Attachment H Traffic Approval Letter & Traffic Study



Department of Engineering and Public Works

P.O. Box 21229 West Palm Beach, FL 33416-1229 (561) 684-4000 FAX: (561) 684-4050 www.pbcgov.com

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"An Equal Opportunity Affirmative Action Employer" January 17, 2020

Dr. Juan F. Ortega, P.E. JFO Group Inc. 11924 Forest Hill Boulevard Suite 10A-123 Wellington, FL 33414

#### RE: Lake Worth & Blanchette FLUA Amendment Policy 3.5-d Review Round 2020-B2

Dear Dr. Ortega:

Palm Beach County Traffic Division has reviewed the Land Use Plan Amendment Application Traffic Impact Analysis for the proposed Future Land Use Amendment for the above referenced project, revised January 16, 2020, pursuant to Policy 3.5-d of the Land Use Element of the Palm Beach County Comprehensive Plan. The project is summarized as follows:

Location:	Northeast corner of Lake Worth Roa	ad and Blanchette Trail				
PCN:	00-42-43-27-05-024-0617					
Acres:	1.61 acres					
	Current FLU	Proposed FLU				
FLU:	Low Residential, 2 units per acre (LR-2)	Commercial Low Office (CLO)/Low Residential, 2 units per acre (LR-2)				
Zoning:	Single Family Residential (RS)	Commercial Low Office District (CLO)				
Density/ Intensity:	2 dwelling units per acres	0.35 FAR				
		Medical Office = 24,546 SF				
Proposed Potential:	None	None				
Net Daily Trips:	739 (maximum – current)					
Net PH Trips:	61 (48/13) AM, 76 (22/54) PM (ma	ximum)				
	indicates typical FAR and maximum uses and intensities/densities anticipat					



Dr. Juan F. Ortega, P.E. January 17, 2020 Page 2

Based on the review, the Traffic Division has determined that the traffic impacts of the proposed amendment <u>meets</u> Policy 3.5-d of the Future Land Use Element of the Palm Beach County Comprehensive Plan at the **maximum potential** density shown above. Please note the proposed change will have no significant impact for both long range and Test 2 analyses.

Please contact me at 561-684-4030 or email to <u>DSimeus@pbcgov.org</u> with any questions.

Sincerely,

Dominique Simeus, P.E. Professional Engineer Traffic Division

DS/rb

ec: Addressee

Quazi Bari, P.E., PTOE – Manager – Growth Management, Traffic Division Steve Bohovsky – Technical Assistant III, Traffic Division Lisa Amara – Senior Planner, Planning Division Khurshid Mohyuddin – Principal Planner, Planning Division Jorge Perez – Senior Planner, Planning Division

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# LAKE WORTH & BLANCHETTE

PALM BEACH COUNTY, FLORIDA

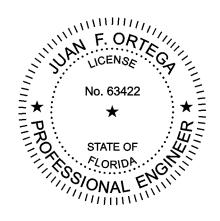
# FUTURE LAND USE ATLAS AMENDMENT TRAFFIC IMPACT ANALYSIS

# PREPARED FOR: 8475LWR LLC

Prepared by:

JFO GROUP INC COA Number 32276 11924 Forest Hill Boulevard Suite 10A-123 Wellington, Florida, 33414





This item has been electronically signed and sealed by Dr. Juan F. Ortega, PE on January 16, 2020 using a Digital Signature. Printed copies of this document are not considered signed and sealed by Dr. Juan F. Ortega, PE on January 16, 2020 using a Digital Signature. Printed copies of this document are not considered signed and sealed by Dr. Juan F. Ortega, PE on January 16, 2020 using a Digital Signature. Printed copies of this document are not considered signed and sealed by Dr. Juan F. Ortega, PE on January 16, 2020 using a Digital Signature.

Revised January 16, 2020 January 3, 2020

# TABLE OF CONTENTS

SE	CTI	ON PAG	;E
1.	PI	ROJECT DESCRIPTION	
2.	С	URRENT FUTURE LAND USE DESIGNATION	2
3.	PI	ROPOSED FUTURE LAND USE DESIGNATION	3
4.	ΤF	RAFFIC IMPACT	1
5.	ΤF	RAFFIC ANALYSIS	5
Ľ	5.1	Test 2 – Five Year Analysis (2024)	, >
Ľ	5.2	Proposed Site Plan and Rezoning	3
Ľ	5.3	Long Range Analysis (2040)	3
6.	С	ONCLUSION	)
Exl	hibi	it 1: Property Appraiser Summary	
Exl	hibi	it 2: Survey	
Exl	hibi	it 3: Five-Year Road Program	
Exl	hibi	it 4: 2040 Volumes	
Exl	nibi	it 5: Development Potential Form	

# TABLE

Table 1: Trip Generation Rates and Equations	2
Table 2: Trip Generation – Current Future Land Use	2
Table 3: Trip Generation – Proposed Future Land Use	3
Table 4: Net Traffic Impact – Maximum Intensity	4
Table 5: Test 2 – Five Year Analysis Significance – Maximum Intensity	7
Table 6: Level of Service – 2040 Conditions – Maximum Intensity	9

# FIGURE

# PAGE

Figure 1: Project Location	.1
Figure 2: Traffic Assignment	.5

#### 1. **PROJECT DESCRIPTION**

JFO Group Inc has been retained to evaluate the traffic impact for the proposed Land Use designation at the Lake Worth & Blanchette project. The purpose of this analysis is to evaluate the traffic impact of the proposed land use change to determine compliance with the PBC – Future Land Use Atlas (FLUA) Amendment requirements. This analysis includes Test 2 – Five Year Analysis (2024) and Long-Range Analysis (2040).

There is a proposal for a land use change of  $\pm 1.61$  acres located on the northeast corner of Lake Worth Road and Blanchette Trail in unincorporated Palm Beach County (PBC), Florida. The current Future Land Use (FLU) designation for the property is Low Residential, 2 units per acre (LR-2).



Figure 1: Project Location

A land use change amendment from the current LR-2 to Commercial Low Office (CL-O) is being requested. Property Control Number associated with this project is 00-42-43-27-05-024-0617. Exhibit 1 includes a copy of the property data from the PBC Property Appraiser's office for the site while Exhibit 2 includes a copy of the latest survey for the site. Figure 1 shows an aerial location of the site in relation to the transportation network.

#### 2. CURRENT FUTURE LAND USE DESIGNATION

Project trip generation rates available from the PBC Trip Generation Rates, dated March 26, 2019, were used to determine the project trip generation for both Current and Proposed Future Land Use designation. Table 1 shows the rates and equations used in order to determine the trip generation for Daily, AM, and PM peak hour conditions.

Land Uso	ITE	Daily		AM Peal	( Hour	PM Peak Hour			
Land Use	Code	Dally	In	Out	Total	In	Out	Total	
Single Family Detached	210	10.00	25%	75%	0.74	63%	37%	Ln(T)=0.96 Ln(X)+0.20	
Medical Office	720	34.80	78%	22%	2.78	28%	72%	3.46	

Table 1: Trip Generation Rates and Equations

Table 2 summarizes Daily, AM and PM peak trip generation potential under the Current Future Land Use designation. The net Daily, AM and PM trips potentially generated due to the Current Future Land Use designation are 30, 2, and 4 trips respectively.

#### Table 2: Trip Generation – Current Future Land Use

Land Use	Intensity	Daily	AN	N Peak H	our	PM Peak Hour			
Lana ose	mensity	Daily	In	Out	Total	In	Out	Total	
Single Family Detached	31 DUs	30	1	1	2	3	1	4	

<sup>&</sup>lt;sup>1</sup> 2 du/acre x 1.61 ac. =  $3.22 \approx 3$  DUs. Exhibit 1 includes a copy of the property data from the PBC Property Appraiser's office for the site while Exhibit 2 includes the latest survey for the site. Note that the areas from the survey and the property appraiser are slightly different. Areas from the survey were round up and used in this analysis as discussed in the pre-application meeting on December 10, 2019.

#### 3. PROPOSED FUTURE LAND USE DESIGNATION

There is a proposal to change the current Future Land Use from the current LR-2 to CL-O. The proposed intensity for the site would allow a maximum of 24,546<sup>2</sup> SF of Medical Office uses. Table 3 summarizes Daily, AM and PM peak hour trips potentially generated under the Maximum Intensity.

	Intonsity	Daily	AN	N Peak H	our	PM Peak Hour			
Land Use	Intensity	Dally	In	Out	Total	In	Out	Total	
Medical Office	24,546 <sup>2</sup> SF	854	53	15	68	24	61	85	
Pass-By	10.00%	85	5	2	7	2	7	9	
Net Traffic		769	48	13	61	22	54	76	

#### Table 3: Trip Generation – Proposed Future Land Use

According to Table 3, the net Daily, AM and PM trips potentially generated due to the Proposed Future Land Use designation under the Maximum Intensity are 769, 61, and 76 trips respectively.

<sup>&</sup>lt;sup>2</sup> 1.61 Acres X 43,560 SF X 0.35 FAR = 24,546 SF. Exhibit 1 includes a copy of the property data from the PBC Property Appraiser's office for the site while Exhibit 2 includes the latest survey for the site. Note that the areas from the survey and the property appraiser are slightly different. Areas from the survey were round up and used in this analysis as discussed in the pre-application meeting on December 10, 2019.

#### 4. **TRAFFIC IMPACT**

Table 4 shows a comparison of the trip generation between the Maximum Intensity under the existing and proposed FLU. As can be seen in Table 4, Daily and Peak-Hour traffic generated by the Maximum Intensity under the proposed FLU are higher than the traffic generated by the current FLU. As part of a conservative analysis, no credit was taken for existing uses on site.

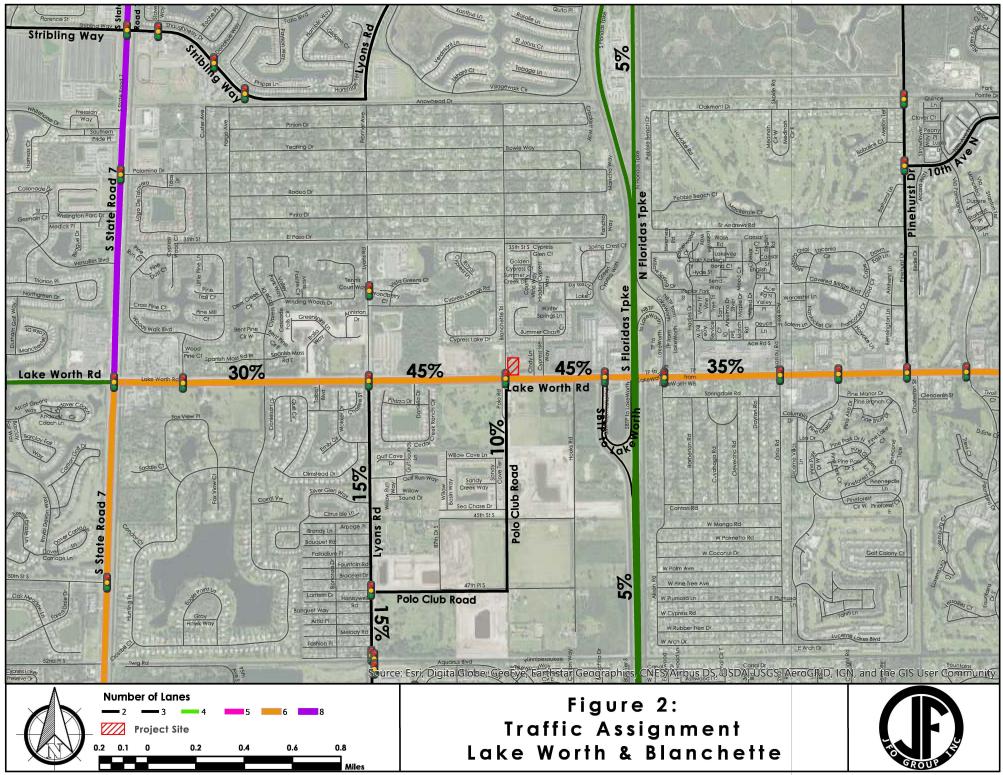
Future Land Use	Daily	A	M Peak Ho	P	PM Peak Hour			
Designation	Dully	In	Out	Total	In	Out	Total	
Current	30	1	1	2	3	1	4	
Maximum Intensity	769	48	13	61	22	54	76	
Net New Trips	739	47	12	59	19	53	72	

Table 1: Not Traffic Impact - Maximum Intensity

Pursuant to the Test 2 – Five Year Analysis (2024) requirements and according to the ULDC, Article 12 – Chapter B, Section 2.B, based on the peak hour trips from Table 3, a 1-mile Radius of Development Influence (RDI) needs to be considered for traffic impact analysis for the Maximum Intensity.

Furthermore, given the net trip generation characteristics from Table 4 for Long Range Analysis (2040), and according to FLUE Policy 3.5-d of the Comprehensive Plan, the directly accessed link on the first accessed major thoroughfare should be considered for the long range analysis.

Trip distribution and assignment incorporates the characteristics of the proposed maximum intensity and the surrounding network configuration. Figure 2 includes project trip distribution on all roadway links included within a 1-mile RDI for the proposed land use.



2020-01-16\_Lake Worth & Blanchette\_FLUA Traffic\_1070.01

#### 5. TRAFFIC ANALYSIS

This section evaluates two traffic scenarios for the proposed land use change under the Maximum Intensity: **Test 2 – Five Year Analysis (2024)** and **Long Range Analysis (2040)**.

#### 5.1 Test 2 – Five Year Analysis (2024)

Test 2 directs to compare the peak hour directional traffic volumes on each significant Link to the thresholds in *Table 12.B.2.C-4, 2A: LOS E Link Service Volumes*. If total traffic is equal to or lower than the thresholds, the project shall pass. Table 5 determines these significance levels for the Maximum Intensity.

According to Table 12.b.2.D-7 3A from the PBC Traffic Performance Standards - Article 12 of the PBC Unified Land Development Code and given the trip generation characteristics from Table 3, a 1-mile Radius of Development Influence needs to be considered for Test 2 traffic impact analysis of the Maximum Intensity. Links included within the RDI with more than three percent (3%) of the adopted LOS thresholds and links outside the RDI where net trips are greater than five percent (5%), as defined in Table 12.B.C-4 2A: LOS E Link Service Volumes, Peak Hour Traffic; two-way volume threshold, shall meet the adopted LOS.

Link analyses shall be carried out at the end of the fifth year of the Florida Department of Transportation (FDOT) Five-Year Transportation Improvement Program in effect at the time of traffic analysis submittal. The road network assumed in this analysis shall be the existing road network, and, State and County Five-Year Road Program improvements with construction scheduled to commence before the end of the Five-Year analysis period. At the time of this submittal, PBC - Five-Year Transportation Improvement Program adopted on June 18, 2019 shows Lyons Road from N. of L.W.D.D. L-14 Canal to Lake Worth Road being widened to 4 lanes in FY 2019. Exhibit 3 includes an excerpt from the Five-Year Road Program showing this improvement. As shown in Table 5, all links within the RDI have an impact of less than three percent (3%). **Test 2** has been met.

Roadway	From	То	Ln	Number of Existing and Proposed Traffic Signals - 1	Length (miles)	Signalized intersections per mile	Class	LOS Capacity	% Assignment	Project Traffic	Traffic Impact
Lyons Rd	Lantana Rd	Polo Club Rd	4	2	1.0	1.77	Class	1.070	15.0%	8	0.43%
Lyons Rd	Polo Club Rd	Lake Worth Rd	4	3	1.8	1.67	Class I	1,860	15.0%	8	0.43%
Polo Club Rd	Lake Worth Rd	Lyons Road	2	1	1.3	0.78	Class I	880	15.0%	8	0.91%
Florida Turnpike	Boynton Beach Blvd	Lake Worth Rd	4X	0	6.0	0.00	Uninterrupted	4,020	5.0%	3	0.07%
Florida Turnpike	Lake Worth Rd	Southern Blvd	4X	0	4.6	0.00	Uninterrupted	4,020	5.0%	3	0.07%
Lake Worth Rd	SR 7	Lyons Rd	6D	2	1.0	2.00	Class II	2,830	30.0%	16	0.57%
Lake Worth Rd	Lyons Rd	Polo Club Rd	6D	0	0.0	0.00	Class II	0.020	45.0%	24	0.85%
Lake Worth Rd	Polo Club Rd	Florida Turnpike	6D	2	0.9	2.22	Class II	2,830	45.0%	24	0.85%
Lake Worth Rd	Florida Turnpike	Pinehurst Dr	6D	3	1.0	3.00	Class II	2,830	35.0%	19	0.67%

Table 5: Test 2 – Five Year Analysis Signi	ificance – Maximum Intensity
--------------------------------------------	------------------------------

Α	Μ	P	Μ		
IN	OUT	IN	OUT		
48	13	22	54		

#### RDI: 1-Mile

#### 5.2 Proposed Site Plan and Rezoning

At the time this analysis was being prepared, a site plan for the Lake Worth & Blanchette project was still in preliminary stages. However, the maximum intensity under the proposed Future Land Use designation will generate the same or more traffic than the most intense use that will be proposed on the final site plan. Consequently, this traffic analysis adequately evaluates the intent of Policy 3.5-d.

#### 5.3 Long Range Analysis (2040)

At the time of this submittal, the latest long-range transportation model available from the Transportation Planning Agency was dated August 17, 2016. Based on the 2040 Cost Feasible Plan, net traffic was compared to LOS 'D' for existing and proposed lanes. Exhibit 4 includes the latest Cost Feasible Model Volumes available on the Palm Beach Transportation Planning Agency website.

The 2045 Long Range Transportation Plan is currently being reviewed by the TPA members. An updated draft of the plan was uploaded on the Palm Beach Transportation Planning Agency website on December 6, 2019. Cost Feasible Volumes have not been published for the year 2045. Either way, the proposed Lake Worth & Blanchette project will have an insignificant impact in both 2040 and 2045.

Table 6 shows the first accessible links in the year 2040. As shown in Table 7, analyzed links will operate at the adopted LOS in the year 2040.

Road	From	То	Lanes	Capacity	2040 Daily Volume <sup>3</sup>	Traffic Assignment	Project Traffic	Total Traffic	V/C	% Impact <sup>4</sup>	Significant Impact?	Meets LOS 'D'?
Lake Worth Rd	Lyons Rd	Polo Club Rd	6D	50,300	48,300 -	45.0%	333	48,633	0.97	0.66%	NO	YES
Lake Worth Rd	Polo Club Rd	Florida Turnpike				45.0%	333	48,633	0.97	0.66%	NO	YES
Polo Rd	Lake Worth Rd	Lyons Rd	2	15,200	14,400	15.0%	111	14,511	0.95	0.73%	NO	YES

#### Table 6: Level of Service – 2040 Conditions – Maximum Intensity

Net Daily Traffic: 739

<sup>&</sup>lt;sup>3</sup> 2040 volumes are included in Exhibit 4.

<sup>&</sup>lt;sup>4</sup> A project has significant traffic: (1) when net trip increase will impact FIHS and SIS facilities which are already exceeding the adopted LOS or cause the adopted LOS for FIHS or SIS facilities to be exceeded; and/or (2) where net trip increase impacting roads not on the FIHS or SIS 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 this table. The laneage shall be as shown on the MPO's latest adopted LRTP.

#### 6. CONCLUSION

There is a proposal for a land use change of ±1.61 acres located on the northeast corner of Lake Worth Road and Blanchette Trail in unincorporated Palm Beach County (PBC), Florida. The proposal is to change the current Future Land Use from the current Low Residential, 2 units per acre (LR-2) to Commercial Low Office (CL-O). The proposed requested land use change will allow a maximum density and intensity of 24,546<sup>5</sup> SF of Medical Office uses.

Exhibit 5 includes a copy of the Development Potential Form – 2019 Future Land Use Atlas Amendment Application.

The proposed changes to the Lake Worth & Blanchette project have been evaluated following FLUE Policy 3.5-d of the PBC Comprehensive Plan. This analysis shows the proposed Future Land Use Amendment will be in compliance with Policy 3.5-d of the Land Use Element of the PBC Comprehensive Plan.

<sup>&</sup>lt;sup>5</sup> 1.61 Acres X 43,560 SF X 0.35 FAR = 24,546 SF. Exhibit 1 includes a copy of the property data from the PBC Property Appraiser's office for the site while Exhibit 2 includes the latest survey for the site. Note that the areas from the survey and the property appraiser are slightly different. Areas from the survey were round up and used in this analysis as discussed in the pre-application meeting on December 10, 2019.

Exhibit 1: Property Appraiser Summary

Property Det	tail				
	Location Address	8475 LAKE WORTH RD			
	Municipality	UNINCORPORATED			
	Parcel Control Number	00-42-43-27-05-024-0	617		
	Subdivision	PALM BEACH FARMS C	O PL NO 3		
	Official Records Book	29769	Page 1761		
	Sale Date	MAR-2018			
	Legal Description		O PL NO 3 W 210 FT OF TR 61 () BLK 24	LESS N 270 FT & SLY 57.65	
Owner Infori	mation				
•			Mailing address		
Owners			13465 FOUNTAIN VIEW B	BLVD	
8475LWR LLC			WELLINGTON FL 33414 7	7745	
Sales Inform	ation				
Sales Date	Price	OR Book/Page	Sale Type	Owner	
MAR-2018	\$450,000	29769 / 01761	WARRANTY DEED	8475LWR LLC	
MAR-2007	\$10	21555 / 01796	QUIT CLAIM	MARTIN WILLIAM M &	
MAY-2004	\$10	17019 / 00332	QUIT CLAIM	<b>BLANCHETTE PRISCILLA &amp;</b>	
FEB-2004	\$10	16634 / 00721	QUIT CLAIM	MARTIN WILLIAM M &	
JAN-1975	\$100	02413 / 01708		<b>BLANCHETTE PRISCILLA</b>	
Exemption Ir	nformation				
		No E	xemption information available		
Property Info	ormation				
	Number of Units 1				
	*Total Square Feet 25	581			
	Acres 1.	6021			
	Use Code 01	101 - SINGLE FAMILY-CO	DMM ZONING		
			tial (00-UNINCORPORATED)		
Appraisals					
	Tax Year		2019	2018	201
	Improvement Value		\$117,303	\$110,960	\$110,99
	Land Value		\$279,156	\$88,116	\$88,00
	Total Market Value		\$396,459	\$199,076	\$198,99
		All values are as of Jan	uary 1st each year		
Assessed an	d Taxable Values—				
	Tax Year		2019	2018	201
	Assessed Value		\$396,459	\$199,076	\$198,99
	Exemption Amount		\$0	\$0	\$
	Taxable Value		\$396,459	\$199,076	\$198,99
Taxes			2019	2018	201
Taxes	Tax Year				
Taxes	Ad Valorem		\$7,039	\$3,426	\$3,48
Taxes				\$3,426 \$1,762	\$3,48 \$1,73

Exhibit 2: Survey

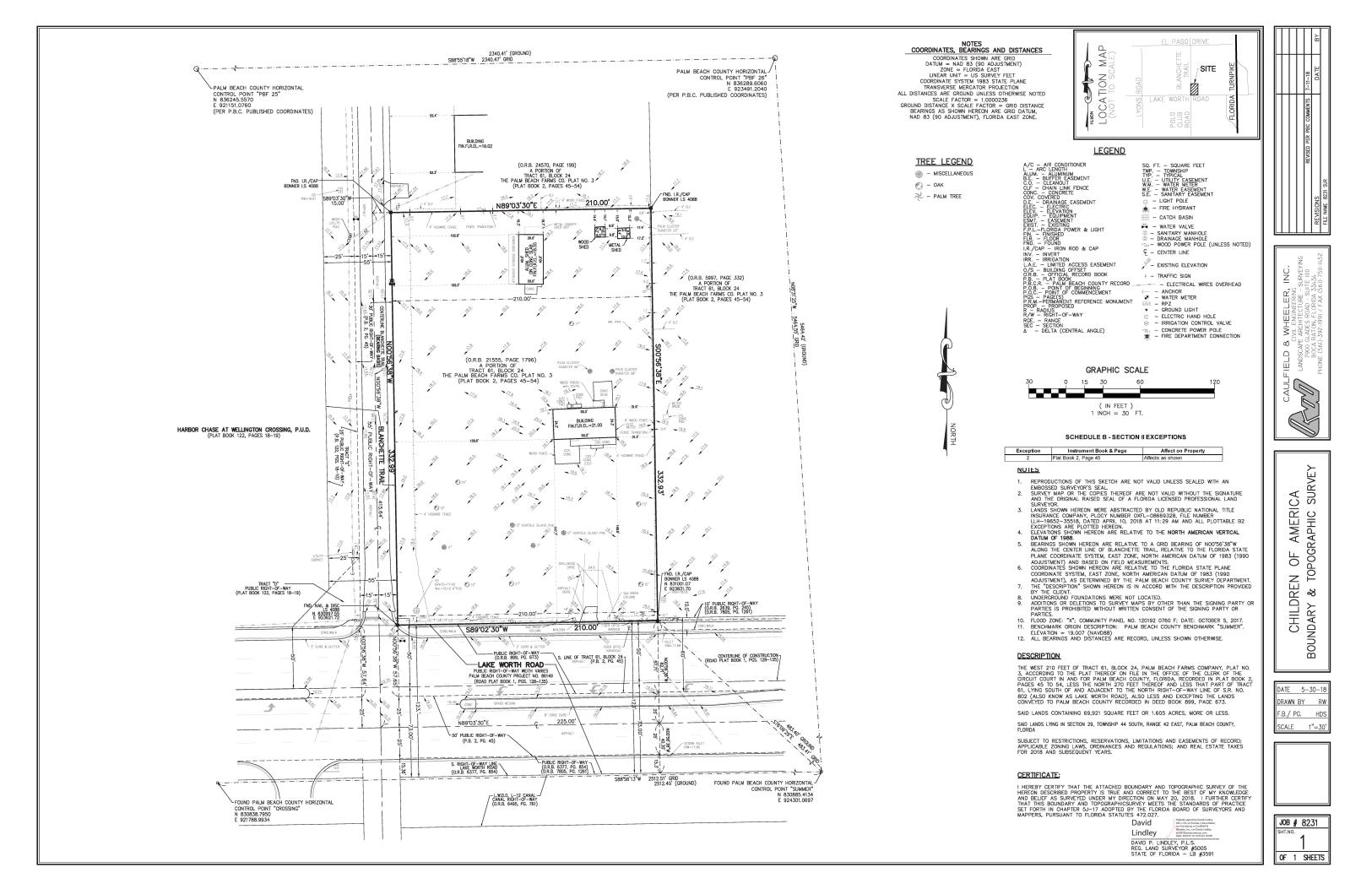


Exhibit 3: Five-Year Road Program

## PALM BEACH COUNTY FIVE YEAR ROAD PROGRAM - EXHIBIT A ( \$'s IN 1,000'S )

Mid-Year Adjustment - Adopted - June 18, 2019

PROJECT	LIMITS	DESCRIPTION	FY 2019	FY 2020	
FROSECT	Limits	DESCRIPTION	Cost Phase	Cost Phase	С
Florida Mango Rd.	over L.W.D.D. L-5 Canal	Bridge Replacement-Culvert		700 C	
Florida Mango Rd.	over PBC L-2 Canal	Bridge Replacement	850 C		
Forest Hill Blvd.	Military Tr.	Intersection Improvements	1,500 P	4,000 P	
Gateway Blvd.	Military Trail	Intersection Improvements		2,100 C	
Gateway Blvd.	High Ridge Rd	Intersection Improvements		1,180 C	
Glades Area	R&R Throughout the Glades	Repair/Reconstruction	700 C	700 C	
Gun Club Rd.	Forest Estates Drive to LWDD E-3 Canal	0.5 mi., 3 L		100 R/M	
Hagen Ranch Rd.	Atlantic Ave.	Intersection Improvements	500 D/R/C		
Happy Hollow Rd.	Smith Sundy Rd. to W. of Lyons Rd.	0.5 mi, 2 L	700 R	650 C	
Harbor Rd	19660 Harbor Rd. to Harbor Rd. N.	Seawall Repair/Slope Stabilization		400 C	
Hypoluxo Rd.	Jog Rd.	Intersection Improvements		1,100 C	1
Jog Rd.	Lake Worth Rd.	Intersection Improvements (Add SBR)	400 D/R	600 R	
Kirk Rd.	LWDD L-7 Canal to Summit Blvd.	0.5 mi, 3/5 L		100 R/M	
Kirk Rd.	Summit Blvd. to Gun Club Rd.	0.8 mi, 3/5 L	620 D/R/M		
Lantana Rd.	Edgecliff Ave.	Intersection Improvements	350 C		1
Lawrence Rd.	S. of Ponza Place to Lantana Road	0.8 mi, 3 L	250 D/R		T
Linton Blvd.	Military Tr.	Intersection Improvements	200 D/R	2,100 C	1
Loxahatchee River Road	SFWMD C-18 Canal	Slope Stabilization	1,500 C	-	1
Lyons Rd.	S. of LWDD L-38 Canal to Atlantic Ave.	2.1 mi, 4 L	10,600 D/C	-	1
Lyons Rd.	N. of LWDD L-30 Canal to Boynton Beach Blvd.	3.0 mi, 4 L	1,900 D/R/M	-	1
Lyons Rd.	N. of L.W.D.D. L-14 Canal to Lake Worth Rd.	1.1 mi, 4 L	8,100 R/C		1
Lyons Rd.	Lake Worth Rd. to S. of L.W.D.D. L-11 Canal	0.5 mi, 3 L	2,900 R/C		1
Lyons Rd.	S. of L.W.D.D. L-11 Canal to N. of L.W.D.D. L-10 Canal	0.6 mi, 2/3 L			
Lyons Rd./Sansbury's Way	Forest Hill Blvd. to Okeechobee Blvd.	Buffered Bike Lanes	10 D	1,090 D	
Mack Dairy Rd.	Indiantown Rd. to Old Indiantown Rd.	0.7 mi., 2 L	1,230 C		
Melaleuca Lane	Jog Rd.	Intersection Improvements	550 D		1
Miner Rd.	Military Trail to Lawrence Rd.	0.6 mi, 3 L	10 D	750 D/R/M	
Northlake Blvd.	E. of Seminole Pratt Whitney Rd. to E. of Hall Blvd.	1.0 mi, 4 L	7,000 C		
Northlake Blvd.	E. of Hall Blvd. to Coconut Blvd.	2.4 mi, 4 L	1,150 D/M/C	3,000 C	1
Okeechobee Blvd.	Jog Road	Intersection Improvements	270 D		
Okeechobee Blvd.	Haverhill Rd.	Intersection Improvements	150 D/R/M		

FY 2021		FY	2022	FY	2023
Cost	Phase	Cost	Phase	Cost	Phase
2,400	P				
700	С	700	с	700	с
		2,340	С		
1,000	c				
		3,200	С		
100	R/M			3,950	С
2,200	С				
100	R/M			5,000	с
				100	P
		5,570	с		
500	R			2,300	с
		500	R/M		
5,200	с				
600	R			900	c
650	С				

Exhibit 4: 2040 Volumes



# Palm Beach MPO 2040 Cost Feasible Volumes

In the proceeding table, the Palm Beach MPO produces and publishes "adjusted" traffic volumes derived from Southeast Florida Regional Planning Model (SERPM) output network files. The MPO's adopted 2040 Long Range Transportation Plan (LRTP) was developed using SERPM 6.5, a traditional 4-step model. SERPM 7 is an activity-based model and the region's currently supported modeling platform, but was released after the conclusion of the LRTP process.

During model development, transportation models are calibrated to a base year using existing counts. SERPM 6.5 uses a 2005 base year and counts, while SERPM 7 is calibrated to 2010. Adjustments to forecasted 2040 output volumes occur when the base year network outputs differ from observed counts at a particular link. Adjustments are increased or decreased depending on the difference and rounded to the nearest hundred.

SERPM 7.062+ seeks to incorporate adopted land use designations as of the release date (June 30, 2016) and includes projects like Minto West, Avenir, and Watertower Commons along with any transportation network commitments they have made (for example a new 4 lane connector road from Northlake Blvd to Beeline Highway). For additional information, please visit <u>www.fsutmsonline.net</u>

					Cost	Observed		Observed		
					Feasible	2005	2010	2015	2040 SERPM 6.5	2040 SERPM7+
Station	Roadway	From	То	Owner	Lanes	Counts	Counts	Counts	Adjusted Volume	Adjusted Volume
4409	LAKE WORTH RD	120th Av	Isles BI	PBC	4D	20,557	15,106	14,871	24,300	21,600
4407	LAKE WORTH RD	Isles Bl	SR-7	PBC	4D	31,272	24,753	26,672	38,600	31,300
4401	LAKE WORTH RD	SR 7	Lyons Rd	FDOT	6D	36,432	37,290	38,065	31,800	47,800
4103	LAKE WORTH RD	Lyons Rd	Florida Turnpike	FDOT	6D	N/A	N/A	42,333	53,600	48,300
4201	LAKE WORTH RD	Florida Turnpike	Pinehurst Dr	FDOT	6D	42,905	38,449	39,166	51,800	49,200
4645	LAKE WORTH RD	Pinehurst Dr	Jog Rd	FDOT	6D	53,067	44,593	46,028	57,500	54,500
4609	LAKE WORTH RD	Jog Rd	Sherwood Forest Blvd	FDOT	6D	45,006	44,260	45,661	50,900	53,400
	LAKE WORTH RD	Sherwood Forest Blvd	Haverhill Rd	FDOT	6D	51,532	41,648	41,210	60,500	52,700
4627	LAKE WORTH RD	Haverhill Rd	Military Tr	FDOT	6D	50,676	43,493	44,371	52,800	55,300
	LAKE WORTH RD	Military Tr	Kirk Rd	FDOT	6D	47,121	44,687	42,951	58,700	58,900
4647	LAKE WORTH RD	Kirk Rd	Congress Ave	FDOT	6D	43,331	37,971	38,415	54,200	50,600
4651	LAKE WORTH RD	Congress Ave	Boutwell Rd	FDOT	4D	29,118	28,562	23,415	36,800	37,900
4305	LAKE WORTH RD	Boutwell Rd	Lake/Lucerne Split	FDOT	4	24,924	N/A	25,497	36,000	24,200
4817	LAKE WORTH RD	Dixie Hwy (SR 805)	'A' St	FDOT	3	9,126	N/A	8,385	14,400	7,500
4813	LAKE WORTH RD	Dixie Hwy (SR 805)	'A' St	FDOT	2	10,601	N/A	8,078	15,200	7,900
4815	LAKE WORTH RD	Federal Hwy (US-1)	Dixie Hwy (SR 805)	FDOT	2	10,042	8,559	8,410	11,700	9,900
4811	LAKE WORTH RD	Federal Hwy	Dixie Hwy (SR 805)	FDOT	2	10,669	8,322	9,526	12,300	9,800
4801	LAKE WORTH RD	A1A	Lucerne Ave	FDOT	4	15,674	12,934	16,111	19,200	15,700
4403	LANTANA RD	SR-7	Lyons Rd	PBC	4D	19,621	14,775	15,574	20,700	14,100
4207	LANTANA RD	Lyons Rd	Hagen Ranch Rd	PBC	6D	38,436	24,298	25,977	46,700	38,500
4669	LANTANA RD	Hagen Ranch Rd	Jog Rd	PBC	6D	38,587	32,050	32,219	49,500	41,900
4619	LANTANA RD	Jog Rd	Haverhill Rd	PBC	6D	40,005	35,130	35,845	45,800	45,800
4675	LANTANA RD	Haverhill Rd	Military Tr	PBC	6D	43,201	42,048	42,602	46,500	53,200
4605	LANTANA RD	Military Tr	Lawrence Rd	PBC	6D	42,958	43,783	41,854	55,700	54,300
4665	LANTANA RD	Lawrence Rd	Congress Ave	PBC	6D	47,796	47,863	47,054	61,600	59,300
4623	LANTANA RD	Congress Ave	High Ridge Rd	PBC	6D	42,455	43,695	41,390	54,700	51,600
4209	LANTANA RD	High Ridge Rd	1-95	PBC	4D	42,461	45,356	43,805	53,000	50,900
4311	LANTANA RD	1-95	Redding Dr	PBC	5	41,769	38,457	37,424	52,800	49,600
4807	LANTANA RD	Redding Dr	Federal Hwy	PBC	5	21,493	N/A	19,392	26,200	14,100
5638	LAWRENCE RD	Woolbright Rd	Boynton Beach Blvd	PBC	5	7,854	7,167	7,651	7,900	9,200
5204	LAWRENCE RD	Boynton Beach Blvd	Gateway Blvd	PBC	5	16,110	13,804	14,777	24,900	15,500
4614	LAWRENCE RD	Gateway Blvd	Hypoluxo Rd	PBC	4D	15,435	14,700	15,074	19,300	18,500
4608	LAWRENCE RD	Hypoluxo Rd	Lantana Rd	PBC	2	11,828	11,018	11,157	14,500	12,300
4661	LE CHALET BLVD	Jog Rd	Military Tr	PBC	4D	10,617	9,652	9,216	11,700	9,500
5635	LINTON BLVD	Jog Rd	Sim Rd	PBC	4D	26,259	28,837	29,366	32,100	33,400
5625	LINTON BLVD	Sim Rd	Military Tr	PBC	6D	28,004	27,495	28,587	31,500	30,200
5607	LINTON BLVD	Military Tr	Homewood Blvd	PBC	6D	36.231	37.464	39,497	43,900	42,500
5661	LINTON BLVD	Homewood Blvd	Congress Ave	PBC	6D	29,850	33,652	39,159	36,600	37,500
5213	LINTON BLVD	Congress Ave	I-95	PBC	6D	47,845	40,928	42,863	53,100	48,100
5313	LINTON BLVD	1-95	10th Ave SW	PBC	6D	44,067	46,456	48,617	53,800	53,400
5819	LINTON BLVD	10th Ave SW	Old Dixie Hwy	PBC	6D	38,062	38,788	40,279	43,700	45,100
5821		Old Dixie Hwy	US 1	PBC	6D	N/A	N/A	32,088	48,600	45,100
5813	LINTON BLVD	US 1	Ocean Blvd	PBC	4D	18,958	15,872	17,857	27,400	18,400
5311	LOWSON BLVD	Congress Ave	SW 10TH Ave	PBC	4	21,862	15,139	16,363	27,500	20,100
1610	LOXAHATCHEE RIVER RD	Indiantown Rd	Roebuck Rd	PBC	2	10,471	10,099	9,010	11,600	10,200
1202	LOXAHATCHEE RIVER RD	Roebuck Rd	PBC Boundary	PBC	2	5,919	N/A	2,865	6,300	3,400
5110	LYONS RD	Boynton Beach Blvd	Flavor Pict Rd	PBC	2	N/A	N/A	12.523	6.800	14,100
	LYONS RD	Flavor Pict Rd	W Atlantic Ave	PBC	2	N/A	N/A	11,585	8,300	14,300

					Cost	Observed		Observed		
					Feasible	2005	2010	2015	2040 SERPM 6.5	2040 SERPM7+
Station	Roadway	From	То	Owner	Lanes	Counts	Counts	Counts	Adjusted Volume	Adjusted Volume
	PALMETTO PARK RD	Powerline Rd	St Andrews Blvd	PBC	6D	55,184	47,704	44,178	58,500	51,100
	PALMETTO PARK RD	St Andrews Blvd	Military Tr	PBC	6D	58,273	52,244	55,317	65,900	53,200
	PALMETTO PARK RD	Military Tr	1-95	PBC	6D	62,369	56,384	62,319	71,200	58,300
	PALMETTO PARK RD	I-95	12th St	PBC	6D	57,155	56,810	59,816	62,100	63,200
	PALMETTO PARK RD	12th St	Boca Raton Blvd	BR	4D	38,166	34,777	37,862	39,600	35,900
	PALMETTO PARK RD	Boca Raton Blvd	Old Dixie Hwy	BR	4D	31,125	30,915	33,796	36,200	36,100
	PALMETTO PARK RD	Old Dixie Hwy	Federal Hwy	BR	4D	16,266	20,367	0	20,200	23,900
	PALMETTO PARK RD	Federal Hwy	NE 5th Ave		4D	17,969	15,668	0	19,600	17,800
	PALMETTO PARK RD	NE 5th Ave	ICWW Bridge	BR	4D	14,853	14,662	15,848	13,500	16,600
	PALMETTO PARK RD	ICWW Bridge	A1A	PBC	4D	15,119	14,135	17,294	13,400	14,500
	PALMWOOD AVE	Frederick Small Rd	Donald Ross Rd	PBC	2	5,991	4,147	4,294	8,200	5,500
	PARK AVE	Old Dixie Hwy	Federal Hwy	PBC	2	6,645	5,608	5,427	12,600	8,700
	PARK AVE	Congress Ave	Old Dixie Hwy	PBC	2	N/A	N/A	N/A	12,600	10,900
		Forest Hill Blvd	Summit Blvd	WPB	2	7,111	N/A	0	8,900	12,100
	PARKER AVE	Summit Blvd	Southern Blvd	WPB	4	14,731	N/A	0	13,600	11,800
	PARKER AVE	Southern Blvd	Belvedere Rd	WPB	4	9,957	N/A	0	10,500	11,200
	PARKER AVE	Belvedere Rd	Okeechobee Blvd	WPB	4	19,454	N/A	0	12,000	21,100
	PERSIMMON BLVD	Seminole Pratt Whitney Rd	140th Ave N	PBC	4	N/A	N/A	N/A	7,400	16,200
-	PERSIMMON BLVD	130th Ave N	Royal Palm Beach Bl	PBC	2	7,621	5,874	6,223	16,800	12,000
	PGA BLVD	Bee Line Hwy	Ryder Cup Blvd (Jog Rd)	FDOT	4	5,801	3,479	3,717	11,500	10,400
	PGA BLVD	Ryder Cup Blvd (Jog Rd)	Florida Turnpike	FDOT	4D	24,751	22,995	26,216	36,300	31,400
-	PGA BLVD	Florida Turnpike	Central Blvd	FDOT	6D	46,848	45,217	49,281	69,900	63,600
=	PGA BLVD	Central Blvd	Military Tr	FDOT	6D	47,793	44,296	48,298	56,500	47,800
	PGA BLVD	Military Tr	I-95	FDOT	6D	49,342	46,147	47,349	56,600	47,400
	PGA BLVD PGA BLVD	I-95 SR 811	SR 811 Gardens Mall	FDOT FDOT	8D 6D	61,761 57,253	59,950	71,477 57,047	60,800	64,900
					-		51,677		76,700	54,800
	PGA BLVD	Gardens Mall	Prosperity Farms Rd	FDOT	6D 6D	44,137	38,076	41,615	45,400	44,400
	PGA BLVD PGA BLVD	Prosperity Farms Rd Ellison Wilson Rd	Ellison Wilson Rd	FDOT FDOT	6D 6D	45,667 30,962	39,880 26,470	41,927 28,710	47,600	44,400
	PIKE RD	Southern Blvd	Federal Hwy Fla Turnpike Entrance	PBC	6D 4	13,697	14,392	16,781	35,200	31,900
	PIKE RD		Belvedere Rd	PBC	4	5,745	4.703	5,212	21,200	24,300 7,900
	PINE TREE LN	Fla Turnpike Entrance Forest Hill Blvd	Keller Rd	PBC	2	2,383	2.382	2,417	7,300 2,900	,
	PINE TREE LN PINEHURST DR	10th Ave N	Lake Worth Rd	PBC	2	10,323	8,789	8,896	2,900	2,600 10.300
	PINEHURST DR	Forest Hill Blvd	10TH Ave N	PBC	2	10,323	9,276	9,334	12,000	11,900
-	PIPERS GLEN BLVD	El Clair Ranch Rd	Military Tr	PBC	2	5,869	5,429	5,468	9,600	7,000
	POINSETTIA AVE	36TH St	25TH St	WPB	2	4,725	0,429 N/A	0	9,800 5,500	6,300
	POINSETTIA AVE	45th St	36th St	WPB	2	11,188	N/A	0	12,200	4,500
	POINSETTIA AVE	45TH St	N End	WPB	2	2,837	N/A	0	3,900	4,600
0000		Lake Worth Rd	Lyons Rd	PBC	2	2,007	N/A	N/A	15.400	14,400
6423	POLO RD PONDEROSA DR	Glades Rd	Palmetto Park Rd	PBC	2	4,734	4,307	4,210	5,500	5,100
	POTOMAC RD	Jog Rd	St Andrews Blvd	BR	2 4D	7,812	7,242	8,172	15,200	14,300
	POTOMAC RD	St Andrews Blvd	Military Tr	BR	4D 4	10.902	9,999	11.175	17.600	15.000
	POWERLINE RD	Broward County Line	SW 18th St	FDOT	4 4D	37,025	9,999 N/A	33,798	51,200	43,500
	POWERLINE RD	SW 18th St	Camino Real	FDOT	4D 4D	35,270	N/A	34,635	45,600	31,500
	POWERLINE RD	Camino Real	Palmetto Park Rd	FDOT	4D 4D	43,555	N/A	33,771	51,600	37,600
	POWERLINE RD	Palmetto Park Rd	Sunstream Blvd	FDOT	4D 4D	29,310	N/A	28,371	33,000	24,400
	POWERLINE RD	Sunstream Blvd	Glades Rd	FDOT	4D 4D	31,736	N/A	27,254	37,700	32,700
		Sanstroam Divu	Olddoo I fu	1001	עד	01,700	4.228	5,005	14,700	9,500

**Exhibit 5: Development Potential Form** 

# 2019 FUTURE LAND USE ATLAS AMENDMENT APPLICATION

# Part 1. Amendment Data

#### A. Amendment Data

Round	20-B2	Intake Date	02/12/2020	
Application Name	Lake Worth & Blanchette	Concurrent? Yes		
Acres	1.61 acres	Text Amend?	No	
PCNs	00-42-43-27-05-024-0617			
Location	Northeast corner of Lake Worth Road and	d Blanchette Trail.		
	Current	Proposed		
Tier	Urban/Suburban	Urban/Suburban		
Use	Single-Family Residential – 1 unit	Commercial – Medical Office		
	Please refer to Attachment F - Built Feature and Inventory Map			
Zoning	Single Family Residential (RS)	Commercial Low Office District (CLO)		
Future Land Use Designation	Low Residential, 2 units per acre (LR-2)	Commercial Low Office		
Underlying Future Land Use Designation	There is no underlying future land use designation for the subject site.	Low Residential, 2 units per acre (LR-2)		
Conditions	There are no existing conditions of approval from any prior adopted amendment attached to the property.	No proposed conditions.		

## **B.** Development Potential

Provide math for each item as indicated (eg. 5 du/acre x 3 acres = 15 units)

	Current FLU	Proposed FLU
Density/ Intensity:	Maximum density of 2 dwelling units per acre Maximum FAR of 0.35	Maximum FAR of 0.35
Maximum Dwelling Units <sup>1</sup> (residential designations)	<u>2</u> du/acre x <u>1.61</u> ac. = <u>3.22</u> The current maximum density allows 3 Single-Family units.	The Commercial Low Office FLU designation prohibits residential uses.
Maximum Beds (for CLF proposals)	The applicant is not proposing a Congregated Living Facility use.	The applicant is not proposing a Congregated Living Facility use.
Population Estimate	3 max du x 2.39 = 7.17	The Commercial Low FLU designation prohibits residential uses.

Maximum Square Feet <sup>2, 4</sup> (non-residential designations)	0.35 FAR x 70,132 sf = 24,546 sf Maximum intensity allows 24,546 sf for non-residential uses permitted in a residential zoning district.	0.35 FAR x 70,132 sf = 24,546 sf Maximum intensity allows 24,546 sf of commercial low floor area.
Proposed or Conditioned Potential <sup>3, 4</sup>	Same as above.	No proposed conditions.
Max Trip Generator	ITE Code 210: Single Family Detached 10 Trips/Day	ITE Code 720: Medical Office 34.8 Trips/Day
Maximum Trip Generation	30 Trips	769 Trips
Net Daily Trips:	<u>739</u> (maximum minus current) <u>739</u> (proposed minus current)	
Net PH Trips:	<u>61</u> AM, <u>76</u> PM (maximum) <u>61</u> AM, <u>76</u> PM (proposed)	

1. Maximum units per acre see Future Land Use Element Table III.C.1;

2. Maximum FAR see FLUE Table III.C.2 for FAR. If the site's acreage is large enough to be a planned development, utilize the PDD maximum whether or not a PDD is proposed. If the site's acreage does not meet the minimum PDD thresholds, the non-PDD maximum may be utilized.

3. For applications with a voluntary condition for a maximum development potential and use which will become binding in the adopting ordinance;

4. FLUA Amendments with a concurrent zoning application must calculate maximum development potential at the typical use & trip generation (eg. General Retail for Commercial future land uses) and in addition, calculate the trip generation for the actual proposed zoning application.

# 2019 FUTURE LAND USE ATLAS AMENDMENT APPLICATION Part 2. Applicant Data

### A. Agent Information

Name	Brian Terry
Company Name	Insite Studio
Address	8144 Okeechobee Blvd
City, State, Zip	West Palm Beach, FL 33411
Phone / Fax Number	561-249-0940
Email Address	Brianterry@insitestudio.com

## B. Applicant Information

Name	Rett Waldman
Company Name	8475LWR LLC
Address	13465 Fountain View Blvd
City, State, Zip	Wellington, FL 33414
Phone / Fax Number	(561) 512-7399
Email Address	Aeverettwaldman@gmail.com
Interest	The applicant is the Property Owner. Please refer to Application Attachment C - Ownership Affidavit and Attachment E - Disclosure of Ownership Interests.