



January 11, 2022

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Verdenia C. Baker

**RE: Villages of Windsor
FLUA Amendment Policy 3.5-d Review
Round 2021-22-B**

Dear Mr. Kerr:

Palm Beach County Traffic Division has reviewed the Land Use Plan Amendment Application Traffic Analysis for the proposed Future Land Use Amendment for the above referenced project, revised December 23, 2021, 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:	Southeast corner of Hypoluxo Road and Lyons Road	
PCN:	00-42-45-08-08-001-0000 (<i>other on file</i>)	
Acres:	11.84 acres	
	Current FLU	Proposed FLU
FLU:	Congregate Living Residential (CLR/2)/Low Residential, 2 units per acre (LR-2)	High Residential, 8 units per acre (HR-8)
Zoning:	Planned Unit Development (PUD)	Planned Unit Development (PUD)
Density/ Intensity:	12 DUs of CLF/acre	8 DUs/acre
Maximum Potential:	Congregate Care Facility = 142 DUs	Multifamily Mid-Rise = 95 DUs
Proposed Potential:	None	Multifamily Mid-Rise = 187 DUs (with Bonus Density)
Net Daily Trips:	230 (maximum – current) 730 (maximum – proposed)	
Net PH Trips:	34 (9/25) AM, 42 (26/16) PM (maximum) 57 (11/46) AM, 56 (36/20) PM (proposed)	
<p>* Maximum indicates typical FAR and maximum trip generator. Proposed indicates the specific uses and intensities/densities anticipated in the zoning application.</p>		

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January 11, 2022
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Based on the review, the Traffic Division has determined that the traffic impacts of the proposed amendment meet Policy 3.5-d of the Future Land Use Element of the Palm Beach County Comprehensive Plan at the **proposed potential** density shown above. Therefore, this amendment requires a condition of approval, based on Transfer of Development Rights (TDR) and density bonus programs, to cap the project at the **proposed** development potential or equivalent trips.

Please note the proposed amendment will have an insignificant impact for the long-range and Test 2 analyses.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "D.S." followed by a stylized surname.

Dominique Simeus, P.E.
Professional Engineer
Traffic Division

DS:qg

cc: Addressee
Quazi Bari, P.E., PTOE – Manager – Growth Management, Traffic Division
Lisa Amara – Director, Zoning Division
Bryan Davis – Principal Planner, Planning Division
Stephanie Gregory – Principal Planner, Planning Division
Khurshid Mohyuddin – Principal Planner, Planning Division
Kathleen Chang – Senior Planner, Planning Division
Jorge Perez – Senior Planner, Planning Division

File: General - TPS – Unincorporated - Traffic Study Review
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COMPREHENSIVE PLAN AMENDMENT
TRAFFIC ANALYSIS

VILLAGES OF WINDSOR
PALM BEACH COUNTY, FL

PREPARED FOR:
AKEL HOMES, LLC

Kimley»Horn

Project #140468000
September 29, 2021
Revised November 3, 2021
Revised December 23, 2021
Registry No. 696
Kimley-Horn and Associates, Inc.
1920 Wekiva Way
West Palm Beach, Florida 33411
561/845-0665 TEL

COMPREHENSIVE PLAN AMENDMENT TRAFFIC ANALYSIS

VILLAGES OF WINDSOR PALM BEACH COUNTY, FL

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

Kimley»Horn

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Introduction

Kimley-Horn and Associates, Inc. has been retained to prepare a comprehensive plan land use amendment traffic analysis for a site located on the southeast corner of Lyons Road & Hypoluxo Road in unincorporated Palm Beach County, Florida. Figure 1 illustrates the location of the project site. The site has an existing Palm Beach County future land use (FLU) designation of CLR. The existing site is currently a 12.12 acre vacant plot. A portion of right of way is being dedicated as part of this application, therefore the final acreage of the site is 11.84 acres. Site information is included in Appendix A for reference.

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. The proposed land use is High Residential, 8 unit per acre (HR-8). Based on the proposed maximum density of 8 units per acre allowed on a HR-8 site, the maximum density is 95 units. With an additional 80% density bonus for WHP and TDR units, the proposed density is 187 dwelling units. Table 1 shows a summary of the existing, maximum and proposed future land use intensities.

Table 1: Maximum Development Intensities Summary

Scenario	Development Intensity	Acreage	Total Development
Existing Future Land Use (Assumed Maximum) CLR (Palm Beach County)	12 units/acre	11.84	142 units
Proposed Future Land Use (Maximum) HR-8 (Palm Beach County)	8 units/acre	11.84	95 units
Proposed Future Land Use (Proposed) HR-8 (Palm Beach County)	8 units/acre*	11.84	187 units*

*Note: Includes additional 80% work force housing density bonus

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



FIGURE 1: PROJECT SITE
LOCATION
VILLAGES OF WINDSOR
140468000

Kimley>>Horn

LEGEND



SITE LOCATION



Traffic Generation

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.

Table 2 compares the trip generation potential of the maximum development intensity allowed under the current FLU designation with the maximum and proposed trip generation potential of the intensity allowed under the proposed FLU designation. The proposed density information was used to conduct the long-term (2045) analysis. Because the site is currently vacant, the trip generation potential of the intensity allowed under the proposed FLU designation was used to conduct the short-term (2026) analysis.

As indicated in Table 2, the existing FLU has the potential to generate 287 net new external daily trips, 10 net new external AM peak hour trips (+6 in, +4 out), and 26 net new external PM peak hour trips (+14 in, +12 out). The maximum FLU for this parcel has the potential to generate 517 net new external daily trips, 34 net new external AM peak hour trips (+9 in, +25 out), and 42 net new external PM peak hour trips (+26 in, +16 out). The proposed FLU for this parcel has the potential to generate 1,017 net new external daily trips, 67 net new external AM peak hour trips (+17 in, +50 out), and 82 net new external PM peak hour trips (+50 in, +32 out). The net change in trip generation potential is an increase of 730 net new external daily trips, an increase of 57 net new external AM peak hour trips (+11 in, +46 out), and an increase of 56 net new external PM peak hour trips (+36 in, +20 out).

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 basis, roadway link analyses were conducted for short-term (2026) and long-term (2045) planning horizons using the appropriate trip generation comparisons summarized above. Based on the trip generation potential, the radius of development influence was determined to be one mile for the short-term (2026) analysis and the directly accessed links on the first accessed major thoroughfares for the long-term (2045) analysis following the guidelines of Section 3.5(d) of the Palm Beach County Comprehensive Plan.

Table 2: Trip Generation (Existing FLU vs Proposed FLU)

Land Use	Intensity	Daily Trips	AM Peak Hour			PM Peak Hour		
			Total	In	Out	Total	In	Out
Existing Future Land Use								
Congregate Care Facility	142 DU	287	10	6	4	26	14	12
		<i>Subtotal</i>	287	10	6	26	14	12
Pass-By Capture								
Congregate Care Facility	0.0%	0	0	0	0	0	0	0
		<i>Subtotal</i>	0	0	0	0	0	0
Driveway Volumes			287	10	6	26	14	12
Net New External Trips			287	10	6	26	14	12
Maximum Future Land Use								
Multifamily Mid-Rise	95 DU	517	34	9	25	42	26	16
		<i>Subtotal</i>	517	34	9	42	26	16
Pass-By Capture								
Multifamily Mid-Rise	0.0%	0	0	0	0	0	0	0
		<i>Subtotal</i>	0	0	0	0	0	0
Driveway Volumes			517	34	9	42	26	16
Net New External Trips (Short-Term)			517	34	9	42	26	16
Proposed Future Land Use								
Multifamily Mid-Rise	187 DU	1,017	67	17	50	82	50	32
		<i>Subtotal</i>	1,017	67	17	82	50	32
Pass-By Capture								
Multifamily Mid-Rise	0.0%	0	0	0	0	0	0	0
		<i>Subtotal</i>	0	0	0	0	0	0
Driveway Volumes			1,017	67	17	82	50	32
Net New External Trips (Short-Term)			1,017	67	17	82	50	32
Proposed Net External Trips-Existing Net New External Trips (Long-Term)			730	57	11	46	36	20
Radius of Development Influence: 1 miles								
Land Use	Daily	AM Peak Hour			PM Peak Hour			Pass By
Congregate Care Facility	2.02 trips/DU	0.07 trips/DU (60% in, 40% out)			0.18 trips/DU (53% in, 47% out)			0.0%
Multifamily Mid-Rise	5.44 trips/DU	0.36 trips/DU (26% in, 74% out)			0.44 trips/DU (61% in, 39% out)			0.0%

Traffic Distribution

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

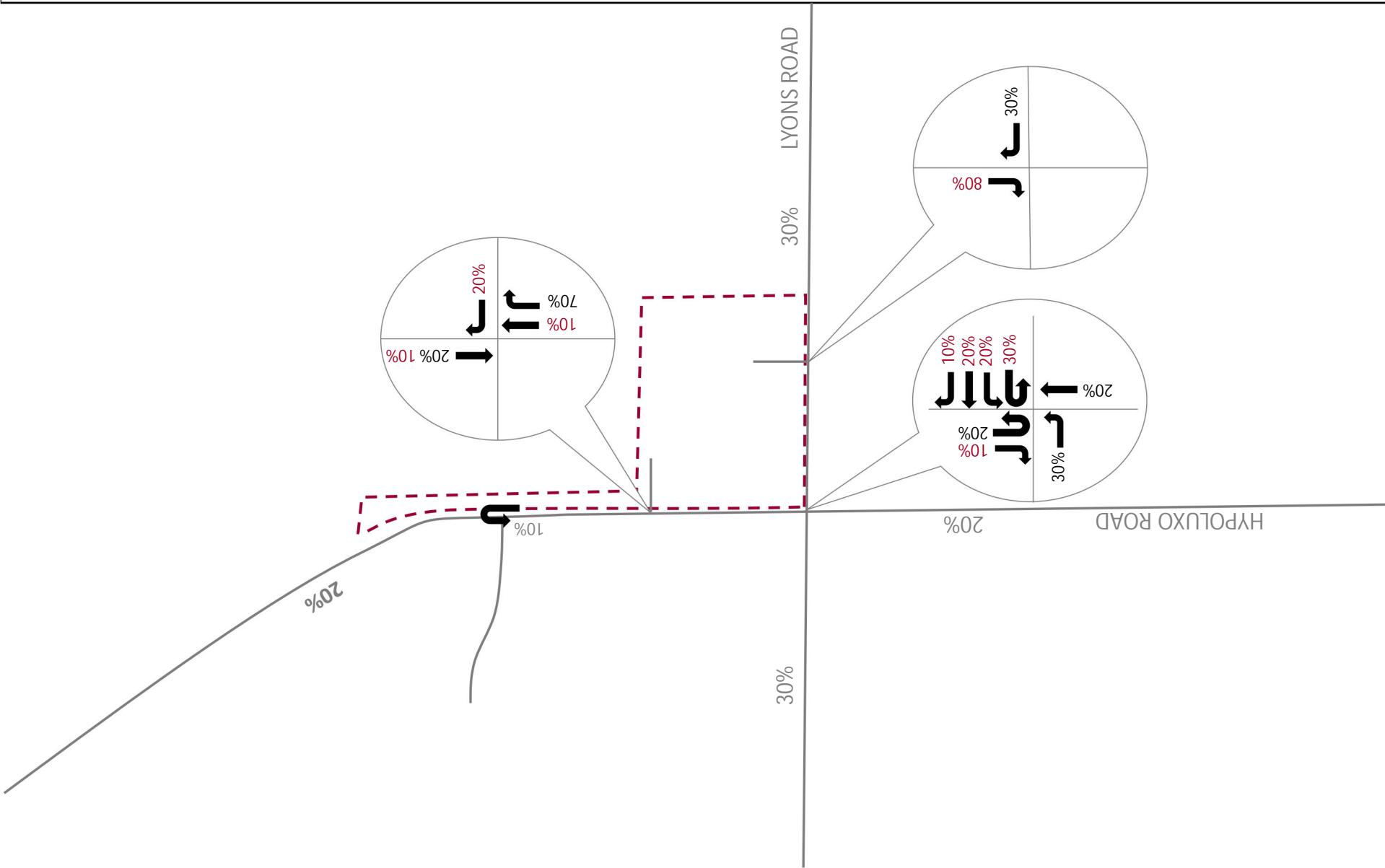
Traffic Assignment

The daily and peak hour trips for the project were assigned to the surrounding roadway network proposed to be in place for each respective analysis year. Figure 2 illustrates the project traffic assignment to the surrounding roadway network.



SITE LOCATION XX INBOUND DISTRIBUTION
XX OUTBOUND DISTRIBUTION

LEGEND



Level of Service Analysis

Consistent with comprehensive plan amendment evaluation requirements, roadway segment analyses were conducted to address the traffic conditions for the existing conditions, short-term planning horizon, and long-term planning horizon.

Existing Roadway Link Volumes and Level of Service

The adopted level of service standard, corresponding service volumes, existing (2019 or 2020) peak hour volume and existing volume to capacity ratio (v/c) for the surrounding roadway network are summarized in Table 3. The most recent year traffic volume data from the Palm Beach County Traffic Division is provided for reference in Appendix B.

Short-Term (2026) Horizon

This analysis is based on the Test 2 standards of the Palm Beach County Traffic Performance Standards Ordinance (TPSO) and was conducted using the directional peak-season peak hour traffic volumes published by Palm Beach County. As stated previously, this analysis utilizes the peak hour trip generation potential of the proposed land use with no reduction for baseline conditions because the site is currently vacant.

Long-Term (2045) Horizon

This analysis was conducted using the net increase in the daily trip generation potential of the existing FLU and proposed FLU compared to the peak hour two-way generalized LOS D volumes on each directly accessed link.

Table 3: Existing Link Volumes and Level of Service

ROADWAY FROM	TO	EXISTING			DIRECTION	COUNT YEAR	EXISTING TRAFFIC VOLUME	EXISTING V/C
		LANES	FACILITY TYPE	LOS D SERVICE VOLUME				
AM PEAK HOUR								
Lyons Road								
Boynton Beach Boulevard	Hypoluxo Road	4LD	Class I	1,960	NB	2019	606	0.31
		4LD	Class I	1,960	SB	2019	1,438	0.73
Hypoluxo Road	Lantana Road	4LD	Class I	1,960	NB	2020	583	0.30
		4LD	Class I	1,960	SB	2020	761	0.39
Hypoluxo Road								
State Road 7	Lyons Road	4LD	Class I	1,960	EB	2019	421	0.21
		4LD	Class I	1,960	WB	2019	658	0.34
Lyons Road	Florida's Turnpike	4LD	Class I	1,960	EB	2020	666	0.34
		4LD	Class I	1,960	WB	2020	1,081	0.55
Florida's Turnpike	Hagen Ranch Road	4LD	Class I	1,960	EB	2020	1,243	0.63
		4LD	Class I	1,960	WB	2020	1,105	0.56
PM PEAK HOUR								
Lyons Road								
Boynton Beach Boulevard	Hypoluxo Road	4LD	Class I	1,960	NB	2019	1,281	0.65
		4LD	Class I	1,960	SB	2019	678	0.35
Hypoluxo Road	Lantana Road	4LD	Class I	1,960	NB	2020	850	0.43
		4LD	Class I	1,960	SB	2020	546	0.28
Hypoluxo Road								
State Road 7	Lyons Road	4LD	Class I	1,960	EB	2019	681	0.35
		4LD	Class I	1,960	WB	2019	480	0.24
Lyons Road	Florida's Turnpike	4LD	Class I	1,960	EB	2020	1,120	0.57
		4LD	Class I	1,960	WB	2020	827	0.42
Florida's Turnpike	Hagen Ranch Road	4LD	Class I	1,960	EB	2020	1,173	0.60
		4LD	Class I	1,960	WB	2020	1,292	0.66

Short-Term (2026) Horizon

As previously noted, the existing site is currently vacant. Therefore, the net increase in peak hour trip generation potential is 57 net new external AM peak hour trips (+11 in, +46 out) and 56 net new external PM peak hour trips (+36 in, +20 out). For the purposes of this analysis, the radius of development influence is one mile. Significance was determined in accordance with the Test 2 LOS E peak hour peak-directional service volumes indicated in the Palm Beach County TPSO. As indicated in Table 4, none of the roadway segments within the radius of development influence are significantly impacted; therefore, the links are expected to operate acceptably during the short-term (2026) horizon.

Table 4: Short-Term (2026) Significance Analysis

ROADWAY SEGMENT	COMMITTED NUMBER OF LANES	LOS E GEN. SVC. VOLUME	PROJECT TRIPS															
			PROJECT % ASSIGNMENT	NB/EB IN/OUT?	AM PEAK HOUR						PM PEAK HOUR							
					PROJECT TRIPS		% IMPACT			PROJECT TRIPS		% IMPACT						
			NB/EB	SB/WB	NB/EB	Sig?	SB/WB	Sig?	NB/EB	SB/WB	NB/EB	Sig?	SB/WB	Sig?				
Lyons Road																		
Boynton Beach Boulevard	Hypoluxo Road	4LD	1,960	30%	i	5	15	0.26%	No	0.77%	No	15	10	0.77%	No	0.51%	No	
Hypoluxo Road	Lantana Road	4LD	1,960	30%	o	15	5	0.77%	No	0.26%	No	10	15	0.51%	No	0.77%	No	
Hypoluxo Road																		
State Road 7	Lyons Road	4LD	1,960	20%	i	3	10	0.15%	No	0.51%	No	10	6	0.51%	No	0.31%	No	
Lyons Road	Florida's Turnpike	4LD	1,960	20%	o	10	3	0.51%	No	0.15%	No	6	10	0.31%	No	0.51%	No	
Florida's Turnpike	Hagen Ranch Road	4LD	1,960	20%	o	10	3	0.51%	No	0.15%	No	6	10	0.31%	No	0.51%	No	

Long-Term (2045) Horizon

The net increase in daily trip generation potential between the existing and proposed FLU designations is 730 net new external daily trips. The radius of development influence and the significantly impacted roadway links were determined based on Policy 3.5(d) of the Palm Beach County Comprehensive Plan. For this analysis scenario, the radius of development influence is the directly-accessed link. The 2045 cost feasible number of lanes utilized in the long-term (2045) analysis and published by the Palm Beach County Metropolitan Planning Organization (MPO) are included in Appendix C.

As indicated in Table 5, the roadway links on Lyons Road and Hypoluxo Road are not anticipated to be significantly impacted and therefore no further analysis is necessary.

Table 5: Long-Term (2045) Analysis

ROADWAY SEGMENT	2045 FEASIBLE NUMBER OF LANES (1)	LOS D GEN. SVC. VOLUME	DAILY TRIPS					2045 AADT 2-WAY (2)	TOTAL TRIPS 2-WAY	v/c	
			PROJECT % ASSIGNMENT	2-WAY PROJECT TRAFFIC	% IMPACT	SIGNIFICANCE THRESHOLD	SIG?				
Lyons Road											
Boynton Beach Boulevard	Hypoluxo Road	4LD	33,200	30%	219	0.66%	2.00%	No	42,600	42,819	1.29
Hypoluxo Road	Lantana Road	4LD	33,200	30%	219	0.66%	3.00%	No	36,300	36,519	1.10
Hypoluxo Road											
State Road 7	Lyons Road	4LD	33,200	20%	146	0.44%	3.00%	No	17,300	17,446	0.53
Lyons Road	Florida's Turnpike	4LD	33,200	20%	146	0.44%	3.00%	No	24,200	24,346	0.73

(1) Based upon 2045 Cost Feasible Lanes adopted by Palm Beach County MPO. See Appendix.

(2) Based upon 2045 SERPM 8 Adjusted Volumes.

Conclusion

The foregoing comprehensive plan traffic analysis has been conducted to evaluate the proposed future land use change to High-Residential, 8 units per acre (HR-8). The project is located at the southeast corner of Lyons Road & Hypoluxo Road in unincorporated Palm Beach County, Florida.

Based on the analyses conducted, all roadway links within the radius of development influence are not expected to be significantly impacted by the proposed land use change.

Appendix A: Site Information

Property Detail

Parcel Control Number:	00-42-45-08-08-001-0000	Location Address:	
Owners:	CIVIC HYPOLUXO HOLDING LLC		
Mailing Address:	5300 W ATLANTIC AVE STE 505, DELRAY BEACH FL 33484 8833		
Last Sale:	DEC-2017	Book/Page#:	29570 / 275
Property Use Code:	1000 - VACANT COMMERCIAL	Zoning:	PUD - Residential Planned Unit Dev' (00-UNINCORPORATED)
Legal Description:	VILLAGES OF WINDSOR PL 3 PAR A K/A FUTURE PRIVATE CIVIC PAR	Total SF:	0
		Acres	12.1220

2021 Values (Preliminary)

Improvement Value	\$0	Ad Valorem	\$38,031
Land Value	\$2,188,293	Non Ad Valorem	\$644
Total Market Value	\$2,188,293	Total Tax	\$38,675
Assessed Value	\$2,188,293		
Exemption Amount	\$0	No Details Found	
Taxable Value	\$2,188,293	Applicants	No Details Found

All values are as of January 1st each year.**2021 Taxes (Preliminary)**

Improvement Value	\$0	Ad Valorem	\$38,031
Land Value	\$2,188,293	Non Ad Valorem	\$644
Total Market Value	\$2,188,293	Total Tax	\$38,675
Assessed Value	\$2,188,293		
Exemption Amount	\$0	No Details Found	
Taxable Value	\$2,188,293	Applicants	No Details Found

Building Footprint (Building 0)**No Image Found****Subarea and Square Footage (Building 0)**

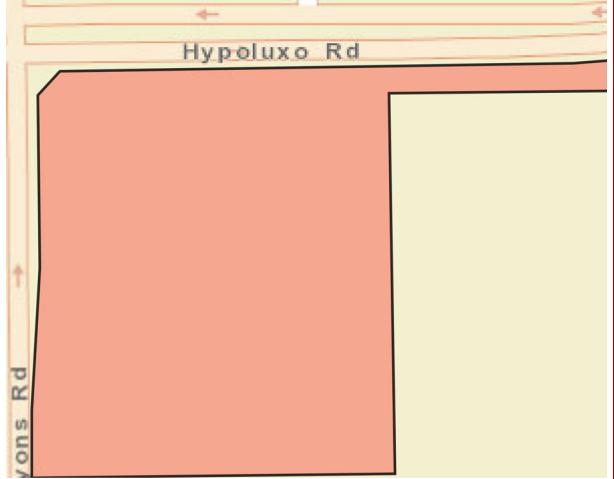
Description	Area	Sq. Footage
No Data Found.		

Extra Features

Description	Year Built	Unit
No Extra Feature Available		

Structural Details (Building 0)

Description

MAP

Appendix B: Existing Traffic Data

STN#	ROAD	FROM	TO	LANES	PK HR LOS	DAILY TRAFFIC VOLUMES					2019 DAILY		18-19 GR	3YR GR	2019 AM PEAK HOUR			2019 PM PEAK HOUR		
						2014	2015	2016	2017	2018	VOL	DATE			2-WAY	NB/EB	SB/WB	2-WAY	NB/EB	SB/WB
4648	HIGH RIDGE RD	Gateway Blvd	Hypoluxo Rd	2	880	6325	6527	7125	7107	7139	7668	2/26/2019	7.41%	2.48%	1077	469	609	768	456	321
2105	HOOD RD	Jog Road	Central Blvd	4D	3320	8428	10325	10388	10204			3/6/2019								
2611	HOOD RD	Central Blvd	Military Tr	4D	1770	12043	14060	15598	13896	14704	13717	3/6/2019	-6.71%	-4.19%	1525	888	665	1239	602	673
2213	HOOD RD	Military Tr	SR 811	4D	1960	15373	16490	17622	16388	16573	16166	3/6/2019	-2.46%	-2.83%	1382	959	453	1459	700	779
2613	HOOD RD	SR-811	Prosperity Farms Rd	2	880	5939	6477	6598	6048	6424	6938	3/6/2019	8.00%	1.69%	557	266	309	554	273	281
4411	HYPOLUXO RD	SR-7	Lyons Rd	4D	1960	9741	9710	10447	11350	11951	12296	1/30/2019	2.89%	5.58%	1079	421	658	1114	681	480
4683	HYPOLUXO RD	Lyons Rd	Fl Turnpike	4D	1960	16484	16237	18212	18390	20258	20911	4/3/2019	3.22%	4.71%	1653	661	1018	1851	1068	792
4685	HYPOLUXO RD	Fl Turnpike	Hagen Ranch Rd	4D	1960	23292	22673	24396	24733	26780	26856	1/30/2019	0.28%	3.25%	2272	1290	1047	2397	1166	1241
4671	HYPOLUXO RD	Hagen Ranch Rd	Jog Rd	4D	1960	24704	24215	25069	25171	27664	26850	1/30/2019	-2.94%	2.31%	2370	1270	1120	2288	1175	1132
4629	HYPOLUXO RD	Jog Rd	Haverhill Rd	6D	2940	28979	30344	31104	30302	31702	31846	1/30/2019	0.45%	0.79%	2715	1311	1404	2805	1437	1375
4681	HYPOLUXO RD	Haverhill Rd	Military Tr	6D	2940	35757	37516	37469	40410	40668	41169	2/26/2019	1.23%	3.19%	3529	2290	1297	3487	1614	1972
4607	HYPOLUXO RD	Military Tr	Lawrence Rd	6D	2940	40357	42197	44297	43585	44143	43902	2/26/2019	-0.55%	-0.30%	3470	1919	1636	3748	1801	1987
4621	HYPOLUXO RD	Lawrence Rd	Congress Ave	6D	2680	38204	41057	40596	41416	40601	43571	4/3/2019	7.32%	2.39%	3206	1939	1400	3762	1613	2203
4809	HYPOLUXO RD	Seacrest Blvd	Dixie Hwy	5	1770	15281	17130	16884	17010	16902	16585	2/26/2019	-1.88%	-0.59%	1172	624	548	1408	660	769
1605	INDIAN CREEK BLVD	Central Blvd	Military Tr	4D	1960	12136	12329	12993	12714	13933	13112	2/11/2019	-5.89%	0.30%	1247	874	380	1222	543	704
1615	INDIAN CREEK BLVD	Toney Penna Dr	Maplewood Dr	4D	1960	16160	17785	19809	18120	17754	18073	2/19/2019	1.80%	-3.01%	1568	950	618	1818	756	1062
1613	INDIAN CREEK PKWY	Central Blvd	Maplewood Dr	4D	1960	17457	17955	18727	18476	18572	17866	4/8/2019	-3.80%	-1.56%	1616	993	623	1714	700	1014
1405	INDIANTOWN RD	Bee Line Hwy	Pratt-Whitney Rd	2	1140	1818	1763	1766		2126	1965	1/14/2019	-7.57%	3.62%	239	185	63	192	86	110
1403	INDIANTOWN RD	Pratt-Whitney Rd	130th Ave N	2	1140	5156	4985	5186	5821	6400	5585	1/14/2019	-12.73%	2.50%	601	257	381	611	415	217

STN#	ROAD	FROM	TO	LANES	PK HR LOS	DAILY TRAFFIC VOLUMES					2019 DAILY		18-19 GR	3YR GR	2019 AM PEAK HOUR			2019 PM PEAK HOUR		
						2014	2015	2016	2017	2018	VOL	DATE			2-WAY	NB/EB	SB/WB	2-WAY	NB/EB	SB/WB
4405	LYONS RD	Lake Worth Rd	Lantana Rd	4D	1960	10595	11242	12369	12072	14334	14808	2/19/2019	3.31%	6.18%	1413	911	578	1440	780	682
4404	LYONS RD	Lantana Rd	Hypoluxo Rd	4D	1960	10627	11376		12148	13909	14087	2/19/2019	1.28%		1171	525	671	1413	943	509
5108	LYONS RD	Hypoluxo Rd	Boynton Beach Blvd	4D	1960	16722	18210	18707	19350	20937	21386	2/19/2019	2.14%	4.56%	2007	606	1438	1901	1281	678
5110	LYONS RD	Boynton Beach Blvd	Flavor Pict Rd	2	1140	12242	12523	13909	13855	15434	15669	2/19/2019	1.52%	4.05%	1613	694	935	1298	788	545
5112	LYONS RD	Flavor Pict Rd	W Atlantic Ave	2	1140	9053	11585	12521	12019	14473	14981	1/22/2019	3.51%	6.16%	1364	464	900	1199	731	472
5406	LYONS RD	W Atlantic Ave	158 Rd S	2	880	14462	15262	15629	15222	16154	15583	1/22/2019	-3.53%	-0.10%	1210	555	725	1263	772	598
6114	LYONS RD	158 Rd S	Clint Moore Rd	2	880	13122	14399	15769	15558	16479	17482	1/22/2019	6.09%	3.50%	1544	582	1013	1440	873	582
6416	LYONS RD	Clint Moore Rd	Yamato Rd	4D	1960	18650	19936	21033	21017	20806	21591	1/22/2019	3.77%	0.88%	1894	955	1008	1875	847	1028
6424	LYONS RD	Yamato Rd	Kimberly Rd	6D	2680	27272	28538	30165	28983	29113	30466	1/22/2019	4.65%	0.33%	2330	1267	1107	2862	1215	1655
6404	LYONS RD	Kimberly Rd	Glades Rd	6D	2940	34377	33892	35272	34601	35118	37171	1/22/2019	5.85%	1.76%	2552	1246	1399	3446	1697	1749
6406	LYONS RD	Glades Rd	Palmetto Park Rd	4D	1960	26458	28072	29690	28755		28245	1/22/2019		-1.65%	1941	1184	834	2725	1259	1477
6410	LYONS RD	Palmetto Park Rd	SW 18th St	4D	1770	27480	28707	29574	30656		31363	1/22/2019		1.98%	2604	1818	878	3178	1464	1714
6112	LYONS RD	SW 18th St	Broward County Line	4D	1770	29860	30462	32051	32859		34956	1/22/2019		2.93%	3296	1866	1525	3771	2021	1775
2813	MARTIN LUTHER KING J	Australian Ave	President Barack Oba	2	810		7848	8480			8712	3/13/2019		0.90%	615	321	311	737	318	436
2827	MARTIN LUTHER KING J	President Barack Obam	W Port Rd	5	1770		6997				10526	1/28/2019			993	651	381	944	353	601
2825	MARTIN LUTHER KING J	W Port Rd	US 1	5	1770		3407	3919			2980	1/28/2019		-8.73%	258	123	165	180	122	73
4615	MELALEUCA LA	Jog Rd	Haverhill Rd	5	1960	14093	15332	15416	16349	16846	16894	1/28/2019	0.28%	3.10%	1197	525	695	1488	666	841
4657	MELALEUCA LA	Haverhill Rd	Military Tr	5	1960	23843	24818	26916	26869	26528	27540	2/4/2019	3.81%	0.77%	2129	1317	832	2463	980	1520
4617	MELALEUCA LA	Military Tr	Kirk Rd	5	1960	25172	25665	26476	27847	28514	28164	3/26/2019	-1.23%	2.08%	2387	1383	1004	2429	1048	1381

STN#	ROAD	FROM	TO	LANES	PK HR LOS	DAILY TRAFFIC VOLUMES					*2020 DAILY VOL DATE			2020 AM PEAK HOUR		2020 PM PEAK HOUR				
						2015	2016	2017	2018	2019	2015	2016	2017	19-20 GR	3YR GR	2-WAY NB/EB SB/WB	2-WAY NB/EB SB/WB			
2213	HOOD RD	Military Tr	SR 811	4D	1960	16490	17622	16388	16573	16166	15912	12/10/2019	-1.60%	-0.98%	1380	950	464	1395	669	735
2613	HOOD RD	SR-811	Prosperty Farms Rd	2	880	6477	6598	6048	6424	6938										
4411	HYPOLUXO RD	SR-7	Lyons Rd	4D	1960	9710	10447	11350	11951	12296										
4683	HYPOLUXO RD	Lyons Rd	Fl Turnpike	4D	1960	16237	18212	18390	20258	20911	21013	1/13/2020	0.49%	4.54%	1712	666	1081	1875	1120	827
4685	HYPOLUXO RD	Fl Turnpike	Hagen Ranch Rd	4D	1960	22673	24396	24733	26780	26856	28137	12/16/2019	4.55%	4.39%	2307	1243	1105	2465	1173	1292
4671	HYPOLUXO RD	Hagen Ranch Rd	Jog Rd	4D	1960	24215	25069	25171	27664	26850										
4629	HYPOLUXO RD	Jog Rd	Haverhill Rd	6D	2940	30344	31104	30302	31702	31846	31572	12/6/2019	-0.87%	1.38%	2361	1165	1513	2924	1543	1386
4681	HYPOLUXO RD	Haverhill Rd	Military Tr	6D	2940	37516	37469	40410	40668	41169										
4607	HYPOLUXO RD	Military Tr	Lawrence Rd	6D	2940	42197	44297	43585	44143	43902										
4621	HYPOLUXO RD	Lawrence Rd	Congress Ave	6D	2680	41057	40596	41416	40601	43571										
4809	HYPOLUXO RD	Seacrest Blvd	Dixie Hwy	5	1770	17130	16884	17010	16902	16585										
1605	INDIAN CREEK BLVD	Central Blvd	Military Tr	4D	1960	12329	12993	12714	13933	13112	13567	12/3/2019	3.35%	2.19%	1276	877	406	1225	531	707
1615	INDIAN CREEK BLVD	Toney Penna Dr	Maplewood Dr	4D	1960	17785	19809	18120	17754	18073	18728	12/3/2019	3.50%	1.11%	1632	930	717	1971	799	1172
1613	INDIAN CREEK PKWY	Central Blvd	Maplewood Dr	4D	1960	17955	18727	18476	18572	17866	18301	12/3/2019	2.38%	-0.32%	1519	930	615	1875	793	1082
1405	INDIANTOWN RD	Bee Line Hwy	Pratt-Whitney Rd	2	1140	1763	1766	2126	1965											
1403	INDIANTOWN RD	Pratt-Whitney Rd	130th Ave N	2	1140	4985	5186	5821	6400	5585										
1409	INDIANTOWN RD	Alexander Run	130th Ave N	4D	1960	14435	15125	15343	15124	15394	14718	1/7/2020	-4.59%	-1.38%	1441	931	529	1352	602	755
1407	INDIANTOWN RD	Alexander Run	Jupiter Farms Rd	4D	1960	22332	24449	23473	24082	24281	24464	1/7/2020	0.75%	1.39%	2290	1491	829	2065	904	1184
1103	INDIANTOWN RD	Jupiter Farms Rd	Florida Turnpike	4D	1960	28879	30310	30568	32996											

* Only the counts unaffected by COVID-19 crisis are being reported

STN#	ROAD	FROM	TO	LANES	PK HR LOS	DAILY TRAFFIC VOLUMES					*2020 DAILY		19-20 GR	3YR GR	2020 AM PEAK HOUR			2020 PM PEAK HOUR		
						2015	2016	2017	2018	2019	VOL	DATE			2-WAY NB/EB	SB/WB	2-WAY NB/EB	SB/WB		
4614	LAWRENCE RD	Hypoluxo Rd	Gateway Blvd	4D	1960	15074	16578	17215	17266	16895	16994	1/7/2020	0.58%	-0.43%	1904	772	1153	1605	914	697
5204	LAWRENCE RD	Gateway Blvd	Boynton Beach Blvd	5	1960	14777	15380	16588	17539	16116	16212	1/27/2020	0.59%	-0.76%	1225	393	889	1660	979	681
5638	LAWRENCE RD	Boynton Beach Blvd	Woolbright Rd	5	1960	7651	7845	8011	8714	8422	8150	1/27/2020	-3.34%	0.58%	687	221	482	803	497	316
4661	LE CHALET BLVD	Jog Rd	Military Tr	4D	1960	9216	9403	9480	9538	9916	9745	1/21/2020	-1.75%	0.92%	839	473	368	969	500	499
5635	LINTON BLVD	Jog Rd	Sim Rd	4D	1770	29366	29824	30832	31891	31759										
5607	LINTON BLVD	Military Tr	Homewood Blvd	6D	2940	39497	41394	41745	42810	41370										
5661	LINTON BLVD	Homewood Blvd	Congress Ave	6D	2940	39159	38059	39684	39082	38707										
5819	LINTON BLVD	10th Ave SW	Old Dixie Hwy	6D	2680	40279	43808	42746	41916	41063										
5821	LINTON BLVD	Old Dixie Hwy	US 1	6D	2680	32088	34588	33341	32617	33089										
1202	LOXAHATCHEE RIVER R	PBC Boundary	Roebuck Rd	2	1140	2865	3037	3141	3196	3154	3006	1/13/2020	-4.92%	-1.45%	225	115	150	307	176	136
3466	LYONS RD	Southern Blvd	Dillman Rd	2	880	13283	13700	14987	14619		14308	2/10/2020		-1.53%	1179	708	471	1345	546	808
3460	LYONS RD	Dillman Rd	Forest Hill Blvd	2	880	11968	13125	13409	13819	13737	13636	12/9/2019	-0.74%	0.56%	1446	790	656	1463	582	912
3462	LYONS RD	Forest Hill Blvd	Stribling Way	2	880	8711	9437	9168	9792	10390	9877	12/9/2019	-5.19%	2.51%	992	663	343	972	428	572
4405	LYONS RD	Lake Worth Rd	Lantana Rd	4D	1960	11242	12369	12072	14334	14808	14410	12/9/2019	-2.76%	6.08%	1486	901	599	1394	758	651
4404	LYONS RD	Lantana Rd	Hypoluxo Rd	4D	1960	11376		12148	13909	14087	14453	12/9/2019	2.53%	5.96%	1315	583	761	1346	850	546
5108	LYONS RD	Hypoluxo Rd	Boynton Beach Blvd	4D	1960	18210	18707	19350	20937	21386										
5110	LYONS RD	Boynton Beach Blvd	Flavor Pict Rd	2	1140	12523	13909	13855	15434	15669	16850	2/12/2020	7.01%	6.74%	1462	624	850	1481	862	624
5112	LYONS RD	Flavor Pict Rd	W Atlantic Ave	2	1140	11585	12521	12019	14473	14981										
5406	LYONS RD	W Atlantic Ave	158 Rd S	2	880	15262	15629	15222	16154	15583	17734	12/3/2019	12.13%	5.22%	1386	819	735	1484	1088	425

Appendix C: Palm Beach MPO 2045 Cost Feasible Laneage Information

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	2015 Count	2018 Count	2015 Model	2045 Model	2045 Adjusted
	933501	HIGH RIDGE RD	Gateway Blvd	Miner Rd	2	5	-	-	11,431	20,370	20,400
4648	937304	HIGH RIDGE RD	Miner Rd	Hypoluxo Rd	2	2	6,527	7,139	5,346	7,090	8,700
	937483	HIGH RIDGE RD	Hypoluxo Road	Lk. Osborne Drive	2	2	-	-	7,884	9,757	9,800
2307	937055	HOLLY DR	Military Tr	SR 811	2	2	6,539	7,200	3,697	4,450	7,300
	937730	HOMEWOOD BLVD	Linton Blvd	Atlantic Ave	2	2	-	-	5,479	6,354	6,400
2105	937068	HOOD RD	Jog Road	Central Blvd	2	2	10,325	10,200	3,888	5,598	12,000
2611	937070	HOOD RD	Central Blvd	Military Tr	4	4	14,060	14,704	18,474	37,301	32,900
2213	937069	HOOD RD	Military Tr	SR 811	4	4	16,490	16,573	30,999	39,274	24,800
2613	937071	HOOD RD	SR-811	Prosperity Farms Rd	2	2	6,477	6,424	5,329	6,346	7,700
7041	930765	HOOKER HWY	SR-715	SR-80	2	4	4,461	4,600	2,677	13,298	15,100
4411	937281	HYPOLUXO RD	SR-7	Lyons Rd	4	4	9,710	11,951	15,388	22,949	17,300
4683	937281	HYPOLUXO RD	Lyons Rd	Fl Turnpike	4	4	16,237	20,258	15,388	22,949	24,200
4685	937004	HYPOLUXO RD	Fl Turnpike	Hagen Ranch Rd	4	4	22,673	26,780	20,605	25,425	28,000
4671	937281	HYPOLUXO RD	Hagen Ranch Rd	Jog Rd	4	4	24,215	27,664	15,388	22,949	31,800
4629	937004	HYPOLUXO RD	Jog Rd	Haverhill Rd	6	6	30,344	31,702	20,605	25,425	35,200
4681	937003	HYPOLUXO RD	Haverhill Rd	Military Tr	6	6	37,516	40,668	21,791	26,538	42,300
4607	937278	HYPOLUXO RD	Military Tr	Lawrence Rd	6	6	42,197	44,143	42,577	43,468	43,100
4621	937279	HYPOLUXO RD	Lawrence Rd	Congress Ave	6	6	41,057	40,601	33,344	40,255	49,600
4211	930068	HYPOLUXO RD	Congress Ave	I-95	6	6	44,434	44,000	39,362	42,915	48,400
4313	930069	HYPOLUXO RD	I-95	Seacrest Blvd	5	5	34,579	41,000	28,126	33,185	40,800
4809	937280	HYPOLUXO RD	Seacrest Blvd	Dixie Hwy	5	5	17,130	16,902	10,126	12,520	19,500
1605	937394	INDIAN CREEK BLVD	Central Blvd	Military Tr	4	4	12,329	13,933	7,536	10,528	15,300
1615	937396	INDIAN CREEK BLVD	Toney Penna Dr	Maplewood Dr	4	4	17,785	17,754	20,814	24,523	21,000
1613	937395	INDIAN CREEK PKWY	Central Blvd	Maplewood Dr	4	4	17,955	18,572	15,358	19,587	22,900
1405	938538	INDIANTOWN RD	Bee Line Hwy	Pratt-Whitney Rd	2	2	1,763	2,126	1,764	5,085	5,100
1403	938539	INDIANTOWN RD	Pratt-Whitney Rd	130th Ave N	2	2	4,985	6,400	5,930	14,776	12,400
1409	938539	INDIANTOWN RD	130th Ave N	Alexander Run	4	4	14,485	15,124	5,930	14,776	23,300
1407	937236	INDIANTOWN RD	Alexander Run	Jupiter Farms Rd	4	4	22,332	24,082	17,355	27,581	32,600
1103	930145	INDIANTOWN RD	Jupiter Farms Rd	Florida Turnpike	4	4	28,879	30,568	30,388	43,305	41,200
1201	930008	INDIANTOWN RD	Florida Turnpike	I-95 Interchange	6	6	48,380	59,724	44,192	69,912	76,500
1213	937235	INDIANTOWN RD	I-95 Interchange	Island Way	6	6	61,281	70,539	66,153	85,525	79,200
1617	937235	INDIANTOWN RD	Island Way	Central Blvd	6	6	60,253	70,000	66,153	85,525	77,900
1203	930748	INDIANTOWN RD	Central Blvd	Center St	6	6	53,551	52,000	45,111	55,852	66,300

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	2015 Count	2018 Count	2015 Model	2045 Model	2045 Adjusted
5607	937187	LINTON BLVD	Military Tr	Homewood Blvd	6	6	39,497	42,810	31,412	38,726	46,800
5661	938531	LINTON BLVD	Homewood Blvd	Congress Ave	6	6	39,159	39,082	22,779	27,715	44,100
5213	930049	LINTON BLVD	Congress Ave	I-95	6	6l	42,863	42,000	41,256	49,741	51,700
5313	930050	LINTON BLVD	I-95	10th Ave SW	6	6l	48,617	44,000	56,937	64,194	54,800
5819	937188	LINTON BLVD	10th Ave SW	Old Dixie Hwy	6	6l	40,279	41,916	40,466	45,434	45,200
5821	937188	LINTON BLVD	Old Dixie Hwy	US 1	6	6	32,088	32,617	40,466	45,434	37,100
5813	930742	LINTON BLVD	US 1	Ocean Blvd	4	4	17,857	17,600	11,133	12,369	19,100
	937687	LION COUNTRY SAFARI RD	SR-80	Deer Run Blvd	2	2	-	-	1,821	2,469	2,500
	938501	LOWSON BLVD	Military Tr	Congress Ave	4	4	-	-	799	1,036	1,000
5311	937060	LOWSON BLVD	Congress Ave	SW 10TH Ave	4	4	16,363	17,600	4,877	9,167	20,700
1610	937368	LOXAHATCHEE RIVER RD	Indiantown Rd	Roebuck Rd	2	2	9,010	8,800	5,845	4,413	7,600
1202	937367	LOXAHATCHEE RIVER RD	Roebuck Rd	PBC Boundary	2	2	2,865	3,196	2,069	977	1,800
6112	937374	LYONS RD	Broward County Line	SW 18th St	6	6	30,462	33,000	45,997	58,976	43,400
6410	937372	LYONS RD	SW 18th St	Palmetto Park Rd	4	6	28,707	30,500	34,516	48,667	42,900
6406	937371	LYONS RD	Palmetto Park Rd	Glades Rd	4	4	28,072	28,500	27,105	37,583	38,900
6404	937370	LYONS RD	Glades Rd	Kimberly Rd	6	6	33,892	35,118	34,968	50,923	49,400
6424	937373	LYONS RD	Kimberly Rd	Yamato Rd	6	6	28,538	29,113	26,730	39,425	42,100
6416	938553	LYONS RD	Yamato Rd	Clint Moore Rd	4	4	19,936	20,806	20,521	33,122	32,200
6114	937375	LYONS RD	Clint Moore Rd	158 Rd S	4	4	14,399	16,479	9,418	19,573	24,600
5406	937375	LYONS RD	158 Rd S	Atlantic Ave	4	4	15,262	16,154	9,418	19,573	25,400
5112	937375	LYONS RD	Atlantic Ave	Flavor Pict Rd	2	4	11,585	14,473	9,418	19,573	24,100
5110	937311	LYONS RD	Flavor Pict Rd	Boynton Beach Blvd	2	4	12,523	15,434	11,112	35,475	40,000
5108	937311	LYONS RD	Boynton Beach Blvd	Hypoluxo Rd	4	4	18,210	20,937	11,112	35,475	42,600
4404	937311	LYONS RD	Hypoluxo Rd	Lantana Rd	4	4	11,376	13,909	11,112	35,475	36,300
4405	937311	LYONS RD	Lantana Rd	Lake Worth Rd	4	4	11,242	14,334	11,112	35,475	35,900
NEW	PBC063	LYONS RD	Lake Worth Rd	Stribling Way	0	2	-	-	-	20,791	20,800
3462	937480	LYONS RD	Stribling Way	Forest Hill Blvd	2	2	8,711	9,792	5,589	11,284	14,400
3460	937134	LYONS RD	Forest Hill Blvd	Dillman Rd	2	2	11,968	13,819	12,919	16,707	15,500
3466	937135	LYONS RD	Dillman Rd	Southern Blvd	2	2	13,283	14,619	12,840	14,777	15,300
2616	937129	MAC ARTHUR BLVD	Northlake Blvd	Holly Dr	2	2	8,092	7,900	7,662	7,893	8,300
1616	937117	MAPLEWOOD DR	Indian Creek Blvd	Toney Penna Dr	2	2	9,526	14,800	6,551	8,835	11,800
1618	937117	MAPLEWOOD DR	Toney Penna Dr	Indiantown Rd	4	4	13,254	14,800	6,551	8,835	15,500
4615	937106	MELALEUCA LA	Jog Rd	Haverhill Rd	5	5	15,332	16,846	33,505	38,263	20,100