



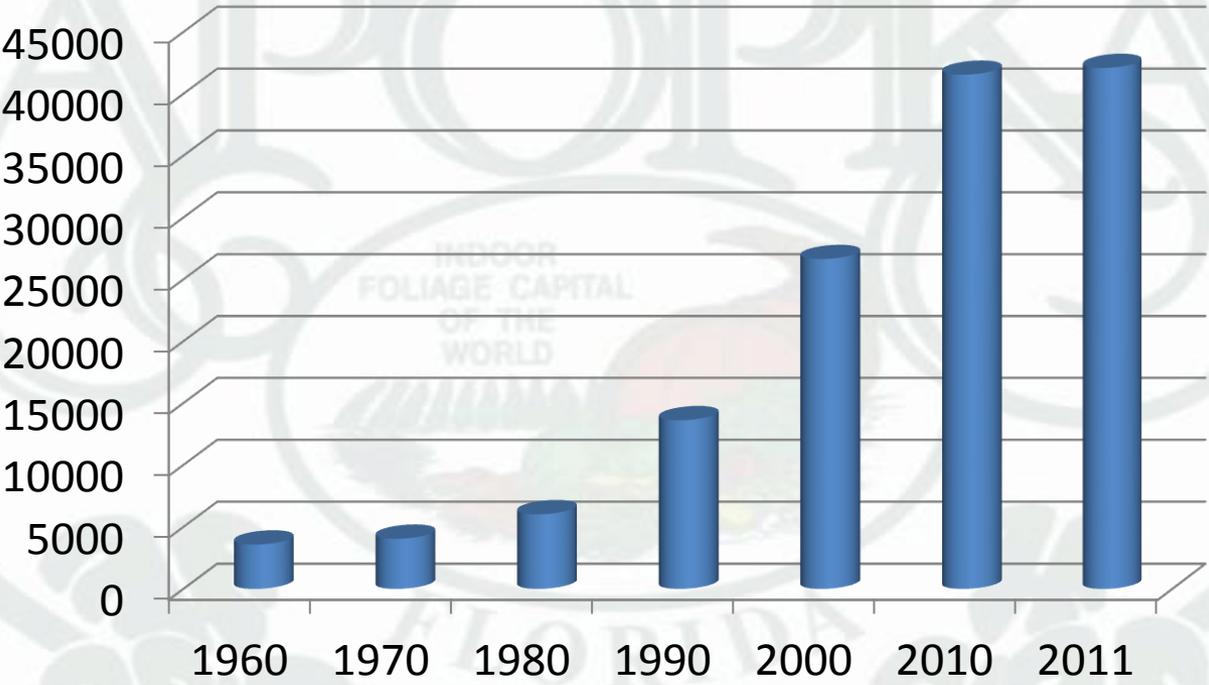
Transportation Needs of the City of Apopka

**Congressman John L. Mica
Chairman of the Transportation
and Infrastructure Committee
U.S. House of Representatives.**

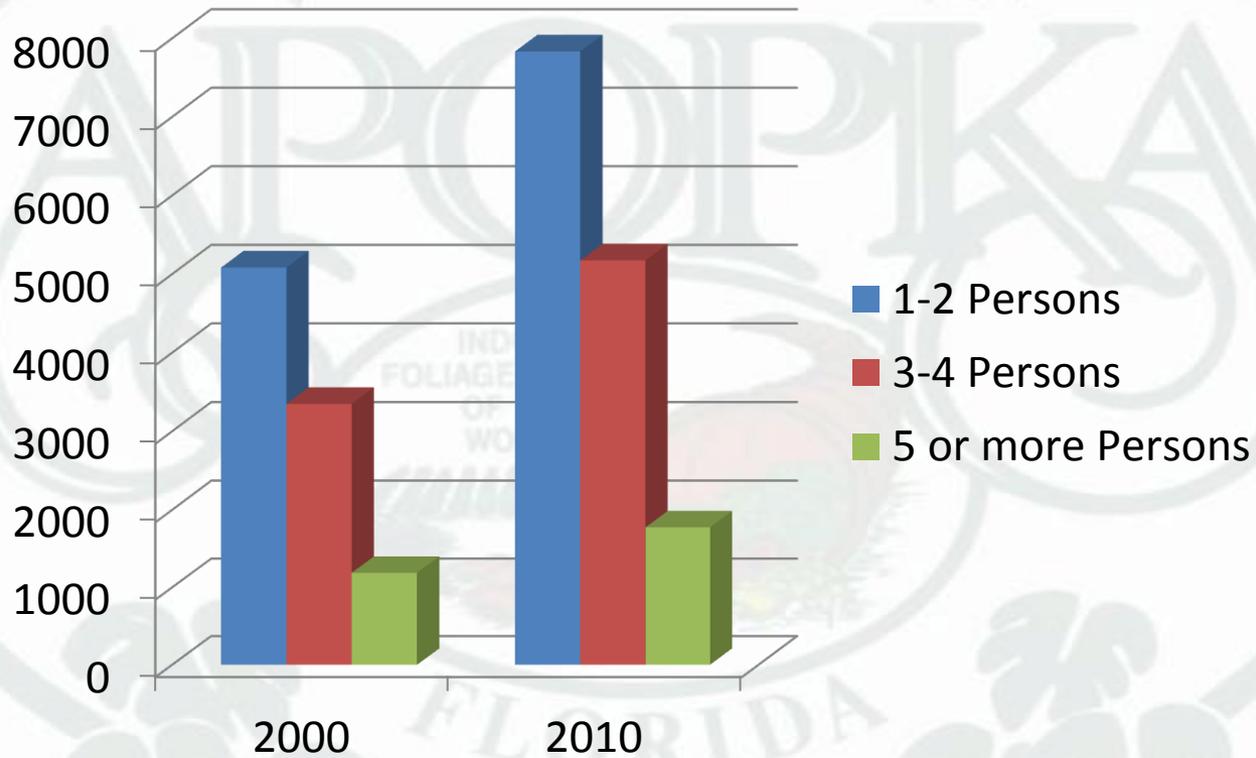
July 16, 2012

City of Apopka Population Growth

Population Growth

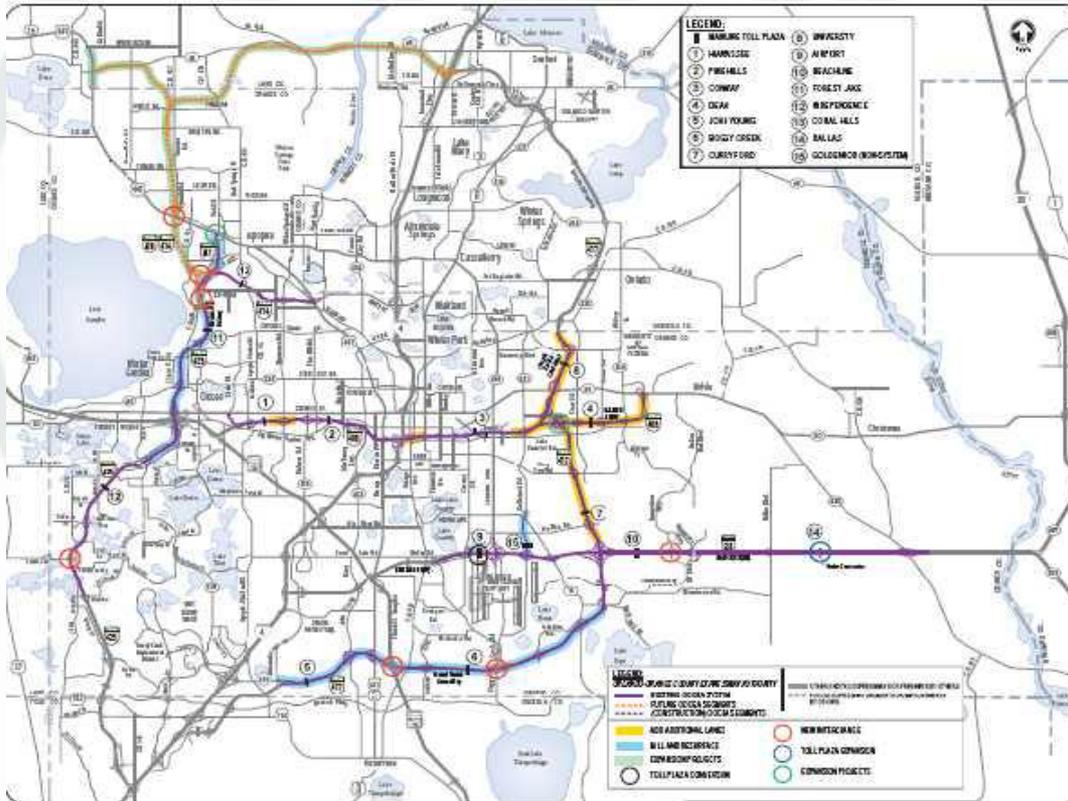


Housing



TRANSPORTATION

Studies show companies require the following for economic sustainability and investment:



Quality Education

Safe Communities

Affordable & Diverse
Housing

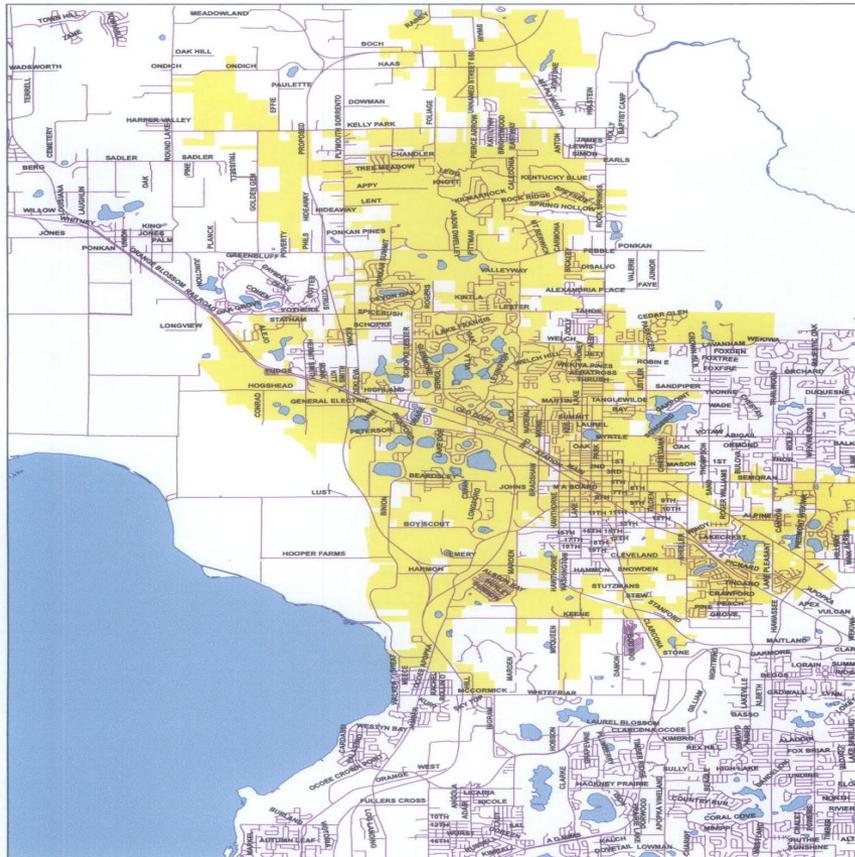
Arts, Culture & Recreation

Telecommunications/
Interconnectivity

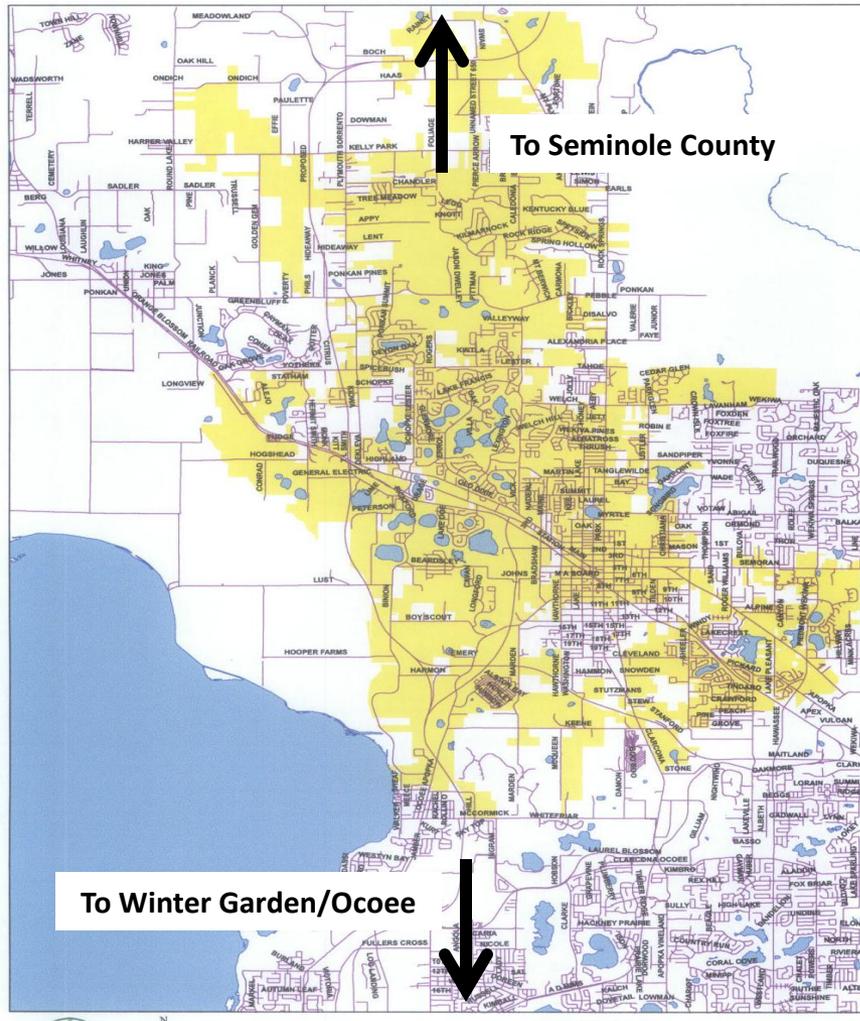
TRANSPORTATION

1882

CITY OF APOPKA CENTER OF NORTHWEST ORANGE COUNTY REGIONALLY CONNECTING THE AREA



WINTER GARDEN/OCOEE TO SEMINOLE COUNTY



To Seminole County

To Winter Garden/Ocoee

TRANSPORTATION NEEDS OF THE CITY OF APOPKA

**Roads
Transit
Airport
Commuter Rail
Bicycle
Pedestrian**

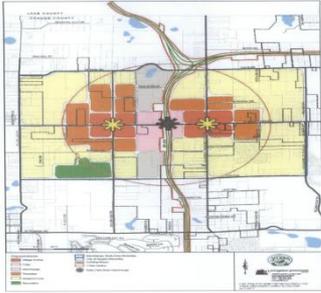
**Connecting Apopka to the Region in a
Safe and Efficient Manner.**

ACTIVITY AREAS



VISION PLANS

Wekiva Parkway Vision Plan



Town Center Vision Plan



West Side Research Park



Northwest Distribution Center



Business Aviation Center



Apopka Town Center

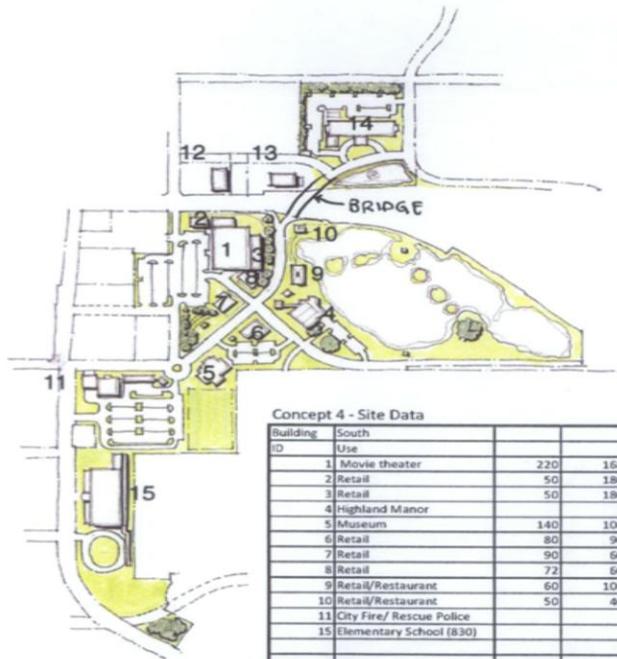


Cultural Enhancements

Urban Renewal

Public-Private Partnership

Connecting North to South Monroe Avenue to 6th Street Vehicle – Pedestrian - Bicycle

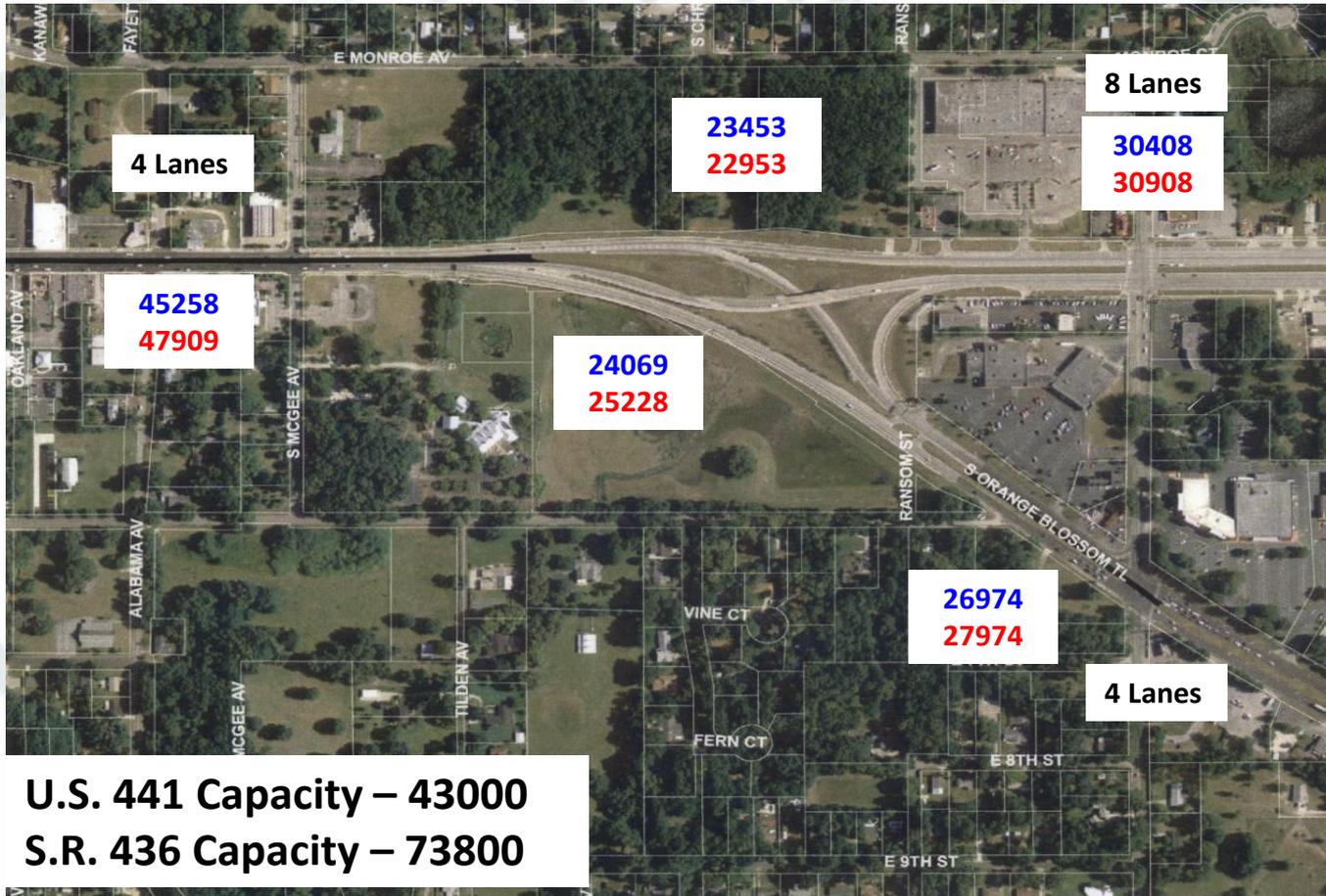


Concept 4 - Site Data

Building ID	South Use			total	Parking Ratio Ratio(Spaces/1000 sf.)	Provided	Difference	Diff. in Sq. Ft.	
1	Movie theater	220	168	36,960	5	185		5	
2	Retail	50	180	9,000	5	45			
3	Retail	50	180	9,000	5	45			
4	Highland Manor			15,600	5	78			
5	Museum	140	100	14,000	5	70			
6	Retail	80	90	7,200	5	36			
7	Retail	90	60	5,400	5	27			
8	Retail	72	60	4,320	5	22			
9	Retail/Restaurant	60	100	6,000	5	30			
10	Retail/Restaurant	50	40	2,000	5	10			
11	City Fire/ Rescue Police			17,300	2	35			
15	Elementary School (830)			90,000	2	180			
				216,780		762	614	-148	-29600
	North								
12	Retail/Restaurant	60	100	6,000	5	30			
13	Retail/Restaurant	60	100	6,000	5	30			
14	Hotel/ Conference			60,000	150	210	469	259	51800
				Totals		972	1,083	111	22,200

Concept Study 4

DAILY TRAFFIC VOLUMES



Existing Traffic Volumes
Traffic volumes with Town Center Project

Table 2
Apopka Town Center - Base Year Projected Roadway Volumes with Project

Roadway/Segment	No. of Lanes	LOS Standard	Daily Capacity	Existing Daily Volume	Change in Daily Volumes w/ Alternatives	Projected Daily Volumes w/ Alternatives	Project Distribution	Project Daily Volumes	Projected Total Volumes	Capacity OK?
East-West Roadway Network										
US 441 (Orange Blossom Trail)										
Hawthorne Ave to Central Ave	5L	D	43,400	36,348	(3,000)	33,348	12.7%	1,247	34,595	Yes
Central Ave to Park Ave	5L	D	43,400	36,500	(3,000)	33,500	10.1%	992	34,492	Yes
Park Ave to Highland Ave	5L	D	43,400	43,282	(3,000)	40,282	14.3%	1,404	41,686	Yes
Highland Ave to Alabama Ave	5L	D	43,400	45,966	(5,000)	40,966	13.1%	1,286	42,252	Yes
Alabama Ave to SR 436	4LD	D	43,400	45,399	(5,000)	40,399	27.0%	2,651	43,050	Yes
SR 436 to Sheeler Rd	4LD	D	44,200	24,259	(1,500)	22,759	11.8%	1,159	23,918	Yes
Monroe Avenue/ 2nd Street										
US 441 to Park Avenue	2L	E	8,600	1,000	2,000	3,000	3.7%	363	3,363	Yes
Park Ave to Alabama Avenue	2L	E	8,600	4,317	1,500	5,817	9.3%	913	6,730	Yes
Alabama Avenue to Sheeler Road	2L	E	8,600	5,190	(1,300)	3,890	10.3%	1,011	4,901	Yes
5th Street										
Park Avenue to Highland Avenue	2L	E	8,600	1,908	1,000	2,908	4.8%	471	3,379	Yes
Highland Avenue to McGee Avenue	2L	E	8,600	N/A	3,000	3,000	6.5%	638	3,638	Yes
6th Street										
Park Avenue to Alabama Avenue	2L	E	8,600	2,824	-	2,824	2.2%	216	3,040	Yes
Alabama Avenue to US 441	2L	E	8,600	681	3,000	3,681	12.6%	1,237	4,918	Yes
8th Street										
Park Avenue to Alabama Avenue	2L	E	8,600	2,548	(500)	2,048	7.1%	697	2,745	Yes
Alabama Avenue to 9th Street	2L	E	8,600	N/A	500	500	2.7%	265	765	Yes
9th Street										
Central Ave to Park Ave	2L	E	8,600	2,729	200	2,929	0.5%	49	2,978	Yes
Park Ave to Alabama/ McGee Ext	2L	E	8,600	N/A	2,500	2,500	1.8%	177	2,677	Yes
Alabama/ McGee Ext to Sheeler Road	2L	E	8,600	N/A	2,000	2,000	2.1%	209	2,209	Yes
North-South Roadway Network										
Highland Avenue										
Monroe Avenue to US 441	2L	E	8,600	1,988	-	1,988	0.1%	10	1,998	Yes
US 441 to 5th Street	2L	E	8,600	776	-	776	1.4%	137	913	Yes
5th Street to 6th Street	2L	E	8,600	776	-	776	0.1%	10	786	Yes
6th Street to 8th Street	2L	E	8,600	776	-	776	0.2%	20	796	Yes
Edgewood Avenue										
Monroe Avenue to US 441	2L	E	8,600	2,111	(400)	1,711	0.0%	0	1,711	Yes
US 441 to 5th Street	2L	E	8,600	1,214	(100)	1,114	0.0%	0	1,114	Yes
Alabama Avenue										
Monroe Avenue to US 441	2L	E	8,600	261	1,000	1,261	2.1%	206	1,467	Yes
US 441 to 5th Street	2L	E	8,600	4,250	500	4,750	12.3%	1,208	5,958	Yes
5th Street to 6th Street	2L	E	8,600	4,250	500	4,750	11.1%	1,090	5,840	Yes
6th Street to 8th Street	2L	E	8,600	4,250	500	4,750	11.0%	1,080	5,830	Yes
McGee Avenue										
Monroe Avenue to US 441	2L	E	8,600	N/A	500	500	15.2%	1,493	1,993	Yes
US 441 to 5th Street	2L	E	8,600	N/A	3,500	3,500	27.1%	2,661	6,161	Yes
5th Street to 6th Street	2L	E	8,600	N/A	3,000	3,000	13.0%	1,277	4,277	Yes
6th Street to 8th Street	2L	E	8,600	N/A	100	100	13.0%	1,277	1,377	Yes
US 441 Overpass										
Monroe Avenue to 6th Street	2L	E	14,900	N/A	1,000	1,000	4.1%	403	1,403	Yes
SR 436 WB Off Ramp										
SR 436 to Monroe Avenue	1L	E	9,900	N/A	5,000	5,000	4.8%	471	5,471	Yes

Proposed Traffic Volumes with Town Center Project

Includes improvements such as:

- Bridge
- 9th Street Extension
- Sheeler Intersection

Results of improvements

- Volumes within capacity
- Pedestrian accessibility
- Enhanced multi modal
- Urban renewal
- Economic viability

Interconnectivity 9th Street External Sheeler Road Realignment



West Side Research Park



Concept Plan

West Side Research Park

Binion Road Realignment Safety Enhancement



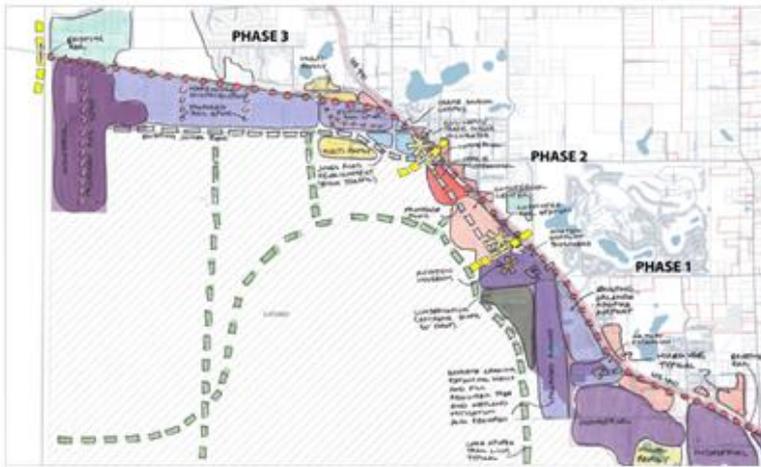
Business Aviation Center



**Access to Air – Rail – Interstate
Interconnectivity**



Business Aviation Center Preliminary Concept Plans

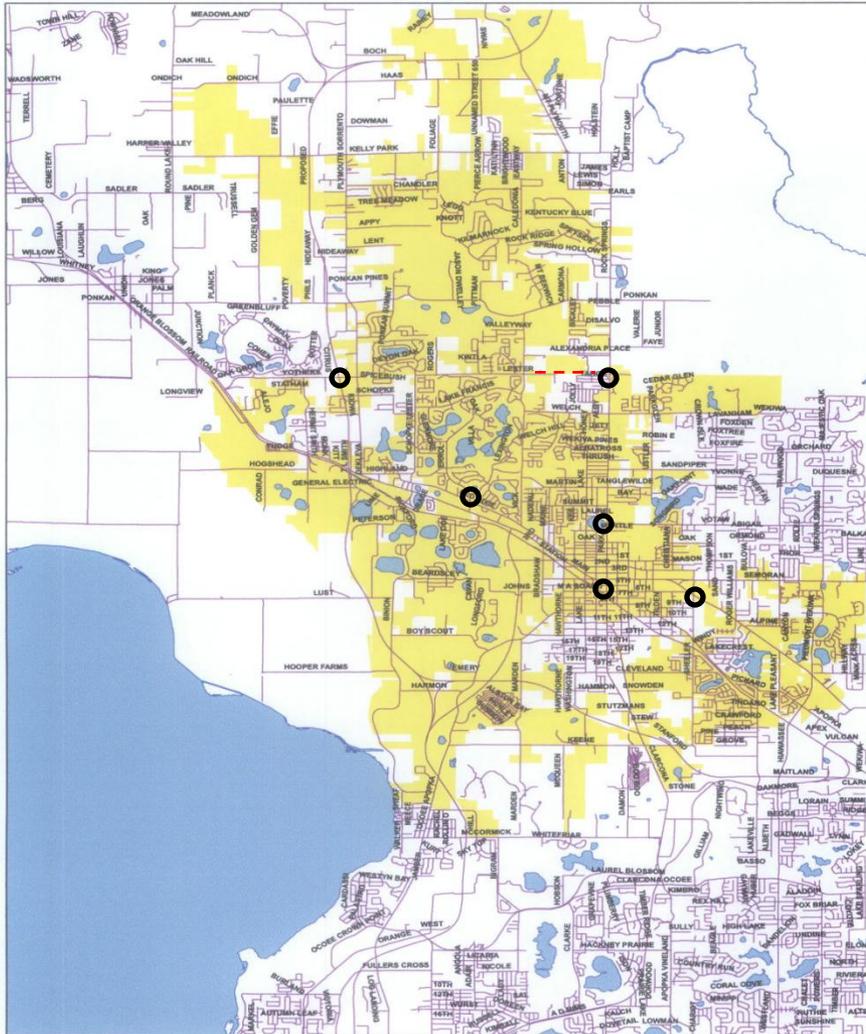


Concept 1



Concept 2

Traffic Operation Projects



Errol Parkway & Old Dixie Highway

Park Avenue & 5th Street

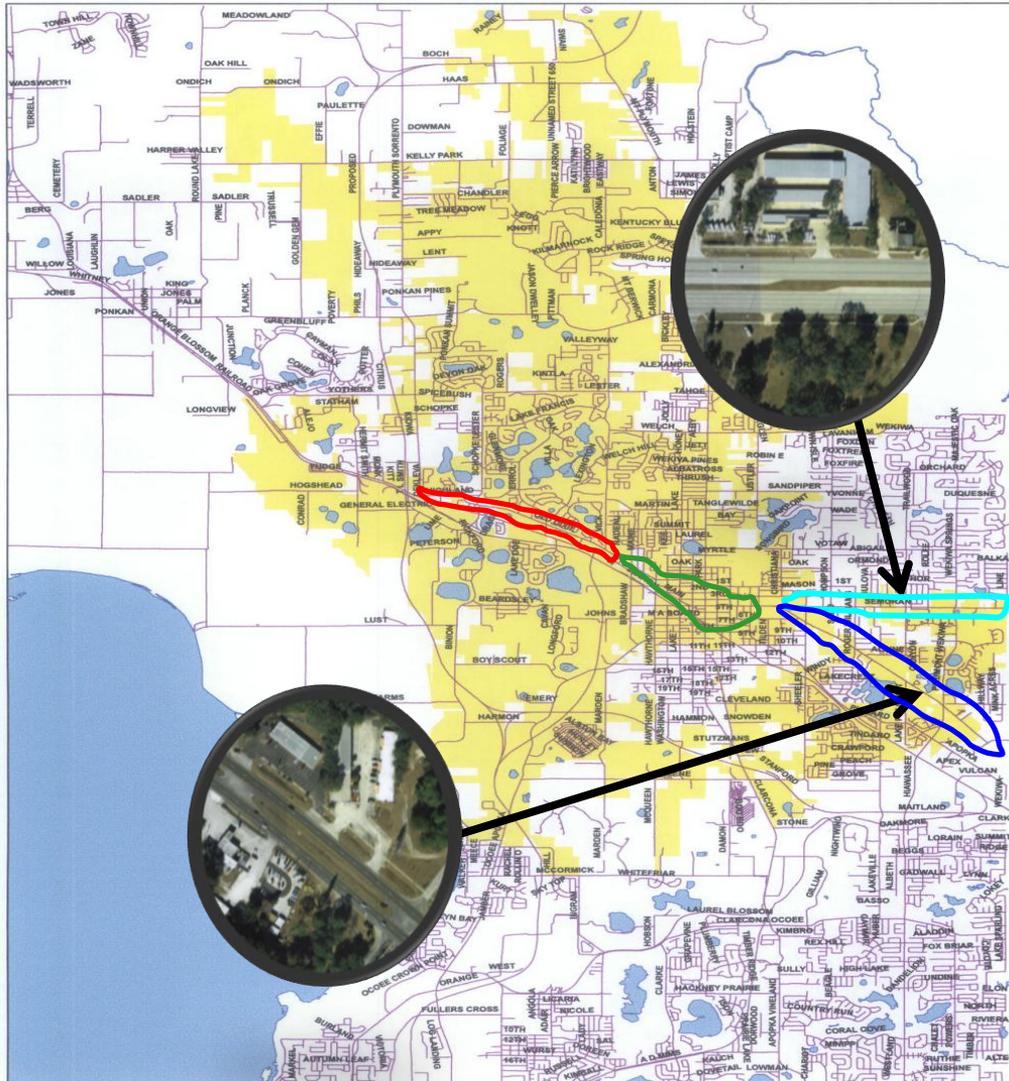
Park Avenue & Votaw Road

Plymouth Sorrento Road & Yothers/Lester Roads

Rock Springs Road & Lester Road

US 41 and Sheeler Avenue

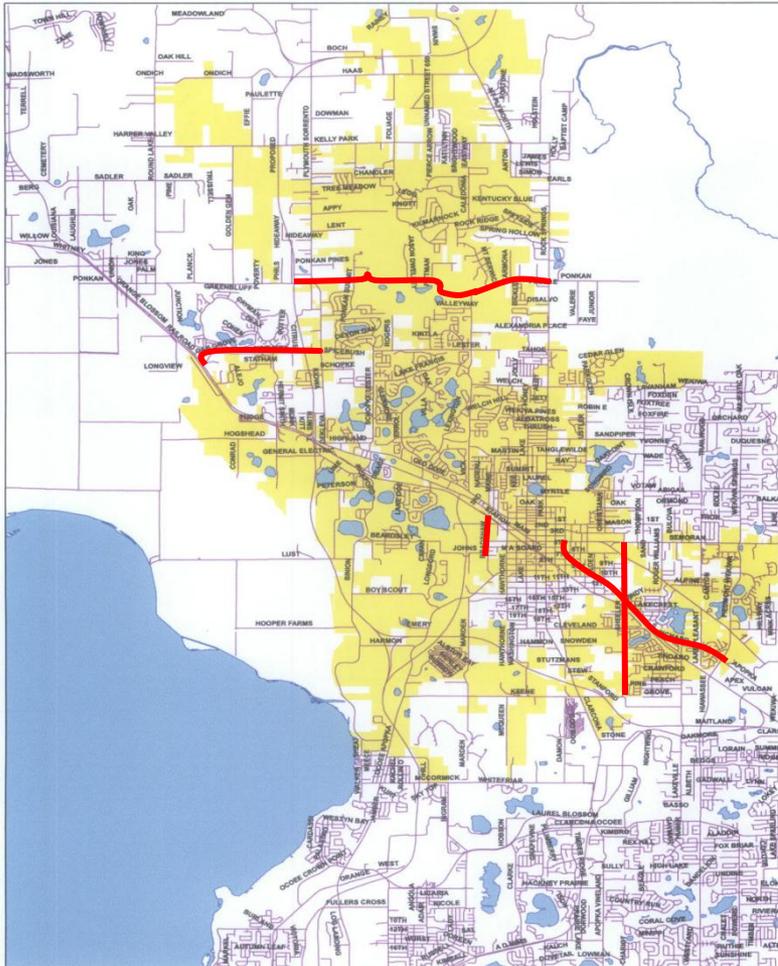
Median Enhancements



U.S. 436
U.S. 441

**Creating a
Livable
Community**

Roadway Safety Improvements



Bradshaw Road

Yothers Road

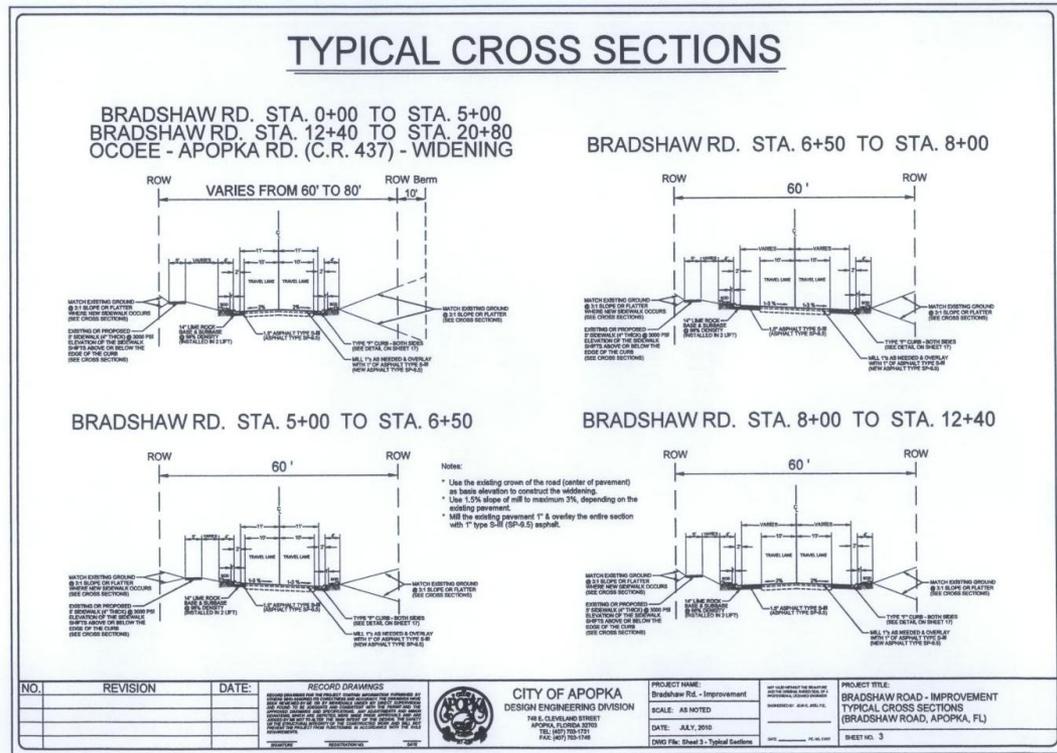
Ponkan Road

Apopka Boulevard

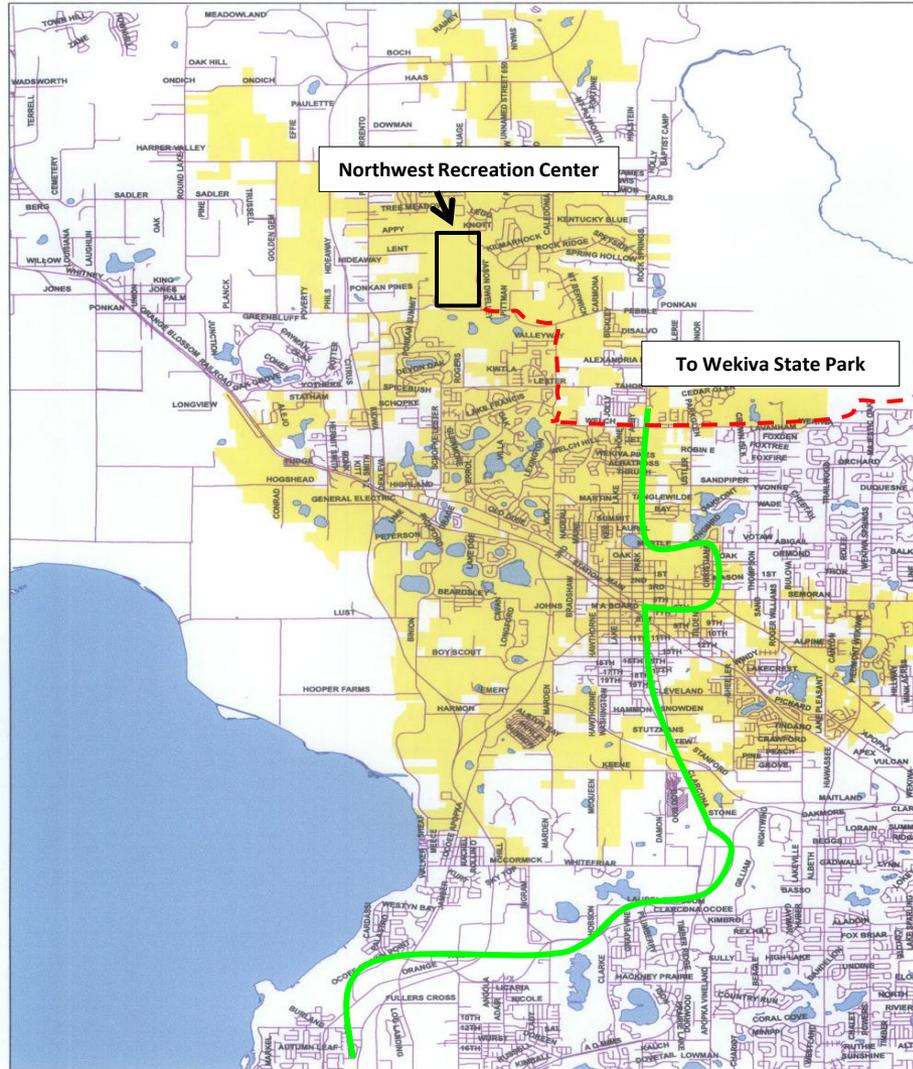
Sheeler Avenue

Typical Improvements

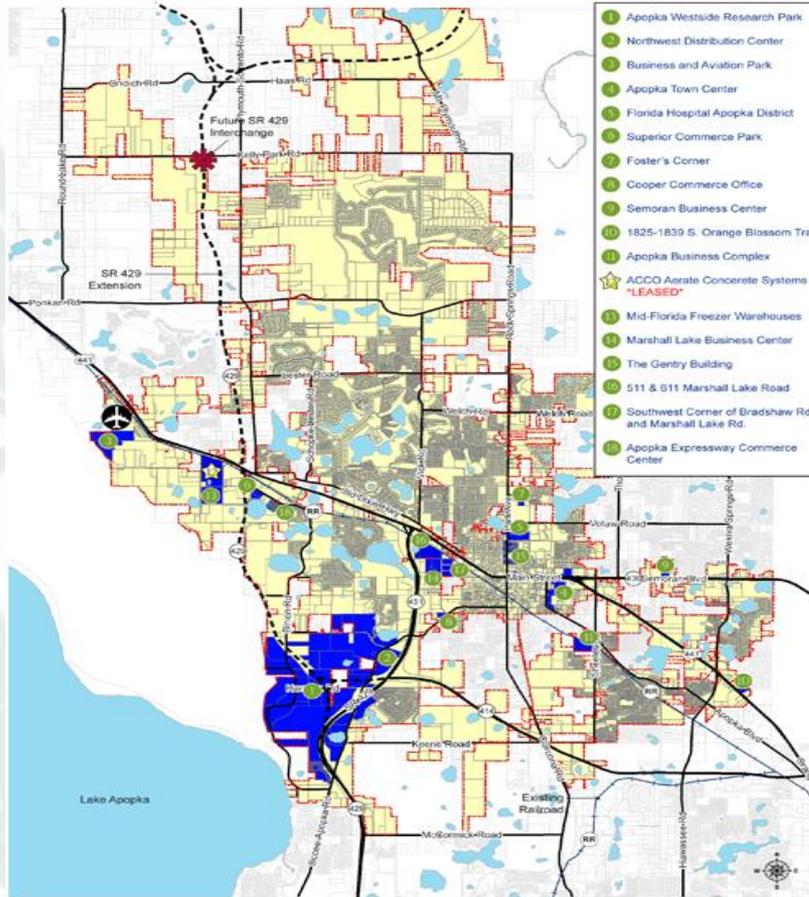
- Safety Improvements
- Drainage
- Turn Lanes
- Pavement Addition
- Signalization



Bicycle/Pedestrian



ADDITIONAL SITES





QUESTIONS ?