

# WEST DELRAY RV RESORT

10.11 ACRE FLUA

Palm Beach County, FL

## FUTURE LAND USE AMENDMENT APPLICATION TRAFFIC STATEMENT

PREPARED FOR:

Mr. Roger Fina  
10321 Atlantic Avenue  
Delray Beach, Florida 33446

JOB NO. 21-144B

DATE: 04/05/2024

REVISED: 06/06/2024

Anna Lai, Professional Engineer, State of Florida, License No. 78138

This item has been digitally signed and sealed by Anna Lai, P.E., PTOE, on  
06/06/24.

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Anna Lai  
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TEST 2 ANALYSIS: PROPOSED DEVELOPMENT

## 1.0 SITE DATA

The subject parcel is located on the north side of West Atlantic Avenue just west of State Road 7 in Palm Beach County, Florida and contains approximately 10.11 acres. The Property Control Number (PCN) for the subject parcel is 00-41-46-13-00-000-7010.

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 10.11 acre parcel's designation to Commercial Recreation (CR) with underlying Agricultural Reserve (AGR) 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.

## 2.0 TRAFFIC GENERATION

The increase in daily traffic generation due to the requested change in the 10.11 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 CR/AGR future land use designation:

### AGR

The most intensive land use for the existing AGR land use designation are "Nursery (Garden Center)" and "Nursery (Wholesale)". Based on the site area consisting of 10.11 acres, the maximum allowable space under the existing AGR land use designation is 5 acres of Nursery Garden Center and 5.11 acres of Nursery Wholesale.

### Nursery Garden Center (5 Acres) and Nursery Wholesale (5.11 Acres)

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, 11th Edition and provided by the Palm Beach County Engineering Traffic Division. Based on the current acreage and the accepted traffic generation rates for garden center nursery and wholesale nursery development, 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	=	641 tpd
AM Peak Hour Traffic Generation (In/Out)	=	15 pht (8 In/7 Out)
PM Peak Hour Traffic Generation (In/Out)	=	42 pht (21 In/21 Out)

## 2.0 TRAFFIC GENERATION (CONTINUED)

### CR/AGR

The most intensive land use under the proposed CR/AGR land use designation is "Recreational Community Center". Based on a maximum floor area ratio (FAR) of 5 percent and the site area consisting of 10.11 acres, the maximum allowable building square footage for the designated acreage under the proposed CR/AGR land use designation is 22,020 SF calculated as follows:

$$10.11 \text{ Acre} \times \frac{43,560 \text{ SF}}{\text{Acre}} \times 0.05 = 22,020 \text{ SF}$$

### Recreational Community Center (22,020 SF)

Table 2 (in Appendix A) calculates the daily traffic generation, AM peak hour traffic generation, and PM peak hour traffic generation for the property under the proposed CR/AGR land use designation. The proposed traffic generation for the property under the proposed CR/AGR land use designation may be summarized as follows:

#### Proposed Future Land Use – Maximum Potential

Daily Traffic Generation	=	635 tpd
AM Peak Hour Traffic Generation (In/Out)	=	42 pht (28 In/14 Out)
PM Peak Hour Traffic Generation (In/Out)	=	55 pht (26 In/29 Out)

Note the above trip generation calculations are provided for informational purposes only. Tables 2-5 with calculations for the maximum potential for the proposed future land use are included in Appendix A.

Table 6 calculates the traffic generation for the actual proposed development (the land use trip generation rates are included in Appendix B and the Table 6 is included in Appendix C).

#### Proposed Future Land Use – Actual Proposed Development

Daily Traffic Generation	=	397 tpd
AM Peak Hour Traffic Generation (In/Out)	=	25 pht (9 In/16 Out)
PM Peak Hour Traffic Generation (In/Out)	=	33 pht (21 In/12 Out)

The change in traffic generation due to the requested change in the parcels' land use designations may be calculated as follows (as shown in Table 7 in Appendix C):

#### Net Trip Difference

Daily Traffic Generation	=	244 tpd DECREASE
AM Peak Hour Traffic Generation (In/Out)	=	10 pht INCREASE
PM Peak Hour Traffic Generation (In/Out)	=	9 pht DECREASE

### 3.0 RADIUS OF DEVELOPMENT INFLUENCE

Based on Table 3.5-1 of the Palm Beach County Comprehensive Plan for a total trip generation decrease of 244 trips per day, an analysis is not required for Year 2045. 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 33 peak hour trips, the radius of development influence for purposes of Test 2 shall be 0.5 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 the proposed land uses under the proposed CR/AGR land use designation.

### 5.0 YEAR 2045 ANALYSIS

Based on Table 3.5-1 of the Palm Beach County Comprehensive Plan for a total trip generation decrease of 244 trips per day, an analysis is not required for Year 2045.

### 6.0 TEST 2 – FIVE YEAR ANALYSIS

Tables 8 and 9 (Appendix C) represents the required Test 2 Five Year Analysis for the AM and PM peak hours. As shown in Tables 8 and 9, all roadway links are insignificant. Therefore, the proposed land use change meets the requirements of Test 2 of the Palm Beach County Traffic Performance Standards.

### 7.0 PEAK HOUR TURNING MOVEMENTS

The total AM and PM peak hour turning movements for the project under the proposed CR/AGR land use designation have been calculated in Table 6 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 CR/AGR land use designation may be summarized as follows:

	<b>Directional Distribution (Trips In/Out)</b>
AM Peak Hour	= 9 / 16
PM Peak Hour	= 21 / 12

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 may 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.

## 8.0 CONCLUSION

As previously mentioned, this proposed future land use plan designation modification will result in an increase in intensity of development and will not significantly impact any roadway segment that is projected to be operating above the adopted Level of Service on the Year 2045 Transportation System Plan. Additionally, all roadway links meet 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.

**TABLE 1  
EXISTING AGR FUTURE LAND USE DESIGNATION - 10.11 ACRE NURSERY  
MAXIMUM POTENTIAL**

**Daily Traffic Generation**

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split		Gross Trips			Internalization				External Trips			Pass-by		Net Trips			
					In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	%	Trips	In	Out	Total	
Nursery (Garden Center)	817	5.0	Acre	108.10			541					0			541			0%	0			541
Nursery (Wholesale)	818	5.11	Acre	19.50			100					0			100			0%	0			100
<b>Grand Totals:</b>							<b>641</b>					<b>0.0%</b>	<b>0</b>		<b>641</b>			<b>0%</b>	<b>0</b>			<b>641</b>

**AM Peak Hour Traffic Generation**

Landuse	ITE Code	Intensity		Rate/Equation	Dir Split		Gross Trips			Internalization				External Trips			Pass-by		Net Trips		
					In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	In	Out	Total		
Nursery (Garden Center)	817	5.0	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)	818	5.11	Acre	0.23	0.50	0.50	1	0	1	0.0%	0	0	0	1	0	1	0%	0	1	0	1
<b>Grand Totals:</b>							<b>8</b>	<b>7</b>	<b>15</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>7</b>	<b>15</b>	<b>0%</b>	<b>0</b>	<b>8</b>	<b>7</b>	<b>15</b>

**PM Peak Hour Traffic Generation**

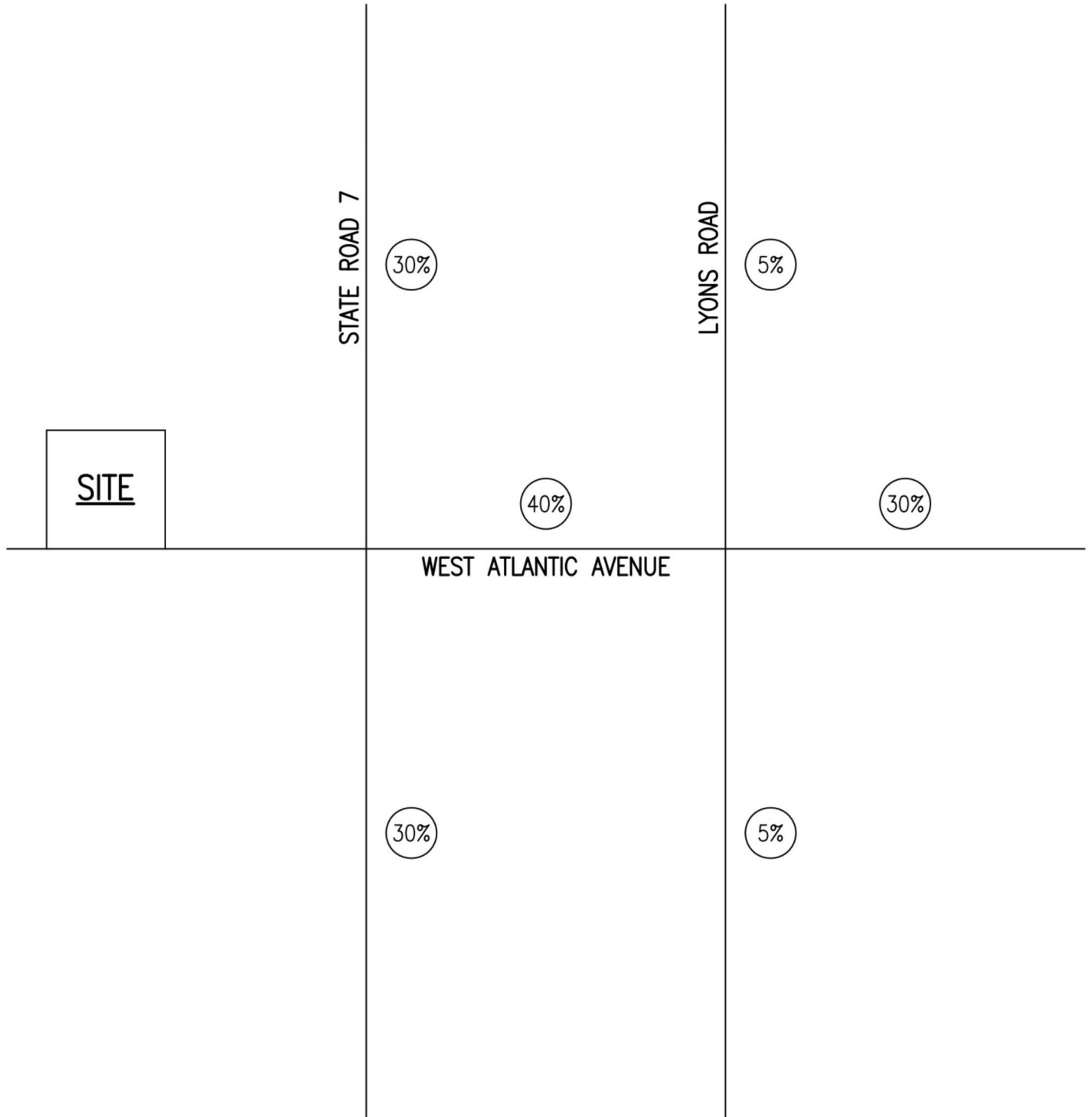
Landuse	ITE Code	Intensity		Rate/Equation	Dir Split		Gross Trips			Internalization				External Trips			Pass-by		Net Trips		
					In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	In	Out	Total		
Nursery (Garden Center)	817	5.0	Acre	8.06	0.50	0.50	20	20	40	0.0%	0	0	0	20	20	40	0%	0	20	20	40
Nursery (Wholesale)	818	5.1	Acre	0.36	0.50	0.50	1	1	2	0.0%	0	0	0	1	1	2	0%	0	1	1	2
<b>Grand Totals:</b>							<b>21</b>	<b>21</b>	<b>42</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>21</b>	<b>42</b>	<b>0%</b>	<b>0</b>	<b>21</b>	<b>21</b>	<b>42</b>





# SIMMONS & WHITE

2581 Metrocentre Blvd West, Ste 3 | West Palm Beach, FL 33407  
Authorization # 3452 | 561.478.7848



**FIGURE 1**  
**PROJECT DISTRIBUTION**

**LEGEND**

30% PROJECT DISTRIBUTION

**WEST DELRAY**  
**RV RESORT**

21-144 BK 04-05-24



# APPENDIX A

## TEST 2 ANALYSIS: MAXIMUM POTENTIAL

**TABLE 2  
PROPOSED CR/AGR FUTURE LAND USE DESIGNATION - 22,020 SF RECREATIONAL COMMUNITY CENTER  
MAXIMUM POTENTIAL**

**Daily Traffic Generation**

Landuse	ITE Code	Intensity	Rate/Equation	Dir Split		Gross Trips	Internalization			External Trips	Pass-by		Net Trips
				In	Out		%	Total			%	Trips	
Recreational Community Center	495	22,020	S.F.	28.82			635		0	635	0%	0	635
<b>Grand Totals:</b>						<b>635</b>	<b>0.0%</b>	<b>0</b>		<b>635</b>	<b>0%</b>	<b>0</b>	<b>635</b>

**AM Peak Hour Traffic Generation**

Landuse	ITE Code	Intensity	Rate/Equation	Dir Split		Gross Trips			Internalization				External Trips			Pass-by		Net Trips			
				In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	%	Trips	In	Out	Total	
Recreational Community Center	495	22,020	S.F.	1.91	0.66	0.34	28	14	42	0.0%	0	0	0	28	14	42	0%	0	28	14	42
<b>Grand Totals:</b>						<b>28</b>	<b>14</b>	<b>42</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>	<b>14</b>	<b>42</b>	<b>0%</b>	<b>0</b>	<b>28</b>	<b>14</b>	<b>42</b>	

**PM Peak Hour Traffic Generation**

Landuse	ITE Code	Intensity	Rate/Equation	Dir Split		Gross Trips			Internalization				External Trips			Pass-by		Net Trips			
				In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	%	Trips	In	Out	Total	
Recreational Community Center	495	22,020	S.F.	2.50	0.47	0.53	26	29	55	0.0%	0	0	0	26	29	55	0%	0	26	29	55
<b>Grand Totals:</b>						<b>26</b>	<b>29</b>	<b>55</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>29</b>	<b>55</b>	<b>0%</b>	<b>0</b>	<b>26</b>	<b>29</b>	<b>55</b>	

# WEST DELRAY RV RESORT

06/06/24

**TABLE 3**  
**TRAFFIC GENERATION DIFFERENCE**

	DAILY	AM PEAK HOUR			PM PEAK HOUR		
		TOTAL	IN	OUT	TOTAL	IN	OUT
<b>EXISTING FUTURE LAND USE DESIGNATION =</b>	641	15	8	7	42	21	21
<b>PROPOSED FUTURE LAND USE DESIGNATION* =</b>	635	42	28	14	55	26	29
<b>INCREASE =</b>	<b>-6</b>	<b>27</b>	<b>20</b>	<b>7</b>	<b>13</b>	<b>5</b>	<b>8</b>

\* Maximum potential: 22,020 SF recreational community center.

**TABLE 4**  
**TEST 2 - PROJECT SIGNIFICANCE CALCULATION**  
**MAXIMUM POTENTIAL - 22,020 SF RECREATIONAL COMMUNITY CENTER**  
**AM PEAK HOUR**

TEST 2 - FIVE YEAR ANALYSIS

1 MILE RADIUS

TOTAL AM PEAK HOUR PROJECT TRIPS (ENTERING) = 28

TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 14

ROADWAY	FROM	TO	DIRECTION	AM PEAK HOUR DIRECTIONAL			EXISTING LANES	CLASS	LOS E STANDARD	TOTAL PROJECT IMPACT	PROJECT SIGNIFICANT
				PROJECT DISTRIBUTION	PROJECT TRIPS						
STATE ROAD 7	LEE ROAD	ATLANTIC AVENUE	NB	30%	8	4D	UNI	3760	0.22%	NO	
			SB	30%	8	4D	UNI	3760	0.22%	NO	
STATE ROAD 7	ATLANTIC AVENUE	WINNERS CIRCLE	NB	30%	8	4D	I	1960	0.43%	NO	
			SB	30%	8	4D	I	1960	0.43%	NO	
ATLANTIC AVENUE	SR 7	LYONS ROAD	EB	40%	11	4D	I	1960	0.57%	NO	
			WB	40%	11	4D	I	1960	0.57%	NO	

**TABLE 5**  
**TEST 2 - PROJECT SIGNIFICANCE CALCULATION**  
**MAXIMUM POTENTIAL - 22,020 SF RECREATIONAL COMMUNITY CENTER**  
**PM PEAK HOUR**

TEST 2 - FIVE YEAR ANALYSIS

1 MILE RADIUS

TOTAL PM PEAK HOUR PROJECT TRIPS (ENTERING) = 26

TOTAL PM PEAK HOUR PROJECT TRIPS (EXITING) = 29

ROADWAY	FROM	TO	DIRECTION	PM PEAK HOUR DIRECTIONAL			EXISTING LANES	CLASS	LOS E STANDARD	TOTAL PROJECT IMPACT	PROJECT SIGNIFICANT
				PROJECT DISTRIBUTION	PROJECT TRIPS						
STATE ROAD 7	LEE ROAD	ATLANTIC AVENUE	NB	30%	9	4D	UNI	3760	0.23%	NO	
			SB	30%	9	4D	UNI	3760	0.23%	NO	
STATE ROAD 7	ATLANTIC AVENUE	WINNERS CIRCLE	NB	30%	9	4D	I	1960	0.44%	NO	
			SB	30%	9	4D	I	1960	0.44%	NO	
ATLANTIC AVENUE	SR 7	LYONS ROAD	EB	40%	12	4D	I	1960	0.59%	NO	
			WB	40%	12	4D	I	1960	0.59%	NO	



# APPENDIX B

## RECREATIONAL VEHICLE PARK TRIP GENERATION RATES



**Transportation Consultants**



2005 Vista Parkway, Suite 11  
West Palm Beach, FL 33411-670  
(561) 296-9698 Fax (561) 684-633  
Certificate of Authorization Number: 798

May 14, 2013

Mr. Dan Weisberg, P.E.  
Palm Beach County Traffic Division  
2300 North Jog Road, 3<sup>rd</sup> Floor  
West Palm Beach, FL 33411-3745

**Re: Jupiter Motor Coach Resort- #PTC13-029**

Dear Mr. Weisberg:

The purpose of this letter is to provide a traffic statement for the above referenced project to determine if the proposed development meets the requirements of the Article 12, Traffic Performance Standards, of the Palm Beach County Unified Land Development Code (ULDC). It is proposed to develop a 100-site Recreational Vehicle Resort located on the north side of Indiantown Road approximately 1.1 miles west of Jupiter Farms Road as shown on Exhibit 1. The 17-acre site currently has one single family home which was built in 1986. It will be removed to accommodate the proposed development. The buildout of the site is projected to be 2017. The Property Control Number (PCN) is: 00-41-40-35-01-024-0010.

Exhibit 2 provides the daily, AM and PM peak hour trip generation data for the existing and proposed land uses. Based on the net peak hour trip generation of 25 trips, the radius of development influence is one-half (1/2) mile.

A project traffic distribution map is provided on Exhibit 3A. Exhibit 3B shows the assignment of peak hour project traffic as well as the project impact percentage (% of peak hour directional service volume.) The maximum percent impact on the roadway links is 0.78% as shown on Exhibit 3B. The project impact is insignificant (below 1% of the adopted LOS D service volume). Therefore, intersection and link analyses are not required, and the requirements of Test 1 are met. The project does not have a Test 2 impact. Therefore, the proposed project is in compliance with the Countywide Traffic Performance Standards.

The site driveway provides a right-in / right-out access to Indiantown Road. Driveway volumes are provided on Exhibit 4. Auxiliary turn lanes are not required.

If you have any questions, please do not hesitate to contact this office.

Sincerely,

*Rebecca J. Mulcahy*  
Rebecca J. Mulcahy, P.E.  
Florida Registration #42570  
5/14/13

Attachments

cc: Roy Vander Putten



SITE



ALEXANDER RUN

JUPITER FARMS ROAD

TURNPIKE  
I-95

JUPITER MOTOR  
COACH RESORT

EXHIBIT 1  
PROJECT LOCATION

5/10/13  
13-029

**PTC**

**Exhibit 2**  
**Jupiter Motor Coach Resort**  
**Trip Generation**

Daily - Existing

Land Use	ITE Code	Intensity	Trip Generation Rate (1)	Total Trips	Pass-by Trips (1)	New Trips
Residential Single Family	210	1 DU	10 /DU	10	- 0%	10
<b>TOTALS</b>				10	-	10

Daily - Proposed

Land Use	ITE Code	Intensity	Trip Generation Rate (1)	Total Trips	Pass-by Trips (1)	New Trips
RV Park	416	100 Camp Sites	3.28 /Camp Site (2)	328	- 0%	328
<b>TOTALS</b>				328	-	328

<b>Net Trips</b>	318
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AM Peak Hour - Existing

Land Use	ITE Code	Intensity	Trip Generation Rate (1)	Total Trips			Pass-by Trips (1)	New Trips		
				In	Out	Trips		In	Out	Trips
Residential Single Family	210	1 DU	0.75 /DU (25/75)	-	1	1	- 0%	-	1	1
<b>TOTALS</b>				-	1	1	-	-	1	1

AM Peak Hour - Proposed

Land Use	ITE Code	Intensity	Trip Generation Rate (1)	Total Trips			Pass-by Trips (1)	New Trips		
				In	Out	Trips		In	Out	Trips
RV Park	416	100 Camp Sites	0.21 /Camp Site(36/64)	8	13	21	- 0%	8	13	21
<b>TOTALS</b>				8	13	21	-	8	13	21

<b>Net Trips</b>	8	12	20
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PM Peak Hour - Existing

Land Use	ITE Code	Intensity	Trip Generation Rate (1)	Total Trips			Pass-by Trips (1)	New Trips		
				In	Out	Trips		In	Out	Trips
Residential Single Family	210	1 DU	$Ln(T) = 0.90Ln(X) + 0.51(63/37)$	1	1	2	- 0%	1	1	2
<b>TOTALS</b>				1	1	2	-	1	1	2

PM Peak Hour - Proposed

Land Use	ITE Code	Intensity	Trip Generation Rate (1)	Total Trips			Pass-by Trips (1)	New Trips		
				In	Out	Trips		In	Out	Trips
RV Park	416	100 Camp Sites	0.27 /Camp Site(65/35)	18	9	27	- 0%	18	9	27
<b>TOTALS</b>				18	9	27	-	18	9	27

<b>Net Trips</b>	17	8	25
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(1) Source: Palm Beach County and Institute of Transportation Engineers (ITE), *Trip Generation*, 9th Edition.

(2) No trip generation data available, therefore applied ITE peak hour to daily ratio for recreational home (ITE 260) to determine the daily rate from the PM rate for Campground/RV Park.

ITE 416 Daily	3.28
ITE 416 PM Peak	0.27
ITE 260 Daily	3.16
ITE 260 PM Peak	0.26



JUPITER MOTOR  
COACH RESORT

EXHIBIT 3A  
PROJECT TRAFFIC DISTRIBUTION

5/10/13  
13-029

**PTC**

**Exhibit 3B**  
**Jupiter Motor Coach Resort**  
**Project Traffic Assignment**

**AM Peak Hour**

Roadway	Link	Lanes	Class	Dir	Project Traffic		Total Project Impact	LOS D Service Vol. (1)	Significant Impact?
					% Dist.	Pk Hour Trips			
Indiantown Road	Alexander Run to Site	4LD	I	EB	10%	1	0.04%	1960	No
				WB	10%	1	0.06%	1960	No
	Site to Jupiter Farms Road	4LD	I	EB	90%	11	0.55%	1960	No
				WB	90%	6	0.32%	1960	No

**PM Peak Hour**

Roadway	Link	Lanes	Class	Dir	Project Traffic		Total Project Impact	LOS D Service Vol. (1)	Significant Impact?
					% Dist.	Pk Hour Trips			
Indiantown Road	Alexander Run to Site	4LD	I	EB	10%	2	0.09%	1960	No
				WB	10%	1	0.04%	1960	No
	Site to Jupiter Farms Road	4LD	I	EB	90%	7	0.37%	1960	No
				WB	90%	15	0.78%	1960	No

(1) Source: 2009 FDOT Quality / LOS Handbook.



**SITE**

328

↑13 (9)

↑8 (18)

INDIANTOWN ROAD

**LEGEND**

- 8 - AM PEAK HOUR
- (18) - PM PEAK HOUR
- 328 - ADT

5/10/13  
13-029

JUPITER MOTOR  
COACH RESORT

EXHIBIT 4  
PROJECT DRIVEWAY VOLUMES

**PTC**



# APPENDIX C

## TEST 2 ANALYSIS: PROPOSED DEVELOPMENT

**WEST DELRAY RV RESORT**

04/05/24  
Revised 06/06/24

**TABLE 6  
PROPOSED CR/AGR FUTURE LAND USE DESIGNATION  
ACTUAL PROPOSED DEVELOPMENT**

**Daily Traffic Generation**

Landuse	ITE Code	Intensity	Rate/Equation	Dir Split		Gross Trips	Internalization			External Trips	Pass-by		Net Trips	
				In	Out		%	Total			%	Trips		
Recreational Vehicle Park*	416	121	Camp Sites	3.28			397	0.0%	0		397	0%	0	397
<b>Grand Totals:</b>						<b>397</b>	<b>0.0%</b>	<b>0</b>		<b>397</b>	<b>0%</b>	<b>0</b>	<b>397</b>	

**AM Peak Hour Traffic Generation**

Landuse	ITE Code	Intensity	Rate/Equation	Dir Split		Gross Trips			Internalization				External Trips			Pass-by		Net Trips			
				In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	%	Trips	In	Out	Total	
Recreational Vehicle Park*	416	121	Camp Sites	0.21	0.36	0.64	9	16	25	0.0%	0	0	0	9	16	25	0%	0	9	16	25
<b>Grand Totals:</b>						<b>9</b>	<b>16</b>	<b>25</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>16</b>	<b>25</b>	<b>0%</b>	<b>0</b>	<b>9</b>	<b>16</b>	<b>25</b>	

**PM Peak Hour Traffic Generation**

Landuse	ITE Code	Intensity	Rate/Equation	Dir Split		Gross Trips			Internalization				External Trips			Pass-by		Net Trips			
				In	Out	In	Out	Total	%	In	Out	Total	In	Out	Total	%	Trips	In	Out	Total	
Recreational Vehicle Park*	416	121	Camp Sites	0.27	0.65	0.35	21	12	33	0.0%	0	0	0	21	12	33	0%	0	21	12	33
<b>Grand Totals:</b>						<b>21</b>	<b>12</b>	<b>33</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>12</b>	<b>33</b>	<b>0%</b>	<b>0</b>	<b>21</b>	<b>12</b>	<b>33</b>	

**Notes:**

\* Trip generation based on the rates in the Palm Beach County approved Jupiter Motor Coach Resort Traffic Statement by Pinder Troutman dated May 14, 2013 (included in Appendix A).

# WEST DELRAY RV RESORT

04/05/24  
Revised 06/06/24

**TABLE 7**  
**TRAFFIC GENERATION DIFFERENCE**

	DAILY	AM PEAK HOUR			PM PEAK HOUR		
		TOTAL	IN	OUT	TOTAL	IN	OUT
EXISTING FUTURE LAND USE DESIGNATION =	641	15	8	7	42	21	21
PROPOSED FUTURE LAND USE DESIGNATION* =	397	25	9	16	33	21	12
INCREASE =	-244	10	1	9	-9	0	-9

\* Actual proposed development.



**TABLE 8**  
**TEST 2 - PROJECT SIGNIFICANCE CALCULATION**  
**PROPOSED DEVELOPMENT PLAN**  
**AM PEAK HOUR**

TEST 2 - FIVE YEAR ANALYSIS

0.5 MILE RADIUS

TOTAL AM PEAK HOUR PROJECT TRIPS (ENTERING) = 9

TOTAL AM PEAK HOUR PROJECT TRIPS (EXITING) = 16

ROADWAY	FROM	TO	DIRECTION	AM PEAK HOUR DIRECTIONAL		EXISTING LANES	CLASS	LOS E STANDARD	TOTAL PROJECT IMPACT	PROJECT SIGNIFICANT
				PROJECT DISTRIBUTION	PROJECT TRIPS					
STATE ROAD 7	LEE ROAD	ATLANTIC AVENUE	NB	30%	5	4D	UNI	3760	0.13%	NO
			SB	30%	5	4D	UNI	3760	0.13%	NO
STATE ROAD 7	ATLANTIC AVENUE	WINNERS CIRCLE	NB	30%	5	4D	I	1960	0.24%	NO
			SB	30%	5	4D	I	1960	0.24%	NO
ATLANTIC AVENUE	SR 7	LYONS ROAD	EB	40%	6	4D	I	1960	0.33%	NO
			WB	40%	6	4D	I	1960	0.33%	NO

**TABLE 9**  
**TEST 2 - PROJECT SIGNIFICANCE CALCULATION**  
**PROPOSED DEVELOPMENT PLAN**  
**PM PEAK HOUR**

**TEST 2 - FIVE YEAR ANALYSIS**

**0.5 MILE RADIUS**

**TOTAL PM PEAK HOUR PROJECT TRIPS (ENTERING) = 21**

**TOTAL PM PEAK HOUR PROJECT TRIPS (EXITING) = 12**

ROADWAY	FROM	TO	DIRECTION	PM PEAK HOUR DIRECTIONAL		EXISTING LANES	CLASS	LOS E STANDARD	TOTAL PROJECT IMPACT	PROJECT SIGNIFICANT
				PROJECT DISTRIBUTION	PROJECT TRIPS					
STATE ROAD 7	LEE ROAD	ATLANTIC AVENUE	NB	30%	6	4D	UNI	3760	0.17%	NO
			SB	30%	6	4D	UNI	3760	0.17%	NO
STATE ROAD 7	ATLANTIC AVENUE	WINNERS CIRCLE	NB	30%	6	4D	I	1960	0.32%	NO
			SB	30%	6	4D	I	1960	0.32%	NO
ATLANTIC AVENUE	SR 7	LYONS ROAD	EB	40%	8	4D	I	1960	0.43%	NO
			WB	40%	8	4D	I	1960	0.43%	NO