	5	5	24,162	20,120	21,666	22,502	17,017	24,783	29,400
3600	937008	HAVERHILL RD	Okeechobee Blvd	Community Dr	5	6	33,155	26,156	25,998	26,588	26,279	39,605	39,200
3672	937010	HAVERHILL RD	Community Dr	Roebuck Rd	5	5	30,533	22,464	22,121	23,238	19,921	28,880	32,100
3622	937009	HAVERHILL RD	Roebuck Rd	45th St	5	5	35,118	26,525	27,771	36,048	15,301	27,248	39,700
3202	937007	HAVERHILL RD	45th St	Beeline Hwy	5	5	20,202	14,297	14,643	16,087	8,331	12,876	19,200
	937723	HEIGHTS BLVD	Donald Ross Road	Central Blvd	2	2			-	-	2,144	2,478	2,500
6861	938529	HIDDEN VALLEY BLVD	Boca Raton Blvd	Old Dixie Hwy	4	4	8,517	6,526	7,588	7,914	1,934	4,524	10,200
	933501	HIGH RIDGE RD	Gateway Blvd	Miner Rd	2	5			-	-	11,351	20,407	20,400
4648	937304	HIGH RIDGE RD	Miner Rd	Hypoluxo Rd	2	2	7,646	5,322	6,527	7,139	5,322	6,924	8,500
	937483	HIGH RIDGE RD	Hypoluxo Road	Lk. Osborne Drive	2	2			-	-	8,089	9,746	9,700
2307	937055	HOLLY DR	Military Tr	SR 811	2	2	7,971	-	6,539	7,200	3,763	4,451	7,200

SERPM 8 2045 Cost Feasible Adjusted Two-Way Traffic Volumes - Palm Beach County

PBC Station	FDOT Station	Roadway	From	To	Existing Lanes	Cost Feasible Lanes	2005 Counts	2010 Count	2015 Count	2018 Count	2015 Model	2045 Model	2045 Adjusted
	937730	HOMEWOOD BLVD	Linton Blvd	Atlantic Ave	2	2			-	-	5,411	6,257	6,300
2105	937068	HOOD RD	Jog Road	Central Blvd	2	2	4,541	8,114	10,325	10,200	3,819	5,626	12,100
2611	937070	HOOD RD	Central Blvd	Military Tr	4	4	9,158	10,307	14,060	14,704	18,326	37,356	33,100
2213	937069	HOOD RD	Military Tr	SR 811	4	4	9,346	12,005	16,490	16,573	30,989	39,501	25,000
2613	937071	HOOD RD	SR-811	Prosperity Farms Rd	2	2	4,481	-	6,477	6,424	5,261	6,292	7,700
7041	930765	HOOKER HWY	SR-715	SR-80	2	4		5,772	4,461	4,600	2,822	13,393	15,000
4411	937281	HYPOLUXO RD	SR-7	Lyons Rd	4	4	4,021	6,281	9,710	11,951	15,570	23,188	17,300
4683	937281	HYPOLUXO RD	Lyons Rd	Fl Turnpike	4	4		10,207	16,237	20,258	15,570	23,188	24,200
4685	937004	HYPOLUXO RD	Fl Turnpike	Hagen Ranch Rd	4	4		16,460	22,673	26,780	20,547	25,935	28,600
4671	937281	HYPOLUXO RD	Hagen Ranch Rd	Jog Rd	4	4	17,166	20,001	24,215	27,664	15,570	23,188	31,800
4629	937004	HYPOLUXO RD	Jog Rd	Haverhill Rd	6	6	25,902	-	30,344	31,702	20,547	25,935	35,700
4681	937003	HYPOLUXO RD	Haverhill Rd	Military Tr	6	6	33,644	32,830	37,516	40,668	21,757	27,135	42,900
4607	937278	HYPOLUXO RD	Military Tr	Lawrence Rd	6	6	39,120	38,269	42,197	44,143	42,695	43,237	42,700
4621	937279	HYPOLUXO RD	Lawrence Rd	Congress Ave	6	61	41,223	37,042	41,057	40,601	33,472	40,685	49,900
4211	930068	HYPOLUXO RD	Congress Ave	I-95	6	6	40,625	38,668	44,434	44,000	39,472	42,838	48,200
4313	930069	HYPOLUXO RD	I-95	Seacrest Blvd	5	5	36,245	32,118	34,579	41,000	28,301	33,025	40,400
4809	937280	HYPOLUXO RD	Seacrest Blvd	Dixie Hwy	5	5	18,774	16,135	17,130	16,902	10,358	12,543	19,300
1605	937394	INDIAN CREEK BLVD	Central Blvd	Military Tr	4	4	8,988	11,279	12,329	13,933	7,409	10,703	15,600
1615	937396	INDIAN CREEK BLVD	Toney Penna Dr	Maplewood Dr	4	4	20,727	20,300	17,785	17,754	20,654	24,588	21,200
1613	937395	INDIAN CREEK PKWY	Central Blvd	Maplewood Dr	4	4	16,530	17,333	17,955	18,572	15,230	19,566	23,100
1405	938538	INDIANTOWN RD	Bee Line Hwy	Pratt-Whitney Rd	2	2	2,058	1,588	1,763	2,126	1,768	5,087	5,100
1403	938539	INDIANTOWN RD	Pratt-Whitney Rd	130th Ave N	2	2	5,427	4,678	4,985	6,400	6,037	14,831	13,800
1409	938539	INDIANTOWN RD	130th Ave N	Alexander Run	4	4		-	14,485	15,124	6,037	14,831	23,300
1407	937236	INDIANTOWN RD	Alexander Run	Jupiter Farms Rd	4	4	23,149	20,546	22,332	24,082	17,474	27,853	32,700
1103	930145	INDIANTOWN RD	Jupiter Farms Rd	Florida Turnpike	4	4	30,925	27,154	28,879	30,568	30,573	43,537	41,100
1201	930008	INDIANTOWN RD	Florida Turnpike	I-95 Interchange	6	6	49,557	36,761	48,380	59,724	44,442	70,276	76,500
1213	937235	INDIANTOWN RD	I-95 Interchange	Island Way	6	6	58,622	52,916	61,281	70,539	66,008	85,776	79,600
1617	937235	INDIANTOWN RD	Island Way	Central Blvd	6	61		-	60,253	70,000	66,008	85,776	78,300
1203	930748	INDIANTOWN RD	Central Blvd	Center St	6	6	53,810	47,768	53,551	52,000	45,081	56,332	66,900
1601	930661	INDIANTOWN RD	Center St	Military Tr	6	6	49,724	44,078	46,587	46,627	31,526	39,246	54,300
1209	930679	INDIANTOWN RD	Military Tr	SR-811	6	6	41,434	40,387	42,614	44,479	30,930	41,323	53,000
1807	930710	INDIANTOWN RD	SR-811	US 1	6	6	32,354	31,607	33,744	32,381	31,791	37,969	40,300
1811	930005	INDIANTOWN RD	US 1	SR A1A	4	4	13,683	15,450	16,998	16,884	7,807	8,758	17,900
2215	930015	INVESTMENT LN	Military Tr	Garden Rd	2	2		8,299	9,569	10,609	11,446	13,390	11,200
1620	937155	ISLAND WAY	Indiantown Rd	Martin County Line	4	4		8,279	14,149	15,983	8,775	11,346	16,700
6618	937049	JOG RD	Glades Rd	Potomac Rd	4	4	32,533	27,978	33,018	30,832	20,288	31,505	44,200
6634	937050	JOG RD	Potomac Rd	Yamato Rd	4	4	33,100	27,992	33,030	29,655	15,351	23,253	40,900
6616	937048	JOG RD	Yamato Rd	Clint Moore Rd	6	6	35,230	28,584	35,206	32,125	31,960	42,710	47,000
6200	937047	JOG RD	Clint Moore Rd	C-15 Canal	6	6	40,921	31,497	33,990	34,776	33,008	39,658	40,800
5622	937041	JOG RD	C-15 Canal	Linton Blvd	6	6	33,218	29,888	33,918	35,976	30,602	37,061	41,100

SERPM 8 2045 Cost Feasible Adjusted Two-Way Traffic Volumes - Palm Beach County

PBC Station	FDOT Station	Roadway	From	To	Existing Lanes	Cost Feasible Lanes	2005 Counts	2010 Count	2015 Count	2018 Count	2015 Model	2045 Model	2045 Adjusted
5620	937040	JOG RD	Linton Blvd	Normandy Ln	6	6l	44,546	33,935	38,158	40,135	39,406	50,389	48,800
	937432	JOG RD	Normandy Ln	Floral Lakes Dr	6	6l			-	-	35,362	46,564	46,600
5616	937039	JOG RD	Floral Lakes Dr	Atlantic Ave	6	6l	44,315	36,423	41,228	44,360	32,504	43,460	52,200
5642	937043	JOG RD	Atlantic Ave	Lake Ida Rd	6	6	33,623	28,947	31,958	32,024	14,654	16,669	34,000
5648	937045	JOG RD	Lake Ida Rd	Flavor Pict Rd	6	6	28,463	23,771	24,867	28,761	15,706	18,839	28,000
5656	937046	JOG RD	Flavor Pict Rd	Pipers Glen Blvd	6	6	31,057	23,642	24,221	25,236	16,216	20,850	28,900
5640	937042	JOG RD	Pipers Glen Blvd	Woolbright Rd	6	6	30,603	23,794	25,487	28,386	14,568	18,978	29,900
5644	937044	JOG RD	Woolbright Rd	Boynton Beach Blvd	6	6	34,641	28,059	28,403	30,437	22,938	28,084	34,800
5200	937085	JOG RD	Boynton Beach Blvd	Gateway Blvd	6	6	37,603	32,795	33,181	35,810	28,522	39,180	45,600
4660	937084	JOG RD	Gateway Blvd	Le Chalet Blvd	6	6	38,805	34,962	37,759	38,308	31,901	40,799	48,300
4640	937083	JOG RD	Le Chalet Blvd	Hypoluxo Rd	6	6	40,540	36,577	41,103	43,270	34,730	42,804	50,700
4670	938520	JOG RD	Hypoluxo Rd	Winston Trails Bl	6	6	38,636	33,040	35,642	37,410	36,735	47,894	46,500
4628	937081	JOG RD	Winston Trails Bl	Lantana Rd	6	6	39,902	35,196	36,500	39,400	38,660	49,875	47,100
4612	938521	JOG RD	Lantana Rd	Melaleuca Ln	6	6	42,362	36,287	37,599	46,286	48,073	60,480	50,000
4634	937082	JOG RD	Melaleuca Ln	Lake Worth Rd	6	6l	50,395	41,001	43,082	46,554	48,849	56,505	49,800
4616	937080	JOG RD	Lake Worth Rd	10th Ave N	6	6	41,595	35,671	38,550	42,663	39,009	48,232	47,700
4204	938522	JOG RD	10th Ave N	Forest Hill Blvd	6	6l	48,296	41,352	44,233	49,789	51,372	62,126	53,500
3650	937079	JOG RD	Forest Hill Blvd	Summit Blvd	6	6l	49,007	40,108	39,544	45,959	45,849	57,916	50,000
3624	937078	JOG RD	Summit Blvd	Southern Blvd	6	6	38,464	36,794	36,684	42,679	41,638	53,203	46,900
3654	938523	JOG RD	Southern Blvd	Belvedere Rd	6	6	32,010	31,251	30,553	35,663	31,491	46,787	45,400
3220	937142	JOG RD	Belvedere Rd	Turnpike Int	6	6	26,334	24,994	25,922	29,428	24,593	35,262	37,200
3104	937142	JOG RD	Turnpike Int	Okeechobee Blvd	6	6		27,438	29,044	32,352	24,593	35,262	41,600
3458	937143	JOG RD	Okeechobee Bl	Roebuck Rd	4	4	25,482	24,731	26,728	29,261	14,648	24,955	37,000
2414	2414	JOG RD	45th St	Beeline Hwy	2	2		5,060	6,707	6,640	2,725	3,258	7,200
2416	971075	JOG RD	Beeline Hwy	Turnpike Int	4	4		11,310	14,963	16,641	19,694	24,958	20,200
	937141	JOG RD	Turnpike Int	Northlake Blvd	4	4			-	-	14,391	12,404	12,400
2107	937258	JOG RD	PGA Blvd	Hood Rd	2	2		9,290	10,721	11,407	737	1,210	11,200
2106	930180	JOG RD	Hood Rd	Donald Ross Rd	2	2		1,774	3,961	5,146	8,949	9,964	5,000
6420	937287	JUDGE WINIKOFF RD	Sandpoint Ter	SR-7	4	4	10,553	9,846	10,464	9,756	9,355	10,438	11,700
1404	937115	JUPITER FARMS RD	Indiantown Rd	South of Indiantown Rd	2	2	10,932	10,079	10,366	11,000	12,301	12,675	10,700
6417	937389	KIMBERLY BLVD	SR-7	Lyons Rd	4	4	7,469	6,423	6,170	6,321	4,408	4,604	6,400
4652	937284	KIRK RD	Melaleuca Ln	Lake Worth Rd	2	2	8,586	7,111	6,791	8,269	2,206	3,219	7,800
4630	937024	KIRK RD	Lake Worth Rd	10th Ave N	2	2	10,197	8,099	9,240	9,976	6,728	10,321	12,800
4664	937025	KIRK RD	10th Ave N	Purdy Ln	2	2	13,660	11,348	12,213	13,864	10,461	13,957	16,300
4208	937023	KIRK RD	Purdy Ln	Forest Hill Blvd	5	5	18,583	16,626	16,029	17,337	13,821	18,742	21,700
3656	937030	KIRK RD	Forest Hill Blvd	Summit Blvd	2	3	10,851	9,724	9,611	10,833	13,693	16,400	12,300
3662	937031	KIRK RD	Summit Blvd	Gun Club Rd	2	3	8,260	9,663	10,675	11,376	6,823	8,655	12,500
3614	937029	KIRK RD	Gun Club Rd	Southern Blvd	4	4	6,871	8,443	10,020	11,400	14,725	18,016	13,300
2617	930033	KYOTO GARDENS DR	Military Tr	Alt A1A/SR 811	4	4		-	8,924	8,800	4,289	7,944	12,600
2843	930033	KYOTO GARDENS DR	Alt A1A/SR 811	Lake Victoria Gardens Ave	5	5		-	6,661	8,800	4,289	7,944	10,300

SERPM 8 2045 Cost Feasible Adjusted Two-Way Traffic Volumes - Palm Beach County

PBC Station	FDOT Station	Roadway	From	To	Existing Lanes	Cost Feasible Lanes	2005 Counts	2010 Count	2015 Count	2018 Count	2015 Model	2045 Model	2045 Adjusted
	935071	LAKE AVE	Dixie Hwy	S. M St	2	2			-	-	7,932	8,479	8,500
5649	937072	LAKE IDA RD	Hagen Ranch Rd	Jog Rd	2	2	12,238	7,591	7,536	8,812	3,015	3,482	8,000
5653	937074	LAKE IDA RD	Jog Rd	El Clair Ranch Rd	2	2	12,383	10,168	10,969	11,274	3,474	4,792	12,300
5651	937073	LAKE IDA RD	El Clair Ranch Rd	Military Tr	2	2	13,228	11,590	11,682	12,608	5,795	6,444	12,300
5623	937017	LAKE IDA RD	Military Tr	Barwick Rd	4	4	20,410	15,701	19,827	20,420	10,394	13,568	23,000
5605	937016	LAKE IDA RD	Barwick Rd	Congress Ave	4	4	29,688	27,179	28,271	30,891	13,799	17,154	31,600
5307	937061	LAKE IDA RD	Congress Ave	Swinton Ave	4	4	19,839	21,306	21,542	24,685	13,516	22,317	30,300
	937424	LAKE OSBORNE DR	12th Av S	Lake Worth Rd	2	2			-	-	91	492	500
3445	937163	LAKE WORTH RD	South Shore Blvd	120th Av	2	2	15,873	23,445	12,221	13,300	9,509	13,097	15,800
4409	937120	LAKE WORTH RD	120th Av	Isles Bl	4	4	20,557	15,106	14,871	17,500	10,481	16,195	20,600
4407	937119	LAKE WORTH RD	Isles Bl	SR-7	4	4	31,272	24,753	26,672	28,030	23,647	30,859	34,800
4401	930053	LAKE WORTH RD	SR-7	Lyons Rd	6	6T	36,432	33,787	38,065	39,252	29,845	37,416	45,600
4101	930054	LAKE WORTH RD	Lyons Rd	Florida Turnpike	6	6T			-	-	37,500	47,734	47,700
4201	930055	LAKE WORTH RD	Florida Turnpike	Pinehurst Dr	6	6T	42,905	34,043	39,166	42,106	37,301	45,035	47,300
4645	937233	LAKE WORTH RD	Pinehurst Dr	Jog Rd	6	6T	53,067	44,593	46,028	51,629	45,864	52,388	52,600
4609	937232	LAKE WORTH RD	Jog Rd	Sherwood Forest Blvd	6	6T	45,006	44,260	45,661	48,041	24,773	33,520	54,400
4673	937232	LAKE WORTH RD	Sherwood Forest Blvd	Haverhill Rd	6	6T	51,532	41,648	41,210	44,850	24,773	33,520	50,000
4627	930404	LAKE WORTH RD	Haverhill Rd	Military Tr	6	6T	50,676	43,493	44,371	44,984	22,275	29,002	51,100
4611	930024	LAKE WORTH RD	Military Tr	Kirk Rd	6	6T	47,121	43,790	42,951	44,802	26,081	34,974	51,800
4647	937234	LAKE WORTH RD	Kirk Rd	Congress Ave	6	6T	43,331	37,971	38,415	40,684	21,652	26,913	43,700
4651	930025	LAKE WORTH RD	Congress Ave	Boutwell Rd	4	4T	29,118	28,562	23,415	26,619	12,045	17,150	28,500
4305	930751	LAKE WORTH RD	Boutwell Rd	Lake/Lucerne Split	4	4T	24,924	-	25,497	25,500	14,494	19,765	30,800
4817	935069	LAKE WORTH RD	Dixie Hwy (SR-805)	'A' St	3	3	9,126	-	8,385	8,900	3,936	5,959	10,400
4813	935068	LAKE WORTH RD	Dixie Hwy (SR-805)	'A' St	2	2	10,601	-	8,078	8,200	4,936	6,196	9,300
4815	935076	LAKE WORTH RD	Federal Hwy (US-1)	Dixie Hwy (SR-805)	2	2	10,042	8,559	8,410	-	3,428	3,878	8,900
4811	935070	LAKE WORTH RD	Federal Hwy	Dixie Hwy (SR-805)	2	2	10,669	8,322	9,526	9,600	7,859	8,516	10,300
4801	930118	LAKE WORTH RD	A1A	Lucerne Ave	4	4	15,674	12,934	16,111	12,100	8,069	8,737	16,800
4403	937291	LANTANA RD	SR-7	Lyons Rd	4	4	19,621	14,775	15,574	17,057	18,458	16,412	13,800
4207	937290	LANTANA RD	Lyons Rd	Hagen Ranch Rd	4	4	38,436	24,298	25,977	28,535	27,248	44,140	42,100
4669	937293	LANTANA RD	Hagen Ranch Rd	Jog Rd	6	6	38,587	32,050	32,219	36,116	35,241	50,031	45,700
4619	937292	LANTANA RD	Jog Rd	Haverhill Rd	6	6	40,005	35,130	35,845	42,984	29,837	41,862	50,300
4605	930693	LANTANA RD	Military Tr	Lawrence Rd	6	6	42,958	33,827	41,854	49,357	35,147	46,266	55,100
4665	937289	LANTANA RD	Lawrence Rd	Congress Ave	6	6	47,796	47,863	47,054	50,923	56,534	66,732	57,300
4623	937288	LANTANA RD	Congress Ave	High Ridge Rd	6	6	42,455	43,695	41,390	46,300	32,001	40,113	49,500
4209	930076	LANTANA RD	High Ridge Rd	I-95	5	6	42,461	45,356	43,805	45,500	35,422	43,085	53,300
4311	930077	LANTANA RD	I-95	Redding Dr	5	6	41,769	38,457	37,424	36,000	28,787	39,254	47,900
4807	935214	LANTANA RD	Redding Dr	Federal Hwy	5	5	21,493	-	19,392	18,253	12,402	12,848	19,800
	937618	LARRIMORE RD	SR-15	SR-729	2	2			-	-	586	827	800
5638	937303	LAWRENCE RD	Woolbright Rd	Boynton Beach Blvd	3	3	7,854	7,167	7,651	8,714	7,479	10,007	10,200
5204	937302	LAWRENCE RD	Boynton Beach Blvd	Gateway Blvd	5	5	16,110	13,804	14,777	17,539	9,617	13,795	19,000

SERPM 8 2045 Cost Feasible Adjusted Two-Way Traffic Volumes - Palm Beach County

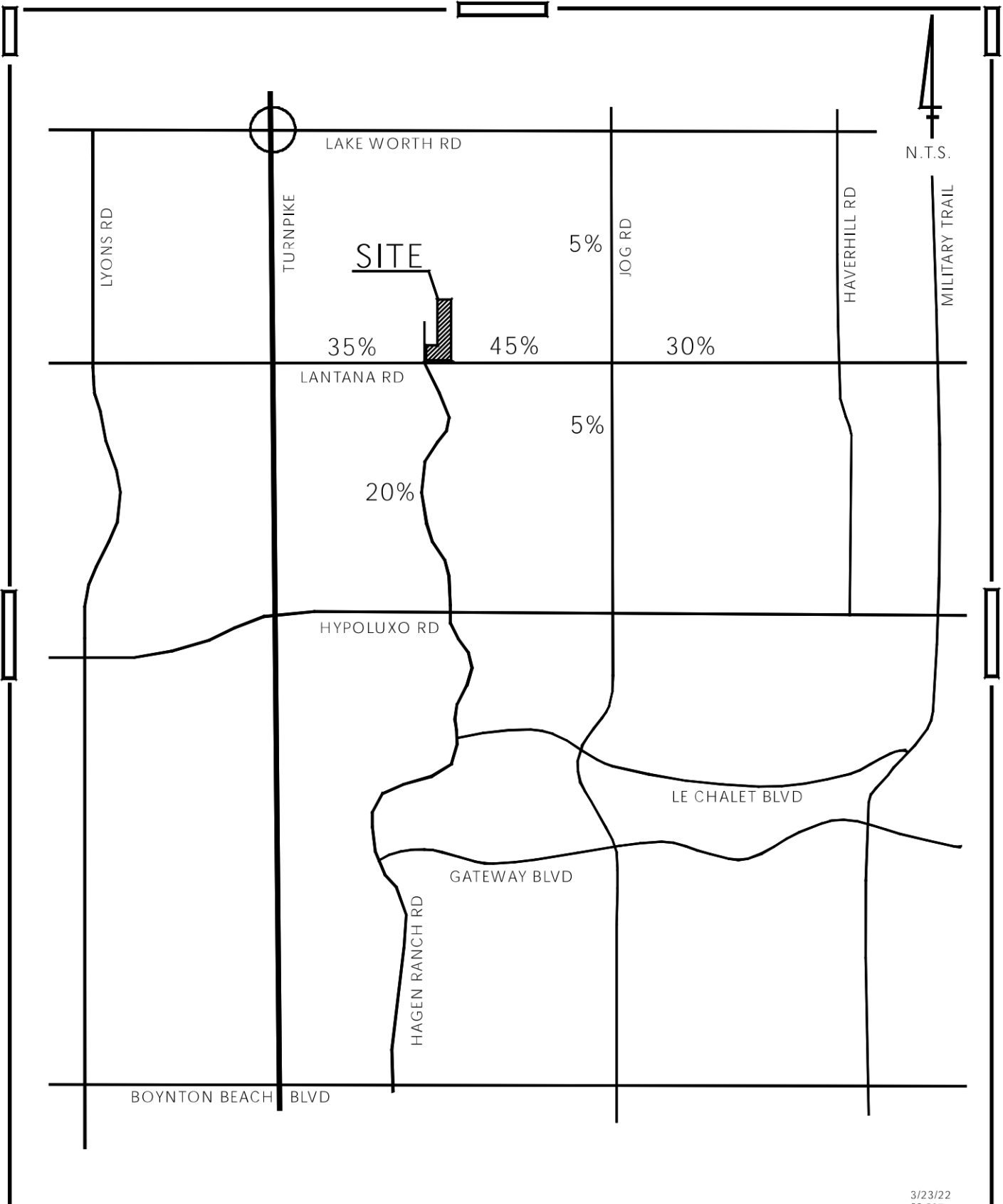
PBC Station	FDOT Station	Roadway	From	To	Existing Lanes	Cost Feasible Lanes	2005 Counts	2010 Count	2015 Count	2018 Count	2015 Model	2045 Model	2045 Adjusted	
4614	937301	LAWRENCE RD	Gateway Blvd	Hypoluxo Rd	4	4	15,435	14,700	15,074	17,266	15,481	19,851	19,300	
4608	938514	LAWRENCE RD	Hypoluxo Rd	Lantana Rd	2	3	11,828	11,018	11,157	11,977	8,982	10,316	12,800	
	937539	LE CHALET BLVD	Hagen Ranch Rd	Jog Rd	4	4			-	-	11,624	13,930	13,900	
4661	937310	LE CHALET BLVD	Jog Rd	Military Tr	4	4	10,617	9,652	9,216	9,538	7,080	8,359	10,500	
	937438	LIGHTHOUSE DR	SR-811	US-1	2	2			-	-	7,180	9,507	9,500	
	937526	LINDELL BLVD	Carl Bolter Dr	Federal Hwy	2	2			-	-	3,413	4,277	4,300	
5635	937295	LINTON BLVD	Jog Rd	Sim Rd	4	6	26,259	28,837	29,366	31,891	21,952	29,755	37,200	
5625	937294	LINTON BLVD	Sim Rd	Military Tr	5	6	28,004	27,495	28,587	30,480	30,975	40,018	36,900	
5607	937187	LINTON BLVD	Military Tr	Homewood Blvd	6	6	36,231	37,464	39,497	42,810	31,967	38,669	47,800	
5661	938531	LINTON BLVD	Homewood Blvd	Congress Ave	6	6	29,850	33,652	39,159	39,082	23,085	27,671	43,700	
5213	930049	LINTON BLVD	Congress Ave	I-95	6	61	47,845	40,928	42,863	42,000	41,468	49,886	51,600	
5313	930050	LINTON BLVD	I-95	10th Ave SW	6	61	44,067	46,456	48,617	44,000	56,968	63,967	54,600	
5819	937188	LINTON BLVD	10th Ave SW	Old Dixie Hwy	6	61	38,062	38,788	40,279	41,916	40,510	45,331	45,100	
5821	937188	LINTON BLVD	Old Dixie Hwy	US 1	6	6		-	32,088	32,617	40,510	45,331	36,900	
5813	930742	LINTON BLVD	US 1	Ocean Blvd	4	4	18,958	15,872	17,857	17,600	11,174	12,738	19,400	
	937687	LION COUNTRY SAFARI RD	SR-80	Deer Run Blvd	2	2			-	-	1,845	2,605	2,600	
	938501	LOWSON BLVD	Military Tr	Congress Ave	4	4			-	-	814	1,020	1,000	
5311	937060	LOWSON BLVD	Congress Ave	SW 10TH Ave	4	4	21,862	15,139	16,363	17,600	4,915	9,365	20,800	
1610	937368	LOXAHATCHEE RIVER RD	Indiantown Rd	Roebuck Rd	2	2	10,471	10,099	9,010	8,800	5,879	4,483	7,600	
1202	937367	LOXAHATCHEE RIVER RD	Roebuck Rd	PBC Boundary	2	2	5,919	-	2,865	3,196	2,069	1,002	1,800	
6112	937374	LYONS RD	Broward County Line	SW 18th St	6	6	31,352	31,256	30,462	33,000	46,134	59,435	43,800	
6410	937372	LYONS RD	SW 18th St	Palmetto Park Rd	4	6	34,318	26,501	28,707	30,500	34,620	48,812	42,900	
6406	937371	LYONS RD	Palmetto Park Rd	Glades Rd	4	4	30,081	22,599	28,072	28,500	27,120	38,219	39,600	
6404	937370	LYONS RD	Glades Rd	Kimberly Rd	6	6	34,131	32,163	33,892	35,118	34,805	51,530	50,200	
6424	937373	LYONS RD	Kimberly Rd	Yamato Rd	6	6	26,568	20,861	28,538	29,113	26,824	39,329	41,800	
6416	938553	LYONS RD	Yamato Rd	Clint Moore Rd	4	4	14,896	16,080	19,936	20,806	20,455	33,575	32,700	
6114	937375	LYONS RD	Clint Moore Rd	158 Rd S	4	4	7,411	6,499	14,399	16,479	9,431	19,511	24,500	
5406	937375	LYONS RD	158 Rd S	Atlantic Ave	4	4	8,508	6,642	15,262	16,154	9,431	19,511	25,300	
5112	937375	LYONS RD	Atlantic Ave	Flavor Pict Rd	2	4			-	11,585	14,473	9,431	19,511	24,000
5110	937311	LYONS RD	Flavor Pict Rd	Boynton Beach Blvd	2	4			-	12,523	15,434	11,075	35,681	40,300
5108	937311	LYONS RD	Boynton Beach Blvd	Hypoluxo Rd	4	4	14,038	13,879	18,210	20,937	11,075	35,681	42,800	
4404	937311	LYONS RD	Hypoluxo Rd	Lantana Rd	4	4	10,644	10,176	11,376	13,909	11,075	35,681	36,700	
4405	937311	LYONS RD	Lantana Rd	Lake Worth Rd	4	4	11,768	10,373	11,242	14,334	11,075	35,681	36,200	
NEW	PBC063	LYONS RD	Lake Worth Rd	Stribling Way	0	2			-	-	-	20,813	20,800	
3462	937480	LYONS RD	Stribling Way	Forest Hill Blvd	2	2	6,691	7,344	8,711	9,792	5,520	11,201	14,400	
3460	937134	LYONS RD	Forest Hill Blvd	Dillman Rd	2	2		9,492	11,968	13,819	12,927	16,737	15,500	
3466	937135	LYONS RD	Dillman Rd	Southern Blvd	2	2		10,333	13,283	14,619	12,837	14,578	15,100	
2616	937129	MAC ARTHUR BLVD	Northlake Blvd	Holly Dr	2	2	7,525	7,787	8,092	7,900	7,615	7,723	8,200	
1616	937117	MAPLEWOOD DR	Indian Creek Blvd	Toney Penna Dr	2	2		8,614	9,526	14,800	6,741	8,807	11,600	
1618	937117	MAPLEWOOD DR	Toney Penna Dr	Indiantown Rd	4	4		12,423	13,254	14,800	6,741	8,807	15,300	

SERPM 8 2045 Cost Feasible Adjusted Two-Way Traffic Volumes - Palm Beach County

PBC Station	FDOT Station	Roadway	From	To	Existing Lanes	Cost Feasible Lanes	2005 Counts	2010 Count	2015 Count	2018 Count	2015 Model	2045 Model	2045 Adjusted
4615	937106	MELALEUCA LA	Jog Rd	Haverhill Rd	5	5	16,217	14,559	15,332	16,846	33,729	38,395	20,000
4657	937109	MELALEUCA LA	Haverhill Rd	Military Tr	5	5	26,036	23,670	24,818	26,528	38,814	40,187	26,200
4617	937107	MELALEUCA LA	Military Tr	Kirk Rd	5	5	26,538	24,566	25,665	28,514	17,712	20,114	28,100
4655	937108	MELALEUCA LA	Kirk Rd	Davis Rd	5	5	28,782	28,845	26,620	28,500	18,010	20,484	29,100
4655	937108	MELALEUCA LA	Davis Rd	Congress Ave	6	6	28,782	28,845	26,620	28,500	18,010	20,484	29,100
	937568	MERCER AVE	Belvedere Rd	Australian Ave	2	2			-	-	12,288	11,096	11,100
6216	937215	MILITARY TRL	Broward Co. Line	SW 18th St	4	4	31,074	26,894	28,051	27,423	33,098	36,987	31,300
6608	937218	MILITARY TRL	SW 18th St	Camino Real	4	4	31,577	30,195	30,690	29,342	32,729	37,514	35,200
6606	937217	MILITARY TRL	Camino Real	Palmetto Park Rd	6	6	36,522	44,783	37,775	35,855	40,094	48,806	46,000
6604	938534	MILITARY TRL	Palmetto Park Rd	Town Center	6	6T	41,241	35,557	39,264	37,186	35,679	39,549	43,500
6600	937216	MILITARY TRL	Town Center	Butts Rd	6	6T	37,753	32,164	35,697	35,708	32,688	36,671	40,000
6612	938535	MILITARY TRL	Butts Rd	Yamato Rd	6	6T	45,284	39,750	44,394	45,475	51,882	55,182	47,200
6630	937219	MILITARY TRL	Yamato Rd	Clint Moore Rd	6	6T	39,365	37,043	41,903	43,115	48,003	54,928	47,900
6202	938536	MILITARY TRL	Clint Moore Rd	Linton Blvd	6	6T	40,161	33,463	36,976	38,434	41,465	46,191	41,200
5618	938536	MILITARY TRL	Linton Blvd	Atlantic Ave	6	6TI	45,670	36,155	39,592	41,353	41,465	46,191	44,100
5606	937213	MILITARY TRL	Atlantic Ave	Lake Ida Rd	6	6TI	45,683	43,677	45,250	46,489	40,609	48,420	54,000
5652	937213	MILITARY TRL	Lake Ida Rd	Flavor Pict Rd	6	6T	37,259	36,487	35,479	36,904	40,609	48,420	42,300
5614	937212	MILITARY TRL	Flavor Pict Rd	Woolbright Rd	6	6T	42,695	38,267	33,656	37,203	42,175	51,356	42,800
5608	937211	MILITARY TRL	Woolbright Rd	Boynton Beach Blvd	6	6T	41,207	34,008	31,271	36,430	32,261	38,682	37,500
5202	937210	MILITARY TRL	Boynton Beach Blvd	Gateway Blvd	6	6T	42,221	35,035	34,595	40,711	40,033	48,473	41,900
4636	937208	MILITARY TRL	Gateway Blvd	Hypoluxo Rd	6	6T	42,426	31,728	33,709	35,617	32,076	54,530	57,300
4606	937206	MILITARY TRL	Hypoluxo Rd	Lantana Rd	6	6T	37,560	30,647	30,811	35,518	37,978	50,983	43,800
4632	937207	MILITARY TRL	Lantana Rd	Melaleuca Ln	6	6T	43,758	32,330	37,727	38,582	51,550	60,767	46,900
4602	930482	MILITARY TRL	Melaleuca Ln	Lake Worth Rd	6	6T	41,024	36,175	36,403	40,325	30,662	38,966	46,300
4618	930023	MILITARY TRL	Lake Worth Rd	Lakewood Rd	6	6T	48,517	42,617	41,244	41,597	33,411	42,775	52,800
4618	930023	MILITARY TRL	Lakewood Rd	10th Ave N	6	6T	41,244	42,617	41,244	41,597	33,411	42,775	52,800
4650	937209	MILITARY TRL	10th Ave N	Cresthaven Blvd	6	6T	49,035	43,809	43,454	44,876	29,356	42,519	56,600
4206	937205	MILITARY TRL	Cresthaven Blvd	Forest Hill Blvd	6	6T	46,776	45,227	45,554	44,979	31,849	43,775	57,500
3642	930722	MILITARY TRL	Forest Hill Blvd	Summit Blvd	6	6T	48,328	44,576	42,197	43,396	26,894	38,406	53,700
3664	937204	MILITARY TRL	Summit Blvd	Gun Club Rd	6	6T	48,875	45,441	43,230	46,313	25,069	35,944	54,100
3612	930478	MILITARY TRL	Gun Club Rd	Southern Blvd	6	6T	46,230	43,502	39,773	44,743	26,626	41,692	54,800
3628	935404	MILITARY TRL	Southern Blvd	Belvedere Rd	6	6T	46,485	42,314	44,116	46,219	45,887	59,776	57,500
3648	937231	MILITARY TRL	Belvedere Rd	Westgate Ave	6	6T	48,837	42,057	45,916	46,918	42,438	49,168	53,200
3602	930455	MILITARY TRL	Westgate Ave	Okeechobee Bl	6	6T	43,495	42,578	37,728	39,005	41,207	47,207	43,200
3616	930311	MILITARY TRL	Okeechobee Bl	Community Dr	6	6T		34,269	36,386	40,975	38,164	42,814	40,800
3616	930311	MILITARY TRL	Community Dr	Roebuck Rd	6	6T	47,063	34,269	36,386	40,975	38,164	42,814	40,800
3626	930495	MILITARY TRL	Roebuck Rd	45th St	6	6T	34,107	32,197	33,587	37,959	46,602	61,654	48,600
3204	930726	MILITARY TRL	45th St	SR-710	6	6T	33,196	32,104	34,850	38,491	36,267	49,409	47,500
2612	930026	MILITARY TRL	SR-710	Blue Heron Blvd	6	6T	33,852	27,573	31,994	31,028	28,151	40,745	46,300
2614	930027	MILITARY TRL	Blue Heron Blvd	Investment Lane	6	6T	32,357	27,167	28,801	29,595	23,623	31,516	38,400

ROADWAY	FROM	TO	Lantana Road Residential		Towns at Tidewater Traffic Analysis		Lake Worth Crossing		Total
			% Project Traffic	Daily: 521	% Project Traffic	Daily: 415	% Project Traffic	Daily: -	
				Volume		Volume		Volume	
Lake Worth Road	Sherwood Forest Boulevard	Haverhill Road	-	-	-	-	-	-	-
Lake Worth Road	Haverhill Road	Military Trail	-	-	-	-	-	-	-
Lake Worth Road	Military Trail	Kirk Road	-	-	-	-	-	-	-
Melaleuca Lane	Jog Road	Haverhill Road	-	-	-	-	-	-	-
Melaleuca Lane	Haverhill Road	Military Trail	-	-	-	-	-	-	-
Melaleuca Lane	Military Trail	Kirk Road	-	-	-	-	-	-	-
Melaleuca Lane	Kirk Road	Davis Road	-	-	-	-	-	-	-
Melaleuca Lane	Davis Road	Congress Avenue	-	-	-	-	-	-	-
Lantana Road	Florida Tumpike	Hagen Ranch Road	-	-	-	-	-	-	-
Lantana Road	Hagen Ranch Road	Jog Road	45%	234	-	-	-	-	234
Lantana Road	Jog Road	Haverhill Road	-	-	-	-	-	-	-
Lantana Road	Haverhill Road	Military Trail	-	-	-	-	-	-	-
Lantana Road	Military Trail	Lawrence Road	-	-	-	-	-	-	-
Lantana Road	Lawrence Road	Congress Avenue	-	-	-	-	-	-	-
Lantana Road	Congress Avenue	High Ridge Road	-	-	-	-	-	-	-
Lantana Road	High Ridge Road	I-95	-	-	-	-	-	-	-
Hypoluxo Road	Hagen Ranch Road	Jog Road	-	-	-	-	-	-	-
Hypoluxo Road	Jog Road	Haverhill Road	-	-	40%	166	-	-	166
Hypoluxo Road	Haverhill Road	Military Trail	-	-	-	-	-	-	-
Hypoluxo Road	Military Trail	Lawrence Road	-	-	-	-	-	-	-
Hypoluxo Road	Lawrence Road	Congress Avenue	-	-	-	-	-	-	-
Jog Road	Lake Worth Road	Melaleuca Lane	-	-	-	-	-	-	-
Jog Road	Melaleuca Lane	Lantana Road	-	-	-	-	-	-	-
Jog Road	Lantana Road	Winston Trail Boulevard	-	-	-	-	-	-	-
Jog Road	Winston Trail Boulevard	Hypoluxo Road	-	-	-	-	-	-	-
Haverhill Road	Lake Worth Road	Melaleuca Lane	-	-	-	-	-	-	-
Haverhill Road	Melaleuca Lane	Lantana Road	-	-	-	-	-	-	-
Haverhill Road	Lantana Road	Hypoluxo Road	-	-	-	-	-	-	-
Military Trail	Lake Worth Road	Melaleuca Lane	-	-	-	-	-	-	-
Military Trail	Melaleuca Lane	Lantana Road	-	-	-	-	-	-	-
Military Trail	Lantana Road	Hypoluxo Road	-	-	-	-	-	-	-
Kirk Road	Lake Worth Road	Melaleuca Lane	-	-	-	-	-	-	-
Lawrence Road	Lantana Road	Hypoluxo Road	-	-	-	-	-	-	-

* Lake Worth Crossing, no traffic study found



3/23/22
22-027

LANTANA & FEARNLEY
PROPERTIES

EXHIBIT 3
PROJECT TRAFFIC DISTRIBUTION

PTC

Exhibit 5
Lantana & Fearnley Properties
Project Traffic Assignment - 2045 Analysis

Proposed FLU (Maximum Intensity) - Current FLU (Maximum Intensity)

Roadway	Link	2045 Conditions			Encompass Health	Net Project Traffic		2045 Total Traffic	V/C w/ Proj.	Total Project Impact	Significant Impact?
		Lanes	Volume ⁽¹⁾	LOS D Capacity ⁽²⁾		521	Project				
						% Dist	Trips				
Lantana Road	Lyons Road to Hagen Ranch Road	4LD	42,100	33,200	621	35%	182	42,903	1.29	0.55%	No
	Hagen Ranch Road to Jog Road	6LD	45,700	50,300	-	45%	234	45,934	0.91	0.47%	No
Hagen Ranch Road	Hypoluxo Road to Lantana Road	3L	11,200	15,200	-	20%	104	11,304	0.74	0.68%	No

⁽¹⁾ Source: Palm Beach TPA for Year 2045 base volumes. See Appendix.

⁽²⁾ Source: Table TE 1a, Palm Beach County Comprehensive Plan.

Project Distribution

The distribution of project traffic was based on a review of the existing roadway characteristics, existing land uses, connectivity of the surrounding roadway network and location of major roadways. Driveway distributions were determined based on a review of available access to and from the site.

The resulting general traffic distribution percentages include the following:

- Hypoluxo Road west of Jog Road: 10 percent
- Hypoluxo Road west of Haverhill Road: 60 percent
- Jog Road north of Hypoluxo Road: 15 percent
- Jog Road south of Hypoluxo Road: 15 percent
- Jog Road south of Ranches Road: 15 percent

Figure 2 graphically depicts the general traffic distribution. The trip distribution percentages were applied to the net new peak hour trip generation to determine the project assignments on each of the roadway links within the project radius of influence.

Figure 2 Project Distribution



**TABLE 4
YEAR 2045 DAILY ANALYSIS
TOWNS AT TIDEWATER TRAFFIC ANALYSIS**

ROADWAY	FROM	TO	FACILITY TYPE ⁽¹⁾	LOS "D" CAPACITY	2045 VOLUME ⁽¹⁾	INBOUND		OUTBOUND		TOTAL PROJECT TRIPS	TRIPS FROM AVAILABLE FLUA AMENDMENTS	TRIPS FROM CONCURRENT FLUA AMENDMENTS	2045 TOTAL TRAFFIC	VOLUME / CAPACITY RATIO	SIGNIFICANCE THRESHOLD ⁽²⁾	PROJECT SIGNIFICANCE	SIGNIFICANT IMPACT?
						PROJ. DIST.	TRIPS	PROJ. DIST.	TRIPS								
Hypoluxo Road	Jog Road	Site Driveway	6LD	50,300	35,700	40%	83	40%	83	166	0	0	35,866	0.71	3%	0.33%	No
	Site Driveway	Haverhill Road	6LD	50,300	35,700	60%	125	60%	124	249	0	0	35,949	0.71	3%	0.50%	No

Notes:

(1) Facility Type and 2045 volume was obtained from the *SERPM 8 2045 Cost Feasible Adjusted Two-Way Volumes* provided by Palm Beach County.

(2) Significance threshold is based on Table 3.5-1 "Significant Impact" of the PBC Comprehensive Plan Future Land Use Element.

**TABLE 2.2-e.1
Maximum Floor Area Ratios (FARs) For Non-Residential Future Land Use Categories
and Non-Residential Uses**

Future Land Use	FLU Category	Tier				
		Urban/Suburb	Exurban	Rural	Ag Reserve	Glades
Residential	All Residential Categories	.35 (Low Density) .45 (Medium & High Density)	.20	.20	.15	.20
Agriculture	AP	not allowed	not allowed	not allowed	not allowed	.10
	SA	.15	.15	.15	.15	.15
	AgR	not allowed	not allowed	not allowed	.15	not allowed
	AGE	not allowed	not allowed	See note ¹⁰	not allowed	not allowed
Commercial Low (Neighborhood Commercial)	CL-O	.50 ¹	0.05-.20 ¹²	.20	.20 w/MUPD ⁴	.20
	CL	.50 ¹	.10 1.0 w/ TMD	.10 1.0 w/ TMD	.10 ⁵ .20 w/MUPD ^{4,9} .40 w/ TMD ⁴	.10
Commercial High (Community or Regional Commercial)	CH-O	.85	not allowed	not allowed	not allowed	not allowed
	CH	.85 ³	not allowed	not allowed	not allowed	not allowed
Industrial	IND	.45-.85 ⁹	not allowed	not allowed	.45	.45
	EDC	.45-.85 ⁹	not allowed	not allowed	not allowed	not allowed ¹¹
Commercial Recreation		.50	not allowed	.05	.05	.05
Parks & Recreation		.45	.10	.10	.10	.10
Conservation		.05	.05	.05	.05	.05
Institutional & Public Facilities ⁸		.45	.20	.10	.15 .35 ⁶	.10
Transportation & Utilities		.45	.10	.05	.05 .15 ⁷	.05
Traditional Town Development		1.0	not allowed	not allowed	not allowed	not allowed

Notes:

- For Commercial Low Office (CL-O) and Commercial Low (CL), the maximum allowable FAR for self-storage use is up to .85.
- Deleted by Ord. 2020-11*
- For Commercial High (CH), the maximum allowable FAR is up to 1.0 for Traditional Neighborhood Development (TND) and Traditional Market Place Development (TMD).
- For Ag Reserve TMDs and Ag Reserve MUPDs, the FAR is calculated on the total area of the development, including both the developed and preserve area.
- Commercial properties which received a commercial future land use designation prior to January 31, 2016 and/or identified in Policy 1.5-i are limited to a maximum FAR of .10 unless developed as an AGR-MUPD or AGR-TMD.
- An FAR greater than .15 is only permitted for a) hospitals and related hospital campus uses, and b) AgR-MUPDs that meet the Preserve Area requirements.
- An FAR greater than .05 is only permitted east of S.R. 7
- Institutional and Public Facilities uses within any FLU designation are allowed to utilize the maximum allowable FAR of the Institutional and Public Facilities FLU designation per the applicable Tier. In the case of multiple or mixed use projects, only proposed institutional and public facility uses shall be permitted to exceed the FAR of the project's FLU designation.
- Industrial and self-storage uses may be approved for up to .85 FAR in the industrial future land use designations the Urban Suburban Tier, and self-storage uses may be approved for up to .65 FAR in the commercial future land use designations in the Agricultural Reserve Tier on sites that meet the Major Intersection Criteria in the ULDC (see also FLUE Policy 1.5-p).
- The intensity of an Agricultural Enclave shall be determined utilizing the provisions of Policy 2.2.5-d, and shall be clearly indicated in the Site Data of the adopted Conceptual Plan for each Agricultural Enclave.
- Within the Economic Development Center (EDC) future land use designation in the Glades Area Protection Overlay, the FAR of the Urban/Suburban Tier shall apply.
- Properties subject to Policy 1.3-j are limited to a maximum of 0.05 FAR.