

TRAFFIC IMPACT ANALYSIS

Selvitz Crossing
Fort Pierce, FL

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EXECUTIVE SUMMARY

A traffic analysis was performed for Selvitz Crossing, a 12 dwelling unit subdivision located on the north side of Devine Road between Selvitz Road and Christensen Road.

The traffic analysis was performed in accordance with the City of Fort Pierce's traffic performance standards. The project meets the de minimis impact thresholds of Section 22-218 of the Code and is therefore exempt from concurrency because it meets criteria a., b., and c. of Section 22-218 (b)(2)

The neighborhood is planned for an opening year of 2015. A five-year analysis was performed that projects year 2020 roadway conditions. The project is estimated to result in an expected generation of 149 daily, 18 AM peak hour, and 16 PM peak hour net new external trips that will impact the roadway network.

The roadways adjacent to the project are projected to operate acceptably with the addition of the proposed development.

The traffic volumes out of the site do not warrant turn-lanes and the driveways are projected to operate acceptably.

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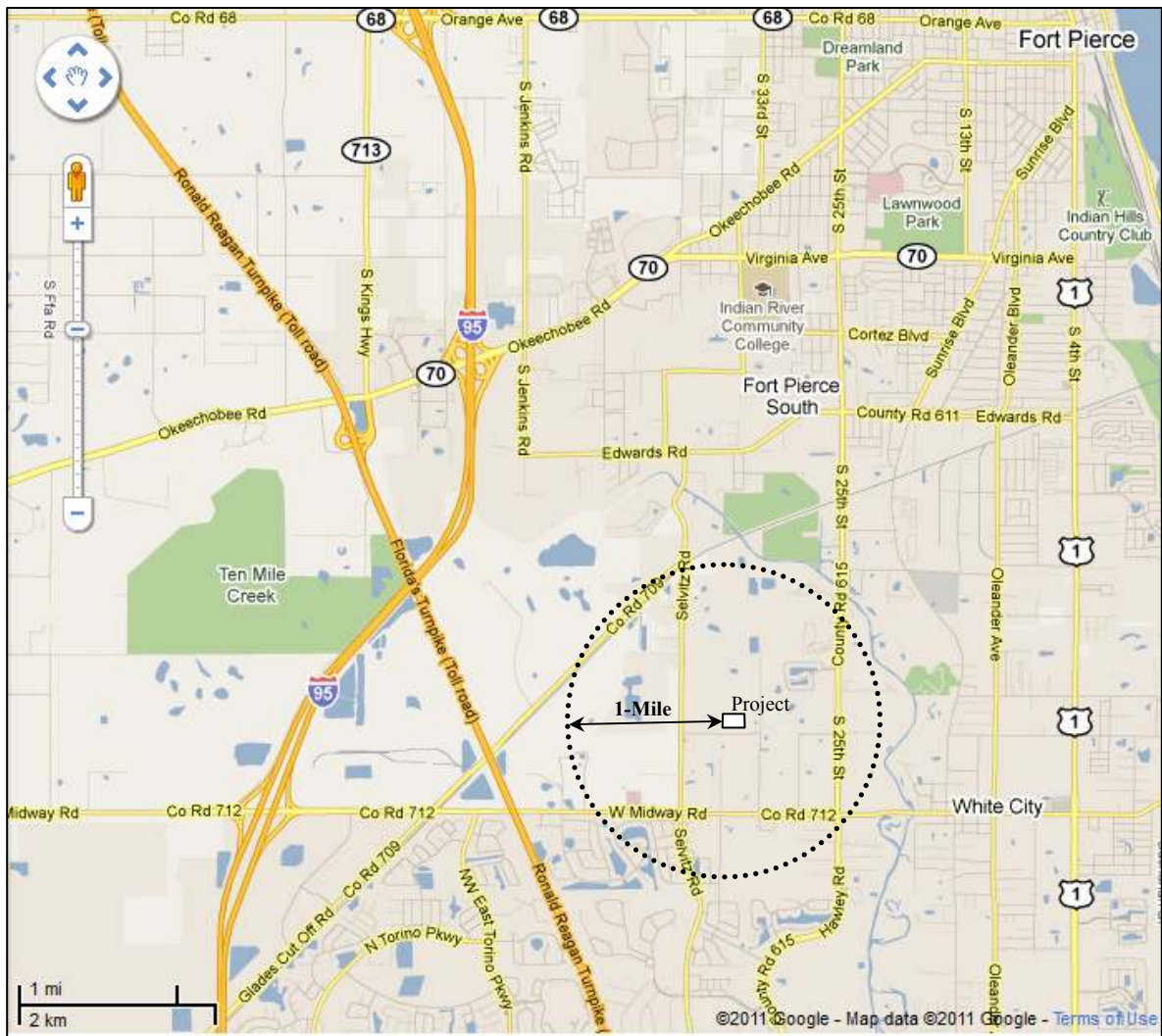
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INTRODUCTION

A 12 dwelling unit (DU) subdivision, Selvitz Crossing, is proposed on the north side of Devine Road between Selvitz Road and Christensen Road. The property is approximately 122.8 acres of undeveloped land. Selvitz Crossing is planned for an opening year of 2015. A site location map is shown below in Figure 1.

Figure 1. Site Location Map



TRIP GENERATION

Trip Generation

The 12 DU subdivision is projected to generate 149 daily, 18 AM peak hour, and 16 PM peak hour trips based on land use code 210 from ITE's report, *Trip Generation, 9th Edition*. Detailed trip generation information is displayed in Table 1.

Internal Capture

Because this a single use project, there is no internal capture for the proposed project.

Pass-by Capture

Because this a residential project, there is no pass-by capture for the proposed project.

Net New External Trip Generation

Net new external trip generation is the projected quantity of trips impacting the roadway network. Net new external trip generation is calculated by subtracting the internal capture and pass-by capture from the proposed trip generation. The project is expected to generate 149 daily, 18 AM peak hour, and 16 PM peak hour net new external trips that will impact the roadway network.

Table 1. Trip Generation

Land Use	Intensity	Daily Trips	AM Peak Hour			PM Peak Hour		
			Total	In	Out	Total	In	Out
Trip Generation Single-Family Residential	12 du	149	18	5	13	16	10	6
	<i>Subtotal</i>	149	18	5	13	16	10	6
Driveway Volume (for Driveway Analysis)		149	18	5	13	16	10	6
Net New External Trips (for Analysis)		149	18	5	13	16	10	6
Note: Trip generation was calculated using the following data: Daily Traffic Single-Family Residential [ITE 210] = $\text{Ln}(T) = 0.92 * \text{Ln}(X) + 2.72$ AM Peak Hour Traffic Single-Family Residential [ITE 210] = $T = 0.70 (X) + 9.74$ (25% in, 75% out) PM Peak Hour Traffic Single-Family Residential [ITE 210] = $\text{Ln}(T) = 0.90 * \text{Ln}(X) + 0.51$ (63% in, 37% out)								
<small>c:\users\cad\documents\jobs - share driv e\026 - lucido\003 - selvitiz crossing\update\selvitiz crossing 06-10-14.xlsx\tripgen-2011 6/10/2014 Copyright © 2010, MacKenzie Engineering and Planning, Inc.</small>								

Radius of Impact

Section 22-218 (b)(2) of the Code discussed de minimis impacts. Based on the City Code a development which meets the following de minimis impact thresholds is exempt from the requirements of this article (Article 22-218):

- a. An impact that would not affect more than one percent of the maximum volume at the adopted level of service.

This condition is met. No facilities are impacted at one percent or more of the maximum volume at the adopted LOS standard as shown in Table 5.

- b. The sum of existing plus approved traffic volumes does not exceed 110 percent of the maximum volume at the adopted LOS

This condition is met. All roadways are projected to operate acceptably and at less than 100 percent of maximum volume at the adopted LOS as shown in Table 4.

- c. An impact that would not exceed the adopted level of service standard of any affected designated hurricane evacuation routes.

This condition is met. All roadways are projected to operate

acceptably and at less than 100 percent of maximum volume at the adopted LOS as shown in Table 4. The Midway Road Segment utilized the service capacity based on an Arterial Analysis performed for the Carriage Point Estates Traffic Impact Analysis dated December 2012.

This project meets conditions a., b., and c. Section 22-218 (b)(2) of the City Code and is therefore exempt from transportation concurrency.

DATA

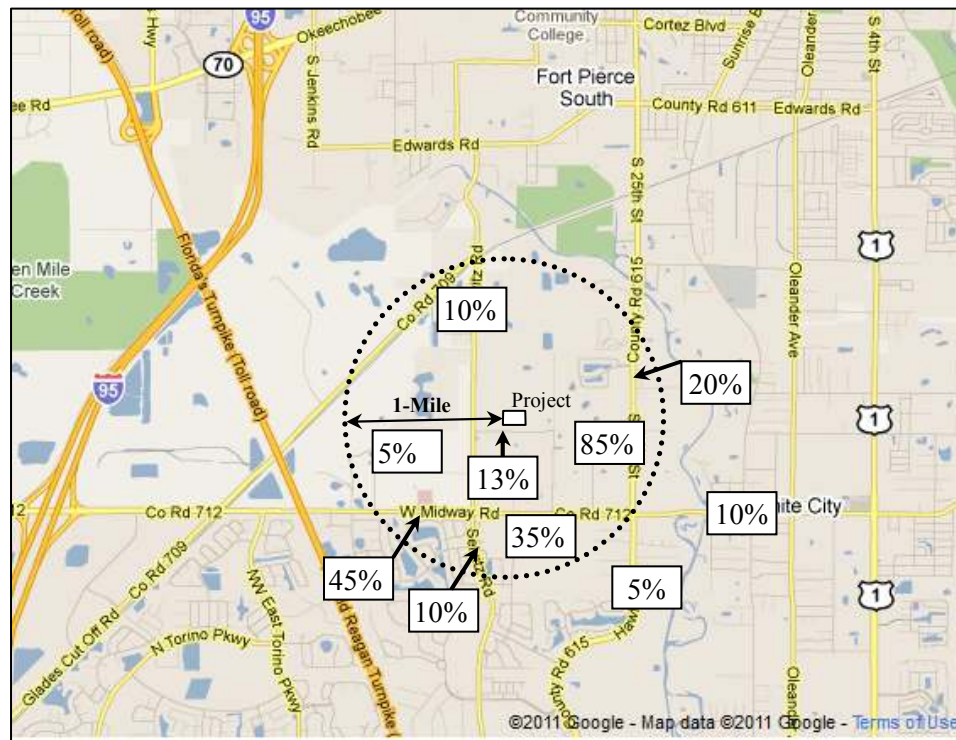
Data were acquired relative to the most current information available from the following sources:

- St. Lucie TPO
- FDOT's Q/LOS Manual
- *Trip Generation, 9th Edition* (ITE report)

TRAFFIC ASSIGNMENT

The traffic assignment was developed based upon engineering judgment.

Figure 2. Traffic Assignment



ROADWAY ANALYSIS

Existing Conditions

Roadway Service Volumes

Data from the existing facilities within the study area were collected based on field visits, aerial photography, St. Lucie TPO, and Fort Pierce Comprehensive Plan. The existing conditions data were analyzed using FDOT's *Quality/LOS Manual* to develop peak hour two-way service volumes on the surrounding roadway network. The existing facility data used to create the generalized service volumes are shown in Table 2.

Committed Improvements

Based on a review of FDOT's 5-Year Work Program and the St. Lucie TPO's Transportation Improvement Program, which includes St. Lucie County's 5-Year Capital Improvement Plan and Fort Pierce's 5-Year Capital Improvement Plan, the following improvements are programmed in the first three years of the plans, proposed within a 1-mile radius of the project:

- Midway Road – 25th Street to US 1 – 4-Laning – FDOT
- Midway Road – Glades Cut Off Road to Selvitz Road – PD&E – FDOT
- Midway Road – Selvitz Road to 25th Street – 4 Laning – St. Lucie County

Two segments of Midway Road, East Torino Parkway to Selvitz Road and Selvitz Road to 25th Street, appear to have dedicated funding from the County for widening. The segment from Selvitz Road to 25th Street is proposed for widening this year. The Midway Road Segment utilized the service capacity based on an Arterial Analysis performed for the Carriage Point Estates Traffic Impact Analysis dated December 2012 for Glades Road to Selvitz Road.

Existing Roadway Level of Service

PM peak hour traffic data were obtained from the St. Lucie TPO and MacKenzie Engineering for each of the roadway segments within the study area. The peak hour data are contained in the Appendix. The traffic data for each segment were compared with the service volumes for each respective segment to develop the level of service (LOS) on each roadway segment. The analysis shows that all roadway segments within the study area operate at an acceptable LOS. The existing conditions LOS analysis is shown in Table 3.

Background Conditions

Five-Year Analysis

Based on the Fort Pierce Code, traffic concurrency studies require an evaluation of the buildout year and five years after the opening year (horizon year). Therefore, the analysis examines the roadway conditions in Years 2015 and 2020.

Growth Rates

Historic growth rates were developed based on available St. Lucie County TPO data. Data were obtained for 2009 and 2011. The historic annual growth on the surrounding facilities between 2009 and 2011 is 1.2%. Therefore, a minimum growth rate of one percent (1.2%) has been used in the analysis. Data showing the growth rate calculations are contained within the Appendix.

Approved Traffic

St. Lucie County and Fort Pierce were contacted regarding inclusion of committed trips from approved, but not built, development. St. Lucie County had six projects for inclusion (Celebration Pointe, Estancia, Midway Road Professional Center, Ravinia, River Landing, and Sedona). Waste Pro, Waste Management Transfer Station, Newberry Fields, J.J. Taylor, and Carriage Point Estates are committed within Fort Pierce. Committed trips from all ten projects were obtained and included in the analysis.

Future Year Roadway Analyses

The 2013 PM peak hour traffic volumes were increased based on the annual compound growth rate to develop the projected year 2015 and 2020 background growth traffic volumes. Projected 2015 and 2020 background traffic volumes were developed by adding the existing traffic volumes, traffic growth, and committed trips. The projected 2015 and 2020 background traffic volumes were compared to the service volumes for each roadway segment to develop the projected 2015 and 2020 background roadway LOS. Based on the analysis, all facilities are projected to operate acceptably in 2015 and 2020. The projected background roadway LOS is shown in Table 3.

Future Conditions

Total projected 2015 and 2020 traffic volumes were developed by adding the projected background traffic volumes and the project traffic volumes. The total projected 2015 and 2020 traffic volumes were compared to the service volumes on each respective roadway segment to develop the projected LOS. All roadway segments are projected to operate acceptably in 2015 and 2020 with the proposed development. The 2015 and 2020 roadway analysis with total traffic is shown in Table 4.



Table 2. Roadway Service Capacity

Roadway	From	To	Existing Lanes	Existing Plus Comitted Lanes	Area Type	Facility Type	Class	Adopted LOS	Unadjusted Capacity (Two-way)	Left-Turn Lanes	Right-Turn Lanes	Divided	Adjusted Capacity
25TH ST.	Edwards Rd	Midway Rd	4	4	Urban	Arterial	1	D	3,560	Y	Y	Y	3740
	Midway Rd	Airoso Blvd	4	4	Urban	Arterial	1	D	3,560	Y	N	Y	3560
GLADES CUT OFF RD	Midway Rd	Florida Turnpike	2	2	Urban	Collector	1	D	1,600	Y	N	N	1040
	Florida Turnpike	Selvitz Rd	2	2	Urban	Collector	1	D	1,600	Y	N	N	1040
MIDWAY RD.	Selvitz Rd	25th St	2	4	Urban	Arterial	1	D	3,560	Y	N	Y	3560
	E Torino Pkwy	Selvitz Rd	2	2	Urban	Arterial	1	D	1,600	Y	N	N	1620
SELVITZ RD	Edwards Rd	Glades Cut-Off Rd	2	2	Urban	Arterial	1	D	1,600	Y	N	N	1440
	Glades Cut-Off Rd	Midway Rd	2	2	Urban	Arterial	1	D	1,600	Y	N	N	1120

Table 3. Existing and Background Roadway LOS

Roadway	From	To	Lanes	Service Capacity	Count Year	PM Peak Hour Existing Traffic	Count Year	Existing LOS	Growth Rate	2015 Traffic Growth	2020 Traffic Growth	Committed Trips	2015 Background Traffic	2020 Background Traffic	Meets Service Volume	2015 Bckgrnd LOS	2020 Bckgrnd LOS
25TH ST.	Edwards Rd	Midway Rd	4	3,740	2010	1,777	2010	B	1.2%	109	225	34	1,920	2,036	YES	B	B
	Midway Rd	Airoso Blvd	4	3,560	2010	1,690	2010	B	1.2%	104	214	2	1,796	1,906	YES	B	B
GLADES CUT OFF RD	Florida Turnpike	Selvitz Rd	2	1,040	2010	387	2010	B	1.2%	24	49	41	452	477	YES	B	B
	Midway Rd	Florida Turnpike	2	1,040	2010	623	2010	C	1.2%	38	79	15	676	717	YES	C	C
MIDWAY RD.	E Torino Pkwy	Selvitz Rd	2	1,620 *	2011	1,312	2011	C	1.2%	64	149	99	1,475	1,560	YES	C	D
	Selvitz Rd	25th St	4	3,560	2011	1,200	2011	B	1.2%	59	136	126	1,385	1,462	YES	B	B
SELVITZ RD	Edwards Rd	Glades Cut-Off Rd	2	1,440	2011	999	2011	C	1.2%	49	113	199	1,247	1,311	YES	C	C
	Glades Cut-Off Rd	Midway Rd	2	1,120	2011	644	2011	B	1.2%	31	73	102	777	819	YES	C	C

* Service Capacity based on ART-PLAN, FDOT's arterial analysis software



Table 4. Projected 2020 Roadway LOS

Roadway	From	To	Lanes	Service Capacity	2015 Bckgrnd Traffic	2020 Bckgrnd Traffic	Assign	Project Traffic	2015 Total Traffic	2020 Total Traffic	Meets Service Volume	2015 Total Traffic LOS	2020 Total Traffic LOS
25TH ST.	Edwards Rd	Midway Rd	4	3740	1,920	2,036	20%	3	1,923	2,039	YES	B	B
	Midway Rd	Airoso Blvd	4	3560	1,796	1,906	5%	1	1,797	1,907	YES	B	B
GLADES CUT OFF RD	Florida Turnpike	Selvitz Rd	2	1040	452	477	0%	0	452	477	YES	B	B
	Midway Rd	Florida Turnpike	2	1040	676	717	0%	0	676	717	YES	C	C
MIDWAY RD.	E Torino Pkwy	Selvitz Rd	2	1620 *	1,475	1,560	45%	7	1,482	1,567	YES	C	D
	Selvitz Rd	25th St	4	3560	1,385	1,462	35%	6	1,391	1,468	YES	B	B
SELVITZ RD	Edwards Rd	Glades Cut-Off Rd	2	1440	1,247	1,311	10%	2	1,249	1,313	YES	C	C
	Glades Cut-Off Rd	Midway Rd	2	1120	777	819	10%	2	779	821	YES	C	C

* Service Capacity based on ART-PLAN, FDOT's arterial analysis software

Table 5. Project Impact to the Roadway Network at the Adopted Level of Service

Roadway	From	To	Lanes	Service Capacity	Assign	Project Traffic	2015 Total Traffic
25TH ST.	Edwards Rd	Midway Rd	4	3740	20%	3	0.08%
	Midway Rd	Airoso Blvd	4	3560	5%	1	0.03%
GLADES CUT OFF RD	Florida Turnpike	Selvitz Rd	2	1040	0%	0	0.00%
	Midway Rd	Florida Turnpike	2	1040	0%	0	0.00%
MIDWAY RD.	E Torino Pkwy	Selvitz Rd	2	1620 *	45%	7	0.43%
	Selvitz Rd	25th St	4	3560	35%	6	0.17%
SELVITZ RD	Edwards Rd	Glades Cut-Off Rd	2	1440	10%	2	0.14%
	Glades Cut-Off Rd	Midway Rd	2	1120	10%	2	0.18%

DRIVEWAYS

Driveway Access

10 dwelling units will each connect directly to Christensen Road and 2 dwelling units will connect directly to Selvitz Road. A driveway analysis was not performed.

CONCLUSION

A traffic analysis was performed for Selvitz Crossing, a 12 dwelling unit subdivision located on the north side of Devine Road between Selvitz Road and Christensen Road.

The traffic analysis was performed in accordance with the City of Fort Pierce's traffic performance standards. The project meets the de minimis impact thresholds of Section 22-218 of the Code and is therefore exempt from concurrency because it meets criteria a., b., and c. of Section 22-218 (b)(2)

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The traffic volumes out of the site do not warrant turn-lanes and the driveway is projected to operate acceptably.

APPENDICES

Site Plan
Property Record Card
St. Lucie TPO Data
Committed Traffic Information
ARTPLAN

PLAT BOOK:
PAGE:

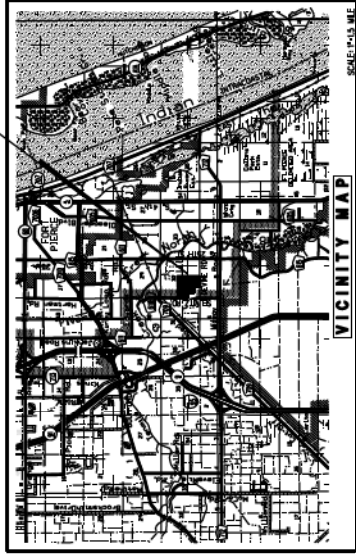
SELVITZ CROSSING

BEING A PORTION OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST,
LYING IN THE CITY OF FT. PIERCE, ST. LUCIE COUNTY, FLORIDA

FEBRUARY 2014 SHEET 1 OF 3

PRELIMINARY PLAT

SUBJECT PROPERTY



SUBDIVIDER:
WIDWAY ST., LUCIE, LLC
675 W. INDIANTOWN RD.
SUITE NO. 201
JUPITER, FL 33458
(561) 354-6186

PMP: WIDWAY ST., LUCIE, LLC,
A DELAWARE LIMITED LIABILITY COMPANY
C/O PRISM VENTURE PARTNERS, LLC
675 W. INDIANTOWN RD.
JUPITER, FL 33458
(561) 354-6186

ENGINEER:
RUDD JONES, P.E.
7450 FEDERAL HIGHWAY
PORT ST. LUCIE, FL 34952
(772) 336-2933

CERTIFICATION: THAT THE PRELIMINARY PLAT ABOVE HEREON
PREPARED BY ME IN ACCORDANCE WITH THE PROVISIONS OF
ARTICLE VI, SECTION 100, CHAPTER 218, FLORIDA STATUTES, AND
ARTICLE VI, SECTION 100, CHAPTER 218, FLORIDA STATUTES, AND
ARTICLE VI, SECTION 100, CHAPTER 218, FLORIDA STATUTES.

DATE: FEBRUARY 13, 2014 BY: ERIC C. LIBBERG, P.S.S.C.
LICENSE NO. 11571
STATE OF FLORIDA



LIBBERG LAND SURVEYING, INC.
900 W. US Highway 1, Suite 201, Ft. Pierce, FL 34949

JOB NO.	LIBBERG LAND SURVEYING, INC. 15-000-200-1, 15-000-200-2
DATE	15-000-200
PL	PL
DATE	15-000-200
NO. OF SHEETS	3
SHEET NO.	1
DATE	15-000-200

PROPERTY RECORD CARD

Midway St Lucie LLC Record: 1 of 1
 Property Identification

<<Prev Next >> Spec.Assmnt Taxes Exemptions Permits Home Print

Site Address: Selvitz Rd
 Sec/Town/Range: 32:35S:40E
 Map ID: 24/32N
 Zoning: AR-1 - CO

ParcelID: 2432-211-0006-000-3
 Account #: 172971
 Use Type: GRZNG SLD CP
 City/Cnty: Fort Pierce



Ownership and Mailing

Owner: Midway St Lucie LLC
 Address: 675 W Indiantown Rd #201
 Jupiter FL 33458

Legal Description

32 35 40 THAT PART OF SEC MPDAF: BEG AT SW COR OF SEC
 RUN N 00 04 38 E 1457.23 FT,TH S 89 55 22 E 50
[More...](#)

Sales Information

Date	Price	Code	Deed	Book/Page
7/21/2008	0	01	MS	2997 / 1139
11/5/2007	100	01	WD	2901 / 2762
3/24/2005	7850000	01	WD	2202 / 1580

Assessment 2012

2012 Final: 1252620
 Assessed: 19137
 Ag.Credit: 1233483
 Exempt:
 Taxable:
 Taxes: 471.65

Total Land and Building

Land Value: 1252620 Acres: 69.59
 Building Value: 0
 Finished Area: 0 SqFt

BUILDING INFORMATION

No Sketch
 Available



Exterior Features

View: -	RoofCover: -	RoofStruct: -
ExtType: -	YearBlt: -	Frame: -
Grade: -	EffYrBlt: -	PrimeWall: -
StoryHght: -	No.Units: -	SecWall: -

Interior Features

BedRooms: 0	Electric: -	PrmIntWall: -
FullBath: 0	HeatType: -	AvgHt/Ft: -
1/2Bath: 0	HeatFuel: -	Prm.Flors: -
%A/C: 0	%Heated: 0	%Sprinkled: 0

Special Features and Yard Items

Type	Y/S	Qty.	Units	Qual.	Cond.	YrBlt.

Land Information

No.	Use Type	Type	Measure	Depth
1	6000-GRZNG SLD CP	545 -Market Acres	69.59	
2	IP01-IMP PASTURE	N -Class Acres	69.59	

THIS INFORMATION IS BELIEVED TO BE CORRECT AT THIS TIME BUT IT IS SUBJECT TO CHANGE AND IS NOT WARRANTED.

PROPERTY RECORD CARD

Midway St Lucie LLC Record: 1 of 1
 Property Identification

<<Prev Next >> Spec.Assmnt Taxes Exemptions Permits Home Print

Site Address: Selvitz Rd
 Sec/Town/Range: 32 :35S :40E
 Map ID: 24/32N
 Zoning: AR-1 - CO

ParcelID: 2432-211-0005-000-6
 Account #: 140362
 Use Type: GRZNG SLD CP
 City/Cnty: Fort Pierce



Ownership and Mailing

Owner: Midway St Lucie LLC
 Address: 675 W Indiantown Rd #201
 Jupiter FL 33458

Legal Description

32 35 40 N 1/2 OF SW 1/4 AND E 3/4 OF N 1/2 OF S 1/2 OF SW 1/4-
 LESS RD AND CANAL RS/W AND ALSO LESS
[More...](#)

Sales Information

Date	Price	Code	Deed	Book/Page
3/24/2005	7850000	01	WD	2202 / 1580
5/12/2000	950000	01	WD	1299 / 2353
1/1/1900	0			/

Assessment 2012

2012 Final: 628740
 Assessed: 9606
 Ag.Credit: 619134
 Exempt:
 Taxable:
 Taxes: 236.76

Total Land and Building

Land Value: 628740 Acres: 34.93
 Building Value: 0
 Finished Area: 0 SqFt

BUILDING INFORMATION

No Sketch
 Available



Exterior Features

View: -	RoofCover: -	RoofStruct: -
ExtType: -	YearBlt: -	Frame: -
Grade: -	EffYrBlt: -	PrimeWall: -
StoryHght: -	No.Units: -	SecWall: -

Interior Features

BedRooms: -	Electric: -	PrmIntWall: -
FullBath: -	HeatType: -	AvgHt/Ft: -
1/2Bath: -	HeatFuel: -	Prm.Flors: -
%A/C: -	%Heated: -	%Sprinkled: -

Special Features and Yard Items

Type	Y/S	Qty.	Units	Qual.	Cond.	YrBlt.

Land Information

No.	Use Type	Type	Measure	Depth
1	6000-GRZNG SLD CP	545 -Market Acres	34.93	
2	IP01-IMP PASTURE	N -Class Acres	34.93	

THIS INFORMATION IS BELIEVED TO BE CORRECT AT THIS TIME BUT IT IS SUBJECT TO CHANGE AND IS NOT WARRANTED.

PROPERTY RECORD CARD

Midway St Lucie LLC Record: 1 of 1
 Property Identification

<<Prev Next >> Spec.Assmnt Taxes Exemptions Permits Home Print

Site Address: TBD
 Sec/Town/Range: 32 :35S :40E
 Map ID: 24/31N
 Zoning: AR-1 - CO

ParcelID: 2432-343-0001-000-4
 Account #: 33009
 Use Type: GRZNG SLD CP
 City/Cnty: Fort Pierce



Ownership and Mailing

Owner: Midway St Lucie LLC
 Address: 675 W Indiantown Rd #201
 Jupiter FL 33458

Legal Description

32 35 40 S 1/2 OF SE 1/4 OF SW 1/4-LESS RD R/W- (18.28 AC) (12)
 (OR 2409-2308)

Sales Information

Date	Price	Code	Deed	Book/Page
10/24/2005	1860000	00	WD	2409 / 2308
12/13/2001	148000	00	WD	1471 / 1437
2/28/2001	100	01	PR	1375 / 0239
1/1/1900	0			/

Assessment 2012

2012 Final:	329040
Assessed:	5027
Ag.Credit:	324013
Exempt:	
Taxable:	
Taxes:	123.89

Total Land and Building

Land Value:	329040	Acres:	18.28
Building Value:	0		
Finished Area:	0	SqFt	

BUILDING INFORMATION

No Sketch
 Available



Exterior Features

View:	-	RoofCover:	-	RoofStruct:	-
ExtType:	-	YearBlt:	-	Frame:	-
Grade:	-	EffYrBlt:	-	PrimeWall:	-
StoryHght:	-	No.Units:	-	SecWall:	-

Interior Features

BedRooms:	-	Electric:	-	PrmIntWall:	-
FullBath:	-	HeatType:	-	AvgHt/Ft:	-
1/2Bath:	-	HeatFuel:	-	Prm.Flors:	-
%A/C:	-	%Heated:	-	%Sprinkled:	-

Special Features and Yard Items

Type	Y/S	Qty.	Units	Qual.	Cond.	YrBlt.

Land Information

No.	Use Type	Type	Measure	Depth
1	6000-GRZNG SLD CP	545 -Market Acres	18.28	
2	IP01-IMP PASTURE	N -Class Acres	18.28	

THIS INFORMATION IS BELIEVED TO BE CORRECT AT THIS TIME BUT IT IS SUBJECT TO CHANGE AND IS NOT WARRANTED.

St. Lucie Transportation Planning Organization
2010 Traffic Data Management

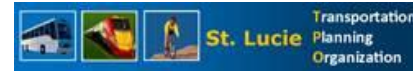
STATION	LOCATION	YEAR	AADT	EST AADT	K100	AM PKSEAS PEAK VOL	PM PKSEAS PEAK VOL
108	EDWARDS RD 200 FEET WEST OF SUNRISE BLVD	2010	14000	17000	0.103	1222	1346
110	EDWARDS RD 200 FEET WEST OF 25TH ST	2010	10000	12500	0.099	881	928
113	GLADES CUT-OFF RD 500 FEET SOUTH-WEST OF SELVITZ RD	2010	3900	4800	0.11	352	387
115	GLADES CUT-OFF RD 320 FEET NORTH-EAST OF MIDWAY RD	2010	5900	6300	0.114	488	623
131	JENKINS RD 600 FEET NORTH OF OKEECHOBEE RD	2010	7200	9100	0.101	587	666
133	JENKINS RD 0.25 MILES SOUTH OF OKEECHOBEE RD	2010	No Data	7000	No Data	607	656
134	MIDWAY RD 560 FEET WEST OF SELVITZ RD	2010	14500	17500	0.095	1147	1263
153	SUNRISE BLVD 300 FEET SOUTH OF EDWARDS RD	2010	3300	4200	0.116	291	349
159	25TH ST 315 FEET SOUTH OF EDWARDS RD	2010	18500	18500	0.103	1737	1777
172	25TH ST 730 FEET SOUTH OF MIDWAY RD	2010	17000	18500	0.109	1596	1690
174	EDWARDS RD 520 FEET EAST OF MCNEIL RD	2010	10500	10500	0.103	857	967
511	SUNRISE BLVD 520 FEET SOUTH OF VIRGINIA AVE	2010	5300	5700	0.114	427	555
529	25TH ST 310 FEET SOUTH OF VIRGINIA AVE	2010	21500	24000	0.103	2025	1901
688	OKEECHOBEE RD 230 FEET NORTH-EAST OF VIRGINIA AVE	2010	13500	13500	0.096	1026	1179
689	OKEECHOBEE RD 360 FEET NORTH-EAST OF 35TH ST	2010	15000	15000	0.096	1191	1308
940029	SR 70 / OKEECHOBEE RD - E OF SR 9/I-95 (COUNTY 29)	2010	No Data	30000	No Data	2143	2415
940030	SR 70 / VIRGINIA AVE - E OF OKEECHOBEE RD (COUNTY 30)	2010	No Data	21000	No Data	1538	1726
940032	SR 70 / VIRGINIA AVE - W OF SR 615/25 ST	2010	No Data	24000	No Data	1883	2004
940106	SR 70/OKEECHOBEE RD - W OF SR 9\I-95 (COUNTY 0106)	2010	No Data	27000	No Data	1876	1876
940742	SR 70/OKEECHOBEE RD - SW OF SR 70/VIRGINIA AVE (COUNTY 742)	2010	No Data	34000	No Data	2408	2917

FALL 2011 TRAFFIC COUNTS



STATION	LOCATION	AADT ¹	AM PEAK HR VOL	PM PEAK HR VOL
109	FLORESTA DR 0.5 MILES SOUTH-EAST O PRIMA VISTA BLVD	14000	1052	1249
317	FLORESTA DR 530 FEET SOUTH OF PT ST LUCIE BLVD	11500	963	1055
315	FLORESTA DR 720 FEET NORTH OF PT ST LUCIE BLVD	15000	1037	1286
107	FLORESTA DR 875 FEET EAST OF AIROSO BLVD	10000	835	1011
666	GARDENIA AVE 515 FEET WEST OF US-1	2400	206	231
668	GLADES CUT-OFF RD 0.8 MILES NORTH-EAST O RANGE LINE RD	1800	237	214
669	GRAHAM RD 0.27 MILES EAST OF KINGS HWY	2800	279	334
670	HARTMAN RD 845 FEET NORTH OF OKEECHOBEE RD	4800	401	477
671	HILLMOOR DR 430 FEET SOUTH-EAST OF TIFFANY AVE	3900	388	405
114	INDRIO RD 0.25 MILES EAST OF KINGS HWY	5400	442	642
133	JENKINS RD 0.25 MILES SOUTH OF OKEECHOBEE RD	6800	575	622
675	JOHNSTON RD 0.25 MILES SOUTH OF INDRIO RD	1400	127	156
135	JOHNSTON RD 770 FEET NORTH OF INDRIO RD	6400	634	684
122	JUANITA AVE 0.35 MILES WEST OF 25TH ST	3500	257	347
120	JUANITA AVE 825 FEET EAST OF 25TH ST	3100	213	293

FALL 2011 TRAFFIC COUNTS



STATION	LOCATION	AADT ¹	AM PEAK HR VOL	PM PEAK HR VOL
676	KINGS ISLE 525 FEET NORTH OF CASHMERE BLVD	7200	678	759
677	KIRBY LOOP RD 950 FEET WEST OF 35TH ST	3300	310	337
678	KITTERMAN RD 825 FEET EAST OF US-1	2500	288	239
679	LENNARD RD 460 FEET NORTH OF WALTON RD	3900	953	583
306	LYNGATE 500 FEET WEST OF US-1	11500	1102	989
166	MARIPOSA AVE 415 FEET EAST OF LENNARD RD	6800	965	678
167	MARIPOSA AVE 465 FEET WEST OF LENNARD RD	10000	980	1073
682	MC NEIL RD 850 FEET SOUTH OF OKEECHOBEE RD	4000	287	455
680	MCCARTY RD 810 FEET SOUTH OF MIDWAY RD	300	37	41
683	MELALEUCA 940 FEET EAST OF LENNARD RD	10000	733	1005
242	MIDWAY RD 365 FEET WEST OF US-1	13500	994	1175
134	MIDWAY RD 560 FEET WEST OF SELVITZ RD	15000	1174	1312
228	MIDWAY RD 600 FEET WEST OF EAST TORINO BLVD	12500	1295	1181
132	MIDWAY RD 685 FEET WEST OF 25TH ST	13500	1132	1200
130	MIDWAY RD 750 FEET WEST OF SUNRISE BLVD	16000	1299	1415
333	MORNINGSIDE 0.46 MILES SOUTH OF PT ST LUCIE BLVD	3100	304	359

FALL 2011 TRAFFIC COUNTS



STATION	LOCATION	AADT ¹	AM PEAK HR VOL	PM PEAK HR VOL
700	Q AVENUE 860 FEET WEST OF 25TH ST	4600	349	465
702	SAVONA BLVD 720 FEET NORTH OF GATLIN BLVD	12000	969	1096
703	SELVITZ RD 0.23 MILES NORTH OF MIDWAY RD	6800	710	644
704	SELVITZ RD 700 FEET SOUTH OF EDWARDS RD	10500	982	999
705	SHINN RD 310 FEET NORTH OF MIDWAY RD	600	87	77
337	SOUTHBEND BLVD 800 FEET SOUTH OF FLORESTA DR	9100	797	873
707	ST JAMES BLVD 500 FEET EAST OF SELVITZ RD	4000	413	408
314	ST LUCIE WEST BLVD 0.65 MILES WEST OF AIROSO BLVD	21000	1469	1658
318	ST LUCIE WEST BLVD 900 FEET EAST OF PEACOCK LOOP	29000	2063	2344
708	SUNRISE BLVD 550 FEET SOUTH-WEST OF US-1	3400	307	382
320	TIFFANY AVE 660 FEET WEST OF LENNARD RD	5500	541	565
712	TRADITION PKWY 0.45 MILES EAST OF VILLAGE PKWY	16000	1408	1665
713	TULIP BLVD 0.25 MILES EAST OF PT ST LUCIE BLVD	6700	516	603
329	VETERANS MEMORIAL 0.2 MILES SOUTH OF LYNNGATE DR	15500	1157	1384
327	VETERANS MEMORIAL 0.4 MILES NORTH-EAST O LYNNGATE DR	11000	774	1026

RESIDENTIAL COMMITTED PROJECTS

Project Number	1	2	3	4	5	6
Name	Estancia-Fort Pierce	Celebration Pointe	Ravinia	River Landing	Sedona	Carriage Point
Dwelling Units	82	755	119	99	318	131
Exclude Lots from CMS?	Yes	Yes	Yes	Yes	Yes	Yes
Daily Trips	550	5,604	1,148	759	2,617	1,333
Peak Hour Two-Way	52	557	121	79	258	134
Peak Hour Inbound Trips	35	363	77	50	165	84
Peak Hour Outbound Trips	17	194	44	29	93	50
Year (Buildout)						2013
Percent Complete	0%	0%	0%	0%	0%	0%
Include	Yes	Yes	Yes	Yes	Yes	yes
Include Function	1	1	1	1	1	1

NON-RESIDENTIAL COMMITTED PROJECTS

Project Number	1	2	3	4	5
Name	Newberry Fields	Midway Rd Prof Plaza	J.J. Taylor	Waste Management Transfer Station	Waste Pro
Daily Trips	12,204	304	207	62	72
Peak Hour Two-Way Trips	1,174	46	89	8	36
Peak Hour Inbound Trips	575	12	17	0	18
Peak Hour Outbound Trips	599	34	72	8	18
Year (Buildout)			2,011	2,012	2,012
Percent Complete	0%	0%	0%	0%	0%
Include	Yes	Yes	Yes	Yes	Yes
Include Function	1	1	1	1	1

Residential Projects; PM Peak Hour 2-Way Trips

			1	2	3	4	5	6
Roadway	From	To	Estancia- Fort Pierce	Celebration Pointe	Ravinia	River Landing	Sedona	Carriage Point
25TH ST.	Edwards Rd	Midway Rd	0	17	0	0	0	0
25TH ST.	Midway Rd	Airoso Blvd	0	0	0	0	0	0
25TH ST.	Virginia Ave	Edwards Rd	42	28	0	0	90	28
BELL AVE.	Sunrise Blvd	Oleander Ave	0	0	0	0	13	0
BELL AVE.	25th St	Sunrise Blvd	0	0	0	0	21	0
EDWARDS RD	25th St	Sunrise Blvd	13	0	0	0	65	35
EDWARDS RD	Selvitz Rd	25th St	8	28	0	0	77	64
EDWARDS RD	Oleander Ave	US 1	0	0	0	0	5	0
EDWARDS RD	Jenkins Rd	Selvitz Rd	0	56	0	0	13	25
EDWARDS RD	Sunrise Blvd	Oleander Ave	0	0	0	0	26	0
INDRIO RD	Kings Hwy	US 1	0	0	0	0	0	0
JENKINS RD.	Okeechobee Rd	Orange Ave	0	334	0	0	0	4
JENKINS RD.	Edwards Rd	Okeechobee Rd	0	56	0	0	0	20
JOHNSTON RD.	Indrio Rd	IRC Line	0	0	0	0	0	0
MIDWAY RD.	US-1	Indian River Drive	0	0	0	11	0	0
MIDWAY RD.	25th St	Sunrise Blvd	0	0	42	15	0	0
MIDWAY RD.	Selvitz Rd	25th St	0	0	67	11	0	16
MIDWAY RD.	E Torino Pkwy	Selvitz Rd	0	0	48	11	0	7
MIDWAY RD.	Glades Cut-Off Rd	E Torino Pkwy	0	0	42	0	0	0
MIDWAY RD.	Sunrise Blvd	Oleander Ave	0	0	42	15	0	0
MORNINGSIDE BLVD.	Port St. Lucie Blvd	Lyngate Dr	0	0	0	0	0	0
OKEECHOBEE RD	I-95	Jenkins Rd	0	139	0	0	0	16
OKEECHOBEE RD	Crossroad Pkwy	I-95	0	84	0	0	0	7
OKEECHOBEE RD	Jenkins Rd	Virginia Ave	0	139	0	0	0	0
OKEECHOBEE RD	Virginia Ave	25th St	0	28	0	0	0	4
OKEECHOBEE RD	Midway Rd	Florida Turnpike	0	11	0	0	0	0
OKEECHOBEE RD	County Line	Midway Rd	0	0	0	0	0	0
OKEECHOBEE RD	Florida Turnpike	Crossroads Pkwy	0	84	0	0	0	0
OLD DIXIE HWY.	St. Lucie Blvd	IRC Line	0	0	0	0	0	0
OLEANDER AVE.	Midway Rd	Farmer's Market Rd	0	0	0	2	0	0
OLEANDER AVE.	Kittermann Rd	Midway Rd	0	0	0	2	0	0
OLEANDER AVE.	Kittermann Rd	Midway Rd	0	0	0	2	0	0
OLEANDER AVE.	Farmer's Market Rd	Ewards Rd	0	0	0	0	3	0
OLEANDER AVE.	Virginia Ave	Sunrise Blvd	0	0	0	0	0	0
OLEANDER AVE.	Edwards Rd	Virginia Ave	0	0	0	0	10	0
ORANGE AVE.	OC Line	Shinn Rd	0	0	0	0	0	0
ORANGE AVE.	Kings Hwy	I-95	0	28	0	0	0	0
ORANGE AVE.	I-95	Jenkins Rd	0	111	0	0	0	0
ORANGE AVE.	Jenkins Rd	Angle Rd	0	111	0	0	0	0
ORANGE AVE.	Angle Rd	28th St	0	84	0	0	0	0
ORANGE AVE.	28th St	25th St	0	84	0	0	0	0
ORANGE AVE.	25th St	13th St	0	28	0	0	0	0
ORANGE AVE.	13th St	7th St	0	0	0	0	0	0
ORANGE AVE.	7th St	US 1	0	0	0	0	0	0
SELVITZ RD	Edwards Rd	Glades Cut-Off Rd	0	0	0	0	0	90
SELVITZ RD	Glades Cut-Off Rd	Midway Rd	0	0	0	0	0	36
SELVITZ RD	Midway Rd	St. James Blvd	0	0	0	0	0	0
SELVITZ RD	St. James Blvd	Airoso Blvd	0	0	0	0	0	0

Residential Projects; PM Peak Hour 2-Way Trips

			1	2	3	4	5	6
Roadway	From	To	Estancia- Fort Pierce	Celebration Pointe	Ravinia	River Landing	Sedona	Carriage Point
SHINN RD.	Okeechobee Rd	Orange Ave	0	0	0	0	0	0
SNEED RD.	Okeechobee Rd	Orange Ave	0	0	0	0	0	0
ST. JAMES DR	Midway Rd	St. James Blvd	0	0	6	11	0	0
ST. JAMES DR	St. James Blvd	Airsos Blvd	0	0	0	11	0	0
SUNRISE BLVD.	Edwards Rd	Bell Ave	0	0	0	0	0	15
SUNRISE BLVD.	Bell Ave	Tumblin Kling Rd	0	0	0	0	8	0
SUNRISE BLVD.	Tumblin Kling Rd	Midway Rd	0	0	0	0	0	0
SUNRISE BLVD.	US 1	Virginia Ave	0	0	0	0	21	0
SUNRISE BLVD.	Virginia Ave	Cortez Blvd	0	0	0	0	26	0
SUNRISE BLVD.	Cortez Blvd	Edwards Rd	0	0	0	0	26	9
TIFFANY AVE.	Village Green	Lennard Rd	0	0	0	0	0	0
TIFFANY AVE.	US 1	Village Green	0	0	0	0	0	0
VIRGINIA AVE	Okeechobee Rd	33rd St	0	84	0	0	10	0
VIRGINIA AVE	33rd St	25th St	3	84	0	0	10	0
VIRGINIA AVE	25th St	13th St	3	28	0	0	8	0
VIRGINIA AVE	Oleander Ave	US 1	0	0	0	0	0	0
VIRGINIA AVE	Sunrise Blvd	Oleander Ave	0	0	0	0	3	0
VIRGINIA AVE	13th St	Sunrise Blvd	0	0	0	0	8	0
W. TORINO PKWY.	S. Torino Pkwy	E. Torino Pkwy	0	0	0	0	0	0
WEATHERBEE RD.	US 1	Midway Rd	0	0	0	0	0	0
WESTMORELAND BLVD.	Morningside Blvd	US 1	0	0	0	0	0	0
WESTMORELAND BLVD.	Port St. Lucie Blvd	Morningside Blvd	0	0	0	0	0	0
US 1	A1A South	Orange Ave	0	0	0	0	0	0
US 1	Indrio Rd	St. Lucie Blvd	0	0	0	0	0	0
US 1	St. Lucie Blvd	A1A North	0	0	0	0	0	0
US 1	IRC Line	Indrio Road	0	0	0	0	0	0
US 1	A1A North	A1A South	0	0	0	0	0	0
US 1	Sunrise Blvd	Virginia Ave	0	0	0	0	0	0
US 1	Delaware Ave	Sunrise Blvd	0	0	0	0	0	0
US 1	Walton Rd	Port St. Lucie Blvd	0	0	0	0	0	0
US 1	Village Green Dr	Walton Rd	0	0	0	0	0	0
US 1	Edwards Rd	Midway Rd	0	0	12	2	3	0
US 1	Orange Ave	Delaware Ave	0	0	0	0	0	0
US 1	Midway Rd	Prima Vista Blvd	0	0	6	5	0	0
US 1	Prima Vista Blvd	Village Green Dr	0	0	0	0	0	0
US 1	Virginia Ave	Edwards Rd	0	0	0	0	3	0
25TH ST.	Juanita Ave	Ave Q	0	0	0	0	0	0
25TH ST.	US 1	St. Lucie Blvd	0	0	0	0	0	0
25TH ST.	St. Lucie Blvd	Juanita Ave	0	0	0	0	0	0
25TH ST.	Ave Q	Orange Ave	0	0	0	0	0	0
25TH ST.	St. Lucie Blvd	Juanita Ave	0	0	0	0	0	0
25TH ST.	Orange Ave	Okeechobee Rd	0	28	0	0	39	0
25TH ST.	Okeechobee Rd	Virginia Ave	10	11	0	0	65	0
25TH ST.	Virginia Ave	Edwards Rd	42	28	0	0	90	28
MIDWAY RD.	Okeechobee Rd	I-95	0	0	6	0	0	0
MIDWAY RD.	I-95	Glades Cut-Off Rd	0	0	36	0	0	0
MIDWAY RD.	Oleander Ave	US 1	0	0	42	0	0	0

Non-Residential Projects; PM Peak Hour 2-Way Trips

			1	2	3	4	5
Roadway	From	To	Newberry Fields	Midway Rd Prof Plaza	J.J. Taylor	Waste Manage	Waste Pro
25TH ST.	Edwards Rd	Midway Rd	12	3	0	0	2
25TH ST.	Midway Rd	Airoso Blvd	0	1	0	0	1
25TH ST.	Virginia Ave	Edwards Rd	12	0	0	0	2
ANGLE RD.	Orange Ave	Kings Hwy	12	0	0	0	0
BELL AVE.	Sunrise Blvd	Oleander Ave	0	0	0	0	0
BELL AVE.	25th St	Sunrise Blvd	0	0	0	0	0
DELAWARE AVE.	Harman Rd	25th St	0	0	0	0	0
EDWARDS RD	25th St	Sunrise Blvd	70	0	0	0	7
EDWARDS RD	Selvitz Rd	25th St	82	0	0	1	11
EDWARDS RD	Oleander Ave	US 1	35	0	0	0	0
EDWARDS RD	Jenkins Rd	Selvitz Rd	200	0	3	0	4
EDWARDS RD	Sunrise Blvd	Oleander Ave	70	0	0	0	0
GLADES CUT OFF RD	Florida Turnpike	Selvitz Rd	23	0	0	6	4
GLADES CUT OFF RD	Midway Rd	Florida Turnpike	0	0	0	6	4
GLADES CUT OFF RD	Reserve Blvd	Commerce Cntr Dr	0	0	0	0	0
GLADES CUT OFF RD	Rangeline Rd	Reserve Blvd	0	0	0	0	0
GLADES CUT OFF RD	Commerce Cntr Dr	Midway Rd	0	0	0	0	0
JENKINS RD.	Okeechobee Rd	Orange Ave	176	0	6	0	0
JENKINS RD.	Edwards Rd	Okeechobee Rd	963	0	4	0	0
MIDWAY RD.	US-1	Indian River Drive	0	0	0	0	0
MIDWAY RD.	25th St	Sunrise Blvd	0	18	0	0	2
MIDWAY RD.	Selvitz Rd	25th St	0	28	0	0	4
MIDWAY RD.	E Torino Pkwy	Selvitz Rd	0	28	0	0	5
MIDWAY RD.	Glades Cut-Off Rd	E Torino Pkwy	0	28	0	0	0
MIDWAY RD.	Sunrise Blvd	Oleander Ave	0	18	0	0	0
OKEECHOBEE RD	I-95	Jenkins Rd	493	0	40	0	0
OKEECHOBEE RD	Crossroad Pkwy	I-95	176	0	58	0	0
OKEECHOBEE RD	Jenkins Rd	Virginia Ave	294	0	27	0	0
OKEECHOBEE RD	Virginia Ave	25th St	117	0	12	0	0
OKEECHOBEE RD	Midway Rd	Florida Turnpike	47	0	9	0	0
OKEECHOBEE RD	County Line	Midway Rd	0	0	0	0	0
OKEECHOBEE RD	Florida Turnpike	Crossroads Pkwy	117	0	31	0	0
OLEANDER AVE.	Midway Rd	Farmer's Market Rd	0	0	0	0	0
OLEANDER AVE.	Kittermann Rd	Midway Rd	0	0	0	0	0
OLEANDER AVE.	Kittermann Rd	Midway Rd	0	0	0	0	0
OLEANDER AVE.	Farmer's Market Rd	Ewards Rd	0	0	0	0	0
OLEANDER AVE.	Virginia Ave	Sunrise Blvd	0	0	0	0	0
OLEANDER AVE.	Edwards Rd	Virginia Ave	0	0	0	0	0
ORANGE AVE.	OC Line	Shinn Rd	0	0	0	0	0
ORANGE AVE.	Kings Hwy	I-95	94	0	0	0	0
ORANGE AVE.	I-95	Jenkins Rd	82	0	0	0	0
ORANGE AVE.	Jenkins Rd	Angle Rd	12	0	0	0	0
ORANGE AVE.	Angle Rd	28th St	12	0	0	0	0
ORANGE AVE.	28th St	25th St	12	0	0	0	0
SELVITZ RD	Edwards Rd	Glades Cut-Off Rd	94	0	0	1	14
SELVITZ RD	Glades Cut-Off Rd	Midway Rd	47	0	0	1	18

Non-Residential Projects; PM Peak Hour 2-Way Trips

			1	2	3	4	5
Roadway	From	To	Newberry Fields	Midway Rd Prof Plaza	J.J. Taylor	Waste Manage	Waste Pro
SELVITZ RD	Midway Rd	St. James Blvd	0	0	0	0	9
SELVITZ RD	St. James Blvd	Airoso Blvd	0	0	0	0	0
ST. JAMES DR	Midway Rd	St. James Blvd	0	1	0	0	0
ST. JAMES DR	St. James Blvd	Airosos Blvd	0	0	0	0	0
SUNRISE BLVD.	Edwards Rd	Bell Ave	0	0	0	0	0
SUNRISE BLVD.	Bell Ave	Tumblin Kling Rd	0	0	0	0	0
SUNRISE BLVD.	Tumblin Kling Rd	Midway Rd	0	0	0	0	0
SUNRISE BLVD.	US 1	Virginia Ave	0	0	0	0	0
SUNRISE BLVD.	Virginia Ave	Cortez Blvd	0	0	0	0	0
SUNRISE BLVD.	Cortez Blvd	Edwards Rd	0	0	0	0	0
VIRGINIA AVE	Okeechobee Rd	33rd St	117	0	9	0	0
VIRGINIA AVE	33rd St	25th St	117	0	0	0	0
VIRGINIA AVE	25th St	13th St	59	0	0	0	0
US 1	Sunrise Blvd	Virginia Ave	0	0	0	0	0
US 1	Delaware Ave	Sunrise Blvd	0	0	0	0	0
US 1	Walton Rd	Port St. Lucie Blvd	0	0	0	0	0
US 1	Village Green Dr	Walton Rd	0	0	0	0	0
US 1	Edwards Rd	Midway Rd	0	0	0	0	0
US 1	Orange Ave	Delaware Ave	0	0	0	0	0
US 1	Midway Rd	Prima Vista Blvd	0	0	0	0	0
US 1	Prima Vista Blvd	Village Green Dr	0	0	0	0	0
US 1	Virginia Ave	Edwards Rd	0	0	0	0	0
25TH ST.	Juanita Ave	Ave Q	0	0	0	0	0
25TH ST.	US 1	St. Lucie Blvd	0	0	0	0	0
25TH ST.	St. Lucie Blvd	Juanita Ave	0	0	0	0	0
25TH ST.	Ave Q	Orange Ave	23	0	0	0	0
25TH ST.	St. Lucie Blvd	Juanita Ave	0	0	0	0	0
25TH ST.	Orange Ave	Okeechobee Rd	23	0	0	0	0
25TH ST.	Okeechobee Rd	Virginia Ave	12	0	0	0	0
25TH ST.	Virginia Ave	Edwards Rd	12	0	0	0	0
MIDWAY RD.	Okeechobee Rd	I-95	47	0	0	0	0
MIDWAY RD.	I-95	Glades Cut-Off Rd	12	0	0	0	0
MIDWAY RD.	Oleander Ave	US 1	0	0	0	0	0

ARTPLAN 2009 Conceptual Planning Analysis

Project Information

Analyst	MEP	Arterial Name	Edwards Road	Study Period	K100
Date Prepared	2/9/2011 11:23:14 AM	From	Selvitz Rd	Modal Analysis	Auto Only
Agency	MEP	To	25th St	Program	ARTPLAN 2009
Area Type	Other Urbanized	Peak Direction	Eastbound	Version Date	3/7/10
Arterial Class	1				
File Name	C:\Users\Shaun\AppData\Local\Temp\preview.xml				
User Notes					

Arterial Data

K	0.095	PHF	0.95	Control Type	Semiactuated
D	0.55	% Heavy Vehicles	2	Base Sat. Flow Rate	1950

Automobile Intersection and Segment Data

Segment #	Cycle Length	Thru g/C	Arr. Type	INT # Dir.Lanes	% Left Turns	% Right Turns	Left Turn Lanes	# Left Turn Lanes	LT Storage Length	Left g/C	Right Turn Lanes	Length	AADT	Hourly Vol.	SEG # Dir.Lanes	FFS	Median Type
1 (to 25th St)	120	0.33	3	2	34	0	Yes	1	235	0.25	No	5280	14380	751	2	50	Restrictive

Automobile LOS

Segment #	Thru Mvmt Flow Rate	Adj. Sat. Flow Rate	v/c	Control Delay	Int. Approach LOS	Queue Ratio	Speed (mph)	Segment LOS			
1 (to 25th St)	522	3480	0.454	32.84	C	0.94	33.19	C			
Arterial Length	1.0000	Weighted g/C	0.33	FFS Delay	36.47	Threshold Delay	0.00	Auto Speed	33.19	Auto LOS	C

Automobile Service Volumes

Note: The maximum normally acceptable directional service volume for LOS E in Florida for this facility type and area type is 950 veh/h/ln.

	A	B	C	D	E
Lanes	Hourly Volume In Peak Direction				
1	**	260	830	900	***
2	**	580	1720	1800	1820
3	**	900	2610	2720	2740
4	**	1230	3500	3640	***
*	**	580	1720	1800	1820
Lanes	Hourly Volume In Both Directions				
2	**	480	1510	1620	***
4	**	1060	3130	3290	3300
6	**	1640	4750	4960	4970
8	**	2240	6370	6630	***
*	**	1060	3130	3290	3300
Lanes	Annual Average Daily Traffic				
2	**	5000	15900	17100	***
4	**	11200	33000	34700	34700
6	**	17300	50000	52200	52300
8	**	23600	67000	69800	***
*	**	11200	33000	34700	34700

* Service Volumes for the specific facility being analyzed, based on # of lanes from the intersection and segment data screens.

** Cannot be achieved based on input data provided.

*** Not applicable for that level of service letter grade. See generalized tables notes for more details.

Under the given conditions, left turn lane storage is highly likely to overflow. The number of directional thru lanes should be reduced accordingly.

Facility weighted g/C exceeds normally acceptable upper range (0.5); verify that g/C inputs are correct.

Intersection capacity (ies) are exceeded for the full hour; an operational level analysis tool is more appropriate for this situation.

ARTPLAN 2009 Conceptual Planning Analysis

Project Information

Analyst	MEP	Arterial Name	Midway Road	Study Period	K100
Date Prepared	2/9/2011 1:18:37 PM	From	E. Torino Pkwy	Modal Analysis	Auto Only
Agency	MEP	To	Selvitz Road	Program	ARTPLAN 2009
Area Type	Other Urbanized	Peak Direction	Eastbound	Version Date	3/7/10
Arterial Class	1				
File Name	C:\Users\Shaun\AppData\Local\Temp\preview.xml				
User Notes					

Arterial Data

K	0.095	PHF	0.95	Control Type	Semiactuated
D	0.55	% Heavy Vehicles	2	Base Sat. Flow Rate	1950

Automobile Intersection and Segment Data

Segment #	Cycle Length	Thru g/C	Arr. Type	INT # Dir.Lanes	% Left Turns	% Right Turns	Left Turn Lanes	# Left Turn Lanes	LT Storage Length	Left g/C	Right Turn Lanes	Length	AADT	Hourly Vol.	SEG # Dir.Lanes	FFS	Median Type
1 (to Selvitz Road)	90	0.46	3	1	13	18	Yes	1	300	0.25	No	6864	15250	797	1	50	Non-Restrictive

Automobile LOS

Segment #	Thru Mvmt Flow Rate	Adj. Sat. Flow Rate	v/c	Control Delay	Int. Approach LOS	Queue Ratio	Speed (mph)	Segment LOS			
1 (to Selvitz Road)	730	1745	0.910	28.37	C	0.19	34.95	B			
Arterial Length	1.3000	Weighted g/C	0.46	FFS Delay	40.32	Threshold Delay	0.00	Auto Speed	34.95	Auto LOS	B

Automobile Service Volumes

Note: The maximum normally acceptable directional service volume for LOS E in Florida for this facility type and area type is 950 veh/h/ln.

	A	B	C	D	E
Lanes	Hourly Volume In Peak Direction				
1	230	850	940	***	***
2	500	1780	1900	***	***
3	780	2700	2860	***	***
4	1050	3620	3820	***	***
*	230	850	940	***	***
Lanes	Hourly Volume In Both Directions				
2	420	1550	1700	***	***
4	910	3240	3450	***	***
6	1420	4910	5190	***	***
8	1910	6590	6940	***	***
*	420	1550	1700	***	***
Lanes	Annual Average Daily Traffic				
2	4500	16300	17900	***	***
4	9600	34100	36300	***	***
6	15000	51700	54700	***	***
8	20100	69300	73100	***	***
*	4500	16300	17900	***	***

* Service Volumes for the specific facility being analyzed, based on # of lanes from the intersection and segment data screens.

** Cannot be achieved based on input data provided.

*** Not applicable for that level of service letter grade. See generalized tables notes for more details.

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