# Future Land Use Amendment Traffic Analysis

## Town Place City of Port St. Lucie, FL

Prepared for: HJA Design Studio Stuart, Florida 34994

Prepared by:



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#### **EXECUTIVE SUMMARY**

MacKenzie Engineering and Planning, Inc. (MEP) was retained to evaluate the changes in the Future Land Use (FLU) for the development located at 18.51 acres located at 998 SE Town Place Boulevard, Port St. Lucie, FL (PCN: 3426-341-0001-000-2). The applicant proposes to change 6.60 acres of Medium Density Residential (RM) and 11.91 acres of Commercial (CG) to 18.51 acres of RH and CG.

#### Future Land Use – Maximum Net Increase in External Trips

The future land use amendment trip generation resulting change is -2,843 daily, 13 AM peak hour (-12 in/25 out), and -297 PM peak hour (-136 in/-161 out) trips.

The proposed FLU amendment has no impact upon transportation infrastructure. The project satisfies the Public Facilities Transportation Impacts of a FLU Amendment within the City of Port St. Lucie Comprehensive Plan.

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### INTRODUCTION

A future land use amendment is proposed on 18.51 acres located at 998 SE Town Place Boulevard, Port St. Lucie, FL (PCN: 3426-341-0001-000-2). The future land use (FLU) amendment traffic analysis will examine the impacts of changing 6.60 acres of Medium Density Residential (RM) and 11.91 acres of Commercial (CG) to 18.51 acres of High Density Residential (RH) and Commercial (CG).

The proceeding analysis will examine the ability of the existing roadway network to accommodate the increased demand and the future roadway network to accommodate the increased demand.

Table 1. Future Land Use Change

Parcel ID	Existing FLU Land Use	Size (Acres)	Proposed FLU Land Use	Size (Acres)
3426-341-0001-000-2	Medium  Density  Residential	6.60 (11 DU/Acres)	High Density Residential	18.51 (15 DU/Acres)
	Commercial General	11.91	Commercial General	4.50



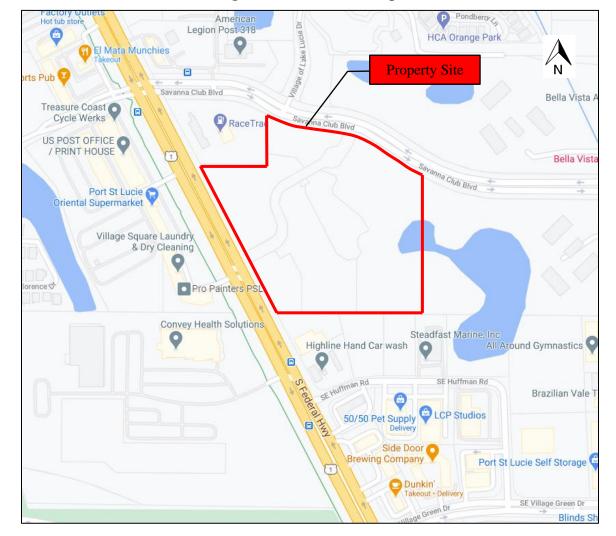


Figure 1. Site Location Map

#### **CURRENT DATA**

The information contained below was used to develop the foregoing future land use traffic analysis.

- Trip Generation, 10<sup>th</sup> Edition (ITE report)
- Comprehensive Plan



#### FUTURE LAND USE CHANGE ANALYSIS

### **Trip Generation**

The study uses trip generation rates for Medium Density Residential & High Density Residential (ITE Land Use 221 – Multifamily Housing (Mid-Rise)) and Commercial (ITE Land Use 820 - Shopping Center) published in the Institute of Transportation Engineers' (ITE) report, *Trip Generation* (10th Edition). The proposed development plan consists of the following:

#### Existing Future Land Use

The existing future land use uses the most intense reasonable maximum development scenario based on the existing land development regulations. The 11.91 acres CG property uses Shopping Center use with the maximum coverage ratio (40%). The 6.60 acres Medium Density Residential FLU uses Multi-Family (Mid-Rise) with a maximum density of 11 units per acre. Therefore, the maximum expected intensity with respect to traffic is 207,520 square feet of commercial use 73 DUs.

- 207,520 SF Commercial General (ITE Land Use 820) (11.91 x 43,560 x 40%)
- 73 DUs Medium Density Residential (ITE Land Use 220) (6.60 x 11 DU/Acre)

The existing FLU is expected to generate the following net external trips:

6,663 daily, 204 AM peak hour (113 in/91 out), and 628 PM peak hour (306 in/322 out) trips.



#### Proposed Future Land Use

The proposed FLU uses the most intense reasonable maximum development scenario. The 18.51 acres property is proposed to allow 4.5 acres of CG and 18.51 acres of RH across the property. The CG FLU has a maximum coverage area of 40 percent and the High Density Residential FLU has a maximum density of 15 homes per acre. Based on the area and intensity, the maximum buildable intensity is 78,408 SF of commercial use and 277 DUs.

- 78,408 SF Commercial General (ITE Land Use 820) (4.5 x 43,560 x 40%)
- 277 DUs High Density Residential (ITE Land Use 221) (18.51 x 15 DU/Acre)

The proposed FLU is expected to generate the following net external trips:

• 3,820 daily, 217 AM peak hour (101 in/116 out), and 331 PM peak hour (170 in/161 out) trips.

#### Net Impact

The difference between the maximum trip generation potential of the existing future land use and the proposed future land use was examined to determine the maximum (worst case/conservative) impact to the existing and future roadway network. Table 2 displays the resulting trip generation.

The resulting net external trips change is:

• -2,843 daily, 13 AM peak hour (-12 in/25 out), and -297 PM peak hour (-136 in/-161 out) trips.

The net daily and PM peak hour impact of the change is less than 0 peak hour trips as a result of the proposed land use amendment from CG/RM to CG/RH. The proposed FLU amendment has no impact upon transportation infrastructure.



Table 2. Future Land Use Trip Generation

Land Use			Int	ensity	Daily	AM Peak Hour		PM Peak Hour			
					Trips	Total	In	Out	Total	In	Out
Existing FLU Traffic											
Shopping Cent			207.520	1000 SF	9,877	256	159	97	933	448	485
Multifamily Ho	ousing(Low-	-Rise)	73	DU	511	35	8	27	45	28	17
		Subtotal			10,388	291	167	124	978	476	502
Internal Capture			AM	PM/DAILY							
Shopping Cent	er		0.0%	2.1%	212	0	0	0	20	7	13
Multifamily Ho		-Rise)	0.0%	44.4%	227	0	0	0	20	13	7
		Subtotal	0.0%	4.1%	439	0	0	0	40	20	20
Pass-By Traffic											
Shopping Cent			34.0%		3,286	87	54	33	310	150	160
Multifamily Ho	ousing(Low-	-Rise)	0.0%		0	0	0	0	0	0	0
		Subtotal			3,286	87	54	33	310	150	160
			NET EXIS	TING TRIPS	6,663	204	113	91	628	306	322
		Total Exi	sting Drive	way Volumes	9,949	291	167	124	938	456	482
Proposed FLU Traffic											
Shopping Cent			78.408	1000 SF	5,095	191	118	73	454	218	236
Multifamily Ho	ousing(Mid-	Rise)	277	DU	1,508	93	24	69	118	72	46
		Subtotal			6,603	284	142	142	572	290	282
Internal Capture			AM	PM/DAILY							
Shopping Cent	er		0.5%	11.5%	584	1	1	0	52	19	33
Multifamily Ho	ousing(Mid-	Rise)	1.1%	44.1%	665	1	0	1	52	33	19
		Subtotal	0.7%	18.2%	1,249	2	1	1	104	52	52
Pass-By Traffic											
Shopping Cent	er		34.0%		1,534	65	40	25	137	68	69
Multifamily Ho		Rise)	0.0%		0	0	0	0	0	0	0
	8(	Subtotal			1,534	65	40	25	137	68	69
				OSED TRIPS	3,820	217	101	116	331	170	161
				way Volumes	5,354	282	141	141	468	238	230
NET CH	ANGE IN		R THE PU	RPOSES OF CURRENCY)	(2,843)	13	(12)	25	(297)	(136)	(161)
	NET CH	ANGE IN I	ORIVEWAY	Y VOLUMES	(4,595)	(9)	(26)	17	(470)	(218)	(252)
Note: Trip generation w	as calculate	ed using the	following dat	a:			•			•	•
1 212	ITE C :	11. 9		L.D.t.	Pass-by		AM Peak Ho	-	in t	PM Peak Ho	
Land Use	ITE Code	Unit		ly Rate	Rate	in/out		ate	in/out	<u> </u>	ation
Shopping Center	820	1000 SF	Ln(T) = 0.6	8 Ln(X) + 5.57	34%	62/38	`	) + 151.78	48/52	` '	Ln(X) + 2.89
Multifamily Housing(Mid- Rise)	221	DU	T = 5.45	(X) + -1.75	0%	26/74	Ln(T) = 0.9	98 Ln(X) + - 98	61/39	Ln(T) = 0.9 0.6	96 Ln(X) + - 63

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### Internal Capture

The internal capture is summarized in Exhibit 1A and detailed in Exhibits 1B - 1E for existing and proposed conditions. Internal capture rates are provided in the Trip Generation Handbook, 3rd Edition, Table 7.1.

### Pass-by Trip Capture

Pass-by rate is based on ITE's report, *Trip Generation Handbook* (3<sup>rd</sup> Edition).



#### **CONCLUSION**

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### **APPENDICES**

## EXHIBIT 1A TOWN PLACE

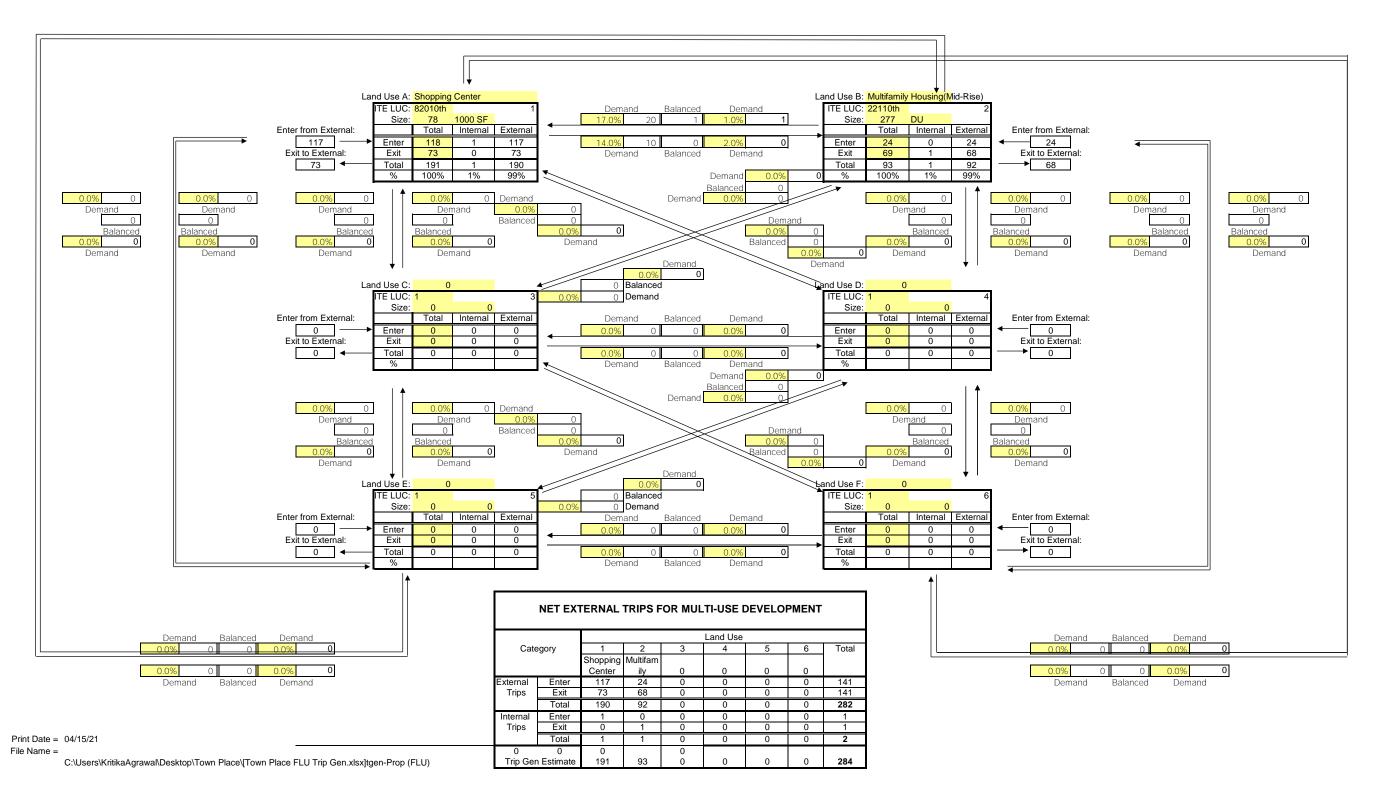
#### **Future Land Use Trip Generation**

Land Use			Int	ensity	Daily	A	M Peak H	our		PM Peak Ho	ur
				-	Trips	Total	In	Out	Total	In	Out
Existing FLU Traffic											
Shopping Cen	ter		207.520	1000 SF	9,877	256	159	97	933	448	485
Multifamily H		Rise)	73	DU	511	35	8	27	45	28	17
	<b>.</b> .	Subtotal		-	10,388	291	167	124	978	476	502
		Subiotai			10,366	291	107	124	976	470	302
Internal Capture			AM	PM/DAILY							
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		Total E	xisting Driv	eway Volumes	9,949	291	167	124	938	456	482
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Multifamily H	ousing(Mid-	Rise)	277	DU	1,508	93	24	69	118	72	46
•		Subtotal			6,603	284	142	142	572	290	282
Internal Content			434	DM/DAILV							
Internal Capture			AM	PM/DAILY	504			0	50	10	22
Shopping Cen			0.5%	11.5%	584	1	1	0	52	19	33
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		Subtotal	0.7%	18.2%	1,249	2	1	1	104	52	52
Pass-By Traffic											
Shopping Cen	ter		34.0%		1,534	65	40	25	137	68	69
Multifamily H		Rise)	0.0%		0	0	0	0	0	0	0
1/241/1141/11/11/11/11	ousing(iiiu	Subtotal	0.070		1,534	65	40	25	137	68	69
		Subtotal	NET PROF	POSED TRIPS	3,820	217	101	116	331	170	161
		Total Dr		eway Volumes	5,354	282	141	141	468	238	230
<b></b>	CHANGE			·	3,334	202	141	141	700	230	230
NET	CHANGE	IN TRIPS (F		URPOSES OF CURRENCY)	(2,843)	13	(12)	25	(297)	(136)	(161)
	NET (	CHANGE IN	DRIVEWA	Y VOLUMES	(4,595)	(9)	(26)	17	(470)	(218)	(252)
Note: Trip generation wa	as calculated	using the foll	lowing data:								
	I ITE O '				Pass-by		AM Peak Ho		. , ,	PM Peak Ho	
Land Use	ITE Code	Unit	Dai	ly Rate	Rate	in/out		ate	in/out	Equ	ation
Shopping Center	820	1000 SF	Ln(T) = 0.6	8 Ln(X) + 5.57	34%	62/38	T = 0.5 (X	() + 151.78	48/52	Ln(T) = 0.74	Ln(X) + 2.89
Multifamily Housing(Mid- Rise)	221	DU	T = 5.45	(X) + -1.75	0%	26/74		98 Ln(X) + - 98	61/39	Ln(T) = 0.96	Ln(X) + -0.63

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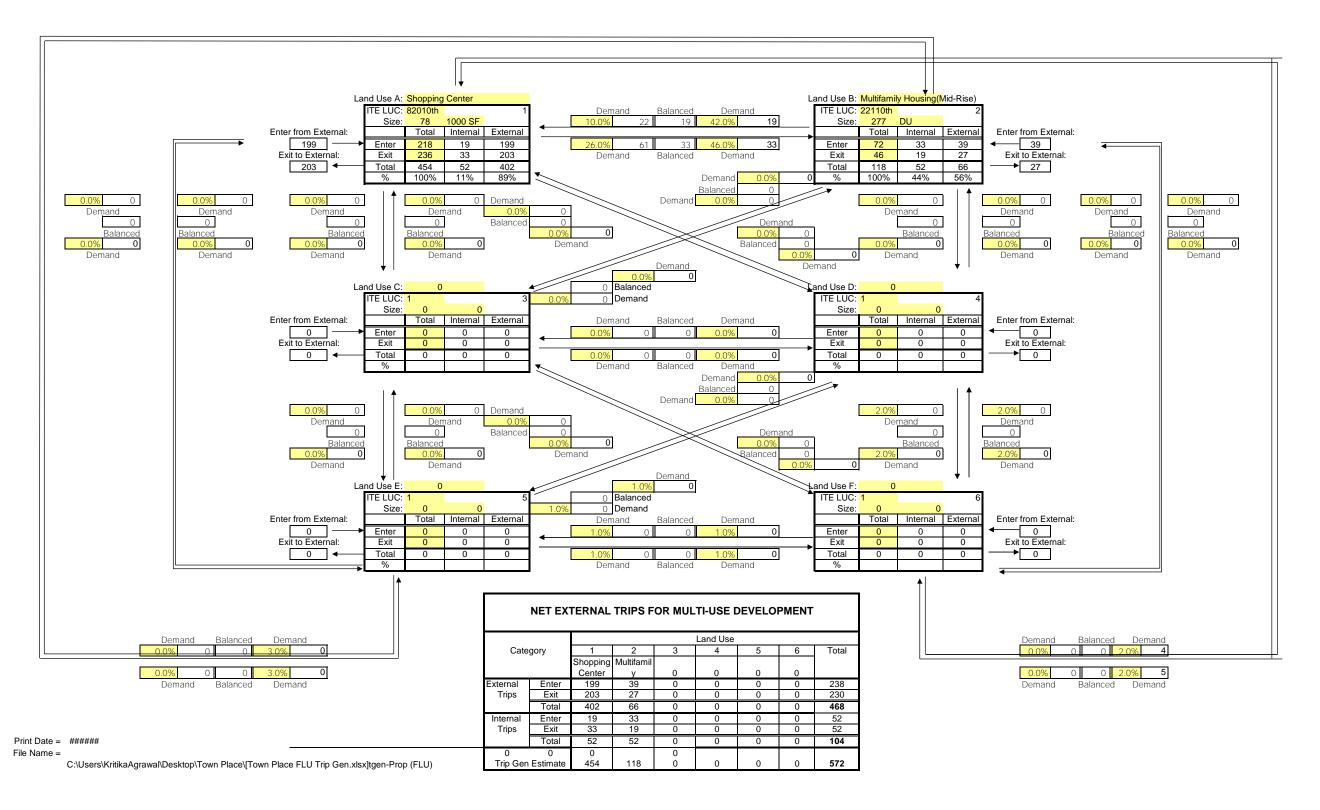
#### **EXHIBIT 1B**



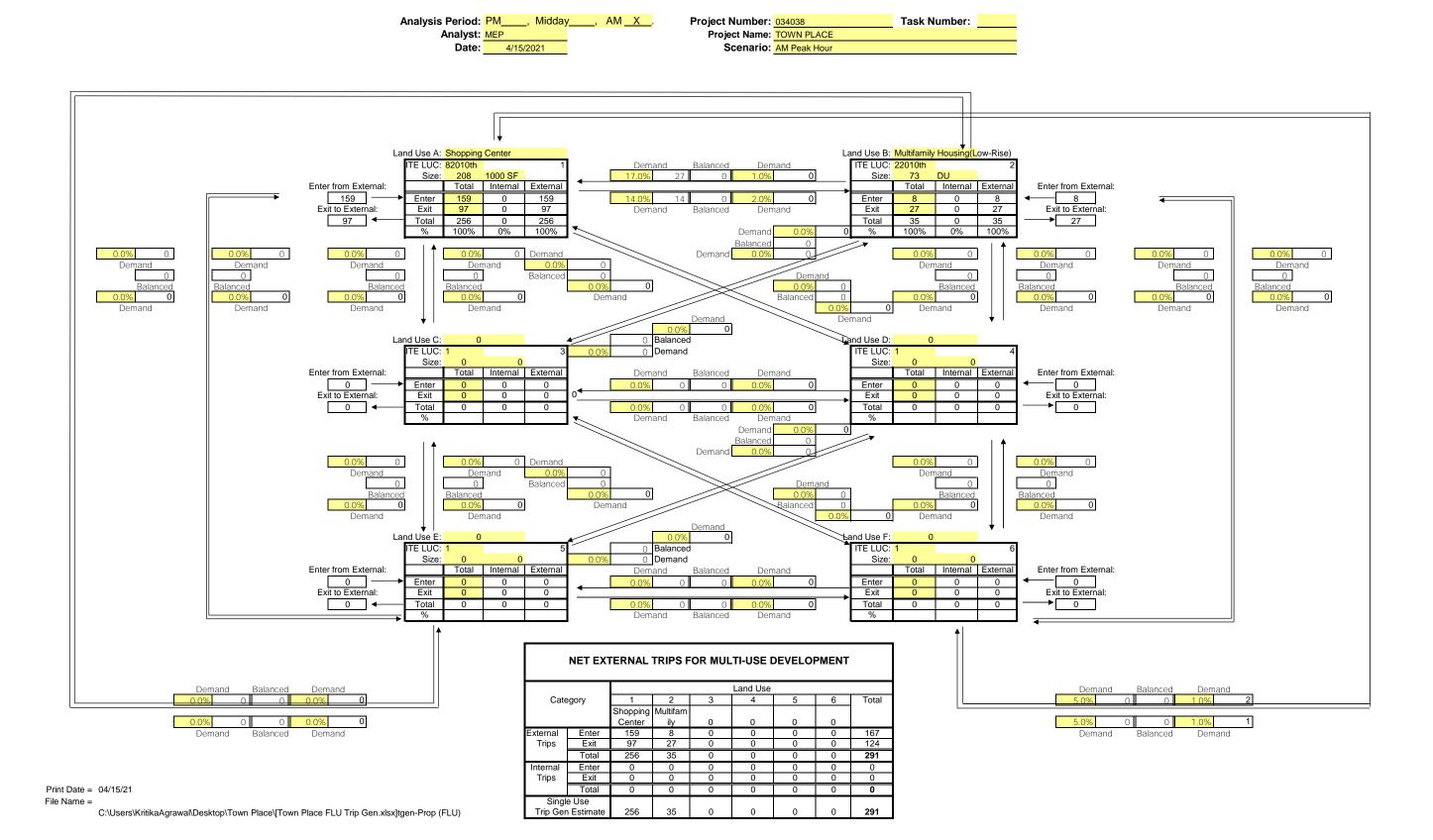


#### **EXHIBIT 1C**



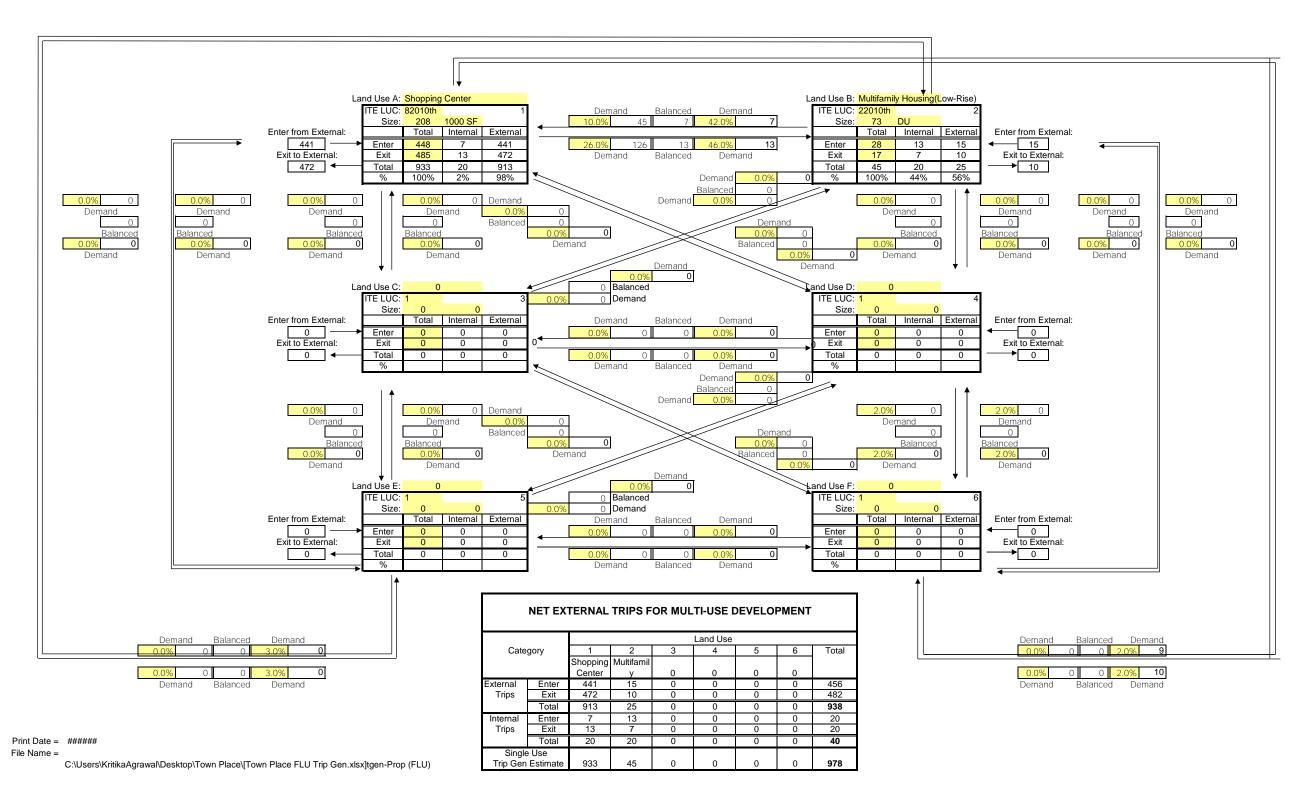


#### **EXHIBIT 1D**



#### **EXHIBIT 1E**

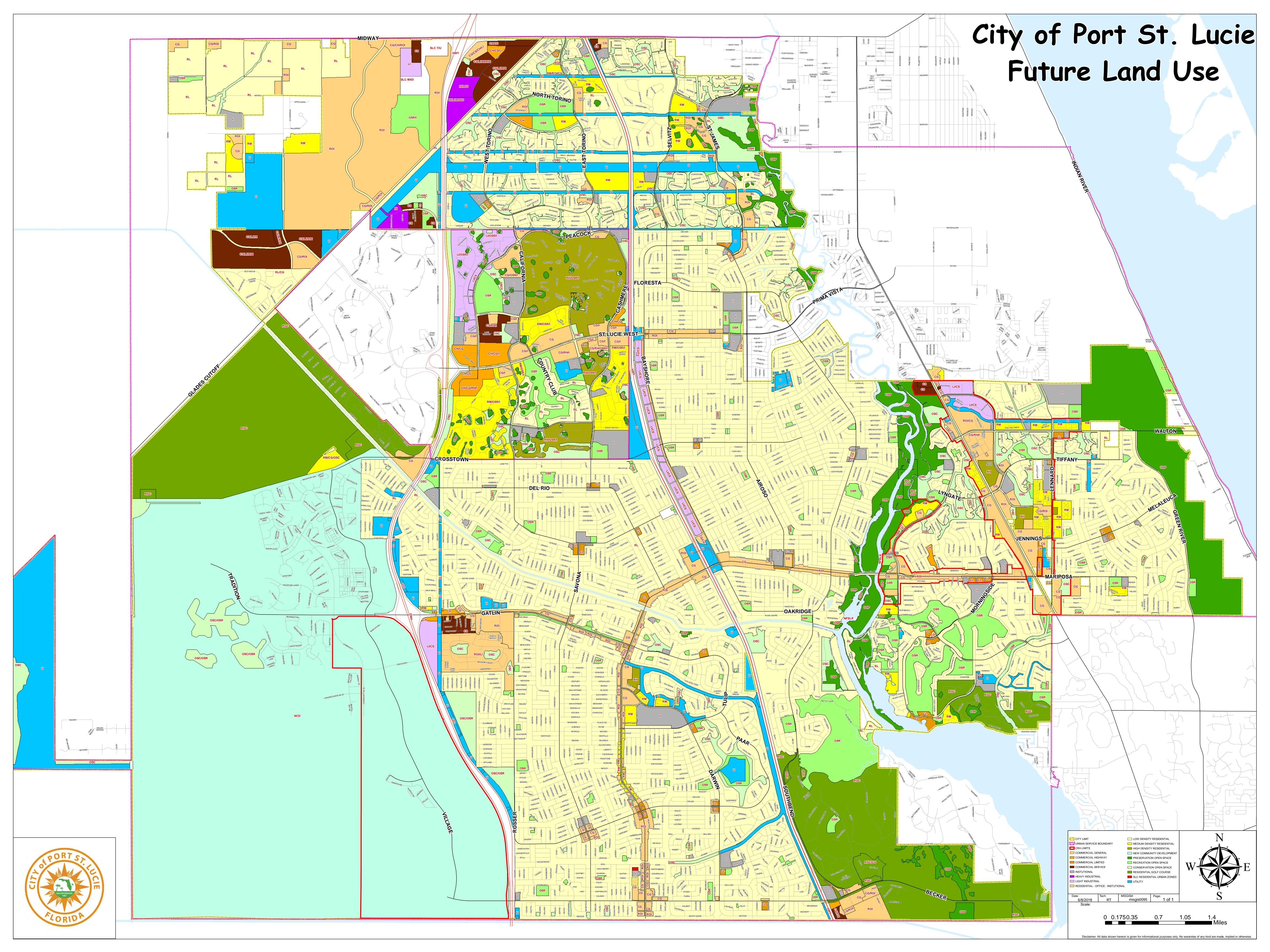




Sec. 158.124. - General Commercial Zoning District (CG).

- (A) Purpose. The purpose of the general commercial zoning district (CG) shall be to locate and establish areas within the City which are deemed to be uniquely suited for the development and maintenance of general commercial facilities. Said areas to be primarily along established highways where a mixed pattern of commercial usage is substantially established; to designate those uses and services deemed appropriate and proper for location and development standards and provisions as are appropriate to ensure proper development and functioning of uses within the district. This district incorporates most of those uses formerly designated shopping center commercial (CSC) and resort commercial (CR).
- (B) Permitted Principal Uses and Structures. The following principal uses and structures are permitted.
  - (1) Any retail, business, or personal service use (including repair of personal articles, furniture, and household appliances) conducted wholly within an enclosed building, where repair, processing, or fabrication of products is clearly incidental to and restricted to on-premises sales.
  - (2) Horticultural nursery, garden supply sales, or produce stand.
  - (3) Office for administrative, business, or professional use.
  - (4) Public facility or use.
  - (5) Restaurants with or without an alcoholic beverage license for on premises consumption of alcoholic beverages in accordance with <u>Chapter 110</u>.
  - (6) Retail sales of alcoholic beverages for incidental on and off premises consumption in accordance with <u>Chapter 110</u>.
  - (7) Park or playground or other public recreation.
  - (8) Motel, hotel, or motor lodge.
  - (9) Enclosed assembly area 3,000 square feet or less, with or without an alcoholic beverage license for on premises consumption of alcoholic beverages, in accordance with <a href="#">Chapter 110</a>.
  - (10) Brewpub. provided no more than 10,000 kegs (5,000 barrels) of beer are made per year, in accordance with <u>Chapter 110</u>.
  - (11) One dwelling unit contained within the development which is incidental to and designed as an integral part of the principal structure.
  - (12) Kennel, enclosed.
  - (13) Medical Marijuana Dispensing Facilities as set forth in Chapter 120.
  - (14) Pharmacy.
- (C) Special Exception Uses. The following uses may be permitted only following the review and specific approval thereof by the City Council:
  - (1) Enclosed assembly area over 3,000 square feet, with or without an alcoholic beverage license

- for on premises consumption of alcoholic beverages, in accordance with Chapter 110.
- (2) Public utility facility, including water pumping plant, reservoir, and electrical substation, and sewage treatment plant.
- (3) Semi-public facility or use.
- (4) Car wash (full or self-service).
- (5) Kennel, enclosed with outdoor runs.
- (6) Bars, lounges, and night clubs.
- (7) Schools (public, private or parochial) or technical or vocational schools.
- (8) Automobile, truck, boat and/or farm equipment sales. No storage or display of vehicles shall be permitted outside an enclosed building unless an area for such use is designated on the approved site plan and does not reduce the required number of parking spaces for the building.
- (9) Automobile fuel sales.
- (10) Repair and maintenance of vehicles. No storage of vehicles shall be permitted outside of an enclosed building unless an area designated for such use is on the approved site plan and does not reduce the required number of parking spaces for the building.
- (11) Retail convenience stores with or without fuel service station.
- (12) Hospitals, free standing emergency department, nursing, or convalescent homes.
- (13) Any use set forth in Subsection B: "Permitted Principal Uses and Structures" that include drive-through service.
- (14) Pain management clinic as set forth in <u>Section 158.231</u>.
- (D) Accessory Uses. As set forth within section 158.217.
- (E) Minimum Lot Requirements. Twenty thousand (20,000) square feet and a minimum width of one hundred (100) feet. More than one (1) permitted or special exception use may be located upon the lot as part of a totally-designed development. Properties located within conversion areas as defined by this chapter shall meet the requirements contained within the City of Port St. Lucie Land Use Conversion Manual.
- (F) Maximum Building Coverage. Forty (40%) percent, provided that the combined area coverage of all impervious surfaces shall not exceed eighty (80%) percent.
- (G) Maximum Building Height. Thirty-five (35) feet. (See subsection <u>158.174(E)</u> for height variations allowed through PUD zoning.)
- (H) Minimum Building Size and Minimum Living Area. Commercial and office buildings shall have a minimum total gross floor area of one thousand two hundred (1,200) square feet. For automobile service stations and drive-through restaurants: nine hundred (900) square feet.
- (I) Setback Requirements and Landscaping.
  - (1) Front Setback. Each lot shall have a front yard with a building setback line of twenty-five (25)



## Land Use: 221 Multifamily Housing (Mid-Rise)

#### Description

Mid-rise multifamily housing includes apartments, townhouses, and condominiums located within the same building with at least three other dwelling units and that have between three and 10 levels (floors). Multifamily housing (low-rise) (Land Use 220), multifamily housing (high-rise) (Land Use 222), off-campus student apartment (Land Use 225), and mid-rise residential with 1st-floor commercial (Land Use 231) are related land uses.

#### **Additional Data**

In prior editions of *Trip Generation Manual*, the mid-rise multifamily housing sites were further divided into rental and condominium categories. An investigation of vehicle trip data found no clear differences in trip making patterns between the rental and condominium sites within the ITE database. As more data are compiled for future editions, this land use classification can be reinvestigated.

For the six sites for which both the number of residents and the number of occupied dwelling units were available, there were an average of 2.46 residents per occupied dwelling unit.

For the five sites for which the numbers of both total dwelling units and occupied dwelling units were available, an average of 95.7 percent of the total dwelling units were occupied.

Time-of-day distribution data for this land use are presented in Appendix A. For the eight general urban/suburban sites with data, the overall highest vehicle volumes during the AM and PM on a weekday were counted between 7:00 and 8:00 a.m. and 4:45 and 5:45 p.m., respectively.

For the four dense multi-use urban sites with 24-hour count data, the overall highest vehicle volumes during the AM and PM on a weekday were counted between 7:15 and 8:15 a.m. and 4:15 and 5:15 p.m., respectively. For the three center city core sites with 24-hour count data, the overall highest vehicle volumes during the AM and PM on a weekday were counted between 6:45 and 7:45 a.m. and 5:00 and 6:00 p.m., respectively.

For the six sites for which data were provided for both occupied dwelling units and residents, there was an average of 2.46 residents per occupied dwelling unit.

For the five sites for which data were provided for both occupied dwelling units and total dwelling units, an average of 95.7 percent of the units were occupied.

The average numbers of person trips per vehicle trip at the five center city core sites at which both person trip and vehicle trip data were collected were as follows:

- 1.84 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 7 and 9 a.m.
- 1.94 during Weekday, AM Peak Hour of Generator
- 2.07 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 4 and 6 p.m.
- · 2.59 during Weekday, PM Peak Hour of Generator



The average numbers of person trips per vehicle trip at the 32 dense multi-use urban sites at which both person trip and vehicle trip data were collected were as follows:

- 1.90 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 7 and 9 a.m.
- · 1.90 during Weekday, AM Peak Hour of Generator
- 2.00 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 4 and 6 p.m.
- · 2.08 during Weekday, PM Peak Hour of Generator

The average numbers of person trips per vehicle trip at the 13 general urban/suburban sites at which both person trip and vehicle trip data were collected were as follows:

- 1.56 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 7 and 9 a.m.
- · 1.88 during Weekday, AM Peak Hour of Generator
- 1.70 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 4 and 6 p.m.
- · 2.07 during Weekday, PM Peak Hour of Generator

The sites were surveyed in the 1980s, the 1990s, the 2000s, and the 2010s in Alberta (CAN), British Columbia (CAN), California, Delaware, District of Columbia, Florida, Georgia, Illinois, Maryland, Massachusetts, Minnesota, New Hampshire, New Jersey, Ontario, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Utah, Virginia, and Wisconsin.

#### Source Numbers

168, 188, 204, 305, 306, 321, 357, 390, 436, 525, 530, 579, 638, 818, 857, 866, 901, 904, 910, 912, 918, 934, 936, 939, 944, 947, 948, 949, 959, 963, 964, 966, 967, 969, 970



## Multifamily Housing (Mid-Rise) (221)

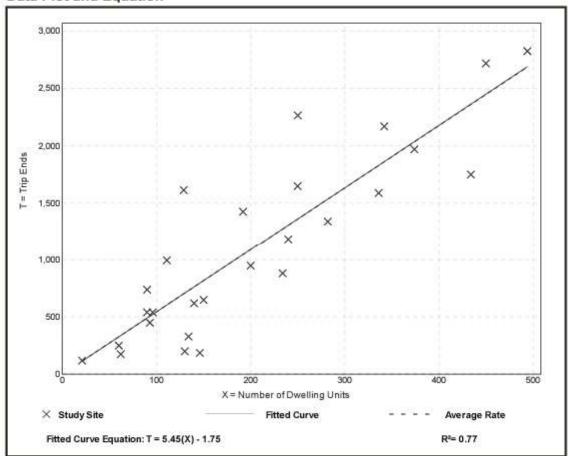
Vehicle Trip Ends vs: Dwelling Units On a: Weekday

Setting/Location: General Urban/Suburban

Number of Studies: 27

Avg. Num. of Dwelling Units: 205 Directional Distribution: 50% entering, 50% exiting

#### Vehicle Trip Generation per Dwelling Unit





## Multifamily Housing (Mid-Rise) (221)

Vehicle Trip Ends vs: Dwelling Units

On a: Weekday,

Peak Hour of Adjacent Street Traffic,

One Hour Between 7 and 9 a.m.

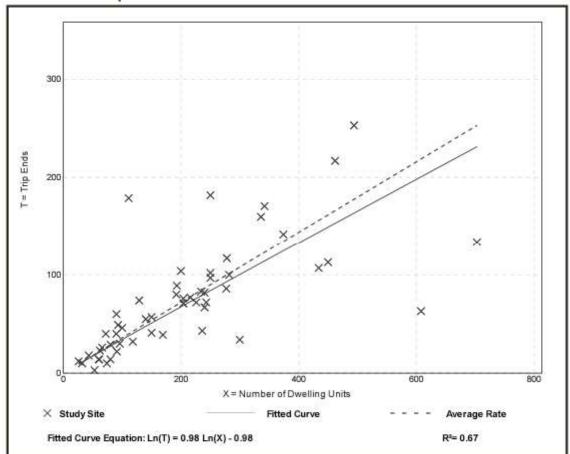
Setting/Location: General Urban/Suburban

Number of Studies: 53

Avg. Num. of Dwelling Units: 207

Directional Distribution: 26% entering, 74% exiting

#### Vehicle Trip Generation per Dwelling Unit





## Multifamily Housing (Mid-Rise) (221)

Vehicle Trip Ends vs: Dwelling Units

On a: Weekday,

Peak Hour of Adjacent Street Traffic,

One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

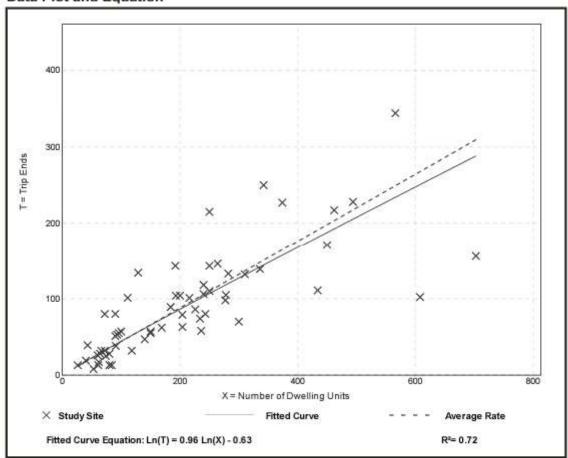
Number of Studies: 60

Avg. Num. of Dwelling Units: 208

Directional Distribution: 61% entering, 39% exiting

#### Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.44	0.15 - 1.11	0.19





### Land Use: 820 Shopping Center

#### Description

A shopping center is an integrated group of commercial establishments that is planned, developed, owned, and managed as a unit. A shopping center's composition is related to its market area in terms of size, location, and type of store. A shopping center also provides on-site parking facilities sufficient to serve its own parking demands. Factory outlet center (Land Use 823) is a related use.

#### **Additional Data**

Shopping centers, including neighborhood centers, community centers, regional centers, and super regional centers, were surveyed for this land use. Some of these centers contained non-merchandising facilities, such as office buildings, movie theaters, restaurants, post offices, banks, health clubs, and recreational facilities (for example, ice skating rinks or indoor miniature golf courses).

Many shopping centers, in addition to the integrated unit of shops in one building or enclosed around a mall, include outparcels (peripheral buildings or pads located on the perimeter of the center adjacent to the streets and major access points). These buildings are typically drive-in banks, retail stores, restaurants, or small offices. Although the data herein do not indicate which of the centers studied included peripheral buildings, it can be assumed that some of the data show their effect.

The vehicle trips generated at a shopping center are based upon the total GLA of the center. In cases of smaller centers without an enclosed mall or peripheral buildings, the GLA could be the same as the gross floor area of the building.

Time-of-day distribution data for this land use are presented in Appendix A. For the 10 general urban/ suburban sites with data, the overall highest vehicle volumes during the AM and PM on a weekday were counted between 11:45 a.m. and 12:45 p.m. and 12:15 and 1:15 p.m., respectively.

The average numbers of person trips per vehicle trip at the 27 general urban/suburban sites at which both person trip and vehicle trip data were collected were as follows:

- · 1.31 during Weekday, AM Peak Hour of Generator
- 1.43 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 4 and 6 p.m.
- 1.46 during Weekday, PM Peak Hour of Generator

The sites were surveyed in the 1980s, the 1990s, the 2000s, and the 2010s in Alberta (CAN), British Columbia (CAN), California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Nevada, New Jersey, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia, and Wisconsin.

#### Source Numbers

105, 110, 154, 156, 159, 186, 190, 198, 199, 202, 204, 211, 213, 239, 251, 259, 260, 269, 294, 295, 299, 300, 301, 304, 305, 307, 308, 309, 310, 311, 314, 315, 316, 317, 319, 358, 365, 376, 385, 390, 400, 404, 414, 420, 423, 428, 437, 440, 442, 444, 446, 507, 562, 580, 598, 629, 658, 702, 715, 728, 868, 870, 871, 880, 899, 908, 912, 915, 926, 936, 944, 946, 960, 961, 962, 973, 974, 978



## Shopping Center (820)

Vehicle Trip Ends vs: 1000 Sq. Ft. GLA

On a: Weekday

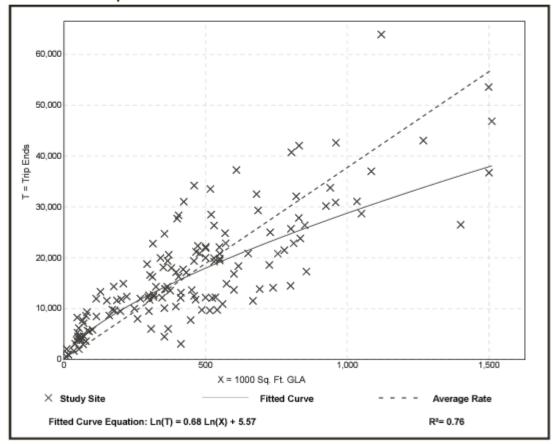
Setting/Location: General Urban/Suburban

Number of Studies: 147 1000 Sq. Ft. GLA: 453

Directional Distribution: 50% entering, 50% exiting

#### Vehicle Trip Generation per 1000 Sq. Ft. GLA

Average Rate	Range of Rates	Standard Deviation	
37.75	7.42 - 207.98	16.41	





## Shopping Center (820)

Vehicle Trip Ends vs: 1000 Sq. Ft. GLA

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

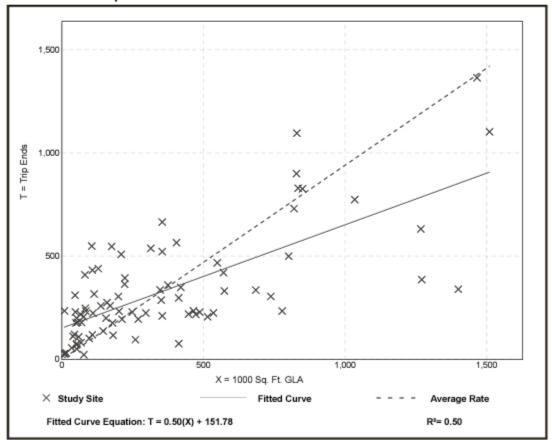
Setting/Location: General Urban/Suburban

Number of Studies: 84 1000 Sq. Ft. GLA: 351

Directional Distribution: 62% entering, 38% exiting

#### Vehicle Trip Generation per 1000 Sq. Ft. GLA

Average Rate	Range of Rates	Standard Deviation
0.94	0.18 - 23.74	0.87





## Shopping Center (820)

Vehicle Trip Ends vs: 1000 Sq. Ft. GLA

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

Number of Studies: 261 1000 Sq. Ft. GLA: 327

Directional Distribution: 48% entering, 52% exiting

#### Vehicle Trip Generation per 1000 Sq. Ft. GLA

Average Rate	Range of Rates	Standard Deviation
3.81	0.74 - 18.69	2.04

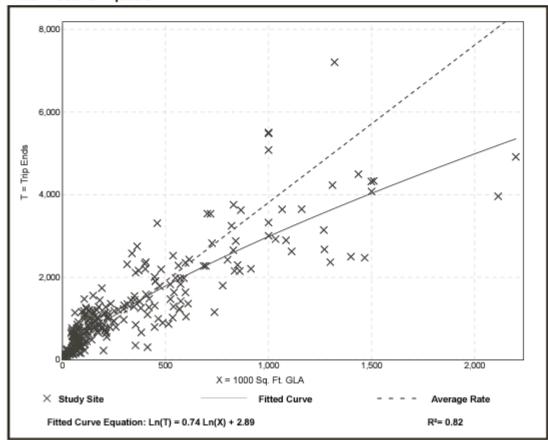




Table 6.1 Unconstrained Internal Person Trip Capture Rates for Trip Origins within a Mixed-Use Development

		WEE	KDAY
		AM Peak Hour	PM Peak Hou
From OFFICE	To Retail	28%	20%
	To Restaurant	63%	4%
	To Cinema/Entertainment	0%	0%
	To Residential	1%	2%
	To Hotel	0%	0%
From RETAIL	To Office	29%	2%
	To Restaurant	13%	29%
	To Cinema/Entertainment	0%	4%
	To Residential	14%	26%
	To Hotel	0%	5%
From RESTAURANT	To Office	31%	3%
	To Retail	14%	41%
	To Cinema/Entertainment	0%	8%
	To Residential	4%	18%
	To Hotel	3%	7%
From	To Office	0%	2%
CINEMA/ENTERTAINMENT	To Retail	0%	21%
	To Restaurant	0%	31%
	To Residential	0%	8%
	To Hotel	0%	2%
From RESIDENTIAL	To Office	2%	4%
	To Retail	1%	42%
	To Restaurant	20%	21%
	To Cinema/Entertainment	0%	0%
	To Hotel	0%	3%
From HOTEL	To Office	75%	0%
	To Retail	14%	16%
	To Restaurant	9%	68%
	To Cinema/Entertainment	0%	0%
	To Residential	0%	2%

Source: Bochner, B., K. Hooper, B. Sperry, and R. Dunphy. NCHRP Report 684: Enhancing Internal Trip Capture Estimation for Mixed-Use Developments. Washington, DC: Transportation Research Board, Tables 99 and 100, 2011.

Table 6.2 Unconstrained Internal Person Trip Capture Rates for Trip Destinations within a Mixed-Use Development

		Wee	ekday
		AM Peak Hour	PM Peak Hou
To OFFICE	From Retail	4%	31%
	From Restaurant	14%	30%
	From Cinema/Entertainment	0%	6%
	From Residential	3%	57%
	From Hotel	3%	0%
To RETAIL	From Office	32%	8%
	From Restaurant	8%	50%
	From Cinema/Entertainment	0%	4%
	From Residential	17%	10%
	From Hotel	4%	2%
To RESTAURANT	From Office	23%	2%
	From Retail	50%	29%
	From Cinema/Entertainment	0%	3%
	From Residential	20%	14%
	From Hotel	6%	5%
То	From Office	0%	1%
CINEMA/ENTERTAINMENT	From Retail	0%	26%
	From Restaurant	0%	32%
	From Residential	0%	0%
	From Hotel	0%	0%
To RESIDENTIAL	From Office	0%	4%
	From Retail	2%	46%
	From Restaurant	5%	16%
	From Cinema/Entertainment	0%	4%
	From Hotel	0%	0%
To HOTEL	From Office	0%	0%
	From Retail	0%	17%
	From Restaurant	4%	71%
	From Cinema/Entertainment	0%	1%
	From Residential	0%	12%

Source: Bochner, B., K. Hooper, B. Sperry, and R. Dunphy. NCHRP Report 684: Enhancing Internal Trip Capture Estimation for Mixed-Use Developments. Washington, DC: Transportation Research Board, Tables 101 and 102, 2011.



#### Michelle Franklin, CFA -- Saint Lucie County Property Appraiser -- All rights reserved.

#### **Property Identification**

Site Address: 998 SE Town Place BLVD

Sec/Town/Range: 26/36S/40E Parcel ID: 3426-341-0001-000-2 Jurisdiction: Port Saint Lucie

#### **Ownership**

Rich and Rubin Properties LLC 2552 Peters RD Ste B Fort Pierce, FL 34945

#### **Legal Description**

26 36 40 THAT PART OF S/1/2 OF SEC LYG E OF US1 AND LYG S OF SAVANNA CLUB BLVD AND LYG SELY OF BLK 3 LOT 15 AND WLY OF BLK 4 LOT 11 OF ST LUCIE GARDENS (PB 1-35) (18.512 AC - 806,383

#### **Current Values**

\$2,434,000 Just/Market Value: \$2,411,019 Assessed Value: Exemptions: \$2,411,019 Taxable Value:

#### Property taxes are subject to change upon change of ownership.

- Past taxes are not a reliable projection of future taxes. The sale of a property will prompt the removal of all exemptions, assessment caps, and special classifications.

Taxes for this parcel: SLC Tax Collector's Office 2 Download TRIM for this parcel: Download PDF Use Type: 1000 Account #: 180710 Map ID: 34/26S Zoning: RM-5 PSL



#### **Total Areas**

Finished/Under Air (SF): 0 Gross Sketched Area (SF): 18.51 Land Size (acres): 806,383 Land Size (SF):

### **Building Design Wind Speed**

<b>Occupancy Category</b>	I	II	III & IV
Speed	140	160	170
Sources/links:			

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