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Certificate of Authorization Number 3452



LAND USE PLAN AMENDMENT TRAFFIC STATEMENT

**WEST HYDER OVERLAY
581.923 ACRES
PALM BEACH COUNTY, FLORIDA**

Prepared for:

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1600 Sawgrass Corporate Parkway
Suite 230
Sunrise, Florida 33323

Job No. 21-181

Date: December 29, 2021
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TABLE OF CONTENTS

1.0 SITE DATA	3
2.0 TRAFFIC GENERATION	4
3.0 RADIUS OF DEVELOPMENT INFLUENCE	6
4.0 TRAFFIC ASSIGNMENT/DISTRIBUTION	6
5.0 TEST 2 – FIVE YEAR ANALYSIS.....	6
6.0 PEAK HOUR TURNING MOVEMENTS.....	7
7.0 CONCLUSION	7

1.0 SITE DATA

The subject parcel is generally located on the west side of State Road 7 approximately ½ mile north of Clint Moore Road in Palm Beach County and contains approximately 581.923 acres. The Property Control Numbers (PCN) for the subject parcel are as follows:

00-41-46-25-00-000-1050	00-42-43-27-05-069-0011
00-41-46-25-00-000-1040	00-42-43-27-05-069-0012
00-41-46-25-00-000-5020	00-42-43-27-05-069-0092
00-41-46-25-00-000-5030	00-42-43-27-05-069-0132
00-41-46-25-00-000-5040	00-41-46-35-00-000-1010

The property is currently designated as Agricultural Reserve (AGR) on the Palm Beach County Comprehensive Plan. The property owner is requesting a change in the 581.923 acre parcel's designation to Low Residential, 3 units per acre (LR-3) on the Palm Beach County Comprehensive Plan. The purpose of this statement is to determine the total traffic volume which will be on each roadway link within the site radius of development influence for the Interim Transportation Plan. This statement will also identify which roadway links (if any) will exceed the adopted Level of Service volume for the subject links addressed within the project's radius of development influence.

The traffic study is based on the assumption that a land use plan amendment application requesting a future land use plan amendment to the LR-3 category was to be filed on the Hyder West property. However, the proposed text amendment application submitted to the Planning Division is based on no land use plan change being requested or required. Rather, if ultimately approved by the BCC, a series of two overlays would be added to the text of the Comprehensive Plan that would authorize the proposed development plan on the Hyder West property. Table 3 attached to this traffic report calculates the traffic generation for the actual proposed development plan. The proposed development plan is to consist of 1,000 single family age restricted dwelling units and private civic sites consisting of 277 multifamily dwelling units, 50,000 S.F. religious institute, and 25,000 S.F. of office. Additionally, 30 acres for a public civic site dedication will be included as part of the rezoning application and at that time concurrency approval for a 200,000 S.F. of office will be requested. To be conservative, the public civic site traffic has been included in this traffic analysis.

2.0 TRAFFIC GENERATION

The change in traffic generation due to the requested change in the 581.923 acre parcel's land use designation may be determined by taking the difference between the total traffic generated for the most intensive land use under the existing AGR future land use designation and the proposed LR-3 future land use designation:

AGR

The most intensive land use for the existing Agricultural Reserve land use designation is "Retail Nursery" and "Wholesale Nursery"

5 Acres Retail Nursery and 576.923 Acres Wholesale Nursery

Table 1 calculates the daily traffic generation, AM peak hour traffic generation, and PM peak hour traffic generation for the property under the existing AGR land use designation. The traffic generation has been calculated in accordance with the traffic generation rates listed in the ITE Trip Generation Manual, 10th Edition. Based on the 581.923-acre site and the accepted traffic generation rates for Retail Nursery and Wholesale Nursery, the maximum traffic generation for the property under the existing AGR land use designation may be summarized as follows:

Existing Future Land Use – Maximum Potential

Daily Traffic Generation	= 11,791 tpd
AM Peak Hour Traffic Generation (In/Out)	= 164 pht (82 In/82 Out)
PM Peak Hour Traffic Generation (In/Out)	= 300 pht (150 In/150 Out)

LR-3

The most intensive land use under the proposed LR-3 land use designation is "Single Family Residential". Based on the maximum 3 dwelling units per acre and the site area consisting of 581.923 acres, the maximum allowable dwelling units for the designated acreage under the proposed LR-3 land use designation is 1745 single family dwelling units.

Single Family Residential (1745 DU)

Table 2 calculates the daily traffic generation, AM peak hour traffic generation, and PM peak hour traffic generation for the property under the proposed LR-3 land use designation. Based on the maximum allowable dwelling units and the accepted traffic generation rates for single family residential, the maximum traffic generation for the property under the proposed LR-3 land use designation may be summarized as follows:

Proposed Future Land Use – Maximum Potential

Daily Traffic Generation = 17,450 tpd
AM Peak Hour Traffic Generation (In/Out)= 1,291 pht (323 In/968 Out)
PM Peak Hour Traffic Generation (In/Out)= 1,581 pht (996 In/585 Out)

The change in daily traffic generation due to the requested change in the parcels' land use designations may be calculated as follows:

Net Trips: Maximum Potential – Existing Potential

Daily Traffic Generation = 5,659 tpd INCREASE
AM Peak Hour Traffic Generation = 1,127 pht INCREASE
PM Peak Hour Traffic Generation = 1,281 pht INCREASE

The above calculations are shown for informational purpose only. Table 3 attached to this report calculates the traffic generation for the actual proposed development site. The proposed development plan is to consist of 1,000 single family age restricted dwelling units and private civic sites consisting of 277 multifamily dwelling units, 50,000 S.F. religious institute, and 25,000 S.F. of office. Additionally, public civic site dedications including 200,000 S.F. office are also included in traffic analysis to be conservative. Note the public civic sites are only proposed to be dedicated to Palm Beach County as part of this application. Ultimately, the County will determine if and what gets built at the civic pods. The traffic generation by the proposed development may be summarized as follows:

Proposed Future Land Use – Proposed Actual Development

Daily Traffic Generation = 8,726 tpd
AM Peak Hour Traffic Generation (In/Out)= 597 pht (303 In/294 Out)
PM Peak Hour Traffic Generation (In/Out)= 712 pht (328 In/384 Out)

Note the majority of A.M. peak hour trips shown above and in Table 2 are due to the public civic dedication. The change in daily traffic generation due to the requested change in the parcels' land use designations based on the actual proposed plan of development may be calculated as follows:

Net Trips: Proposed Development – Existing Potential

Daily Traffic Generation = 3,065 tpd DECREASE
AM Peak Hour Traffic Generation = 433 pht INCREASE
PM Peak Hour Traffic Generation = 412 pht INCREASE

3.0 RADIUS OF DEVELOPMENT INFLUENCE

Based on Table 3.5-1 of the Palm Beach County Comprehensive Plan for a trip generation decrease of 3,065 trips per day, no analysis is required for Year 2045 long range analysis. Based on Table 12.B.2.D-7 3A of Article 12 of the Palm Beach County Unified Land Development Code, for a peak hour trip generation of 433 peak hour trips, the radius of development influence for purposes of Test 2 shall be 2 miles.

4.0 TRAFFIC ASSIGNMENT/DISTRIBUTION

Figure 1 shows the trip distribution, which is based on the current and projected roadway geometry, a review of historical travel patterns for the area, and anticipated travel patterns associated with probable land uses under the proposed LR-3 land use designation.

5.0 TEST 2 – FIVE YEAR ANALYSIS

Link Analysis

Tables 5 and 6 represent the required Test 2 Five Year Analysis. All roadway links that are significantly impacted by the proposed development (greater than 3%) are further analyzed in Tables 7 and 8. As shown in Tables 7 and 8, all roadway links with a significant impact are anticipated to meet Level of Service E requirements at the five year buildout period with the exception of the following roadway segment:

1. State Road 7 from Atlantic Avenue to Winner's Circle as a 4-lane roadway.

The existing failure on the above roadway segment is a result of background traffic and not due to the proposed plan of development. Per Florida Statutes Chapter 163, Section 3180, improvements needed to address existing failures are not the developer's responsibility. The Zoning application will run concurrently with the Land Use Plan application and therefore, the proportionate share and Chapter 163, Section 3180 provisions are applicable. Therefore, the proposed land use change meets the requirements of Test 2 of the Palm Beach County Traffic Performance Standards.

6.0 PEAK HOUR TURNING MOVEMENTS

The total AM and PM peak hour turning movements for the project under the proposed LR-3 land use designation have been calculated in Table 3 in order to assess the improvements necessary to accommodate such traffic movements. The AM and PM peak hour turning movement volumes and directional distributions for the proposed LR-3 land use designation may be summarized as follows:

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

AM Peak Hour = 323 / 299

PM Peak Hour = 333 / 406

Based on the peak hour volumes shown above and the Palm Beach County Engineering Guideline used in determining the need for turn lanes of 75 right turns or 30 left turns in the peak hour, additional turn lanes will likely be warranted. The need for turn lanes or access modifications will be reevaluated following the submittal of a site specific development order and site plan.

7.0 CONCLUSION

As previously mentioned, this proposed future land use plan designation modification meets the requirements of the 2045 Long Range Transportation Analysis and meets the requirements of the Test 2 analysis. Therefore, this land use plan amendment is in accordance with the goals and objectives of the Palm Beach County Comprehensive Plan, Transportation Element.

WEST HYDER OVERLAY

12/28/2021
Revised: 04/12/2022
Revised: 06/17/2022

TABLE 1
EXISTING AGR FUTURE LAND USE DESIGNATION

Daily Traffic Generation

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split In Out	Gross Trips			Internalization		External Trips			Pass-by %		Net Trips	
Nursery (Garden Center)	817	5.00	Acre	108.10		541			0		541			0%	0	541	
Nursery (Wholesale)	818	576.923	Acre	19.5°		11,250			0		11,250			0%	0	11,250	
		Grand Totals:				11,791		0.0%	0		11,791			0%	0	11,791	

AM Peak Hour Traffic Generation

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split In Out	Gross Trips			Internalization		External Trips			Pass-by %		Net Trips		
		In				In	Out	Total	%	In	Out	Total	In	Out	Total	In	Out	
Nursery (Garden Center) ^l	817	5.00	Acre	2.82	0.50 0.50	7	7	14	0.0%	0	0	0	7	7	14	0%	0	7 7 14
Nursery (Wholesale) ^l	818	576.923	Acre	0.26	0.50 0.50	75	75	150	0.0%	0	0	0	75	75	150	0%	0	75 75 150
		Grand Totals:				82	82	164	0.0%	0	0	0	82	82	164	0%	0	82 82 164

PM Peak Hour Traffic Generation

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split In Out	Gross Trips			Internalization		External Trips			Pass-by %		Net Trips		
		In				In	Out	Total	%	In	Out	Total	In	Out	Total	In	Out	
Nursery (Garden Center) ^l	817	5.00	Acre	8.06	0.50 0.50	20	20	40	0.0%	0	0	0	20	20	40	0%	0	20 20 40
Nursery (Wholesale) ^l	818	576.923	Acre	0.45	0.50 0.50	130	130	260	0.0%	0	0	0	130	130	260	0%	0	130 130 260
		Grand Totals:				150	150	300	0.0%	0	0	0	150	150	300	0%	0	150 150 300

WEST HYDER OVERLAY

12/28/2021
Revised: 04/12/2022
Revised: 06/17/2022

TABLE 2
PROPOSED LR-3 LAND USE DESIGNATION - 1745 SINGLE FAMILY DU

Daily Traffic Generation

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split In Out	Gross Trips			Internalization			External Trips	Pass-by %		Net Trips
Single Family Detached	210	1,745	Dwelling Units	10		17,450			0			17,450	0%	0	17,450
		Grand Totals:				17,450			0.0%	0		17,450	0%	0	17,450

AM Peak Hour Traffic Generation

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split In Out	Gross Trips			Internalization			External Trips	Pass-by %		Net Trips
		In	Out			In	Out	Total	%	In	Out	Total	In	Out	Total
Single Family Detached	210	1,745	Dwelling Units	0.74	0.25 0.75	323	968	1,291	0.0%	0	0	0	323	968	1,291
		Grand Totals:				323	968	1,291	0.0%	0	0	0	323	968	1,291

PM Peak Hour Traffic Generation

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split In Out	Gross Trips			Internalization			External Trips	Pass-by %		Net Trips
		In	Out			In	Out	Total	%	In	Out	Total	In	Out	Total
Single Family Detached	210	1,745	Dwelling Units	$\ln(T) = 0.96 \ln(X) + 0.20$	0.63 0.37	996	585	1,581	0.0%	0	0	0	996	585	1,581
		Grand Totals:				996	585	1,581	0.0%	0	0	0	996	585	1,581

WEST HYDER OVERLAY

12/28/2021
Revised: 04/12/2022
Revised: 06/17/2022

TABLE 3
PROPOSED LR-3 LAND USE DESIGNATION - ACTUAL PLAN OF DEVELOPMENT

Daily Traffic Generation

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split In	Out	Gross Trips			%	Internalization Total			External Trips			Pass-by %	Trips	Net Trips		
Multifamily Low-Rise Housing up to 2 story (Apartment/Condo/TH)	220	277		Dwelling Units	7.32		2,028			0	0			2,028			0%	0	2,028		
55+ SF Detached	251	1,000		Dwelling Units	4.27		4,270			0	0			4,270			0%	0	4,270		
Church/Synagogue ^a	560	50,000		S.F.	6.95		348			0	0			348			5%	17	331		
General Office (>5,000 SF GFA)	710	225,000		S.F.	$\ln(T) = 0.97 \ln(X) + 2.50$		2,330			0	0			2,330			10%	233	2,097		
Grand Totals:								8,976			0.0%	0			8,976			3%	250	8,726	

AM Peak Hour Traffic Generation

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split In	Out	Gross Trips			%	Internalization Total			External Trips			Pass-by %	Trips	Net Trips		
		In	Out				In	Out	Total		In	Out	Total	In	Out	Total	In	Out	In	Out	Total
Multifamily Low-Rise Housing up to 2 story (Apartment/Condo/TH)	220	277	Dwelling Units	0.46	0.23	0.77	29	98	127	0.0%	0	0	0	29	98	127	0%	0	29	98	127
55+ SF Detached	251	1,000	Dwelling Units	0.24	0.33	0.67	79	161	240	0.0%	0	0	0	79	161	240	0%	0	79	161	240
Church/Synagogue ^a	560	50,000	S.F.	0.33	0.60	0.40	10	7	17	0.0%	0	0	0	10	7	17	5%	1	10	6	16
General Office (>5,000 SF GFA)	710	225,000	S.F.	$T = 0.94(X) + 26.49$	0.86	0.14	205	33	238	0.0%	0	0	0	205	33	238	10%	24	185	29	214
Grand Totals:								323			0.0%	0			323			4%	25	303	
Grand Totals:								622			0.0%	0			622			4%	25	303	

PM Peak Hour Traffic Generation

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split In	Out	Gross Trips			%	Internalization Total			External Trips			Pass-by %	Trips	Net Trips		
		In	Out				In	Out	Total		In	Out	Total	In	Out	Total	In	Out	In	Out	Total
Multifamily Low-Rise Housing up to 2 story (Apartment/Condo/TH)	220	277	Dwelling Units	0.56	0.63	0.37	98	57	155	0.0%	0	0	0	98	57	155	0%	0	98	57	155
55+ SF Detached	251	1,000	Dwelling Units	0.3	0.61	0.39	183	117	300	0.0%	0	0	0	183	117	300	0%	0	183	117	300
Church/Synagogue ^a	560	50,000	S.F.	0.49	0.45	0.55	11	14	25	0.0%	0	0	0	11	14	25	5%	1	10	14	24
General Office (>5,000 SF GFA)	710	225,000	S.F.	1.15	0.16	0.84	41	218	259	0.0%	0	0	0	41	218	259	10%	26	37	196	233
Grand Totals:								333			0.0%	0			333			4%	27	328	
Grand Totals:								739			0.0%	0			739			4%	27	328	



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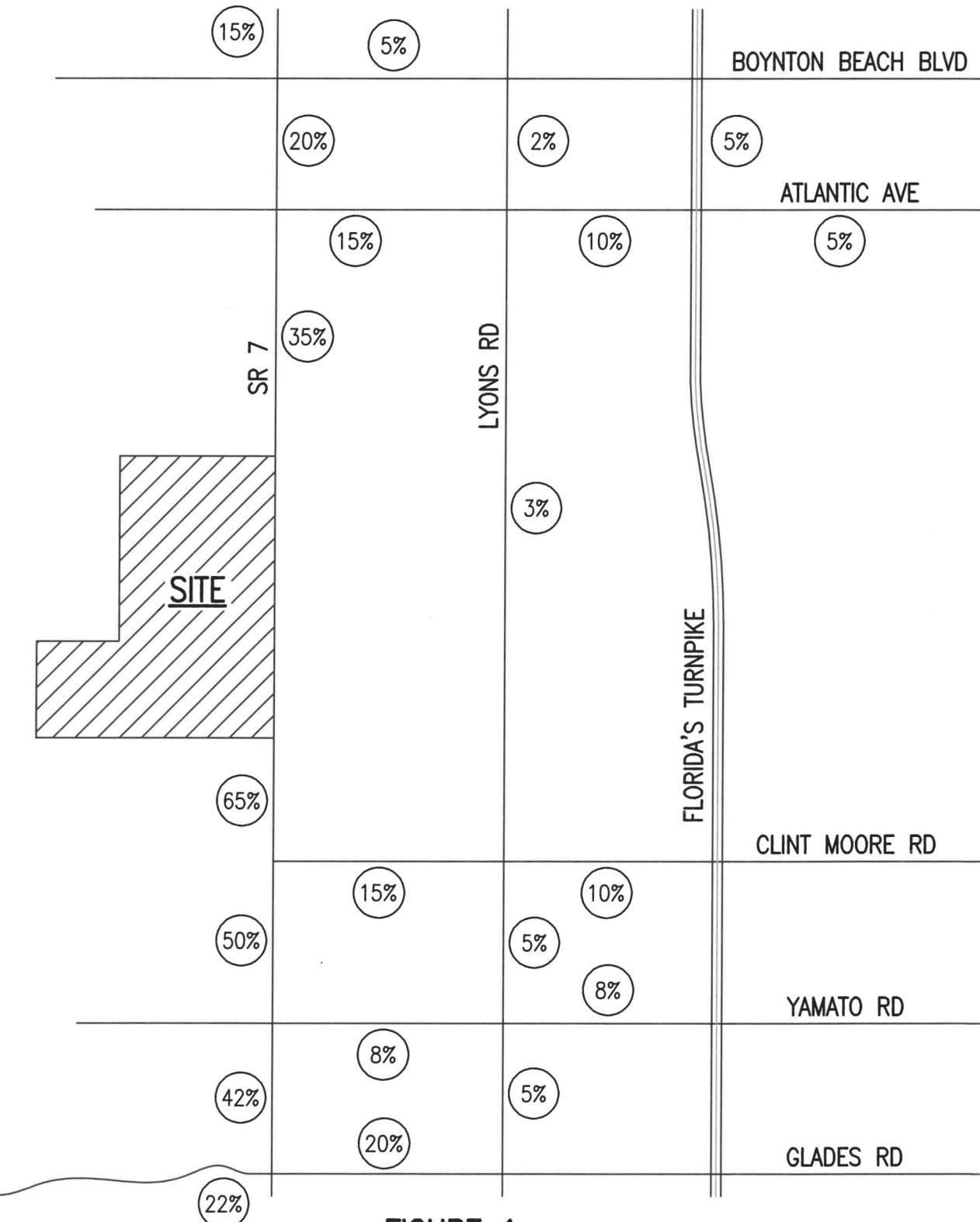


FIGURE 1
PROJECT DISTRIBUTION

LEGEND



PROJECT DISTRIBUTION

HYDER WEST AGR PUD

21-181 BK 12-02-21
REVISED 04-12-22

WEST HYDER OVERLAY

12/28/2021
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TABLE 4
AREA WIDE GROWTH RATE CALCULATION

STATION	ROADWAY	FROM	TO	2017 PEAK SEASON DAILY TRAFFIC	2020 PEAK SEASON DAILY TRAFFIC	IND. (%)
5403***	ATLANTIC AVENUE	SR-7	LYONS ROAD	17,586	19,451	3.42%
5101***	ATLANTIC AVENUE	LYONS ROAD	FLORIDA TURNPIKE	32,041	35,099	3.09%
5209***	ATLANTIC AVENUE	FLORIDA TURNPIKE	HAGEN RANCH ROAD	42,612	44,944	1.79%
5112*	LYONS ROAD	FLAVOR PICT ROAD	ATLANTIC AVENUE	12,521	14,981	6.16%
5406	LYONS ROAD	ATLANTIC AVENUE	158TH ROAD SOUTH	15,222	17,734	5.22%
6114*	LYONS ROAD	158TH ROAD SOUTH	CLINT MOORE ROAD	15,769	17,482	3.50%
6416	LYONS ROAD	CLINT MOORE ROAD	YAMATO ROAD	21,017	22,979	3.02%
6424*	LYONS ROAD	YAMATO ROAD	KIMBERLY ROAD	30,165	30,466	0.33%
5402	STATE ROAD 7	BOYNTON BEACH BOULEVARD	LEE ROAD	27,018	27,409	0.48%
5400*	STATE ROAD 7	LEE ROAD	ATLANTIC AVENUE	23,650	26,730	4.17%
5404*	STATE ROAD 7	ATLANTIC AVENUE	WINNER'S CIRCLE	27,253	32,143	5.66%
6102*	STATE ROAD 7	WINNER'S CIRCLE	CLINT MOORE ROAD	31,718	30,850	-0.92%
6412*	STATE ROAD 7	CLINT MOORE ROAD	YAMATO ROAD	37,051	42,104	4.35%
6402*	STATE ROAD 7	YAMATO ROAD	GLADES ROAD	48,364	47,209	-0.80%
6403*	CLINT MOORE ROAD	STATE ROAD 7	LYONS ROAD	19,088	19,041	-0.08%
6201**	CLINT MOORE ROAD	LYONS ROAD	JOG ROAD	25,600	25,060	-0.71%
6421*	YAMATO ROAD	STATE ROAD 7	LYONS ROAD	22,352	21,450	-1.36%
6103*	YAMATO ROAD	LYONS ROAD	BOCA WEST DRIVE	31,970	30,940	-1.09%
				$\Sigma =$	480,997	506,072
					1.71%	1.7%

* 2016 and 2019 peak season daily traffic volumes were used for links where 2020 volumes were unavailable.

** 2020 peak season daily traffic volumes derived by averaging 2019 and 2021 volumes since 2020 volumes were unavailable and 2016 volumes were unavailable to calculate 2016 to 2019 growth.

*** 2017 peak season daily traffic volumes derived by averaging 2016 and 2018 volumes since 2017 volumes were unavailable.

WEST HYDER OVERLAY

12/28/2021
Revised: 04/12/2022
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TABLE 5
TEST 2 - PROJECT SIGNIFICANCE CALCULATION
AM PEAK HOUR

TEST 2 - FIVE YEAR ANALYSIS

3 MILE RADIUS

TOTAL AM PEAK HOUR PROJECT TRIPS (ENTERING) = 303

TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 294

STATION	ROADWAY	FROM	TO	DIR.	AM PEAK HOUR DIRECTIONAL						LOS E STANDARD	TOTAL PROJECT IMPACT	PROJECT SIGNIFICANT
					PROJECT DISTRIBUTION	PROJECT TRIPS	COMMITTED LANES	CLASS					
5403	ATLANTIC AVENUE	SR-7	LYONS ROAD	EB	15%	44	4D	I	1960	2.25%	NO		
				WB	15%	45	4D	I	1960	2.32%	NO		
5101	ATLANTIC AVENUE	LYONS ROAD	FLORIDA TURNPIKE	EB	10%	29	4D	II	1870	1.57%	NO		
				WB	10%	30	4D	II	1870	1.62%	NO		
5209	ATLANTIC AVENUE	FLORIDA TURNPIKE	HAGEN RANCH ROAD	EB	5%	15	4D	II	1870	0.79%	NO		
				WB	5%	15	4D	II	1870	0.81%	NO		
5112	LYONS ROAD	FLAVOR PICT ROAD	ATLANTIC AVENUE	NB	2%	6	4D	I	1960	0.30%	NO		
				SB	2%	6	4D	I	1960	0.31%	NO		
5406	LYONS ROAD	ATLANTIC AVENUE	158TH ROAD SOUTH	NB	3%	9	4D	I	1960	0.46%	NO		
				SB	3%	9	4D	I	1960	0.45%	NO		
6114	LYONS ROAD	158TH ROAD SOUTH	CLINT MOORE ROAD	NB	3%	9	4D	I	1960	0.46%	NO		
				SB	3%	9	4D	I	1960	0.45%	NO		
6416	LYONS ROAD	CLINT MOORE ROAD	YAMATO ROAD	NB	5%	15	4D	I	1960	0.77%	NO		
				SB	5%	15	4D	I	1960	0.75%	NO		
6424	LYONS ROAD	YAMATO ROAD	KIMBERLY ROAD	NB	5%	15	6D	II	2830	0.54%	NO		
				SB	5%	15	6D	II	2830	0.52%	NO		
5402	STATE ROAD 7	BOYNTON BEACH BOULEVARD	LEE ROAD	NB	20%	59	6D	UNI	5650	1.04%	NO		
				SB	20%	61	6D	UNI	5650	1.07%	NO		
5400	STATE ROAD 7	LEE ROAD	ATLANTIC AVENUE	NB	20%	59	4D	UNI	3760	1.56%	NO		
				SB	20%	61	4D	UNI	3760	1.61%	NO		
5404	STATE ROAD 7	ATLANTIC AVENUE	WINNER'S CIRCLE	NB	35%	103	4D	I	1960	5.25%	YES		
				SB	35%	106	4D	I	1960	5.41%	YES		
6102	STATE ROAD 7	WINNER'S CIRCLE	CLINT MOORE ROAD	NB	65%	197	6D	I	2940	6.70%	YES		
				SB	65%	191	6D	I	2940	6.50%	YES		
6412	STATE ROAD 7	CLINT MOORE ROAD	YAMATO ROAD	NB	50%	152	6D	II	2830	5.35%	YES		
				SB	50%	147	6D	II	2830	5.19%	YES		
6402	STATE ROAD 7	YAMATO ROAD	GLADES ROAD	NB	42%	127	6D	I	2940	4.33%	YES		
				SB	42%	123	6D	I	2940	4.20%	YES		
6400	STATE ROAD 7	GLADES ROAD	PALMETTO PARK ROAD*	NB	22%	67	6D	II	2830	2.36%	NO		
				SB	22%	65	6D	II	2830	2.29%	NO		
6403	CLINT MOORE ROAD	STATE ROAD 7	LYONS ROAD	EB	15%	44	4D	I	1960	2.25%	NO		
				WB	15%	45	4D	I	1960	2.32%	NO		
6201	CLINT MOORE ROAD	LYONS ROAD	JOG ROAD	EB	10%	29	4D	I	1960	1.50%	NO		
				WB	10%	30	4D	I	1960	1.55%	NO		
6421	YAMATO ROAD	STATE ROAD 7	LYONS ROAD	EB	8%	24	4D	I	1960	1.20%	NO		
				WB	8%	24	4D	I	1960	1.24%	NO		
6103	YAMATO ROAD	LYONS ROAD	BOCA WEST DRIVE	EB	8%	24	4D	I	1960	1.20%	NO		
				WB	8%	24	4D	I	1960	1.24%	NO		
6415	GLADES ROAD	STATE ROAD 7	LYONS ROAD*	EB	20%	59	6D	II	2830	2.08%	NO		
				WB	20%	61	6D	II	2830	2.14%	NO		

*INDICATES OUTSIDE RADIUS OF INFLUENCE AND SIGNIFICANCE = 5%

WEST HYDER OVERLAY

12/28/2021
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TABLE 6
TEST 2 - PROJECT SIGNIFICANCE CALCULATION
PM PEAK HOUR

TEST 2 - FIVE YEAR ANALYSIS

3 MILE RADIUS

TOTAL PM PEAK HOUR PROJECT TRIPS (ENTERING) = 328

TOTAL PM PEAK HOUR PROJECT TRIPS (EXITING) = 384

STATION	ROADWAY	FROM	TO	DIR.	AM PEAK HOUR DIRECTIONAL						LOS E STANDARD	TOTAL PROJECT IMPACT	PROJECT SIGNIFICANT
					PROJECT DISTRIBUTION	PROJECT TRIPS	COMMITTED LANES	CLASS					
5403	ATLANTIC AVENUE	SR-7	LYONS ROAD	EB	15%	58	4D	I	1960	2.94%	NO		
				WB	15%	49	4D	I	1960	2.51%	NO		
5101	ATLANTIC AVENUE	LYONS ROAD	FLORIDA TURNPIKE	EB	10%	38	4D	II	1870	2.05%	NO		
				WB	10%	33	4D	II	1870	1.75%	NO		
5209	ATLANTIC AVENUE	FLORIDA TURNPIKE	HAGEN RANCH ROAD	EB	5%	19	4D	II	1870	1.03%	NO		
				WB	5%	16	4D	II	1870	0.88%	NO		
5112	LYONS ROAD	FLAVOR PICT ROAD	ATLANTIC AVENUE	NB	2%	8	4D	I	1960	0.39%	NO		
				SB	2%	7	4D	I	1960	0.33%	NO		
5406	LYONS ROAD	ATLANTIC AVENUE	158TH ROAD SOUTH	NB	3%	10	4D	I	1960	0.50%	NO		
				SB	3%	12	4D	I	1960	0.59%	NO		
6114	LYONS ROAD	158TH ROAD SOUTH	CLINT MOORE ROAD	NB	3%	10	4D	I	1960	0.50%	NO		
				SB	3%	12	4D	I	1960	0.59%	NO		
6416	LYONS ROAD	CLINT MOORE ROAD	YAMATO ROAD	NB	5%	16	4D	I	1960	0.84%	NO		
				SB	5%	19	4D	I	1960	0.98%	NO		
6424	LYONS ROAD	YAMATO ROAD	KIMBERLY ROAD	NB	5%	16	6D	II	2830	0.58%	NO		
				SB	5%	19	6D	II	2830	0.68%	NO		
5402	STATE ROAD 7	BOYNTON BEACH BOULEVARD	LEE ROAD	NB	20%	77	6D	UNI	5650	1.36%	NO		
				SB	20%	66	6D	UNI	5650	1.16%	NO		
5400	STATE ROAD 7	LEE ROAD	ATLANTIC AVENUE	NB	20%	77	4D	UNI	3760	2.04%	NO		
				SB	20%	66	4D	UNI	3760	1.74%	NO		
5404	STATE ROAD 7	ATLANTIC AVENUE	WINNER'S CIRCLE	NB	35%	134	4D	I	1960	6.86%	YES		
				SB	35%	115	4D	I	1960	5.86%	YES		
6102	STATE ROAD 7	WINNER'S CIRCLE	CLINT MOORE ROAD	NB	65%	213	6D	I	2940	7.25%	YES		
				SB	65%	250	6D	I	2940	8.49%	YES		
6412	STATE ROAD 7	CLINT MOORE ROAD	YAMATO ROAD	NB	50%	164	6D	II	2830	5.80%	YES		
				SB	50%	192	6D	II	2830	6.78%	YES		
6402	STATE ROAD 7	YAMATO ROAD	GLADES ROAD	NB	42%	138	6D	I	2940	4.69%	YES		
				SB	42%	161	6D	I	2940	5.49%	YES		
6400	STATE ROAD 7	GLADES ROAD	PALMETTO PARK ROAD*	NB	22%	72	6D	II	2830	2.55%	NO		
				SB	22%	84	6D	II	2830	2.99%	NO		
6403	CLINT MOORE ROAD	STATE ROAD 7	LYONS ROAD	EB	15%	58	4D	I	1960	2.94%	NO		
				WB	15%	49	4D	I	1960	2.51%	NO		
6201	CLINT MOORE ROAD	LYONS ROAD	JOG ROAD	EB	10%	38	4D	I	1960	1.96%	NO		
				WB	10%	33	4D	I	1960	1.67%	NO		
6421	YAMATO ROAD	STATE ROAD 7	LYONS ROAD	EB	8%	31	4D	I	1960	1.57%	NO		
				WB	8%	26	4D	I	1960	1.34%	NO		
6103	YAMATO ROAD	LYONS ROAD	BOCA WEST DRIVE	EB	8%	31	4D	I	1960	1.57%	NO		
				WB	8%	26	4D	I	1960	1.34%	NO		
6415	GLADES ROAD	STATE ROAD 7	LYONS ROAD*	EB	20%	77	6D	II	2830	2.71%	NO		
				WB	20%	66	6D	II	2830	2.32%	NO		

*INDICATES OUTSIDE RADIUS OF INFLUENCE AND SIGNIFICANCE = 5%

WEST HYDER OVERLAY

12/28/2021
 Revised: 04/12/2022
 Revised: 06/17/2022

TABLE 7
AM PEAK HOUR - TEST 2

5-YEAR ANALYSIS

3 MILE RADIUS OF DEVELOPMENT INFLUENCE

AREA WIDE GROWTH RATE = 1.71%
 TOTAL AM PEAK HOUR PROJECT TRIPS (ENTERING) = 303
 TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 294

ROADWAY	FROM	TO	DIRECTION	AM PEAK HOUR						TOTAL BACKGROUND TRAFFIC USED	2026 WITHOUT PROJECT			2026 WITH PROPOSED PROJECT			
				TRAFFIC COUNT	AM PEAK HOUR TRAFFIC	PROJECT DISTRIBUTION	PROJECT TRIPS	LINK GROWTH	MAJOR PROJECT		2026 TOTAL TRAFFIC	2026 ASSURED LANES	CLASS	LOS E	MEETS LOS STD.	PROPOSED LANES	PROPOSED LOS D
STATE ROAD 7	ATLANTIC AVENUE	WINNERS CIRCLE	NB	2019	1123	35%	103	141	130	81	211	1334	4D	I	1960	YES	YES
			SB	2019	2012	35%	106	253	138	145	283	2295	4D	I	1960	NO	NO
STATE ROAD 7	WINNERS CIRCLE	CLINT MOORE ROAD	NB	2019	1042	65%	197	131	100	75	175	1217	6D	I	2940	YES	YES
			SB	2019	2063	65%	191	260	146	149	295	2358	6D	I	2940	YES	YES
STATE ROAD 7	CLINT MOORE ROAD	YAMATO ROAD	NB	2020	1686	50%	152	180	208	104	312	1998	6D	II	2830	YES	YES
			SB	2020	1983	50%	147	212	199	122	321	2304	6D	II	2830	YES	YES
STATE ROAD 7	YAMATO ROAD	GLADES ROAD	NB	2020	1897	42%	127	203	208	117	325	2222	6D	I	2940	YES	YES
			SB	2020	1796	42%	123	192	142	110	252	2048	6D	I	2940	YES	YES

WEST HYDER OVERLAY

12/28/2021
 Revised: 04/12/2022
 Revised: 06/17/2022

TABLE 8
PM PEAK HOUR - TEST 2

5-YEAR ANALYSIS

3 MILE RADIUS OF DEVELOPMENT INFLUENCE

AREA WIDE GROWTH RATE = 1.71%
 TOTAL PM PEAK HOUR PROJECT TRIPS (ENTERING) = 328
 TOTAL PM PEAK HOUR PROJECT TRIPS (EXITING) = 384

ROADWAY	FROM	TO	DIRECTION	PM PEAK HOUR						TOTAL BACKGROUND TRAFFIC USED	2026 WITHOUT PROJECT		2026 WITH PROPOSED PROJECT							
				TRAFFIC COUNT	PM PEAK HOUR TRAFFIC	PROJECT DISTRIBUTION	PROJECT TRIPS	LINK GROWTH	MAJOR PROJECT		2026 WITHOUT PROJECT	2026 TOTAL TRAFFIC	ASSURED LANES	CLASS	LOSE	MEETS LOS STD.				
STATE ROAD 7	ATLANTIC AVENUE	WINNERS CIRCLE	NB	2019	1824	35%	134	230	224	132	356	2180	2314	4D	I	1960	NO	NO	6D	1960
			SB	2019	1088	35%	115	137	228	78	306	1394	1509	4D	I	1960	YES	YES	6D	1960
STATE ROAD 7	WINNERS CIRCLE	CLINT MOORE ROAD	NB	2019	1863	65%	213	235	242	134	376	2239	2453	6D	I	2940	YES	YES		
			SB	2019	1034	65%	250	130	203	75	278	1312	1561	6D	I	2940	YES	YES		
STATE ROAD 7	CLINT MOORE ROAD	YAMATO ROAD	NB	2020	1843	50%	164	197	486	113	599	2442	2606	6D	II	2830	YES	YES		
			SB	2020	1833	50%	192	196	497	113	610	2443	2635	6D	II	2830	YES	YES		
STATE ROAD 7	YAMATO ROAD	GLADES ROAD	NB	2020	2034	42%	138	218	431	125	556	2590	2728	6D	I	2940	YES	YES		
			SB	2020	2068	42%	161	221	488	127	615	2683	2845	6D	I	2940	YES	YES		



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Web Application

Office of Work Program and Budget

Updated: 12/3/2021 12:30

Five Year Work Program

Selection Criteria	
District 04 Palm Beach County	2022-2026 AD Item Number:229658-4

Transportation System Description	Fiscal Year:	District	Length	Type of Work	Item	
		2022	2023	2024	2025	2026
INTRASTATE STATE HIGHWAY SR-806/ATLANTIC AVE FROM WEST OF SR-7/US-441 TO EAST OF LYONS ROAD		District 04 - Palm Beach County	2.289	ADD LANES & RECONSTRUCT	229658-4	
Highways /PD & E (On-Going)						
Highways /Preliminary Engineering (On-Going)		\$27,192				
Highways /Right of Way (On-Going)		\$3,674,708	\$6,580,117			
Highways /Railroad & Utilities			\$150,000			
Highways /Construction				\$16,329,138		
Highways /Environmental (On-Going)		\$53,500				

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A	B	C	D	E	F	G	H	I
	Input Data							
ROAD NAME:	W Atlantic Ave	STATION:	5403	Report Created				
CURRENT YEAR:	2020	FROM:	Midpoint	1/12/2022				
ANALYSIS YEAR:	2026	TO:	Lyons Rd					
GROWTH RATE:	0%	COUNT DATE:	12/3/2019					
		PSF:	1.03					
Time Period	Link Analysis							
	AM				PM			
Direction	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB		
Existing Volume	1587	886	716	1529	753	784		
Peak Volume	1635	913	737	1575	776	808		
Diversion(%)	0	0	0	0	0	0		
Volume after Diversion	1635	913	737	1575	776	808		
Committed Developments					Type	% Complete		
Tivoli Isles	0	0	0	0	0	0	Res	100%
Valencia Cove North	0	0	0	0	0	0	Res	100%
Atlantic Commons	0	0	0	0	0	0	Res	100%
Bridges North AGR-PUD	0	0	0	0	0	0	Res	100%
Hyder AGR-PUD	9	7	2	9	4	6	Res	70%
Oaks at Boca	0	0	0	0	0	0	Res	100%
Reserve at Boca	0	0	0	0	0	0	NR	100%
Terranova MUPD	19	7	12	32	17	15	NR	0%
Canyons Town Center	2	1	1	6	3	3	NR	60%
Delray TMD	6	3	3	26	13	13	NR	91.90%
Lyons West AGR-PUD	0	0	0	0	0	0	Res	100%
Villaggio Isles	0	0	0	0	0	0	Res	100%
St Mary Coptic Orthodox Church	1	1	0	1	1	1	NR	50%
Mizner Country Club	1	0	0	1	0	0	Res	98%
Reserve at Atlantic	0	97	52	0	0	0	Res	0%
Legent Delray	0	24	55	0	0	0	NR	0%
Atlantic Avenue Medical	0	11	25	0	0	0	NR	0%
Monticello PUD	22	8	14	26	16	10	Res	0%
West Boca Library	35	5	30	76	46	30	NR	40%
Stop and Shop	30	14	16	41	21	20	NR	70%
Atlantic Commons Commercial	0	0	0	0	0	0	NR	100%
Bridges South AGR-PUD	32	8	24	36	23	13	Res	30%
Valencia Cove South	2	1	1	3	2	1	Res	85%
Happy Hollow Charter School	163	99	63	34	15	19	NR	45%
Verde Commons MUPD	17	6	10	75	38	37	NR	0%
Feurring Commercial MUPD	4	3	2	16	8	8	NR	75%
Divine Savior Academy	21	12	10	7	4	4	NR	50%
Dakota PUD	0	0	0	0	0	0	Res	100%
Dean Dental	0	0	0	0	0	0	NR	100%
Avalon Trails	8	2	6	10	6	4	Res	0%
West Atlantic Business Plaza	62	23	39	76	39	39	NR	0%
Angel Boarding Kennel II	15	2	13	16	14	2	NR	0%
Legent Delray Beach MUPD	99	30	69	116	78	38	NR	0%
Total Committed Developments	548	364	447	607	348	263		
Total Committed Residential	74	123	99	85	51	34		
Total Committed Non-Residential	474	241	348	522	297	229		
Double Count Reduction	19	31	25	21	13	9		
Total Discounted Committed Developments	529	333	422	586	335	254		
Historical Growth	0	0	0	0	0	0		
Comm Dev+1% Growth	630	389	467	683	383	304		
Growth Volume Used	630	389	467	683	383	304		
Total Volume	2265	1302	1204	2258	1159	1112		
Lanes	2L							
LOS D Capacity	1480	880	880	1480	880	880		
Link Meets Test 1?	NO	NO	NO	NO	NO	NO		
LOS E Capacity	1570	880	880	1570	880	880		
Link Meets Test 2?	NO	NO	NO	NO	NO	NO		

Notes: Reserve at Atlantic, Legent Delray, and Atlantic Avenue Medical trips added to TPS database.

Input Data						
ROAD NAME: W Atlantic Ave	STATION: 5403	Report Created				
CURRENT YEAR: 2020	FROM: S State Road 7	1/12/2022				
ANALYSIS YEAR: 2026	TO: Midpoint					
GROWTH RATE: 0%	COUNT DATE: 12/3/2019					
	PSF: 1.03					
Link Analysis						
Time Period	AM	PM				
Direction	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	1587	886	716	1529	753	784
Peak Volume	1635	913	737	1575	776	808
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	1635	913	737	1575	776	808
Committed Developments						
Tivoli Isles	0	0	0	0	0	Res 100%
Valencia Cove North	0	0	0	0	0	Res 100%
Atlantic Commons	0	0	0	0	0	Res 100%
Bridges North AGR-PUD	0	0	0	0	0	Res 100%
Hyder AGR-PUD	9	7	2	9	4	6 Res 70%
Oaks at Boca	0	0	0	0	0	0 Res 100%
Reserve at Boca	0	0	0	0	0	0 NR 100%
Terranova MUPD	19	7	12	32	17	15 NR 0%
Canyons Town Center	2	1	1	6	3	3 NR 60%
Delray TMD	3	2	1	13	6	7 NR 91.90%
Lyons West AGR-PUD	0	0	0	0	0	0 Res 100%
Villaggio Isles	0	0	0	0	0	0 Res 100%
St Mary Coptic Orthodox Church	1	1	0	1	1	1 NR 50%
Mizner Country Club	1	0	0	1	0	0 Res 98%
Reserve at Atlantic	0	97	52	0	0	0 Res 0%
Legent Delray	0	24	55	0	0	0 NR 0%
Atlantic Avenue Medical	0	11	25	0	0	0 NR 0%
Monticello PUD	22	8	14	26	16	10 Res 0%
West Boca Library	35	5	30	76	46	30 NR 40%
Stop and Shop	30	14	16	41	21	20 NR 70%
Atlantic Commons Commercial	0	0	0	0	0	0 NR 100%
Bridges South AGR-PUD	32	8	24	36	23	13 Res 30%
Valencia Cove South	2	1	1	3	2	1 Res 85%
Happy Hollow Charter School	163	99	63	34	15	19 NR 45%
Verde Commons MUPD	17	6	10	75	38	37 NR 0%
Feurring Commercial MUPD	4	3	2	16	8	8 NR 75%
Divine Savior Academy	21	12	10	7	4	4 NR 50%
Dakota PUD	0	0	0	0	0	0 Res 100%
Dean Dental	0	0	0	0	0	0 NR 100%
Avalon Trails	8	2	6	10	6	4 Res 0%
West Atlantic Business Plaza	24	15	9	30	15	15 NR 0%
Angel Boarding Kennel II	15	13	2	16	2	14 NR 0%
Legent Delray Beach MUPD	43	30	13	50	16	33 NR 0%
Total Committed Developments	451	366	348	482	243	240
Total Committed Residential	74	123	99	85	51	34
Total Committed Non-Residential	377	243	249	397	192	206
Double Count Reduction	19	31	25	21	13	9
Total Discounted Committed Developments	432	335	323	461	230	231
Historical Growth	0	0	0	0	0	0
Comm Dev+1% Growth	533	391	368	558	278	281
Growth Volume Used	533	391	368	558	278	281
Total Volume	2168	1304	1105	2133	1054	1089
Lanes	2L					
LOS D Capacity	1480	880	880	1480	880	880
Link Meets Test 1?	NO	NO	NO	NO	NO	NO
LOS E Capacity	1570	880	880	1570	880	880
Link Meets Test 2?	NO	NO	NO	NO	NO	NO

Notes: Reserve at Atlantic, Legent Delray, and Atlantic Avenue Medical trips added to TPS database.

A	B	C	D	E	F	G	H	I
	Input Data							
ROAD NAME:	N State Road 7						STATION: 5404	Report Created
CURRENT YEAR:	2019						FROM: Midpoint	12/3/2021
ANALYSIS YEAR:	2026						TO: W Atlantic Ave	
GROWTH RATE:	5.66%						COUNT DATE: 1/23/2019	
							PSF: 1	
	Link Analysis							
Time Period	AM				PM			
Direction	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB		
Existing Volume	3101	1123	2012	2912	1824	1088		
Peak Volume	3101	1123	2012	2912	1824	1088		
Diversion(%)	0	0	0	0	0	0		
Volume after Diversion	3101	1123	2012	2912	1824	1088		
Committed Developments							Type	% Complete
Tivoli Isles	0	0	0	0	0	0	Res	100%
Bridges North AGR-PUD	0	0	0	0	0	0	Res	100%
Hyder AGR-PUD	53	40	13	58	21	37	Res	54.10%
Oaks at Boca	0	0	0	0	0	0	Res	100%
Reserve at Boca	0	0	0	0	0	0	NR	100%
Terranova MUPD	10	4	6	16	9	7	NR	0%
Canyons Town Center	15	9	6	44	21	24	NR	60%
Delray TMD	2	1	1	11	5	5	NR	91.90%
Lyons West AGR-PUD	0	0	0	0	0	0	Res	100%
Villaggio Isles	0	0	0	0	0	0	Res	100%
St Mary Coptic Orthodox Church	0	0	0	0	0	0	NR	50%
Mizner Country Club	1	0	0	1	0	0	Res	98%
Monticello PUD	12	4	8	14	9	6	Res	0%
Yamato Court MUPD	0	0	0	0	0	0	NR	100%
West Boca Library	49	7	42	106	64	42	NR	40%
Stop and Shop	46	25	21	64	32	32	NR	60%
Atlantic Commons Commercial	0	0	0	0	0	0	NR	100%
Bridges South AGR-PUD	3	1	2	4	2	1	Res	30%
Valencia Cove South	2	1	1	3	2	1	Res	83%
Happy Hollow Charter School	108	66	42	23	10	13	NR	45%
Verde Commons MUPD	38	14	23	170	86	84	NR	0%
Feurring Commercial MUPD	6	4	3	22	11	11	NR	30%
Divine Savior Academy	6	4	3	2	1	1	NR	50%
Dakota PUD	0	0	0	0	0	0	Res	100%
Total Committed Developments	351	180	171	538	273	264		
Total Committed Residential	71	46	24	80	34	45		
Total Committed Non-Residential	280	134	147	458	239	219		
Double Count Reduction	18	12	6	20	9	11		
Total Discounted Committed Developments	333	168	165	518	264	253		
Historical Growth	1457	527	945	1368	857	511		
Comm Dev+1% Growth	557	249	310	728	396	331		
Growth Volume Used	1457	527	945	1368	857	511		
Total Volume	4558	1650	2957	4280	2681	1599		
Lanes	4LD							
LOS D Capacity	3220	1960	1960	3220	1960	1960		
Link Meets Test 1?	NO	YES	NO	NO	NO	YES		
LOS E Capacity	3400	1960	1960	3400	1960	1960		
Link Meets Test 2?	NO	YES	NO	NO	NO	YES		

Input Data

ROAD NAME: N State Road 7	STATION: 6102	Report Created
CURRENT YEAR: 2019	FROM: Clint Moore Rd	12/3/2021
ANALYSIS YEAR: 2026	TO: Midpoint	
GROWTH RATE: -0.92%	COUNT DATE: 1/28/2019	
	PSF: 1	

Link Analysis

Time Period	Link Analysis		
	AM	PM	
Direction	2-way	NB/EB	SB/WB
Existing Volume	3105	1042	2063
Peak Volume	3105	1042	2063
Diversion(%)	0	0	0
Volume after Diversion	3105	1042	2063
	2-way	NB/EB	SB/WB
	3105	1863	1034
	3105	1863	1034
	0	0	0
	3105	1863	1034

Committed Developments

						Type	% Complete
Tivoli Isles	0	0	0	0	0	Res	100%
Bridges North AGR-PUD	0	0	0	0	0	Res	100%
Hyder AGR-PUD	85	21	63	92	58	Res	54.10%
Oaks at Boca	0	0	0	0	0	Res	100%
Reserve at Boca	0	0	0	0	0	NR	100%
Terranova MUPD	10	4	6	16	9	NR	0%
Canyons Town Center	15	9	6	44	21	NR	60%
Delray TMD	2	1	1	11	5	NR	91.90%
Lyons West AGR-PUD	0	0	0	0	0	Res	100%
Randazzo School	31	13	17	15	8	NR	0%
Villaggio Isles	0	0	0	0	0	Res	100%
Monticello PUD	12	4	8	14	9	Res	0%
Yamato Court MUPD	0	0	0	0	0	NR	100%
West Boca Library	49	7	42	106	64	NR	40%
Stop and Shop	33	18	15	46	23	NR	60%
Atlantic Commons Commercial	0	0	0	0	0	NR	100%
Bridges South AGR-PUD	3	1	2	4	2	Res	30%
Valencia Cove South	2	1	1	3	2	Res	83%
Happy Hollow Charter School	108	66	42	23	10	NR	45%
Verde Commons MUPD	38	14	23	170	86	NR	0%
Feurring Commercial MUPD	6	4	3	22	11	NR	30%
Divine Savior Academy	6	4	3	2	1	NR	50%
Dakota PUD	0	0	0	0	0	Res	100%
Total Committed Developments	400	167	232	568	309	259	
Total Committed Residential	102	27	74	113	71	42	
Total Committed Non-Residential	298	140	158	455	238	217	
Double Count Reduction	26	7	19	28	18	11	
Total Discounted Committed Developments	374	160	213	540	291	248	
Historical Growth	-195	-65	-129	-181	-117	-65	
Comm Dev+1% Growth	598	235	362	748	425	323	
Growth Volume Used	598	235	362	748	425	323	
Total Volume	3703	1277	2425	3634	2288	1357	
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
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MODIFIED

Input Data

ROAD NAME: N State Road 7 STATION: 5404
 CURRENT YEAR: 2019 FROM: Midpoint Report Created
 ANALYSIS YEAR: 2026 TO: W Atlantic Ave 12/3/2021
 GROWTH RATE: 5.66% COUNT DATE: 1/23/2019
 PSF: 1

Link Analysis

Time Period

AM

PM

Direction	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	3101	1123	2012	2912	1824	1088
Peak Volume	3101	1123	2012	2912	1824	1088
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	3101	1123	2012	2912	1824	1088

Committed Developments

	Type	% Complete
Tivoli Isles	Res	100%
Bridges North AGR-PUD	Res	100%
Hyder AGR-PUD	Res	54.10%
Oaks at Boca	Res	100%
Reserve at Boca	NR	100%
Terranova MUPD	NR	0%
Canyons Town Center	NR	60%
Delray TMD	NR	91.90%
Lyons West AGR-PUD	Res	100%
Villaggio Isles	Res	100%
St Mary Coptic Orthodox Church	NR	50%
Mizner Country Club	Res	98%
Monticello PUD	Res	0%
Yamato Court MUPD	NR	100%
West Boca Library	NR	40%
Stop and Shop	NR	60%
Atlantic Commons Commercial	NR	100%
Bridges South AGR-PUD	Res	30%
Valencia Cove South	Res	83%
Happy Hollow Charter School	NR	45%
Verde Commons MUPD	NR	0%
Feurring Commercial MUPD	NR	30%
Divine Savior Academy	NR	50%
Dakota PUD	Res	100%
Total Committed Developments	281	140
Total Committed Residential	53	40
Total Committed Non-Residential	228	100
Double Count Reduction	13	10
Total Discounted Committed Developments	268	130
Historical Growth	1457	527
Comm Dev+1% Growth	492	211
Growth Volume Used	1457	527
Total Volume	4558	1650

Lanes

4LD					
3220	1960	1960	3220	1960	1960
NO	YES	NO	NO	NO	YES
3400	1960	1960	3400	1960	1960

Note: Removed insignificant trips.

Input Data

ROAD NAME: N State Road 7 STATION: 6102
 CURRENT YEAR: 2019 FROM: Clint Moore Rd
 ANALYSIS YEAR: 2026 TO: Midpoint
 GROWTH RATE: -0.92% COUNT DATE: 1/28/2019
 PSF: 1

Link Analysis

Time Period

AM PM

Direction

	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	3105	1042	2063	2886	1863	1034
Peak Volume	3105	1042	2063	2886	1863	1034
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	3105	1042	2063	2886	1863	1034

Committed Developments

	0	0	0	0	0	0	Type	% Complete
Tivoli Isles	0	0	0	0	0	0	Res	100%
Bridges North AGR-PUD	0	0	0	0	0	0	Res	100%
Hyder AGR-PUD	85	21	63	92	58	34	Res	54.10%
Oaks at Boca	0	0	0	0	0	0	Res	100%
Reserve at Boca	0	0	0	0	0	0	NR	100%
Terranova MUPD	0	0	0	0	0	0	NR	0%
Canyons Town Center	0	0	0	44	21	24	NR	60%
Delray TMD	0	0	0	11	5	5	NR	91.90%
Lyons West AGR-PUD	0	0	0	0	0	0	Res	100%
Randazzo School	0	0	0	0	0	0	NR	0%
Villaggio Isles	0	0	0	0	0	0	Res	100%
Monticello PUD	0	0	0	0	0	0	Res	0%
Yamato Court MUPD	0	0	0	0	0	0	NR	100%
West Boca Library	0	0	42	106	64	42	NR	40%
Stop and Shop	33	18	15	46	23	23	NR	60%
Atlantic Commons Commercial	0	0	0	0	0	0	NR	100%
Bridges South AGR-PUD	0	0	0	0	0	0	Res	30%
Valencia Cove South	0	0	0	0	0	0	Res	83%
Happy Hollow Charter School	108	66	42	0	0	0	NR	45%
Verde Commons MUPD	0	0	0	170	86	84	NR	0%
Feurring Commercial MUPD	0	0	0	0	0	0	NR	30%
Divine Savior Academy	0	0	0	0	0	0	NR	50%
Dakota PUD	0	0	0	0	0	0	Res	100%
Total Committed Developments	226	105	162	469	257	212		
Total Committed Residential	85	21	63	92	58	34		
Total Committed Non-Residential	141	84	99	377	199	178		
Double Count Reduction	21	5	16	23	15	9		
Total Discounted Committed Developments	205	100	146	446	242	203		
Historical Growth	-195	-65	-129	-181	-117	-65		
Comm Dev+1% Growth	429	175	295	654	376	278		
Growth Volume Used	429	175	295	654	376	278		
Total Volume	3534	1217	2358	3540	2239	1312		

Lanes

6LD						
4880	2940	2940	4880	2940	2940	
YES	YES	YES	YES	YES	YES	
5150	2940	2940	5150	2940	2940	
YES	YES	YES	YES	YES	YES	

Note: Removed insignificant trips.

Input Data

ROAD NAME: N State Road 7	STATION: 0	Report Created
CURRENT YEAR: 2020	FROM: Boca Chase Dr	12/3/2021
ANALYSIS YEAR: 2026	TO: Midpoint	
GROWTH RATE: 0%	COUNT DATE: NA	
	PSF: 0	

Link Analysis

Time Period	AM	PM
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Direction	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB	
Existing Volume	0	0	0	0	0	0	
Peak Volume	0	0	0	0	0	0	
Diversion(%)	0	0	0	0	0	0	
Volume after Diversion	0	0	0	0	0	0	

Committed Developments

	0	0	0	0	0	0	Type	% Complete
Tivoli Isles	0	0	0	0	0	0	Res	100%
Bridges North AGR-PUD	0	0	0	0	0	0	Res	100%
Hyder AGR-PUD	58	15	44	63	40	23	Res	70%
Oaks at Boca	0	0	0	0	0	0	Res	100%
Reserve at Boca	0	0	0	0	0	0	NR	100%
Delray TMD	1	1	0	4	2	2	NR	91.90%
Randazzo School	31	17	13	15	7	8	NR	0%
Yamato Court MUPD	0	0	0	0	0	0	NR	100%
West Boca Library	63	8	54	136	83	53	NR	40%
Bridges South AGR-PUD	47	12	36	54	34	20	Res	30%
Verde Commons MUPD	105	65	40	471	234	238	NR	0%
Divine Savior Academy	6	4	3	2	1	1	NR	50%
Dakota PUD	0	0	0	0	0	0	Res	100%
Total Committed Developments	311	122	190	745	401	345		
Total Committed Residential	105	27	80	117	74	43		
Total Committed Non-Residential	206	95	110	628	327	302		
Double Count Reduction	26	7	20	29	19	11		
Total Discounted Committed Developments	285	115	170	716	382	334		
Historical Growth	0	0	0	0	0	0		
Comm Dev+1% Growth	285	115	170	716	382	334		
Growth Volume Used	285	115	170	716	382	334		
Total Volume	285	115	170	716	382	334		

Lanes

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

Input Data

ROAD NAME: N State Road 7	STATION: 6412	Report Created
CURRENT YEAR: 2020	FROM: Yamato Rd	12/3/2021
ANALYSIS YEAR: 2026	TO: Midpoint	
GROWTH RATE: 0%	COUNT DATE: 2/11/2020	
	PSF: 1	

Link Analysis

Time Period	AM	PM
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Direction	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	3649	1686	1983	3613	1843	1833
Peak Volume	3649	1686	1983	3613	1843	1833
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	3649	1686	1983	3613	1843	1833

Committed Developments

						Type	% Complete
Bridges North AGR-PUD	0	0	0	0	0	Res	100%
Hyder AGR-PUD	58	15	44	63	40	Res	70%
Oaks at Boca	0	0	0	0	0	Res	100%
Reserve at Boca	0	0	0	0	0	NR	100%
Randazzo School	31	17	13	15	7	NR	0%
Yamato Court MUPD	0	0	0	0	0	NR	100%
St. John Evangelist Church	2	1	1	2	1	NR	50%
West Boca Library	68	59	9	148	58	NR	40%
Bridges South AGR-PUD	47	12	36	54	34	Res	30%
Verde Commons MUPD	105	65	40	471	234	NR	0%
Dakota PUD	0	0	0	0	0	Res	100%
Johns Glades West MXPD	74	46	28	231	103	NR	0%
Total Committed Developments	385	215	171	984	477	508	
Total Committed Residential	105	27	80	117	74	43	
Total Committed Non-Residential	280	188	91	867	403	465	
Double Count Reduction	26	7	18	29	19	11	
Total Discounted Committed Developments	359	208	153	955	458	497	
Historical Growth	0	0	0	0	0	0	
Comm Dev+1% Growth	583	312	275	1177	571	610	
Growth Volume Used	583	312	275	1177	571	610	
Total Volume	4232	1998	2258	4790	2414	2443	

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: N State Road 7				STATION: 6402				Report Created
CURRENT YEAR: 2020				FROM: Midpoint				12/3/2021
ANALYSIS YEAR: 2026				TO: Yamato Rd				
GROWTH RATE: 0%				COUNT DATE: 2/5/2020				
				PSF: 1				
Link Analysis								
Time Period	AM				PM			
Direction	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB		
Existing Volume	3692	1897	1796	4102	2034	2068		
Peak Volume	3692	1897	1796	4102	2034	2068		
Diversion(%)	0	0	0	0	0	0		
Volume after Diversion	3692	1897	1796	4102	2034	2068		
Committed Developments								
Hyder AGR-PUD	50	12	37	54	34	20	Res	70%
Oaks at Boca	0	0	0	0	0	0	Res	100%
Reserve at Boca	0	0	0	0	0	0	NR	100%
Yamato Court MUPD	0	0	0	0	0	0	NR	100%
St. John Evangelist Church	2	1	1	2	1	1	NR	50%
West Boca Library	43	37	6	94	37	57	NR	40%
Bridges South AGR-PUD	35	9	26	40	25	15	Res	30%
Festival Shoppes	5	2	3	29	15	14	Res	90%
Shadowwood Square	12	5	7	46	22	24	Res	75%
Verde Commons MUPD	75	46	29	339	168	171	NR	0%
Johns Glades West MXPD	100	63	37	313	139	174	NR	0%
Total Committed Developments	322	175	146	917	441	476		
Total Committed Residential	102	28	73	169	96	73		
Total Committed Non-Residential	220	147	73	748	345	403		
Double Count Reduction	26	7	15	42	24	18		
Total Discounted Committed Developments	296	168	131	875	417	458		
Historical Growth	0	0	0	0	0	0		
Comm Dev+1% Growth	523	285	241	1127	542	585		
Growth Volume Used	523	285	241	1127	542	585		
Total Volume	4215	2182	2037	5229	2576	2653		
Lanes	6LD							
LOS D Capacity	4880	2680	2680	4880	2680	2680		
Link Meets Test 1?	YES	YES	YES	NO	YES	YES		
LOS E Capacity	5150	2830	2830	5150	2830	2830		
Link Meets Test 2?	YES	YES	YES	NO	YES	YES		

Input Data

ROAD NAME: N State Road 7	STATION: 6402	Report Created
CURRENT YEAR: 2020	FROM: Kimberly Blvd	12/3/2021
ANALYSIS YEAR: 2026	TO: Midpoint	
GROWTH RATE: 0%	COUNT DATE: 2/5/2020	
	PSF: 1	

Link Analysis

Time Period	AM	PM
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Direction	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	3692	1897	1796	4102	2034	2068
Peak Volume	3692	1897	1796	4102	2034	2068
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	3692	1897	1796	4102	2034	2068

Committed Developments

	50	12	37	54	34	20	Type	% Complete
Hyder AGR-PUD	0	0	0	0	0	0	Res	70%
Oaks at Boca	0	0	0	0	0	0	Res	100%
Reserve at Boca	0	0	0	0	0	0	NR	100%
Yamato Court MUPD	0	0	0	0	0	0	NR	100%
St. John Evangelist Church	2	1	1	2	1	1	NR	50%
West Boca Library	43	37	6	94	37	57	NR	40%
Weinbaum Yeshiva High School	9	3	6	3	2	1	NR	75%
Bridges South AGR-PUD	35	9	26	40	25	15	Res	30%
Festival Shoppes	5	2	3	29	15	14	Res	90%
Shadowwood Square	12	5	7	46	22	24	Res	75%
Verde Commons MUPD	75	46	29	339	168	171	NR	0%
Johns Glades West MXPD	100	63	37	313	139	174	NR	0%
Total Committed Developments	331	178	152	920	443	477		
Total Committed Residential	102	28	73	169	96	73		
Total Committed Non-Residential	229	150	79	751	347	404		
Double Count Reduction	26	7	16	42	24	18		
Total Discounted Committed Developments	305	171	136	878	419	459		
Historical Growth	0	0	0	0	0	0		
Comm Dev+1% Growth	532	288	246	1130	544	586		
Growth Volume Used	532	288	246	1130	544	586		
Total Volume	4224	2185	2042	5232	2578	2654		

Lanes

	6LD					
LOS D Capacity	4880	2680	2680	4880	2680	2680
Link Meets Test 1?	YES	YES	YES	NO	YES	YES
LOS E Capacity	5150	2830	2830	5150	2830	2830
Link Meets Test 2?	YES	YES	YES	NO	YES	YES

A	B	C	D	E	F	G	H	I
Input Data								
ROAD NAME: N State Road 7				STATION: 6402				Report Created
CURRENT YEAR: 2020				FROM: Midpoint				12/3/2021
ANALYSIS YEAR: 2026				TO: Kimberly Blvd				
GROWTH RATE: 0%				COUNT DATE: 2/5/2020				
				PSF: 1				
Link Analysis								
Time Period	AM				PM			
Direction	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB		
Existing Volume	3692	1897	1796	4102	2034	2068		
Peak Volume	3692	1897	1796	4102	2034	2068		
Diversion(%)	0	0	0	0	0	0		
Volume after Diversion	3692	1897	1796	4102	2034	2068		
Committed Developments								
Hyder AGR-PUD	44	11	33	47	30	18	Res	70%
Reserve at Boca	0	0	0	0	0	0	NR	100%
Yamato Court MUPD	0	0	0	0	0	0	NR	100%
West Boca Library	38	33	5	82	32	50	NR	40%
Weinbaum Yeshiva High School	11	4	8	4	2	2	NR	75%
Festival Shoppes	6	3	4	36	19	18	Res	90%
Shadowwood Square	25	11	14	93	45	48	Res	75%
Verde Commons MUPD	63	39	24	283	140	143	NR	0%
Johns Glades West MXPD	113	71	42	354	158	196	NR	0%
Boca Raton Golf Course PUD	42	32	11	50	18	31	Res	0%
Kabbalah Learning Centre	16	7	9	5	3	3	NR	0%
Total Committed Developments	358	211	150	954	447	509		
Total Committed Residential	117	57	62	226	112	115		
Total Committed Non-Residential	241	154	88	728	335	394		
Double Count Reduction	29	14	16	57	28	29		
Total Discounted Committed Developments	329	197	134	897	419	480		
Historical Growth	0	0	0	0	0	0		
Comm Dev+1% Growth	556	314	244	1149	544	607		
Growth Volume Used	556	314	244	1149	544	607		
Total Volume	4248	2211	2040	5251	2578	2675		
Lanes	6LD							
LOS D Capacity	4880	2940	2940	4880	2940	2940		
Link Meets Test 1?	YES	YES	YES	NO	YES	YES		
LOS E Capacity	5150	2940	2940	5150	2940	2940		
Link Meets Test 2?	YES	YES	YES	NO	YES	YES		

Input Data

ROAD NAME: N State Road 7	STATION: 6402	Report Created
CURRENT YEAR: 2020	FROM: Glades Rd	12/3/2021
ANALYSIS YEAR: 2026	TO: Midpoint	
GROWTH RATE: 0%	COUNT DATE: 2/5/2020	
	PSF: 1	

Link Analysis

Time Period	AM	PM
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Direction	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	3692	1897	1796	4102	2034	2068
Peak Volume	3692	1897	1796	4102	2034	2068
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	3692	1897	1796	4102	2034	2068

Committed Developments

	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB	Type	% Complete
Hyder AGR-PUD	44	11	33	47	30	18	Res	70%
Reserve at Boca	0	0	0	0	0	0	NR	100%
Yamato Court MUPD	0	0	0	0	0	0	NR	100%
Rainberry PUD	19	9	10	20	10	10	NR	75%
West Boca Library	38	33	5	82	32	50	NR	40%
Weinbaum Yeshiva High School	11	4	8	4	2	2	NR	75%
Festival Shoppes	6	3	4	36	19	18	Res	90%
Shadowwood Square	25	14	11	93	48	45	Res	75%
Verde Commons MUPD	63	39	24	283	140	143	NR	0%
Johns Glades West MXPD	113	71	42	354	158	196	NR	0%
Boca Raton Golf Course PUD	42	32	11	50	18	31	Res	0%
Kabbalah Learning Centre	16	7	9	5	3	3	NR	0%
Total Committed Developments	377	223	157	974	460	516		
Total Committed Residential	117	60	59	226	115	112		
Total Committed Non-Residential	260	163	98	748	345	404		
Double Count Reduction	29	15	15	57	29	28		
Total Discounted Committed Developments	348	208	142	917	431	488		
Historical Growth	0	0	0	0	0	0		
Comm Dev+1% Growth	575	325	252	1169	556	615		
Growth Volume Used	575	325	252	1169	556	615		
Total Volume	4267	2222	2048	5271	2590	2683		

Lanes

	6LD					
LOS D Capacity	4880	2940	2940	4880	2940	2940
Link Meets Test 1?	YES	YES	YES	NO	YES	YES
LOS E Capacity	5150	2940	2940	5150	2940	2940
Link Meets Test 2?	YES	YES	YES	NO	YES	YES

A	B	C	D	E	F	G	H	I
Input Data								
ROAD NAME: Clint Moore Rd			STATION: 6403			Report Created		
CURRENT YEAR: 2019			FROM: Midpoint			12/3/2021		
ANALYSIS YEAR: 2026			TO: Lyons Rd					
GROWTH RATE: -0.08%			COUNT DATE: 1/28/2019					
Link Analysis								

Time Period	AM	PM
Direction	2-way	NB/EB SB/WB
Existing Volume	1766	1252 538
Peak Volume	1766	1252 538
Diversion(%)	0	0 0
Volume after Diversion	1766	1252 538
	2-way	NB/EB SB/WB
	1827	664 1212
	1827	664 1212
	0	0 0
	1766	1252 538

	Type	% Complete
Tivoli Isles	Res	100%
Bridges North AGR-PUD	Res	100%
Hyder AGR-PUD	Res	54.10%
Oaks at Boca	Res	100%
Reserve at Boca	NR	100%
Delray TMD	NR	91.90%
Randazzo School	NR	0%
Mizner Country Club	Res	98%
Yamato Court MUPD	NR	100%
West Boca Library	NR	40%
Bridges South AGR-PUD	Res	30%
Verde Commons MUPD	NR	0%
Divine Savior Academy	NR	50%
Dakota PUD	Res	100%
Total Committed Developments	229	87 143 415 224 194
Total Committed Residential	79	20 60 88 56 33
Total Committed Non-Residential	150	67 83 327 168 161
Double Count Reduction	20	5 15 22 14 8
Total Discounted Committed Developments	209	82 128 393 210 186
Historical Growth	-10	-7 -3 -10 -4 -7
Comm Dev+1% Growth	336	172 167 525 258 273
Growth Volume Used	336	172 167 525 258 273
Total Volume	2102	1424 705 2352 922 1485

Lanes	4LD					
LOS D Capacity	3220	1960	1960	3220	1960	1960
Link Meets Test 1?	YES	YES	YES	YES	YES	YES
LOS E Capacity	3400	1960	1960	3400	1960	1960
Link Meets Test 2?	YES	YES	YES	YES	YES	YES

Input Data

ROAD NAME: Clint Moore Rd	STATION: 6403	Report Created
CURRENT YEAR: 2019	FROM: S State Road 7	12/3/2021
ANALYSIS YEAR: 2026	TO: Midpoint	
GROWTH RATE: -0.08%	COUNT DATE: 1/28/2019	
	PSF: 1	

Link Analysis

Time Period	AM			PM		
	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB
Existing Volume	1766	1252	538	1827	664	1212
Peak Volume	1766	1252	538	1827	664	1212
Diversion(%)	0	0	0	0	0	0
Volume after Diversion	1766	1252	538	1827	664	1212

Committed Developments

	2-way	NB/EB	SB/WB	2-way	NB/EB	SB/WB	Type	% Complete
Tivoli Isles	0	0	0	0	0	0	Res	100%
Bridges North AGR-PUD	0	0	0	0	0	0	Res	100%
Hyder AGR-PUD	22	6	17	24	15	9	Res	54.10%
Oaks at Boca	0	0	0	0	0	0	Res	100%
Reserve at Boca	0	0	0	0	0	0	NR	100%
Delray TMD	1	0	0	3	2	2	NR	91.90%
Randazzo School	61	35	27	29	14	16	NR	0%
Mizner Country Club	1	0	1	1	1	0	Res	98%
Yamato Court MUPD	0	0	0	0	0	0	NR	100%
West Boca Library	17	2	14	36	22	14	NR	40%
Bridges South AGR-PUD	56	14	42	63	40	24	Res	30%
Verde Commons MUPD	153	94	58	688	342	347	NR	0%
Divine Savior Academy	15	8	7	5	2	3	NR	50%
Dakota PUD	0	0	0	0	0	0	Res	100%
Total Committed Developments	326	159	166	849	438	415		
Total Committed Residential	79	20	60	88	56	33		
Total Committed Non-Residential	247	139	106	761	382	382		
Double Count Reduction	20	5	15	22	14	8		
Total Discounted Committed Developments	306	154	151	827	424	407		
Historical Growth	-10	-7	-3	-10	-4	-7		
Comm Dev+1% Growth	433	244	190	959	472	494		
Growth Volume Used	433	244	190	959	472	494		
Total Volume	2199	1496	728	2786	1136	1706		

Lanes

	4LD					
LOS D Capacity	3220	1960	1960	3220	1960	1960
Link Meets Test 1?	YES	YES	YES	YES	YES	YES
LOS E Capacity	3400	1960	1960	3400	1960	1960
Link Meets Test 2?	YES	YES	YES	YES	YES	YES

ADDITIONAL MAJOR PROJECT TRIPS

01/18/22
Revised: 03/28/22

[RESERVE AT ATLANTIC](#)

TABLE 7
AM PEAK HOUR - TEST 1

2026 BUILD OUT
2 MILE RADIUS OF DEVELOPMENT INFLUENCE
AREA WIDE GROWTH = 2.65%
TOTAL AM PEAK HOUR PROJECT TRIPS (ENTERING) = 69
TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 149

ROADWAY	FROM	TO	DIRECTION	COUNT	AM PEAK HOUR				TOTAL BACKGROUN				2026 WITHOUT								
					YEAR	TRAFFIC	PROJECT DISTRIBUTION	TRIPS	AREA WIDE GROWTH	MAJOR PROJECT	1.0% GROWTH	TRAFFIC USED	2026 BACKGROUND TRAFFIC	2026 TOTAL TRAFFIC	EXISTING LANES	CLASS	LOS D	PROJECT MEETS LOS STD.	MEETS LOS STD.	REQ. LANES	NEW LOS
A	ATLANTIC AVENUE	STATE ROAD 7	HALF MILE ROAD	EB	2020	886	35%	24	151	227	55	282	1168	1192	2	I	880	NO	NO	4D	1960
A	ATLANTIC AVENUE	HALF MILE ROAD	LYONS ROAD	WB	2020	716	35%	52	122	303	44	347	1063	1115	2	I	880	NO	NO	4D	1960
A	ATLANTIC AVENUE	LYONS ROAD	FLORIDA TURNPIKE	WB	2020	886	65%	97	151	227	55	282	1168	1265	2	I	880	NO	NO	4D	1960
A	ATLANTIC AVENUE	FLORIDA TURNPIKE	HAGEN RANCH ROAD	WB	2020	1436	45%	45	122	303	44	347	1063	1108	2	I	880	NO	NO	4D	1960
A	ATLANTIC AVENUE	HAGEN RANCH ROAD	BOYNTON BEACH BOULEVARD	EB	2020	1293	45%	31	220	416	80	496	1789	1820	4D	I	1960	YES	YES	6D	2680
A	ATLANTIC AVENUE	HAGEN RANCH ROAD	FLAVOR PICT ROAD	WB	2020	2210	20%	30	376	245	136	381	2591	2621	4D	II	1770	NO	NO	6D	2680
A	ATLANTIC AVENUE	HAGEN RANCH ROAD	JOG ROAD	EB	2020	1558	20%	14	265	335	96	431	1989	2003	4D	II	1770	NO	NO	6D	2680
A	ATLANTIC AVENUE	HAGEN RANCH ROAD	LYONS ROAD	WB	2020	2298	15%	22	391	208	141	391	2689	2711	4D	II	1770	NO	NO	6D	2680
A	LYONS ROAD	BOYNTON BEACH BOULEVARD	FLAVOR PICT ROAD	NB	2020	624	10%	15	106	551	38	589	1213	1228	2	I	880	NO	NO	4D	1960
A	LYONS ROAD	FLAVOR PICT ROAD	ATLANTIC AVENUE	NB	2020	850	10%	7	144	562	52	614	1464	1471	2	I	880	NO	NO	4D	1960
A	LYONS ROAD	FLAVOR PICT ROAD	ATLANTIC AVENUE	SB	2019	464	10%	15	93	410	33	443	907	922	2	I	880	NO	NO	4D	1960
A	LYONS ROAD	FLAVOR PICT ROAD	ATLANTIC AVENUE	SB	2019	900	10%	7	181	429	65	494	1394	1401	2	I	880	NO	NO	4D	1960
A	STATE ROAD 7	ATLANTIC AVENUE	WINNERS CIRCLE	NB	2019	1123	15%	10	226	130	81	226	1349	1359	4D	I	1960	YES	YES	6D	2940
A	STATE ROAD 7	ATLANTIC AVENUE	WINNERS CIRCLE	SB	2019	2012	15%	22	404	138	145	404	2416	2438	4D	I	1960	NO	NO	6D	2940

Notes:
 Atlantic Avenue from SR 7 to Lyons Road and Lyons Road from Atlantic Avenue to Boynton Beach Boulevard is to be widened to 4 lanes in the FDOT and PBC 5-Year Work Program.

ADDITIONAL MAJOR PROJECT TRIPS

CMA INTERSECTION ANALYSIS
RESERVE AT ATLANTIC
ATLANTIC AVENUE AT STATE ROAD 7

INPUT DATA

Comments: TOTAL CONDITIONS WITH PROJECT AND IMPROVEMENTS
 Area Wide Growth Rate = 4.66% Peak Season = 1.00 Current Year = 2020 Buildout Year = 2026

AM Peak Hour

INTERSECTION VOLUME DEVELOPMENT

	Northbound			Southbound			Eastbound			Westbound		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volume (2020)	184	694	397	417	1524	69	50	93	41	510	64	138
Peak Season Adjustment	0	0	0	0	0	0	0	0	0	0	0	0
Background Traffic Growth	58	218	125	131	479	22	16	29	13	160	20	43
1.0% Background Growth	11	43	24	26	94	4	3	6	3	31	4	8
Major Projects Traffic	0	60	103	55	47	0	0	0	0	107	0	56
Growth Used	58	218	125	131	479	22	16	29	13	160	20	43
Project Traffic	0	0	10	14	0	0	0	0	0	22	0	30
Total	242	912	532	562	2003	91	66	122	54	692	84	211
Approach Total	1,686			2,656			242			988		

CRITICAL VOLUME ANALYSIS

No. of Lanes	1	3	2	2	3	1	1	2	1	2	2	2
Per Lane Volume	242	304	266	281	668	91	66	61	54	346	42	106
Right on Red			60			60			60			60
Overlaps Left			346			66			242			281
Adj. Per Lane Volume	242	304	0	281	668	0	66	61	0	346	42	0
Through/Right Volume		304			668			61			42	
Opposing Left Turns		281			242			346			66	
Critical Volume for Approach		585			909			407			108	
Critical Volume for Direction		909						407				
Intersection Critical Volume					1,317							
STATUS?					NEAR							

PM Peak Hour

INTERSECTION VOLUME DEVELOPMENT

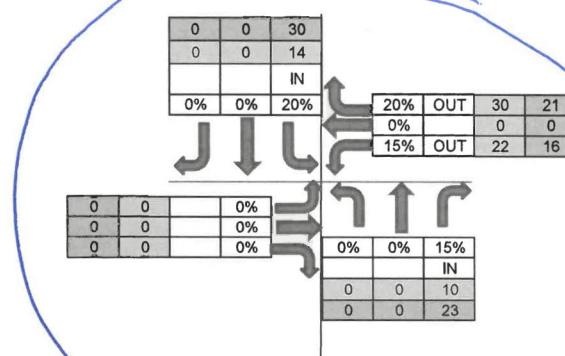
	Northbound			Southbound			Eastbound			Westbound		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volume (2020)	114	1439	496	210	912	39	114	120	34	591	60	273
Peak Season Adjustment	0	0	0	0	0	0	0	0	0	0	0	0
Background Traffic Growth	36	452	156	66	287	12	36	38	11	186	19	86
1.0% Background Growth	7	89	31	13	56	2	7	7	2	36	4	17
Major Projects Traffic	0	112	136	46	116	0	0	0	0	120	0	39
Growth Used	36	452	156	66	287	12	36	38	11	186	19	86
Project Traffic	0	0	23	30	0	0	0	0	0	16	0	21
Total	150	1891	675	306	1199	51	150	158	45	793	79	380
Approach Total	2,716			1,556			352			1,261		

CRITICAL VOLUME ANALYSIS

No. of Lanes	1	3	2	2	3	1	1	2	1	2	2	2
Per Lane Volume	150	630	337	153	400	51	150	79	45	396	39	190
Right on Red			60			60			60			60
Overlaps Left			396			150			150			153
Adj. Per Lane Volume	150	630	0	153	400	0	150	79	0	396	39	0
Through/Right Volume		630			400			79			39	
Opposing Left Turns		153			150			396			150	
Critical Volume for Approach		783			549			475			189	
Critical Volume for Direction		783						475				
Intersection Critical Volume					1,259							
STATUS?					NEAR							

Notes: Improvements shown include improvements detailed in the FDOT plans for Atlantic Avenue and SR 7 widening.

TRIPS		
	IN	OUT
AM	69	149
PM	150	106



ADDITIONAL MAJOR PROJECT TRIPS

LEGENT DELRAY BEACH MUPD

11/30/2020
Revised: 02/05/2021

TABLE 6
AM PEAK HOUR - TEST 1

2 MILE RADIUS OF DEVELOPMENT INFLUENCE

TOTAL AM PEAK HOUR PROJECT TRIPS (ENTERING) = 79
TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 31

ROADWAY	FROM	TO	DIRECTION	COUNT YEAR	AM PEAK HOUR PROJECT TRIPS			LINK GROWTH RATE	LINK GROWTH	MAJOR PROJECT	1.0% GROWTH	TOTAL BACKGROUND TRAFFIC USED				2025 BACKGROUND TRAFFIC	2025 TOTAL TRAFFIC	EXISTING LANES	MEETS LOS STD.	REQ. LANES	NEW LOS
					AM PEAK HOUR TRAFFIC	PROJECT DISTRIBUTION	TRIPS					2025	2025	CLASS	LOS D						
ATLANTIC AVENUE	STATE ROAD 7	SITE	EB	2020	886	30%	24	5.00%	245	179	45	245	1131	1155	2	I	880	NO	4D	1960	
ATLANTIC AVENUE	SITE	LYONS ROAD	WB	2020	716	30%	9	5.00%	198	161	37	198	914	923	2	I	880	NO	4D	1960	
ATLANTIC AVENUE	LYONS ROAD	FLORIDA TURNPIKE	WB	2020	886	70%	22	5.00%	245	180	45	245	1131	1153	2	I	880	NO	4D	1960	
LYONS ROAD	BOYNTON BEACH BOULEVARD	FLAVOR PICT ROAD	SB	2020	716	70%	55	5.00%	198	163	37	200	916	971	2	I	880	NO	4D	1960	
LYONS ROAD	FLAVOR PICT ROAD	ATLANTIC AVENUE	SB	2019	1293	40%	32	4.14%	291	326	66	392	1685	1717	4D	I	1960	YES			
LYONS ROAD	BOYNTON BEACH BOULEVARD	ATLANTIC AVENUE	SB	2020	850	13%	10	6.74%	328	420	43	463	1313	1323	2	I	880	NO	4D	1960	
LYONS ROAD	FLAVOR PICT ROAD		SB	2019	900	15%	12	6.16%	388	554	55	609	1509	1521	2	I	880	NO	4D	1960	

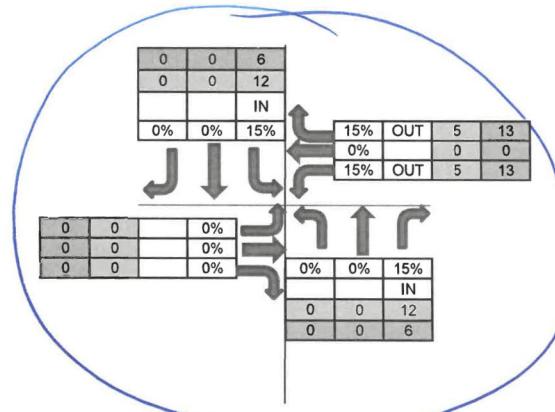
Notes:
Atlantic Avenue from SR 7 to Lyons Road and Lyons Road from Atlantic Avenue to Boynton Beach Boulevard is to be widened to 4 lanes in the FDOT and PBC 5-Year Work Program.

ADDITIONAL MAJOR PROJECT TRIPS

11/30/2020
Revised: 02/05/2021

CMA INTERSECTION ANALYSIS												
LEGENT DELRAY BEACH MUPD												
STATE ROAD 7 AT ATLANTIC AVENUE												
INPUT DATA												
Comments: TOTAL CONDITIONS WITH PROJECT AND IMPROVEMENTS												
Area Wide Growth Rate = 4.66% Peak Season = 1.00 Current Year = 2020 Buildout Year = 2025												
AM Peak Hour												
INTERSECTION VOLUME DEVELOPMENT												
Northbound			Southbound			Eastbound			Westbound			
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Existing Volume (2020)	184	694	397	417	1524	69	50	93	41	510	64	138
Peak Season Adjustment	0	0	0	0	0	0	0	0	0	0	0	0
Background Traffic Growth	47	177	102	107	390	18	13	24	10	130	16	35
1.0% Background Growth	9	35	20	21	78	4	3	5	2	26	3	7
Major Projects Traffic	0	52	104	69	28	0	0	0	0	79	0	67
Growth Used	47	177	102	107	390	18	13	24	10	130	16	35
Project Traffic	0	0	12	12	0	0	0	0	0	5	0	5
Total	231	871	511	536	1914	87	63	117	51	645	80	178
Approach Total	1,613			2,536			231			904		
CRITICAL VOLUME ANALYSIS												
No. of Lanes	1	3	1	2	3	1	1	2	1	2	2	2
Per Lane Volume	231	290	511	268	638	87	63	58	51	323	40	89
Right on Red				60		60			60			60
Overlaps Left				323		63			231			268
Adj. Per Lane Volume	231	290	128	268	638	0	63	58	0	323	40	0
Through/Right Volume				290		638			58			40
Opposing Left Turns				268		231			323			63
Critical Volume for Approach				558		869			381			103
Critical Volume for Direction						869			381			
Intersection Critical Volume						1,250						
STATUS?						NEAR						

TRIPS		
	IN	OUT
AM	79	31
PM	39	86



PM Peak Hour												
INTERSECTION VOLUME DEVELOPMENT												
Northbound			Southbound			Eastbound			Westbound			
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Existing Volume (2020)	114	1439	496	210	912	39	114	120	34	591	60	273
Peak Season Adjustment	0	0	0	0	0	0	0	0	0	0	0	0
Background Traffic Growth	29	368	127	54	233	10	29	31	9	151	15	70
1.0% Background Growth	6	73	25	11	47	2	6	6	2	30	3	14
Major Projects Traffic	0	79	103	68	91	0	0	0	0	103	0	58
Growth Used	29	368	127	54	233	10	29	31	9	151	15	70
Project Traffic	0	0	6	6	0	0	0	0	0	13	0	13
Total	143	1807	629	270	1145	49	143	151	43	755	75	356
Approach Total	2,579			1,464			337			1,186		
CRITICAL VOLUME ANALYSIS												
No. of Lanes	1	3	1	2	3	1	1	2	1	2	2	2
Per Lane Volume	143	602	629	135	382	49	143	75	43	378	38	178
Right on Red				60		60			60			60
Overlaps Left				378		143			143			135
Adj. Per Lane Volume	143	602	191	135	382	0	143	75	0	378	38	0
Through/Right Volume				602		382			75			38
Opposing Left Turns				135		143			378			143
Critical Volume for Approach				737		525			453			181
Critical Volume for Direction						737			453			
Intersection Critical Volume						1,190						
STATUS?						UNDER						

Notes: Improvements shown include improvements detailed in the FDOT plans for Atlantic Avenue and SR 7 widening.

ADDITIONAL MAJOR PROJECT TRIPS

ATLANTIC AVENUE MEDICAL

02/05/2021

TABLE 6
AM PEAK HOUR - TEST 1

1 MILE RADIUS OF DEVELOPMENT INFLUENCE
 TOTAL AM PEAK HOUR PROJECT TRIPS (ENTERING) = 35
 TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 10

ROADWAY	FROM	TO	DIRECTION	COUNT	YEAR	AM PEAK HOUR					TOTAL					MEETS LOS STD.	REQ. LANES	NEW LOS		
						AM PEAK TRAFFIC	HOUR DISTRIBUTION	PROJECT TRIPS	LINK RATE	LINK GROWTH	MAJOR PROJECT	1.0% GROWTH	BACKGROUND TRAFFIC USED	2025 BACKGROUND TRAFFIC	2025 TOTAL TRAFFIC	EXISTING LANES	CLASS	LOS D		
ATLANTIC AVENUE	STATE ROAD 7	SITE	EB	2020	886	30%	11	5.00%	245	179	45	245	1131	1142	2	I	880	NO	4D	1960
ATLANTIC AVENUE	SITE	LYONS ROAD	WB	2020	716	30%	3	5.00%	198	161	37	198	914	917	2	I	880	NO	4D	1960
			EB	2020	886	70%	7	5.00%	245	180	45	245	1131	1138	2	I	880	NO	4D	1960
			WB	2020	716	70%	25	5.00%	198	163	37	200	916	941	2	I	880	NO	4D	1960

Notes:
 Atlantic Avenue from SR 7 to Lyons Road to be widened to 4 lanes in the FDOT 5-Year Work Program.

ADDITIONAL MAJOR PROJECT TRIPS

02/05/2021

CMA INTERSECTION ANALYSIS
ATLANTIC AVENUE MEDICAL
STATE ROAD 7 AT ATLANTIC AVENUE

INPUT DATA

Comments: TOTAL CONDITIONS WITH PROJECT AND IMPROVEMENTS

Area Wide Growth Rate = 4.66% Peak Season = 1.00 Current Year = 2020 Buildout Year = 2025

AM Peak Hour

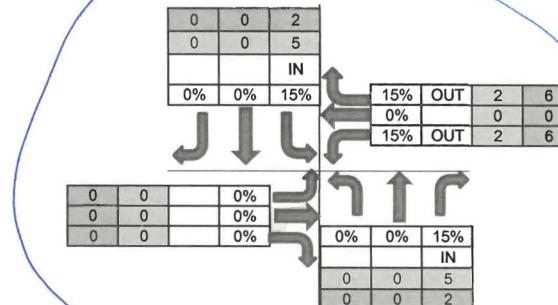
INTERSECTION VOLUME DEVELOPMENT

	Northbound			Southbound			Eastbound			Westbound		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volume (2020)	184	694	397	417	1524	69	50	93	41	510	64	138
Peak Season Adjustment	0	0	0	0	0	0	0	0	0	0	0	0
Background Traffic Growth	47	177	102	107	390	18	13	24	10	130	16	35
1.0% Background Growth	9	35	20	21	78	4	3	5	2	26	3	7
Major Projects Traffic	0	52	104	69	28	0	0	0	0	79	0	67
Growth Used	47	177	102	107	390	18	13	24	10	130	16	35
Project Traffic	0	0	5	5	0	0	0	0	0	2	0	2
Total	231	871	504	529	1914	87	63	117	51	642	80	175
Approach Total	1,606			2,529			231			898		

CRITICAL VOLUME ANALYSIS

No. of Lanes	1	3	1	2	3	1	1	2	1	2	2	2
Per Lane Volume	231	290	504	264	638	87	63	58	51	321	40	88
Right on Red			60			60			60			60
Overlaps Left			321			63			231			264
Adj. Per Lane Volume	231	290	122	264	638	0	63	58	0	321	40	0
Through/Right Volume									58			40
Opposing Left Turns								321				63
Critical Volume for Approach						555			380			103
Critical Volume for Direction												380
Intersection Critical Volume						869						
STATUS?							1,249					

	IN	OUT
AM	35	10
PM	15	41



PM Peak Hour

INTERSECTION VOLUME DEVELOPMENT

	Northbound			Southbound			Eastbound			Westbound		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volume (2020)	114	1439	496	210	912	39	114	120	34	591	60	273
Peak Season Adjustment	0	0	0	0	0	0	0	0	0	0	0	0
Background Traffic Growth	29	368	127	54	233	10	29	31	9	151	15	70
1.0% Background Growth	6	73	25	11	47	2	6	6	2	30	3	14
Major Projects Traffic	0	79	103	68	91	0	0	0	0	103	0	58
Growth Used	29	368	127	54	233	10	29	31	9	151	15	70
Project Traffic	0	0	2	2	0	0	0	0	0	6	0	6
Total	143	1807	625	266	1145	49	143	151	43	748	75	349
Approach Total		2,575			1,460			337			1,172	

CRITICAL VOLUME ANALYSIS

No. of Lanes	1	3	1	2	3	1	1	2	1	2	2	2
Per Lane Volume	143	602	625	133	382	49	143	75	43	374	38	174
Right on Red			60			60			60			60
Overlaps Left			374			143			143			133
Adj. Per Lane Volume	143	602	191	133	382	0	143	75	0	374	38	0
Through/Right Volume								75				38
Opposing Left Turns								374				143
Critical Volume for Approach						735			449			181
Critical Volume for Direction									449			
Intersection Critical Volume						735			449			
STATUS?							1,185					

Notes: Improvements shown include improvements detailed in the FDOT plans for Atlantic Avenue and SR 7 widening.