

Technical Memorandum Number 2 - CFRPM 5.0 Future Alternatives

Prepared for:



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1.0 Introduction

The purpose of this memorandum is to document the development of the 2035 Cost Feasible Central Florida Regional Planning Model (CFRPM) 5.0. The Florida Department of Transportation (FDOT) is developing the Central Florida Regional Planning Model Version 5.0 (CFRPM 5.0) in support of the Long Range Transportation Plans (LRTPs) for Lake-Sumter Metropolitan Planning Organization (MPO), Ocala/Marion Transportation Planning Organization (TPO), Space Coast TPO and Volusia TPO. The CFRPM 5.0 has a base year of 2005 and a horizon year of 2035. Each of these MPOs utilizes the CFRPM as their adopted travel demand model. The fifth MPO within the FDOT District 5 area, METROPLAN ORLANDO, continues to maintain its own model named the Orlando Urban Area Transportation Study (OUATS).

As part of each MPO's LRTP process, the CFRPM 5.0 was used as a means to identify the major transportation needs within each MPO region. The process by which this was done is described in Section 1.1. With the many stakeholders, the development of the 2035 Cost Feasible CFRPM 5.0 model required extensive coordination between the FDOT, the MPOs and their consultants. The FDOT and MPOs provided direction and input data for the CFRPM 5.0 model development, while the consultants developed the model and distributed the results back to the FDOT and MPOs. HNTB performed the CFRPM 5.0 development of the future year models in association with AECOM. AECOM was primarily responsible for the coding and analysis of the future year transit networks.

The result of this effort is a districtwide model that will be used for traffic studies, corridor studies, and regional planning throughout FDOT District 5 and the MPO areas.

1.1 Methodology

The CFRPM 5.0 2035 Cost Feasible model has been developed from the base year 2005 CFRPM 5.0 validated model. This Year 2005 base model was previously validated and calibrated to Year 2005 traffic counts and travel patterns. This model is documented in the *Model Calibration and Validation Report* dated September 2010. Using this base model, the 2035 Cost Feasible CFRPM 5.0 was developed starting with approved future year socioeconomic data and planned and programmed roadway and transit enhancements.

Interim year models of 2015, 2020, 2025 and 2030 consistent with the final 2035 Cost Feasible model were developed for the CFRPM 5.0. As part of the development of the Cost Feasible model for the LRTPs, four future year alternative networks were developed to assist each MPO/TPO identify the transportation needs within their area and the impact of future projects. The four future year alternatives were:

- Existing plus Committed Alternative (E+C)
- Alternative 1
- Alternative 2

- Cost Feasible Alternative

For each alternative, the same future year 2035 socioeconomic data is utilized based on each MPO's adopted land use. The development of the 2035 socioeconomic data is discussed in Section 1.2. The only difference between the alternatives is the roadway and transit networks that are included in the transportation network. The development of the future year networks for each alternative is discussed in the following sections. The performance results of each alternative were presented to the MPOs to be used in the development of the project list for the next alternative.

As the CFRPM encompasses all of FDOT District 5, the non-MPO areas of Flagler and Sumter Counties are included in the model to account for growth and improvements in those areas while developing the future year alternatives. In addition, portions of Polk and Indian River Counties which are not in District 5 were also included for the same reasons mentioned above. Through coordination with FDOT and County staff, socioeconomic data, E+C project lists, and future year project lists were developed for these two counties.

During each stage of the process, input was received from the MPOs concerning which highway and transit projects to include in each alternative model network. While the METROPLAN ORLANDO network was not being studied, the transportation projects included in the METROPLAN ORLANDO 2030 LRTP, which was adopted in 2009, were reflected in Orange, Osceola, and Seminole Counties.

There are five transit systems within FDOT District 5 that are included in the future year models: LYNX (Orange, Osceola and Seminole Counties), SpaceCoast (Brevard County), Lake County transit system (Lake County), SunTran (Marion County) and Votran (Volusia County).

Performance measures were summarized for each alternative based on the results of each alternative model run. These performance measures included:

- Total system miles,
- Vehicle-miles-traveled,
- Vehicle-hours-traveled,
- Emissions,
- Fuel use,
- Accidents, and
- Total delay due to congestion
- Transit Ridership

In addition to these performance measures, the performance of the highway network was also analyzed for each alternative.

Finally, a level of service (LOS) analysis was conducted on each alternative to display the areas on the highway network within each county experiencing congested conditions. This LOS analysis was based on the volume to capacity thresholds on the future year networks. A volume to capacity graphic was created for each MPO county showing the congested areas on their respective highway networks.

Once completed, alternative model runs, their performance measures, and volume to capacity graphics were distributed to the MPOs for their review and to support them in the assessment of the revised project lists for the next alternative. Each of the alternatives and its performance measures are described in more detail in following sections of this report.

1.2 Future Year Land Use Development

The 2035 land use was held constant for each of the four future year alternative models. This 2035 preferred land use was developed by each MPO through the comparison of three archetype 2035 land use datasets: FLUAM Trend, LUCIS Trend and LUCIS Composite. These three datasets represented future year land use distribution within each MPO/TPO based on different growth assumptions. The FLUAM Trend was based on the local governments' comprehensive plans. With a few restraints, the LUCIS Trend was based, primarily on growth patterns remaining the same as today, while in the LUCIS Composite growth patterns were adjusted over time to reflect smart growth initiatives and transit oriented development. The development of these datasets is documented in a separate report.

Each MPO area developed its preferred 2035 land use dataset based on one particular archetype dataset, a combination of the archetype datasets or a modified version of one of the archetype datasets. The preferred datasets from the MPOs were combined for the 2035 CFRPM 5.0 socioeconomic dataset that was utilized in the future year model runs. The 2035 preferred land use assumptions within Flagler County were developed in the same manner as in the MPO areas. The 2035 land use from other areas within the CFRPM 5.0 area (METROPLAN ORLANDO, Indian River County and Polk County) was based on their adopted datasets.

2.0 E+C Alternative

The E+C Alternative represents both existing and committed highway and transit improvement projects. Existing projects are those projects that have been constructed between the model base year (2005) and the current year (2010). As mentioned, committed projects are those that are programmed for construction within the next five years (2009-2013 in the case of the CFRPM E+C model) in an adopted TIP, CIP, work program, or TDP. The intent of this alternative is to identify areas where the greatest need exists for future transportation improvements based on projected growth patterns and the committed transportation improvements. This alternative will be the baseline that the additional three future year alternatives will be compared to.

A comparison of the 2035 land use that was used as an input for this alternative and the 2005 base year land use is described in Section 2.1. The E+C Network alternative projects are identified in Section 2.2 and the performance measures for the alternative are shown in Section 2.3.

2.1 Land Use Comparison

The preferred 2035 land use dataset was utilized in the E+C Alternative. The E+C Alternative 2035 CFRPM 5.0 socioeconomic dataset is compared to the 2005 base year dataset below in Tables 1 and 2. Table 1 shows a comparison of the residential land use by county for 2005 and 2035. Table 2 shows a similar comparison of the employment land use by county for the same years.



Table 1 - CFRPM 5.0 Residential Land Use Comparison

County	Single Family Dwelling Units			Single Family Population			Multi-Family Dwelling Units			Multi-Family Population			Hotel Rooms		
	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change
Seminole	113,173	128,598	13.6%	318,878	352,204	10.5%	59,577	80,226	34.7%	103,752	145,911	40.6%	5,098	8,098	58.8%
Orange	275,657	427,395	55.0%	729,891	1,135,230	55.5%	164,323	367,039	123.4%	322,588	751,275	132.9%	98,083	164,318	67.5%
Osceola	80,798	164,217	103.2%	201,857	463,200	129.5%	22,315	105,398	372.3%	41,644	260,057	524.5%	35,222	62,975	78.8%
Lake	113,473	198,231	74.7%	238,897	417,720	74.9%	15,055	52,907	251.4%	24,745	86,860	251.0%	3,610	5,337	47.8%
Volusia	175,001	228,344	30.5%	395,039	542,441	37.3%	59,910	94,774	58.2%	99,592	150,322	50.9%	21,368	24,597	15.1%
Brevard	191,599	275,445	43.8%	440,543	634,839	44.1%	55,710	82,539	48.2%	86,377	137,152	58.8%	9,093	13,548	49.0%
Marion	124,728	210,671	68.9%	272,294	461,511	69.5%	18,608	28,171	51.4%	33,367	51,905	55.6%	6,447	9,212	42.9%
Sumter	28,513	89,367	213.4%	64,727	211,683	227.0%	752	8,793	1069.3%	1,720	20,253	1077.5%	612	1,876	206.5%
Flagler	34,628	93,691	170.6%	72,332	188,722	160.9%	4,869	17,796	265.5%	9,737	32,523	234.0%	681	998	46.6%
Polk	22,278	48,268	116.7%	49,134	114,127	132.3%	20,806	38,143	83.3%	31,024	60,858	96.2%	1,455	3,125	114.8%

Table 2 - CFRPM 5.0 Employment Land Use Comparison

County	Industrial Employment			Commercial Employment			Service Employment			Total Employment		
	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change
Seminole	34,917	81,055	132.1%	56,760	103,823	82.9%	122,811	193,720	57.7%	214,488	378,598	76.5%
Orange	94,210	131,045	39.1%	168,417	322,337	91.4%	544,730	1,053,412	93.4%	807,357	1,506,794	86.6%
Osceola	9,604	13,012	35.5%	22,118	39,837	80.1%	45,697	92,086	101.5%	77,419	144,935	87.2%
Lake	19,808	38,776	95.8%	24,283	48,528	99.8%	57,493	108,500	88.7%	101,591	195,804	92.7%
Volusia	30,772	43,338	40.8%	47,268	66,288	40.2%	118,746	156,443	31.7%	196,754	266,069	35.2%
Brevard	60,761	75,579	24.4%	54,209	86,736	60.0%	162,616	223,590	37.5%	277,596	385,905	39.0%
Marion	27,552	35,505	28.9%	28,444	45,379	59.5%	63,143	117,885	86.7%	119,137	198,769	66.8%
Sumter	3,504	16,925	383.0%	3,256	26,640	718.2%	8,523	44,616	423.5%	15,281	88,181	477.1%
Flagler	3,398	9,225	171.5%	6,528	18,017	176.0%	12,369	33,584	171.5%	22,297	60,826	172.8%
Polk	4,694	8,077	72.1%	5,536	12,766	130.6%	11,936	20,343	70.4%	22,166	41,186	85.8%

2.2 E+C Alternative Network

The network for the E+C Alternative model includes those projects that were built between the base year 2005 and 2010 (existing projects) and those projects that are funded for construction in the next five years (committed projects). The source for the projects funded for construction was the Florida Department of Transportation's *2008/2009-2012/2013 Work Program*. In addition, projects identified as an American Recovery and Reinvestment Act priority were also included.

The E+C model assumes the 2035 land use discussed in Section 2.1. Since this alternative assumes 25 years of land use growth but only those transportation improvements that are currently on the ground or committed to be funded, it highlights the transportation deficiencies for each MPO area. The MPOs can then use the other future year alternatives to evaluate the impact of various transportation solutions to these the transportation deficiencies highlighted in the E+C model.

The transportation improvements for each MPO and county area in the CFRPM 5.0 are listed in the Tables 3 through 12 for Brevard, Flagler, Lake, Marion, Orange, Osceola, Seminole, Sumter, Polk and Volusia Counties. The E+C transportation improvements are shown graphically for each county in Figures 1 through 9.

Table 3 – CFRPM 5.0 E+C Transportation Improvements – Brevard County

Improvement Number	Roadway Project	From	To	Improvement
Existing Projects				
1	Grissom Pkwy.	Kings Hwy.	Shepard Dr.	Widen to 4 Lanes
2	Heritage Isle	Wickham Rd.	Judge Fran Jamieson	New 2 Lane Road
3	Judge Fran Jamieson Way	Heritage Isle	Tavistock	New 2 Lane Road
4	Judge Fran Jamieson Way	Tavistock	Stadium Pkwy.	New 2 Lane Road
5	Port St. John West Connector	Port St. John Pkwy.	Fay Blvd.	New 2 Lane Road
6	Space Commerce Way	SR 405	SR 3	New 2 Lane Road
7	Stadium Pkwy.	Wickham Rd.	Judge Fran Jamieson Way	New 2 Lane Road
8	Tavistock	Judge Fran Jamieson Way	Viera Blvd.	New 2 Lane Road
9	Tavistock	Viera Blvd.	Stadium Pkwy.	New 2 Lane Road
10	Solerno Blvd.	Tavistock	Stadium Pkwy.	New 2 Lane Road
11	Stadium Pkwy.	Judge Fran Jamieson Way	Tavistock	Widen to 4 Lanes
12	Viera Blvd. Ext.	W. of Murrell	Over I-95 to Stadium Pkwy.	New 4 Lane Road
Committed Projects				
13	Brewer Bridge	-	-	Replace Bridge
14	Culver Dr.	Emerson Dr.	Palm Bay Rd.	Widen to 4 Lanes
15	Eyster Blvd.	Fiske Blvd (SR 519)	Huntington Ln.	Widen to 4 Lanes
16	Garvey Rd.	Garbelmann	Bombardier	New 2 Lane Road
17	I-95	Pineda Ext.	-	New Interchange
18	I-95	S. of SR 514 (Malabar)	Palm Bay Rd.	Widen to 6 Lanes
19	I-95	Palm Bay Rd.	S. of SR 519	Widen to 6 Lanes
20	I-95	S. of SR 519	N. of SR 528	Widen to 6 Lanes
21	I-95	S. of SR 528	Port St. John	Widen to 6 Lanes
22	Malabar Rd.	Minton Road	Parkway	Widen to 4 Lanes
23	Palm Bay Rd.	Minton	RJ Conlan Blvd.	Widen to 6 Lanes
24	Park Ave.	Draa Road	Barna Ave.	Reconstruct as 2 Lane Road
25	Pineda Ext. Realignment	RR tracks	I-95	New 2 Lane Road
26	Pirate Ln.	S. Babcock St. (CR 507)	Lipscomb St.	Widen to 4 Lanes
27	Turtle Mound Rd. Extension	Aurora Rd.	Eau Gallie Blvd.	New 2 Lane Road
28	US 1	Park Ave.	500' S. of Rosa L Jones	Widen to 6 Lanes
29	US 1	Rosa L Jones	Pine St.	Widen to 6 Lanes
30	Wickham Rd.	Nasa Blvd.	Ellis Rd.	New Road Construction

Table 4 – CFRPM 5.0 E+C Transportation Improvements – Flagler County

Improvement Number	Roadway Project	From	To	Improvement
Existing Projects				
1	I-95	Volusia County Line	St. Johns County Line	Widen to 6 Lanes
2	Matanzas Woods Ext.	Birds of Paradise	Old Kings Rd.	New 2 Lane Road
3	Royal Palms Parkway	Point Pleasant Rd.	Town Center Blvd.	New 2 Lane Road
4	SR 100	.25 West of Belle Terre	Belle Terre	Widen to 4 Lanes
5	SR 100	I-95	Belle Terre	Widen to 4 Lanes
6	Town Center Blvd.	SR 100	Old Kings Rd.	New 2 Lane Road
Committed Projects				
7	Old Kings Rd.	SR 100	Palm Coast Pkwy.	Widen to 4 Lanes
8	Palm Coast Pkwy.	Boulder Rock	Florida Park Dr.	Widen to 6 Lanes



Table 5 – CFRPM 5.0 E+C Transportation Improvements – Lake County

Improvement Number	Roadway Project	From	To	Improvement
Existing Projects				
1	Ann Rou Rd.	Lake Eustis Dr./Lakeshore Dr.	Huffstetler Dr.	New 2 Lane Road
2	Captain Haynes Rd.	Woodlea Rd.	Dead River Rd.	New 2 Lane Road
3	Citrus Tower Blvd.	US 27	SR 50	New 4 Lane/Widen to 4 Lanes
4	David Walker Dr. ext.	Merry Rd.	CR Old 441	New 2 Lane Road
5	Excalibur Road	Hooks St. South	Citrus Tower Blvd.	New 2 Lane Road
6	Hammock Ridge Road	Lakeshore Dr. (CR1040)	Citrus Tower Blvd.	New 4 Lane Road
7	Hooks St.	Hancock Rd.	Sandhill View	New 4 Lane Road
8	Kurt St.	US 441	W. Golflinks Ave.	Widen to 2 Lanes
9	Legends Way	Citrus Tower Blvd.	N. Hancock Rd.	New 2 Lane Road
10	Oakley Seaver Blvd.	Citrus Tower Blvd.	N. Hancock Rd. (CR1354)	New 2 Lane Road
11	Putnam Ave.	South Sunset Ave.	Florida Avenue	New 2 Lane Road
12	SR 25/US 27	N SR 530/Polk Co. Line	N of Boggy Marsh Rd.	Widen to 6 Lanes
13	SR 25/US 27	WB Ramp @ SR 50	CR 561-A	Widen to 6 Lanes
14	SR 500/US 441	Lake Eustis Dr.	SR 44	Widen to 6 Lanes
15	SR 500/US 441	College Dr.	Mill St. (just past SR 44)	Widen to 6 Lanes
16	SR 91	CR 470	-	New Interchange
17	Steve's Rd.	US 27	Citrus Tower Blvd. (Phase II)	New 2 Lane Road
18	Thomas Ave.	Urick St.	CR 460	New 2 Lane Road
19	Wilson Lake Parkway	US 27	Cherry Lake Rd. (CR1829)	New 2 Lane Road
Committed Projects				
20	CR 466	Sumter County Line	US 27/441	Widen to 4 Lanes
21	SR 25/US 27	1000' N Lake Louisa Rd.	W BND Ramp @ SR 50	Widen to 6 Lanes
22	SR 50	Hancock Rd.	Orange Co. Line (Remington Rd.)	Widen to 6 Lanes
23	SR 500/US 441	Perkins St.	N. of Griffin Road	Intersection Improvement

Table 6 – CFRPM 5.0 E+C Transportation Improvements – Orange County

Improvement Number	Roadway Project	From	To	Improvement
Existing Projects				
1	Apopka Vineland Rd.	Balboa Dr.	AD Mims	New 4 Lane Road
2	Baldwin Park Rd.	SR 436	SR 50	New 2 Lane Road
3	Commander Dr.	Turnbull	Pershing	New 2 Lane Road
4	Conway Rd	Beachline Expressway	Hoffner Ave.	Widen to 4 Lanes
5	CR 535	Southern Way	Magnolia Park Ct.	Widen to 4 Lanes
6	Daniels Rd.	S of Roper Rd.	Florida's Turnpike	Widen to 4 Lanes
7	Dowden Rd.	Goldenrod Rd. Ext.	Narcoossee Rd.	Existing 2 Lane Road
8	Edgewater Dr.	Pine Hills Rd.	Clarcona-Ocoee Rd.	Widen to 4 Lanes
9	Florida's Turnpike	I-4	SR 528	Widen to 8 Lanes
10	Florida's Turnpike	SR 408	-	Major Interchange Modification
11	Good Homes Rd.	Old Winter Garden Rd.	SR 50	Widen to 4 Lanes
12	I-4	SR 408 (East-West Expy.)	-	Interim Interchange Improvements
13	I-4	John Young Pkwy.	-	Major interchange improvements
14	John Young Pkwy.	Florida's Turnpike	I-4	Widen to 6 Lanes
15	John Young Pkwy.	Osceola Co. Line	Whisper Lakes Blvd.	Widen to 6 Lanes
16	Metrowest Blvd. Ext.	Shingle Creek	Mission Rd.	New 2 lane road
17	Old Winter Garden Rd.	SR 50	Hiawassee Rd.	Widen to 4 Lanes
18	Old Winter Garden Rd.	Hempel Ave.	Friendship Dr.	Widen to 4 Lanes
19	Orange Blossom Trail	Osceola Co. Line	Taft-Vineland Rd.	Widen to 6 Lanes
20	Orlando-Vineland Rd	Kirkman Rd.	LB McLeod Rd.	Widen to 4 Lanes
21	Overstreet Rd.	Overstreet Rd.	CR 535	New 2 Lane Road
22	Silver Star Rd.	Apopka-Vineland Rd.	Hiawassee Rd.	Widen to 6 Lanes
23	Silver Star Rd.	W of Clarke Rd.	Apopka-Vineland Rd.	Widen to 4 Lanes
24	SR 408	Good Homes Rd.	-	New Interchange Ramps
25	SR 408	Hiawassee Rd.	I-4	Widen to 6 Lanes
26	SR 436	Beachline Expressway	Curry Ford Rd.	Widen to 6 Lanes
27	SR 520	Beachline Expressway	CR 532	Widen to 4 Lanes
28	SR 520	CR 532	Brevard Co. Line	Widen to 4 Lanes
29	SR 520	SR 50	Beachline Expressway	Widen to 4 Lanes
30	Wetherbee Rd.	Landstar Blvd.	Boggy Creek Rd.	Widen to 4 Lanes
31	Wetherbee Rd.	Orange Ave.	Landstar Blvd.	New Construction
32	Winter Garden-Vineland Rd.	Chase Rd	Fiquette Rd.	Widen to 4 Lanes
33	Winter Garden-Vineland Rd.	Fiquette Rd.	Butler Bridge Rd.	Widen to 4 Lanes
34	Wymore Rd.	Fairbanks Ave.	Kennedy Blvd.	Widen to 3 Lanes
35	Wyndham Lakes Blvd. Ext.	Mountleigh Ct.	J. Lawson Blvd.	New 4 Lane Road



Table 6 – CFRPM 5.0 E+C Transportation Improvements – Orange County (continued)

Improvement Number	Roadway Project	From	To	Improvement
Committed Projects				
36	Alafaya Trail	Mark Twain Blvd.	Innovation Way	Widen to 4 Lanes
37	Boggy Creek Rd.	Orange/Osceola Co. Line	SR 417	Widen to 4 Lanes
38	Canadian Court Extension	International Dr.	John Young Pkwy.	New 4 Lane Roadway
39	Clarcona-Ocoee Rd.	Ocoee-Apopka Rd.	Hiawasse Rd.	Widen to 4 Lanes
40	East-West Rd.	SR 436	Harrell Rd.	New 4 Lane Road
41	Econlockhatchee Trail	Lake Underhill Rd.	SR 50	Widen to 4 Lanes
42	Fiquette Rd.	South of CR 535	CR 535	Widen to 4 Lanes
43	Fiquette Rd.	Overstreet Rd.	South of CR 535	Widen to 4 Lanes
44	Florida's Turnpike	I-4	Beulah Rd.	Widen to 8 Lanes
45	Florida's Turnpike	SR 429	SR 50	Widen to 8 Lanes
46	Florida's Turnpike	SR 50	Beulah Rd.	Widen to 8 Lanes
47	Holden Ave.	John Young Pkwy.	US 441	Widen to 4 Lanes / New 4 Lane
48	Innovation Way	Beachline Expressway	Alafaya Tr.	Widen to 4 Lanes / New 4 Lane
49	International Dr.	S. Westwood Blvd.	N. Westwood Blvd.	Widen to 6 Lanes
50	Kennedy Blvd.	Forest City Rd.	Wymore Rd.	Widen to 4 Lanes
51	Lake Underhill Rd.	Goldenrod Rd.	Chickasaw Trail	Widen to 4 Lanes
52	Landstreet Rd.	US 441	Orange Ave.	Widen to 4 Lanes
53	LYNX Feeder Lines	SunRail	-	New Bus Service
54	Mission Rd.	Old Winter Garden Rd.	Conroy Rd.	New 4 Lane Road
55	Narcoosee Rd. (SR 15)	N of Lee Vista Blvd.	SR 528\Beachline Expy.	Widen to 4 Lanes
56	Narcoosee Rd.	Orange/Osceola County Line	SR 417	Widen to 4 Lanes
57	Pine St.	Orange Ave.	Hughey St.	Convert to 2-Way Traffic
58	Rock Springs Rd.	Ponkan Rd.	Kelly Park Rd.	Widen to 4 Lanes
59	Rouse Rd.	Lake Underhill Rd.	Corporate Blvd.	Widen to 4 Lanes
60	Sand Lake Rd. (SR 482)	Bridge over Turnpike	US 441	Widen to 6 Lanes
61	SR 408	I-4	SR 417	Widen to 8 Lanes
62	SR 414 (John Land Expwy)	US 441	SR 429	New 6L Roadway/Interchange
63	SR 417	Moss Park Rd.	-	New Interchange
64	SR 417	University Blvd.	Seminole Co. Line	Widen to 6 Lanes
65	SR 417	SR 528	Curry Ford Road	Widen to 6 Lanes
66	SR 417	Innovation Way Interchange	-	New Interchange
67	SR 417	Boggy Creek Rd.	-	Improve Interchange
68	SR 50	SR 436	W of SR 417/Eastern Expy.	Widen to 6 Lanes/Flyover SR 436
69	SR 50	0.3 Mi E of SR 417	Dean Rd.	Widen to 6 Lanes
70	SR 50	Dean Rd.	E. of Old Cheney Rd.	Widen to 6 Lanes

Table 6 – CFRPM 5.0 E+C Transportation Improvements – Orange County (continued)

Improvement Number	Roadway Project	From	To	Improvement
Committed Projects				
71	SR 50	E Ramps of Florida's Turnpike	Avalon Rd.	Widen to 6 Lanes
72	SR 50	Good Homes Rd.	Pine Hills Rd.	Widen to 6 Lanes
73	SR 50	Avalon Rd.	SR 429	Widen to 6 Lanes
74	SR 50	Orange/Lake County Line	Florida's Turnpike	Widen to 6 Lanes
75	SR 528	Florida's Turnpike	SR 482/Sand Lake Rd.	Widen to 6 Lanes
76	SR 528	Narcoossee Rd Interchange	-	Interchange Improvements
77	SR 528	Innovation Way	-	New Interchange
78	SR 528	I-4	SR 436	Widen/Improve Interchange @ 436
79	SunRail	Seminole County Line	Osceola County Line	New Rail Line
80	Taft-Vineland Rd Extension	Central Florida Parkway	John Young Pkwy.	New 4 Lane Road
81	Taft-Vineland Rd.	US 441	Orange Ave.	Widen to 4 Lanes
82	Valencia College Ln.	Goldenrod Rd.	Econolockhatchee Tr.	Widen to 4 Lanes
83	Wildwood Rd.	Palm Pkwy.	International Dr.	New 4 Lane Roadway
84	Winter Garden-Vineland Rd.	Magnolia Park Ct.	SR 429	Widen to 4 Lanes
85	Woodbury Rd.	Lake Underhill Rd.	Challenger Pkwy.	Widen to 4 Lanes

Table 7 – CFRPM 5.0 E+C Transportation Improvements – Osceola County

Improvement Number	Roadway Project	From	To	Improvement
Existing Projects				
1	Canoe Creek Rd.	Kenansville Rd.	Widen to 3 Lanes	Widen to 3 Lanes
2	Connector Rd.	Commerce Ave.	Hoagland Blvd.	New 2 Lane Construction
3	Donegan Ave.	John Young Pkwy.	US 17/92/441	Widen to 3-4 Lanes
4	Dyer Ave.	Commerce Ave.	Martin Luther King	Widen to 4 Lanes
5	Dyer Ave.	Carroll St.	Osceola Parkway	Widen/New 4 Lane Construction
6	Florida's Turnpike	Kissimmee Park Rd.	-	New Interchange
7	I-4	US 192	-	Major interchange improvements
8	I-4	Polk Co. Line	E of US 192	Widen to 6 Lanes
9	John Young Pkwy.	Carroll St.	Orange Co. Line	Widen to 6 Lanes
10	Kissimmee Park Rd.	Neptune Rd.	Old Canoe Creek Rd.	Widen to 4 Lanes
11	Martin Luther King	John Young Parkway	Dyer Ave.	New 2 Lane Construction
12	Narcoossee Rd. Ext.	Hickory Tree Rd.	US 192	New 2 Lane Road
13	Neptune Rd.	Westchester Dr.	Partin Settlement Rd.	Widen to 4-5 Lanes
14	Partin Settlement Rd.	Simmons Rd.	Lake Shore Blvd.	Widen to 3 Lanes
15	Sherberth Rd.	US 192	Black Lake Rd.	Widen to 5 Lanes
16	Simpson Rd.	US 192	Florida's Turnpike	Widen to 5 Lanes
17	SR 429/Western Expy.	I-4	US 192	New 4 Lane Expressway
18	SR 60	Florida's Turnpike	Indian River Co. Line	Widen to 4 Lanes
19	Thacker Ave. Ext.	Carroll St.	Osceola Pkwy.	New 4 Lane Road
20	Tohopekaliga Ave. Ext.	Neptune Rd.	Oak St.	New 4 Lane Road
21	US 192	E of SR 535	Hoagland Blvd.	Widen to 6 Lanes
22	US 192	Hibiscus Rd.	Brevard Co. Line	Widen to 4 Lanes
23	US 192	SR 15	Hibiscus Rd.	Widen to 4 Lanes
24	US 192	W of Michigan Ave.	Aeronautical Blvd.	Widen to 6 Lanes
25	US 441	S of Osceola Pkwy.	Orange Co. Line	Widen to 6 Lanes



Table 7 – CFRPM 5.0 E+C Transportation Improvements – Osceola County (continued)

Improvement Number	Roadway Project	From	To	Improvement
Committed Projects				
26	Bill Beck Blvd.	Kissimmee Charter School	Osceola Pkwy.	New 2 Lane Road
27	Bill Beck Ext.	Woodcrest Blvd.	Mill Slough	New 2 Lane Construction
28	Boggy Creek Rd.	Hilliard Isle Rd.	Osceola Pkwy.	Widen to 4 lanes
29	Boggy Creek Rd.	Osceola Pkwy.	Orange County Line	Bridge, Widen to 4 lanes
30	Canoe Creek Rd.	1,000 Ft N. of Old Canoe Creek Rd.	Deer Run Rd.	Widen to 4 Lanes
31	Carroll St.	John Young Pkwy.	Old Dixie Rd.	Widen to 4 Lanes
32	Donegan Ave.	John Young Pkwy.	Michigan Ave.	Widen to 4 Lanes
33	Dyer Ave.	Donegan Ave.	US 192	Widen to 4 Lanes
34	Goodman Rd.	Tri-County Rd.	Sand Mine Rd.	New 2 Lane Road
35	Hoagland Blvd.	US 192	US 17/92	Widen to 4 Lanes/Realign
36	I-4	US 192	Osceola Parkway	Construct Braided Ramp
38	LYNX Feeder Lines	SunRail	-	New Bus Service
39	Martin Luther King Blvd.	Dyer Ave.	Thacker Ave.	New 2 Lane Road
40	Narcossee Rd.	US 192	Orange County Line	Widen to 4 Lanes
41	Neptune Rd.	Partin Settlement Rd.	Kissimmee Park Rd.	Widen to 4 Lanes
42	Neptune Rd.	Kissimmee Park Rd.	US 192	Widen to 4 Lanes
43	Oak St.	Main St.	Central Ave.	Widen to 4 Lanes
44	Oak St.	Main St.	US 192	Widen to 4 Lanes
45	Old Canoe Creek Rd.	Kissimmee Park Rd.	Canoe Creek Rd.	Widen to 4 Lanes
47	Osceola Pkwy.	John Young Pkwy.	Boggy Creek Rd.	Widen to 6 Lanes
48	Pleasant Hill Rd.	Pershing St.	US 17/92	Widen to 4 Lanes
49	Poinciana Blvd.	Oren Brown Rd.	N of CSX Line	Widen to 4 Lanes
51	Poinciana Blvd.	Pleasant Hill	Crescent Lakes Way	Widen to 4 Lanes
52	Shady Lane	Partin Settlement Rd.	US 192	Widen to 5 Lanes
53	Shady Lane Ext.	Neptune Rd.	Partin Settlement	New 4 Lane Road
54	Simpson Rd.	Florida's Turnpike	Fortune Rd.	Widen to 4 Lanes
55	Sinclair Rd.	Goodman Rd.	Reunion DRI	New 4 lane road
56	SunRail	Orange County Line	Volusia County Line	New Rail Line
57	Thacker Ave.	City Ditch	City Limits	Widen to 4 Lanes



Table 8 – CFRPM 5.0 E+C Transportation Improvements – Seminole County

Improvement Number	Roadway Project	From	To	Improvement
Existing Projects				
1	Airport Blvd.	US 17/92	SR 46	Widen to 4 Lanes
2	Bunnell Rd.	Eden Park Rd.	West Town Pkwy.	Widen to 3 Lanes
3	CR 46A	Country Club Rd.	Old Lake Mary Rd.	Widen to 4 Lanes
4	Division St.	Mitchell Hammock Rd.	CR 426	New 2 Lane Road
5	Dodd Rd.	Red Bug Lake Rd.	Howell Branch Rd.	Widen to 4 Lanes
6	Douglas Ave.	SR 436	Central Parkway	Widen to 3 Lanes
7	E Lake Mary Blvd.	Airport Entrance	SR 46/SR 415	New 4 Lane Road
8	Eden Park Rd.	Bunnell Rd.	Orange Co. Line	Widen to 3 Lanes
12	Festival Dr.	SR 436	Central Parkway	New 2 Lane Road
13	Gateway Dr.	Albermarle Rd.	Keller Rd.	New 4 Lane Road
14	Jamestown Blvd.	SR 434	Montgomery Rd.	Widen to 3 Lanes
15	Lake Dr.	Seminola Blvd.	Tuskawilla Rd.	Widen to 4 Lanes
16	SR 426	Mitchell Hammock	Pine	Widen to 4 Lanes
Committed Projects				
17	Chapman Rd.	SR 426	SR 434	Widen to 4 Lanes
18	CR 419	Orange/Sem. Co. Line	Chuluota Bypass	Reconstruct to 4 Lanes
19	Dean Road	Orange/Sem. Co. Line	SR 426	Reconstruct to 4 Lanes
20	I-4	US 17/92	-	Reconstruct EB Exit Ramp
21	LYNX Feeder Lines	SunRail	-	New Bus Service
22	SR 417	Orange\Seminoles County Line	SR 434	Widen to 6 Lanes
23	SR 417 Extension	I-4	International Pkwy.	New 4 Lane Expy.
24	SR 434	Maitland	Calabria	Widen to 6 Lanes
25	SR 434	Montgomery Rd.	I-4	Reconstruct to 6 Lanes
26	SR 434	Rangeline Rd.	I-4	Reconstruct to 6 Lanes
27	SR 434	McCulloch Rd.	W. of Mitchell Hammock	Widen to 6 Lanes
28	SR 436	Red Bug Lake Dr. Interchange	-	New Grade Separated Interchange
30	SunRail	Orange County Line	Volusia County Line	New Rail Line

Table 9 – CFRPM 5.0 E+C Transportation Improvements – Marion County

Improvement Number	Roadway Project	From	To	Improvement
Existing Projects				
1	CR 484	I-75	CR 475A	Widen to 4 Lanes
2	CR 484	East of I-75	SE 47 th Ave.	Widen to 4 Lanes
3	CR 484	SE 47 th Ave.	US 441	New 4 Lane Road
4	NW 60 th Ave.	SR 40	US 27	Widen to 4 Lanes
5	SE 110 th St.	US 441	CR 467	Widen to 4 Lanes
6	SE 92nd Pl. Rd.	US 441	SR 35	New 2 Lane Road
7	SE/SW 31st St.	CR 475A (SW 27 th Ave.)	SR 464	New 4 Lane / Widen to 4 Lanes
8	SR 25	West of SR 35	East of US 441	Widen to 3 Lanes
9	SR 40	SW 52 nd St.	SW 80 th Ave.	Widen to 4 Lanes
10	SW 20 th St.	SW 38 th Ave.	SW 57 th Ave.	Widen to 4 Lanes
11	SW 60 th Ave.	SW 38 th Ave.	SR 40	Widen to 4 Lanes
12	SW 95 th St.	SW 60 th Ave.	SR 200	New 4 Lane Road
Committed Projects				
13	CR 200A	US 441	NE 35 th St.	Widen to 4 Lanes
14	SR 35	South of SR 464	SR 40	Widen to 4 Lanes
15	SW 95 th St.	SW 60 th Ave.	SW 49 th Ave.	Widen to 4 Lanes
16	US 301	Sumter Co. Line	CR 42	Widen to 4 Lanes

Table 10 – CFRPM 5.0 E+C Transportation Improvements – Polk County

Improvement Number	Roadway Project	From	To	Improvement
Existing Projects				
1	US 27	I-4 Interchange		Major Interchange Improvements
2	US 27	Polk/Lake County Line	End of Model	Widen to 4 Lanes
3	Ernie Caldwell Boulevard	US 27	US 17/92	New 4 Lane Road

Table 11 – CFRPM 5.0 E+C Transportation Improvements – Sumter County

Improvement Number	Roadway Project	From	To	Improvement
Existing Projects				
1	CR 475	US 301	N of Jumper Dr.	Widen to 4 Lanes
2	CR 48	CR 616	I-75	Widen to 5 Lanes
3	Morse Blvd.	SR 44	CR 466	New 4 Lane Road
4	Stillwater Trail	Buena Vista	Morse Blvd.	New 4 Lane Road
Committed Projects				
5	Buena Vista Blvd.	SR 44	CR 466	New 4 Lane Road
6	CR 139/CR 462	SR 44	US 301	Widen to 4 Lanes
7	CR 466A	US 301	Morse Blvd.	Widen to 4 Lanes
8	US 301	N of CR 204	Marion Co. Line	Widen to 4 Lanes

Table 12 – CFRPM 5.0 E+C Transportation Improvements – Volusia County

Improvement Number	Roadway Project	From	To	Improvement
Existing Projects				
1	Airport Rd.	Pioneer Trail	SR 44	New 2 Lane Road
2	Beresford Ave	Blue Lake Ave	Kepler Rd	New 2 Lane Road
3	Clyde Morris Blvd.	The Aberdeen	LPGA Blvd.	Widen to 4 Lanes
44	CR 92	SR 15A	US 17/92	Widen to 4 Lanes
31	DeBary Ave.	I-4	Providence Blvd.	Realign/Widen to 4 Lanes
4	Dunn Ave Ext.	Williamson Blvd.	Bill France Blvd.	New 2 Lane Road
5	I-4	SR 472	-	Interchange (add EB on-ramp)
6	I-4	Saxon Blvd.	Seminole Co. Line	Widen to 6 Lanes
7	I-4	SR 44	SR 472	Widen to 6 Lanes
8	I-4	SR 472	Saxon Blvd.	Widen to 6 Lanes
9	I-95	Flagler Co. Line	SR 40	Widen to 6 Lanes
10	I-95	SR 40	US 92	Widen to 6 Lanes
11	I-95	US 92	I-4	Widen to 6 Lanes
13	Normandy Blvd	Firwood Dr	Saxon Blvd	Add Lanes
14	Plantation Oaks Blvd.	US 1	Old Dixie Highway	New 2 Lane Road
15	Saxon Blvd.	Urbana Blvd.	Tivoli Blvd.	Widen to 4 Lanes
16	SR 15A (Spring Garden Rd.)	Beresford Ave.	US 17/92	Widen to 4 Lanes
17	SR 15A (Spring Garden Rd.)	US 17	US 92	Widen to 4 Lanes
18	SR 15A (Spring Garden Rd.)	Plymouth Rd.	CR 92	Widen to 4 Lanes
19	SR 40	Cone Rd.	I-95	Widen to 4 Lanes
20	SR 44	I-4 Interchange	-	Modified Interchange
21	SR 44	Summit Ave.	Pioneer Trail	Widen to 4 Lanes
22	SR 44	Pioneer Trail	SR 415	Widen to 4 Lanes
48	SR 472	Howland Blvd.	I-4	Widen to 4 Lanes
23	Tomoka Farms Rd.	LPGA Blvd.	US 92	New 2 Lane Road
24	Town West Blvd.	Tomoka Farms Rd.	Williamson Blvd.	New 2 Lane Road
25	US 17/92	SR 15A/Taylor	SR 472	Widen to 6 Lanes
26	Williamson Blvd.	Spruce Creek Blvd.	Sable Creek Blvd.	Widen to 4 Lanes
27	Williamson Blvd.	Dunn Ave.	US 92	Widen to 4 Lanes

Table 12 – CFRPM 5.0 E+C Transportation Improvements – Volusia County (continued)

Improvement Number	Roadway Project	From	To	Improvement
Committed Projects				
29	10 th Street (NSB/Edgewater)	Myrtle Ave	US 1	Widen to 4 Lanes
51	Dunn Ave	Tomoka Farms Rd.	Williamson Blvd.	New 2 Lane Road
32	Howland Blvd.	Courtland Blvd.	SR 415	Widen to 4 Lanes
35	LPGA Blvd.	Old Kings Rd.	Nova Rd.	Widen to 4 Lanes
36	Rhode Island Ext.	Westside Pkwy.	US 17/92	New 2 Lane Road
43	SR 415	Reed Ellis Rd.	Acorn Lake Rd.	Widen to 4 Lanes
52	SunRail	Seminole County Line	Deland	New Rail Line
40	Tymber Creek Rd.	Peruvian Lane	SR 40	Widen to 4 Lanes
53	VoTran Feeder Lines	SunRail	-	New Transit Service
41	Yorktown Blvd Ext.	Dunlawton Ave	Taylor Rd	New Road

Figure 1 – CFRPM 5.0 E+C Transportation Improvements – Brevard County

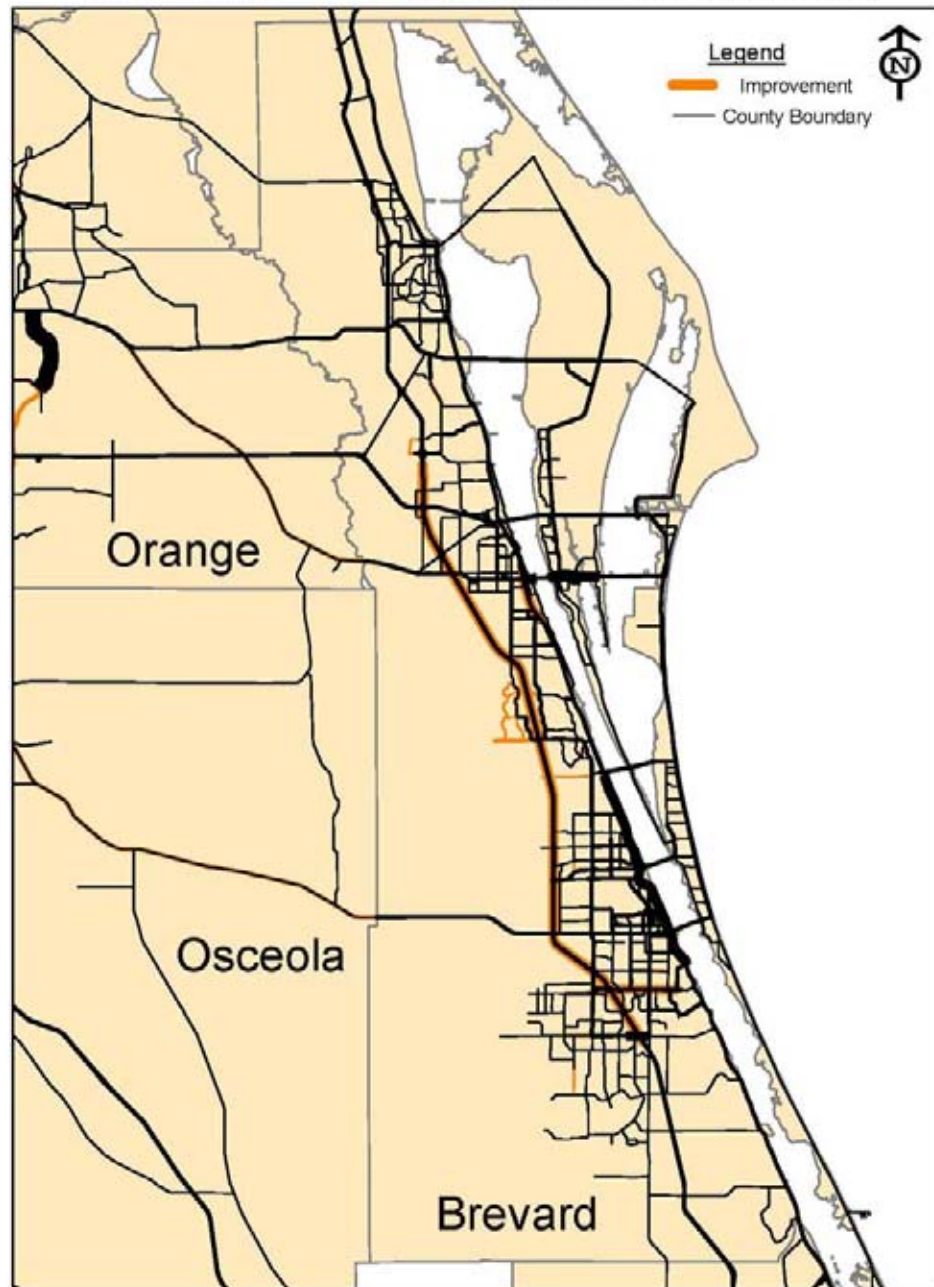


Figure 2 – CFRPM 5.0 E+C Transportation Improvement – Flagler County

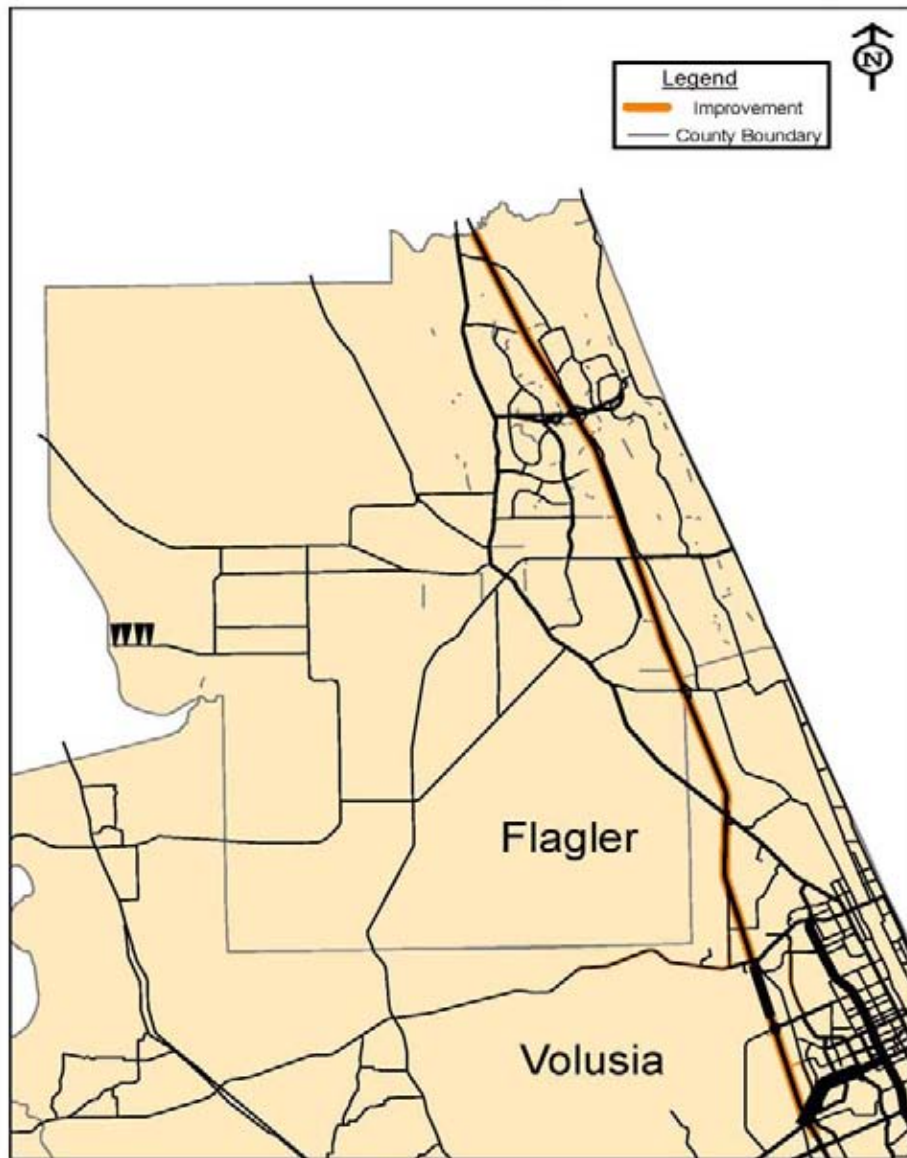


Figure 3 – CFRPM 5.0 E+C Transportation Improvements – Lake County

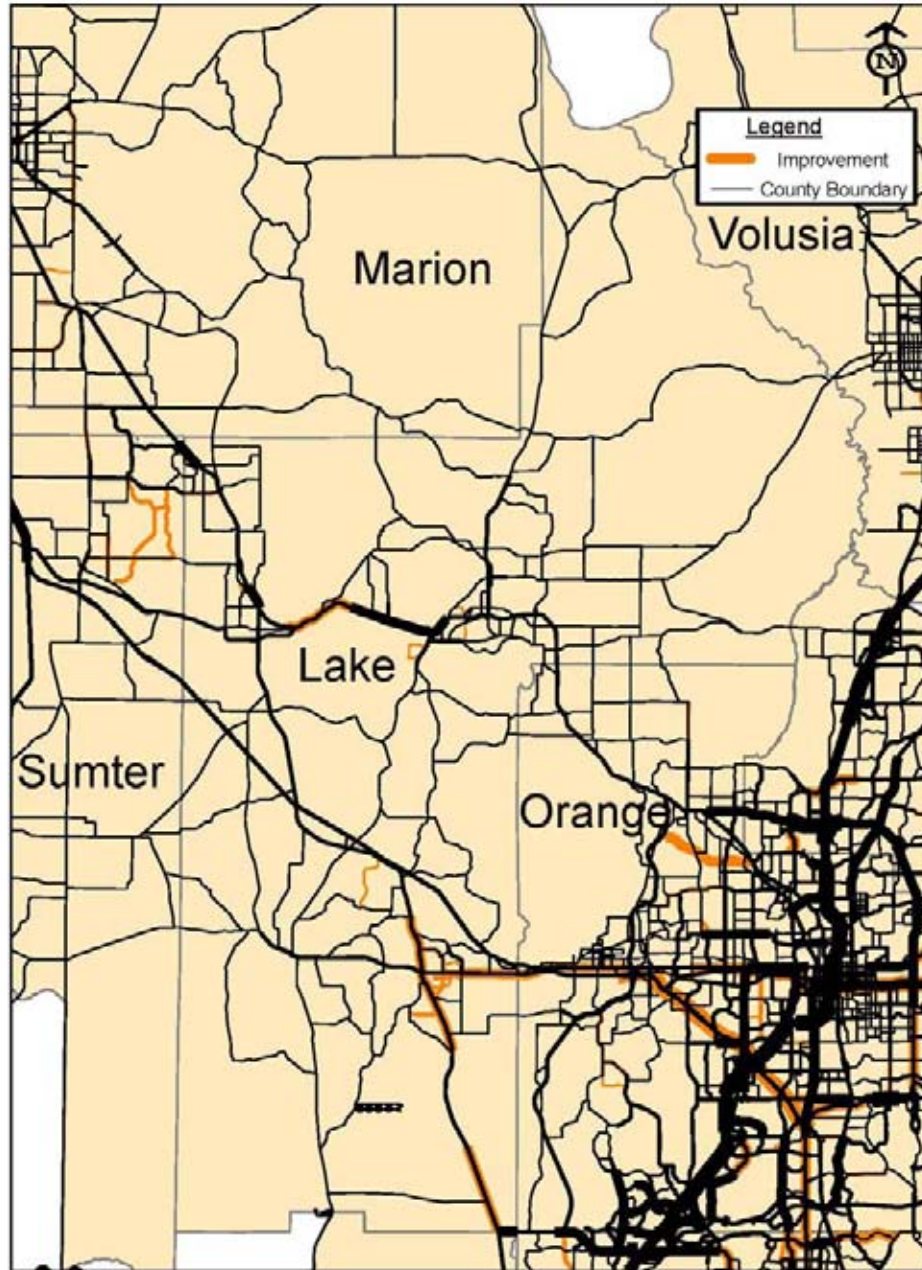


Figure 4 – CFRPM 5.0 E+C Transportation Improvements – Marion County

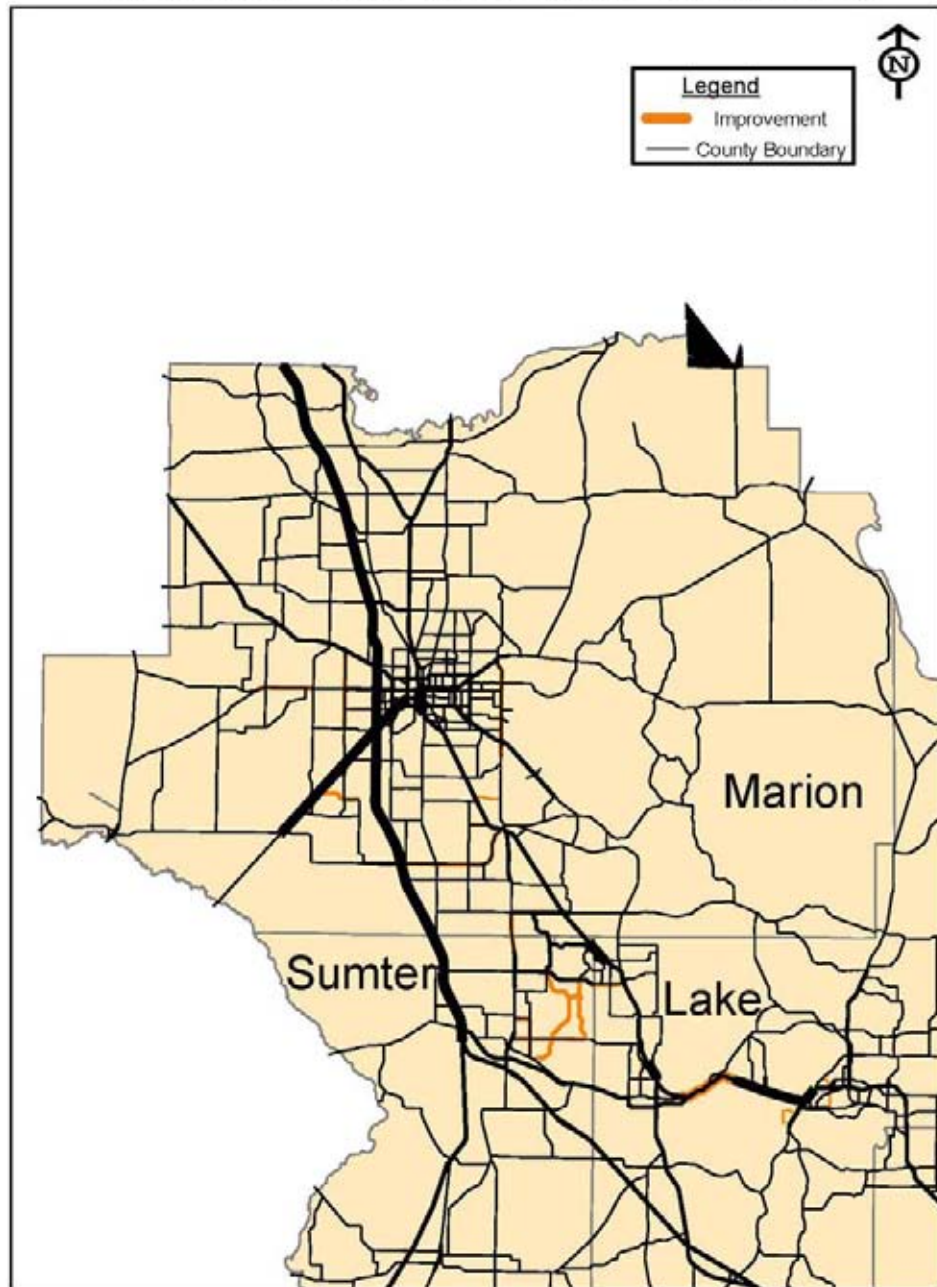


Figure 5 – CFRPM 5.0 E+C Transportation Improvements – Orange County

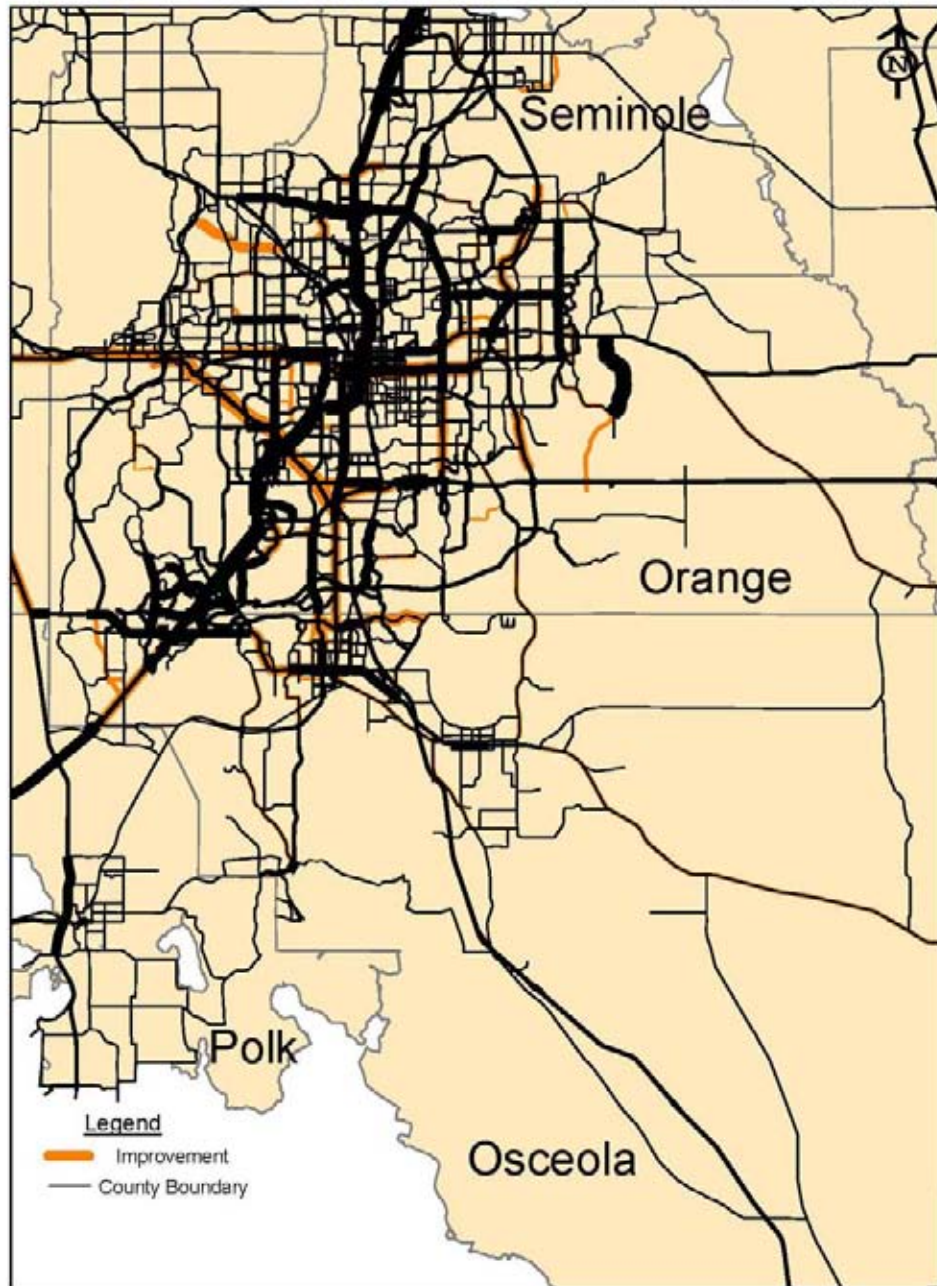


Figure 6 – CFRPM 5.0 E+C Transportation Improvements – Osceola County

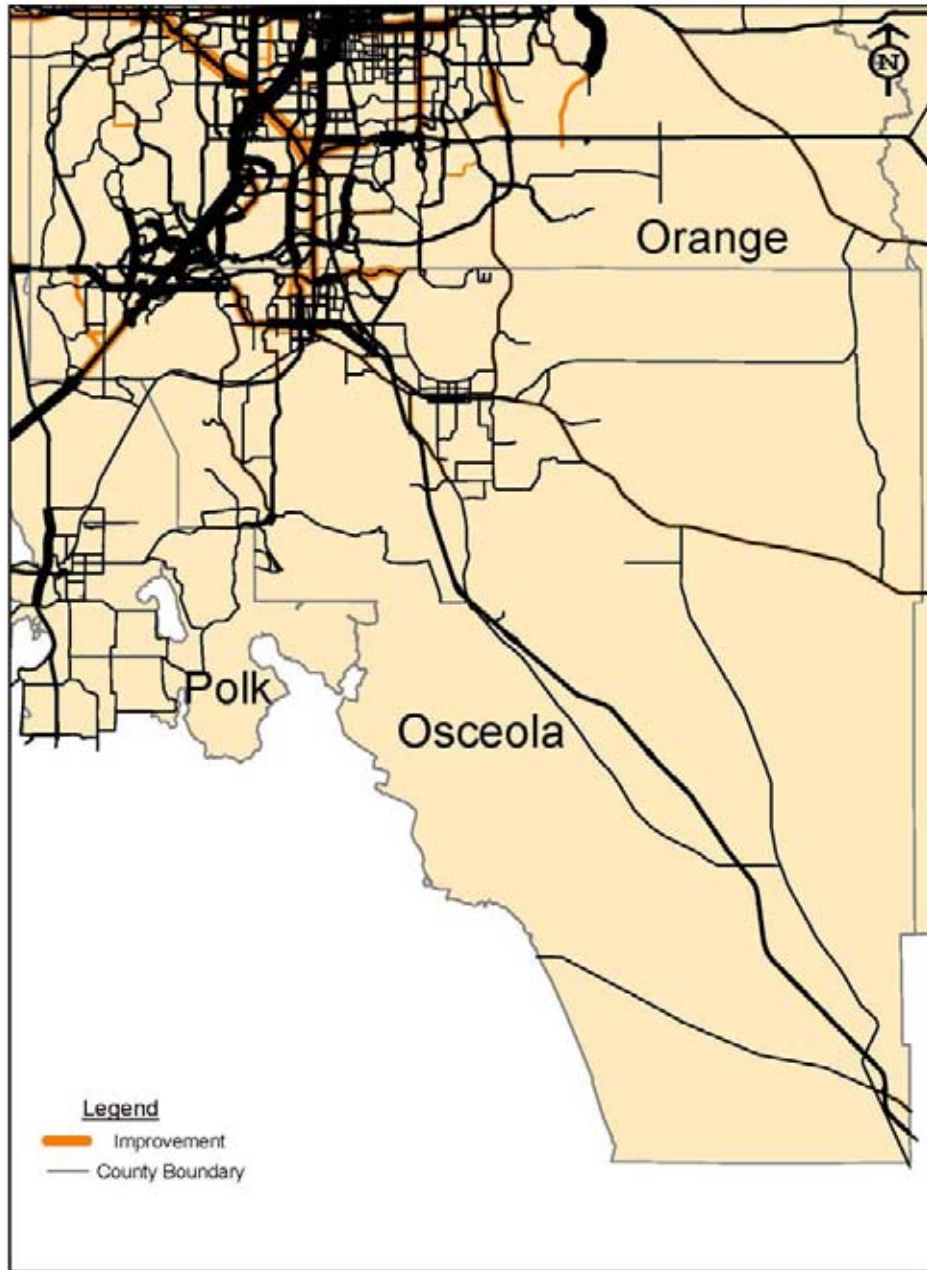


Figure 7 – CFRPM 5.0 E+C Transportation Improvements – Seminole County

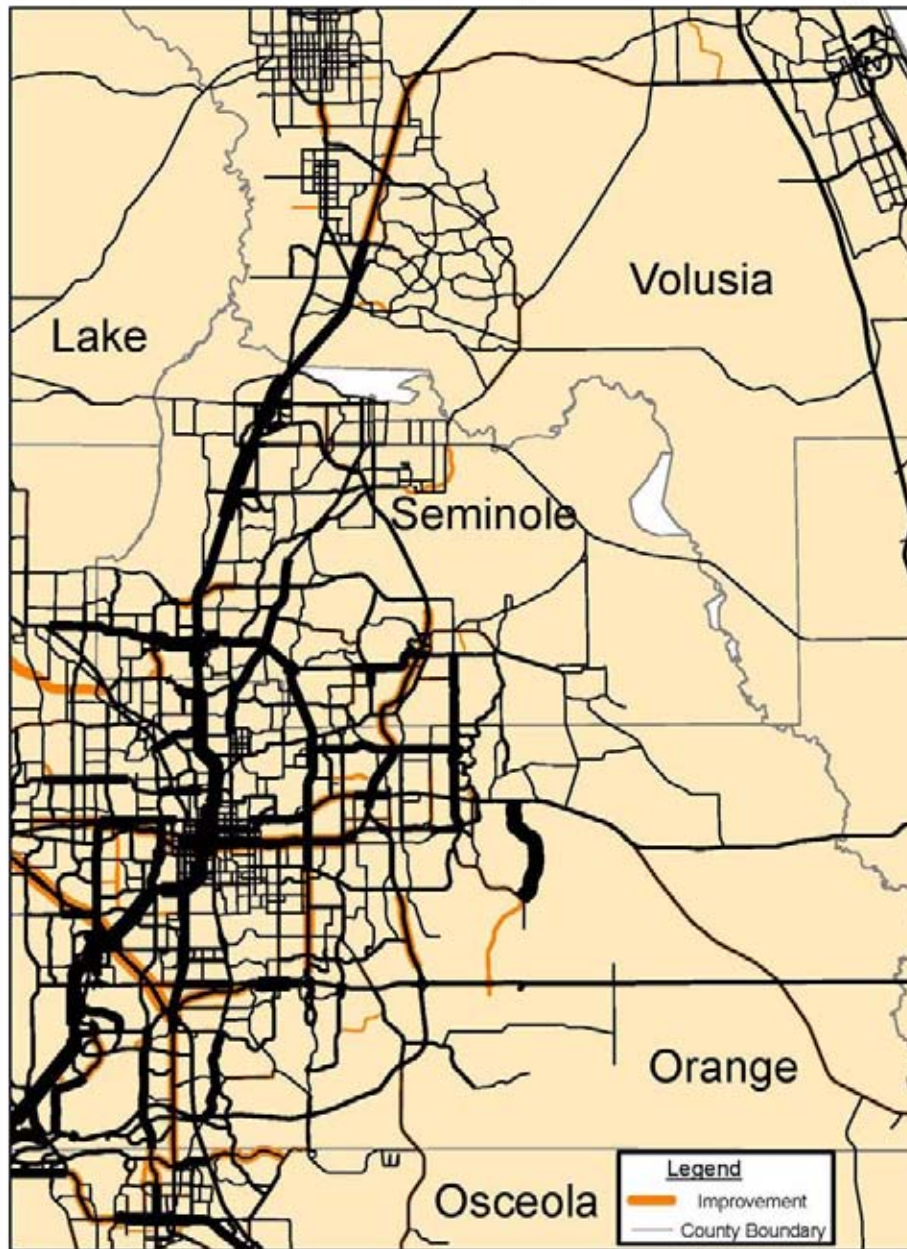


Figure 8 – CFRPM 5.0 E+C Transportation Improvements – Sumter County

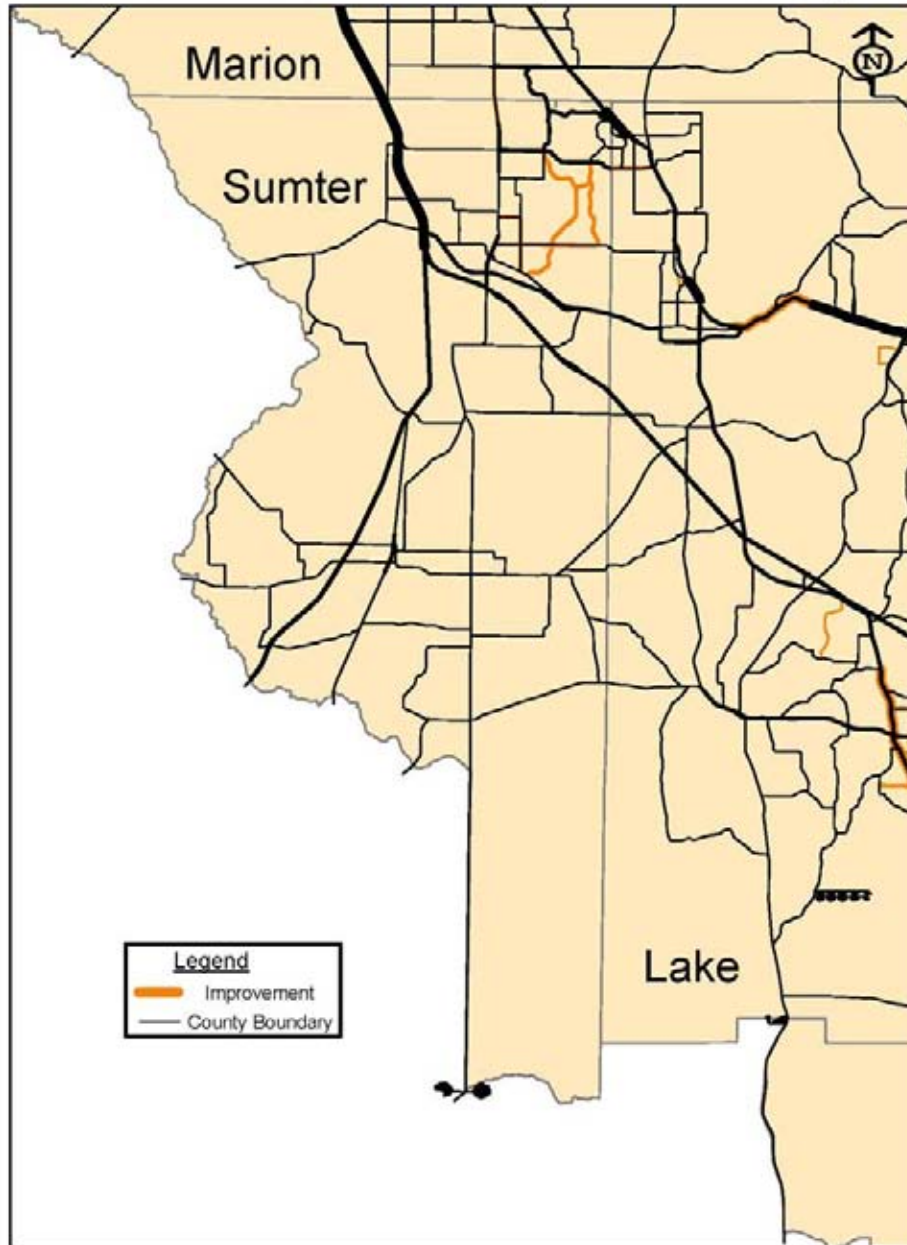
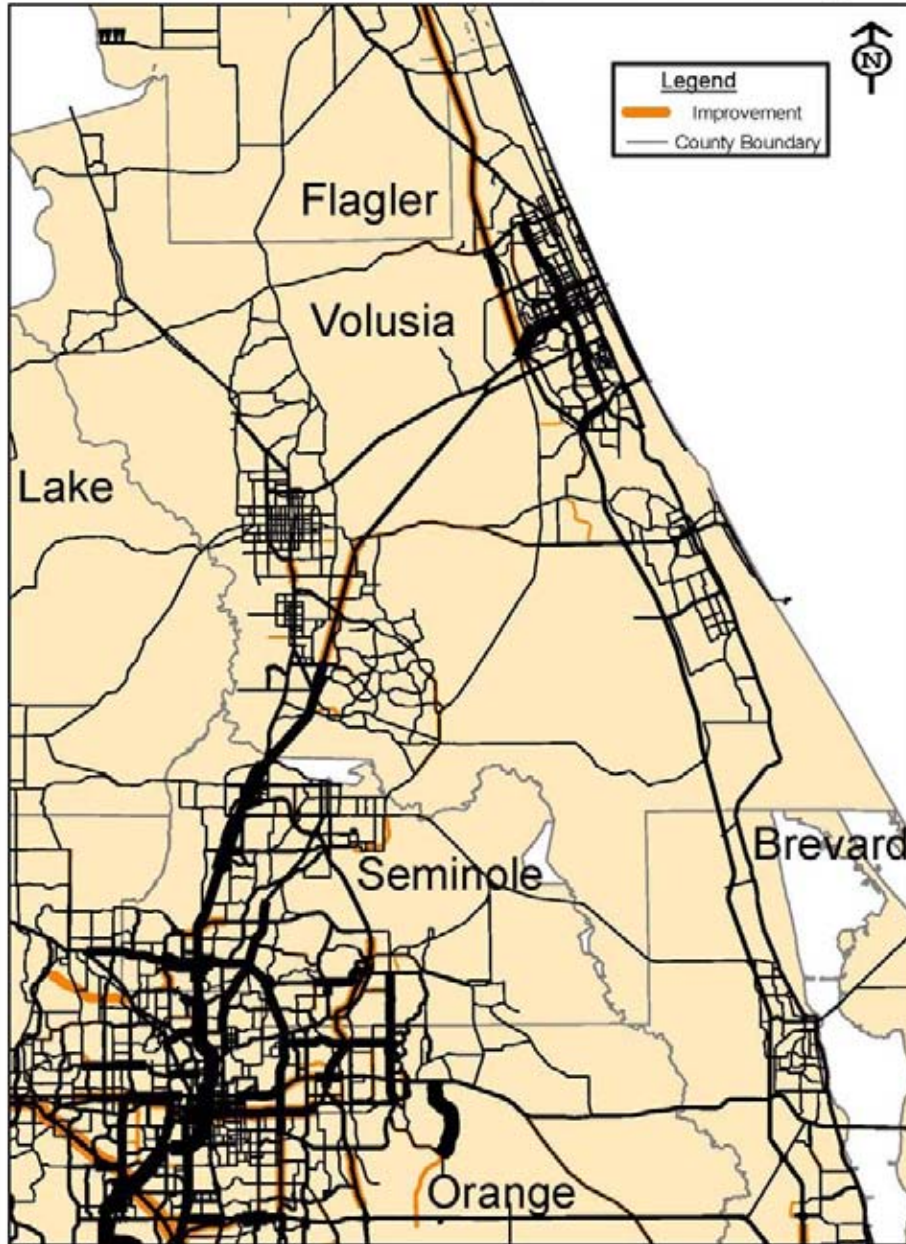


Figure 9 – CFRPM 5.0 E+C Transportation Improvements – Volusia County



2.3 Performance Measures

The E+C Alternative’s summary statistics are shown in Table 13 compared to the 2005 base year model. While there is a significant increase in the number of lane miles added to the CFRPM network as part of the E+C Alternative, it does not keep up with the projected increase in land use in 2035. Therefore, congestion on the system increases significantly, as shown in the VMT, VHT and delay statistics. The transit ridership comparison between the 2005 base year and the E+C Alternative is shown in Table 14. Figure 10 shows a volume to capacity plot of the CFRPM 5.0 E+C Alternative.

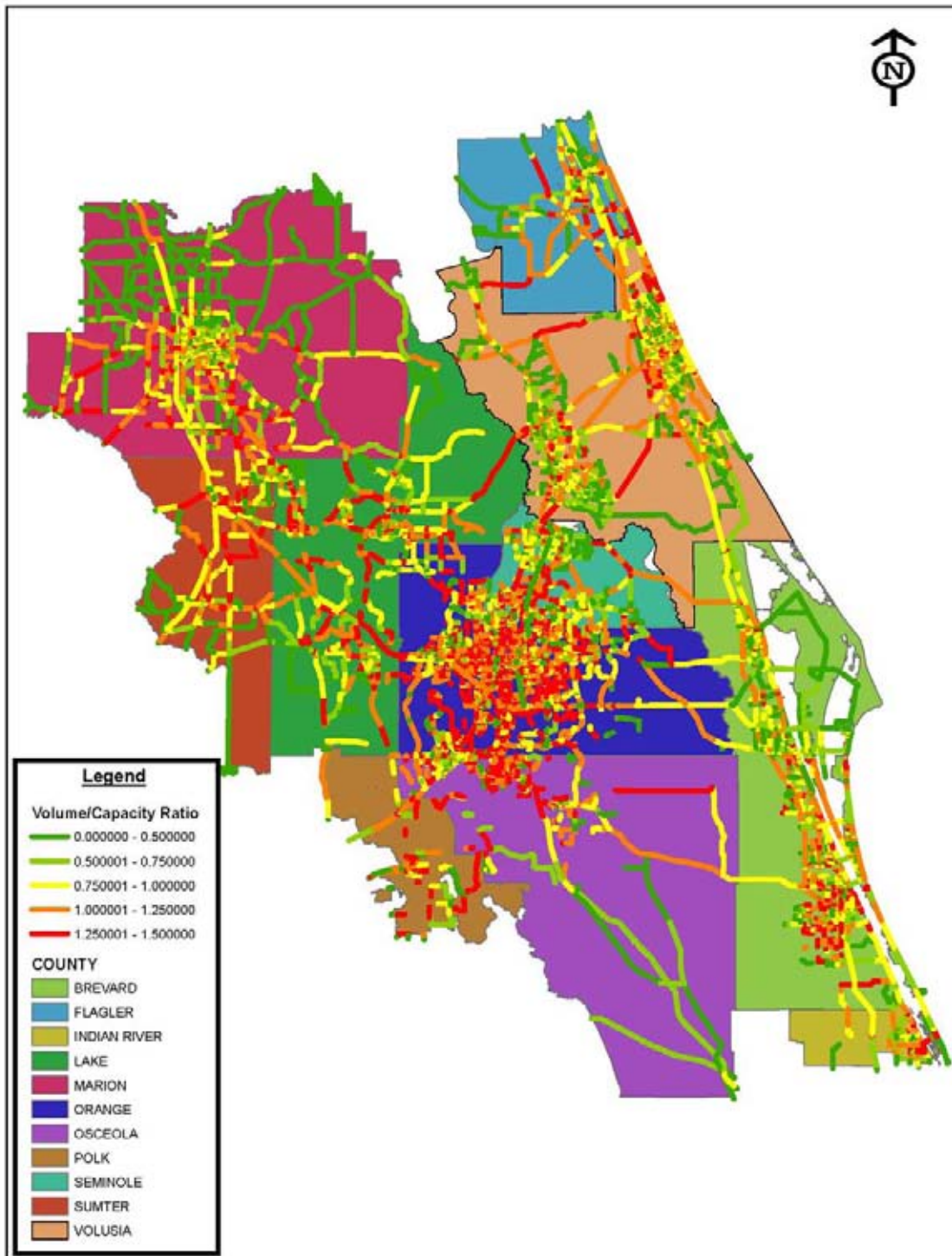
Table 13 – CFRPM 5.0 E+C Alternative Performance Measures

Performance Measure	2005 Base	2013 E+C	% Change
Total Number of Links	16,711	17,233	3.12%
Total System Miles	7,385.24	7,604.87	2.97%
Total Lane Miles	18,342.82	19,842.09	8.17%
Total Directional Miles	13,209.45	13,591.08	2.89%
Total VMT Using Volumes	103,586,496	197,970,927	91.12%
Total VMT Using Capacity	194,382,556	208,578,811	7.30%
Total VMT V/C	0.53	0.95	79.25%
Total VHT Using Volumes	2,678,051	10,816,103	303.88%
Total VHT Using Capacity	4,654,781	8,475,985	82.09%
Total VHT V/C	0.58	1.28	120.69%
Total Volumes All Links	248,291,831	430,062,444	73.21%
Average Total Volume	14,858	24,956	67.96%
Total VMT All Links	103,586,496	197,970,927	91.12%
Total VHT All Links	2,678,051	10,816,103	303.88%
Total Original Speed (MPH)	38.86	38.91	0.13%
Total Congested Speed (MPH)	35.81	28.37	-20.78%
Total Accidents	907.95	1,828.07	101.34%
Total Injuries	156.21	309.87	98.37%
Total Fatalities	2.35	4.59	95.32%
Total CO Emissions (Kilograms)	1,058,252	2,533,062	139.36%
Total HC Emissions (Kilograms)	133,849	302,216	125.79%
Total NO Emissions (Kilograms)	150,494	264,657	75.86%
Total Fuel Use	9,207,951	16,866,855	83.18%
Total Accident Cost (Dollars)	364,501	721,959	98.07%
Total Users Cost (Dollars)	14,388,053	26,021,441	80.85%
Total Maintenance Cost (Dollars)	50,935,861,359	97,524,169,051	91.46%
Total Delay Due To Congestion (Vehicle-Hours)	491,604	6,637,020	1250.07%

Table 14 – CFRPM 5.0 E+C Transit Ridership

CFRPMv5.0 Transit Operator	Description	Transit Ridership 2005	Transit Ridership 2035 E+C	% Change
1	LYNX	78,453	115,369	32%
11	VOTRAN	8,475	9,096	7%
21	Space Coast Service	5,669	5,724	1%
31	SunTran Service	1,226	1,475	17%
41	Lake County Transit Service	-	-	-

Figure 10 – CFRPM 5.0 E+C Alternative Volume to Capacity Plot



3.0 Alternative 1

Alternative 1 is considered a ‘needs’ alternative and is meant to include the known priority transportation projects that are necessary to accommodate the anticipated socioeconomic growth and the network deficiencies identified in the E+C alternative. However, Alternative 1 does not include all of the needed improvements that would be required to accommodate the region’s growth, but is rather a grouping of likely projects that could feasibly be implemented in the future. For the development of the CFRPM 5.0 Cost Feasible Alternative, there were two alternatives run to test the impact of different improvement combinations.

A comparison of the 2035 land use that was used as an input for this alternative and the 2005 base year land use is described in Section 3.1. The Alternative 1 projects are identified in Section 3.2 and the performance measures for the alternative are shown in Section 3.3.

3.1 Land Use Comparison

The preferred 2035 land use dataset was utilized in the Alternative 1. The 2035 CFRPM 5.0 socioeconomic dataset used in this alternative is compared to the 2005 base year dataset below in Tables 15 and 16. Table 15 shows a comparison of the residential land use by county for 2005 and 2035. Table 16 shows a similar comparison of the employment land use by county for the same years.



Table 15 – CFRPM 5.0 Residential Land Use Comparison

County	Single Family Dwelling Units			Single Family Population			Multi-Family Dwelling Units			Multi-Family Population			Hotel Rooms		
	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change
Seminole	113,173	128,598	13.6%	318,878	352,204	10.5%	59,577	80,226	34.7%	103,752	145,911	40.6%	5,098	8,098	58.8%
Orange	275,657	427,395	55.0%	729,891	1,135,230	55.5%	164,323	367,039	123.4%	322,588	751,275	132.9%	98,083	164,318	67.5%
Osceola	80,798	164,217	103.2%	201,857	463,200	129.5%	22,315	105,398	372.3%	41,644	260,057	524.5%	35,222	62,975	78.8%
Lake	113,473	198,231	74.7%	238,897	417,720	74.9%	15,055	52,907	251.4%	24,745	86,860	251.0%	3,610	5,337	47.8%
Volusia	175,001	228,344	30.5%	395,039	542,441	37.3%	59,910	94,774	58.2%	99,592	150,322	50.9%	21,368	24,597	15.1%
Brevard	191,599	275,445	43.8%	440,543	634,839	44.1%	55,710	82,539	48.2%	86,377	137,152	58.8%	9,093	13,548	49.0%
Marion	124,728	210,671	68.9%	272,294	461,511	69.5%	18,608	28,171	51.4%	33,367	51,905	55.6%	6,447	9,212	42.9%
Sumter	28,513	89,367	213.4%	64,727	211,683	227.0%	752	8,793	1069.3%	1,720	20,253	1077.5%	612	1,876	206.5%
Flagler	34,628	93,691	170.6%	72,332	188,722	160.9%	4,869	17,796	265.5%	9,737	32,523	234.0%	681	998	46.6%
Polk	22,278	48,268	116.7%	49,134	114,127	132.3%	20,806	38,143	83.3%	31,024	60,858	96.2%	1,455	3,125	114.8%

Table 16 – CFRPM 5.0 Employment Land Use Comparison

County	Industrial Employment			Commercial Employment			Service Employment			Total Employment		
	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change
Seminole	34,917	81,055	132.1%	56,760	103,823	82.9%	122,811	193,720	57.7%	214,488	378,598	76.5%
Orange	94,210	131,045	39.1%	168,417	322,337	91.4%	544,730	1,053,412	93.4%	807,357	1,506,794	86.6%
Osceola	9,604	13,012	35.5%	22,118	39,837	80.1%	45,697	92,086	101.5%	77,419	144,935	87.2%
Lake	19,808	38,776	95.8%	24,283	48,528	99.8%	57,493	108,500	88.7%	101,591	195,804	92.7%
Volusia	30,772	43,338	40.8%	47,268	66,288	40.2%	118,746	156,443	31.7%	196,754	266,069	35.2%
Brevard	60,761	75,579	24.4%	54,209	86,736	60.0%	162,616	223,590	37.5%	277,596	385,905	39.0%
Marion	27,552	35,505	28.9%	28,444	45,379	59.5%	63,143	117,885	86.7%	119,137	198,769	66.8%
Sumter	3,504	16,925	383.0%	3,256	26,640	718.2%	8,523	44,616	423.5%	15,281	88,181	477.1%
Flagler	3,398	9,225	171.5%	6,528	18,017	176.0%	12,369	33,584	171.5%	22,297	60,826	172.8%
Polk	4,694	8,077	72.1%	5,536	12,766	130.6%	11,936	20,343	70.4%	22,166	41,186	85.8%

3.2 Alternative 1 Network

The network for the Alternative 1 model includes those projects that were identified as E+C projects as well as projects identified by the MPOs to include in Alternative 1.

The Alternative 1 model assumes the 2035 land use discussed in Section 3.1. Since this alternative assumes 25 years of land use growth and includes those transportation improvements that are currently on the ground or committed to be funded, it highlights additional transportation deficiencies for each MPO area. The MPOs can then use the other future year alternative to evaluate the impact of various transportation solutions to these the transportation deficiencies highlighted in the Alternative 1 model.

Documented in Tables 17 through 22 are the lists of highway and transit projects provided by the MPOs for use in the development of the Alternative 1 model. In the case of METROPLAN ORLANDO, the list was generated based on its adopted 2030 LRTP. Year 2035 project lists for Flagler County and Sumter County were developed through coordination with both County staff and FDOT staff. The tables are presented by MPO and are followed with a graphical representation (Figures 11 through 16) of each project.

Transit system enhancements in the form of additional routes and reduced headways are also included in Alternative 1 for LYNX, SpaceCoast, Lake County Transit System, SunTran, and Votran. A Commuter Rail system and feeder bus service in Volusia, Seminole, Orange and Osceola Counties was also included.

Table 17 – CFRPM 5.0 Alternative 1 Transportation Improvements – Flagler County

Roadway Project	From	To	Improvement
Belle Terre Pkwy	Palm Coast Pkwy	Pine Lakes Pkwy	Widen to 6 Lanes
Belle Terre Pkwy	Palm Coast Pkwy	Matanzas Woods Pkwy	Widen to 4 Lanes
Flagler Central Commerce Pkwy	SR 100	US 1	New 2 Lane Roadway
Grand Reserve Blvd/Travis Walker Trail	SR 100	US 1	New 2 Lane Roadway
Matanzas Woods Pkwy	I-95		New Interchange
Old Kings Rd	Farragut	Forest Grove	Widen to 4 Lanes
Old Kings Rd	Palm Coast Pkwy	SR 100	Widen to 4 Lanes

Table 18 – CFRPM 5.0 Alternative 1 Transportation Improvements – Lake-Sumter MPO

Roadway Project	From	To	Improvement
C-462	CR 209	C-466A	Widen to 4 Lanes
C-466	C-475	SR 35 (US 301)	Widen to 4 Lanes
C-466A	SR 35 (US 301)	Buena Vista	Widen to 4 Lanes
C-468	SR 35 (US 301)	SR 91/Florida's Turnpike	Widen to 4 Lanes
C-468	SR 91 (FL TPK)	SR 44	Widen to 4 Lanes
C-470	SR 44	SR 93 (I-75)	Widen to 4 Lanes
C-470	SR 93 (I-75)	Lake County	Widen to 4 Lanes
C-475	SR 48	C-470	Widen to 4 Lanes
Citrus Grove Blvd	US 27	N Hancock Rd/Florida's Turnpike	Widen to 4 Lanes
CR 19A	SR 500 (US 441)	CR 44C (Eudora Rd)	Widen to 4 Lanes
CR 44	SR 500 (US 441)	SR 19	Widen to 4 Lanes
CR 466A	Sumter County	SR 25/500 (US 27/441)	Widen to 4 Lanes
CR 470	Sumter County	CR 33/CR 48	Widen to 4 Lanes
CR 561	SR 19	Country Club	Widen to 4 Lanes
CR 561/561A Realign	CR 455	SR 91/Florida's Turnpike	Widen to 4 Lanes
Fosgate Rd	SR 25 (US 27)	N Hancock Rd	Widen to 4 Lanes

Table 18 – CFRPM 5.0 Alternative 1 Transportation Improvements – Lake-Sumter MPO (continued)

Roadway Project	From	To	Improvement
Hartle Rd	SR 50	Hartwood Marsh Rd	Widen to 4 Lanes
Hartwood Marsh Rd	SR 25 (US 27)	Hancock Rd	Widen to 4 Lanes
Hooks St	Hancock Rd	Hartle Rd	Widen to 4 Lanes
Hooks St	SR 25 (US 27)	S Hancock Rd	Widen to 4 Lanes
Minneola Interchange	SR 91/Florida's Turnpike		New Interchange
N Hancock Extension	CR 50	SR 91/Florida's Turnpike/Fosgate Rd	Widen to 4 Lanes/New Interchange
Rolling Acres Rd	SR 25/500 (US 27/441)	CR 466	Widen to 4 Lanes
S Hancock Rd	Hooks St	Hartwood Marsh Rd	Widen to 4 Lanes
SR 19	CR 561	Lake Harris Bridge	Widen to 4 Lanes
SR 19	Lake Harris Bridge	CR 48	Widen to 4 Lanes
SR 19	SR 25 (US 27)	SR 50	Widen to 4 Lanes
SR 25 (US 27)	SR 50		Interchange Improvements
SR 25 (US 27)	CR 561 (S)	CR 561 (N)	Widen to 4 Lanes
SR 25 (US 27)	N of Boggy Marsh Rd	N of Lake Louisa Rd	Widen to 6 Lanes
SR 25/500 (US 27/441)	Buenos Aires	Marion County Line	Widen to 6 Lanes
SR 25/500 (US 27/441)	Lake Ella Rd	Avenida Central	Widen to 6 Lanes
SR 25/500 (US 27/441)	MLK Jr Blvd	Lake Ella Rd	Widen to 6 Lanes
SR 35 (US 301)	CR 468	SR 91/Florida's Turnpike	Widen to 4 Lanes
SR 35 (US 301)	CR 470 (W)	CR 468	Widen to 4 Lanes
SR 35 (US 301)	N of CR 232	N of NE 110 Rd	Widen to 4 Lanes
SR 44	SR 500 (US 441)	SR 44/E Orange Ave	Widen to 4 Lanes
SR 46/Wekiva Connector	SR 500 (US 441)	Wekiva Parkway	New Beltway
SR 48	E of CR 93 (I-75) Ramps	CR 475 (Main St)	Widen to 4 Lanes
SR 50	E of Grand Highway	W of Hancock Rd	Widen to 6 Lanes
SR 500 (US 441)	Perkins St	SR 44 (E Dixie Ave)	Widen to 6 Lanes
SR 500 (US 441)	SR 44	SR 46/Wekiva Connector	Widen to 4 Lanes
SR 93 (I-75)	C-466		New Interchange
SR 93 (I-75)	Hernando County Line	SR 91/Florida's Turnpike	Widen to 6 Lanes
US 27 Reliever	SR 25/500 (US 27/441)	SR 44	New Reliever
Wekiva Parkway	Orange County Line	Seminole County Line	New Beltway

Table 19 – CFRPM 5.0 Alternative 1 Transportation Improvements – Ocala-Marion TPO

Roadway Project	From	To	Improvement
Belleview Bypass	US 441/27	SR 35	New 4 Lane Road
CR 42	US 441/27	CR 25	Widen to 4 Lanes
CR 464	SR 35	Oak Rd	Widen to 6 Lanes
Dunellon Bypass	CR 40	US 41	New 2 Lane Road
Emerald Rd Extension	Railroad Tracks	Belleview Bypass	New 2 Lane Road
I-75	SW 95th St		New Interchange
NE 25th Ave	SR 492/NE 14th St	NE 35th St	Widen to 4 Lanes
NE 36th Ave	SR 492/NE 14th St	NE 49th St	Widen to 4 Lanes
NW MLK Ave	NW 22nd St	NW 35th St	Widen to 4 Lanes
NW/NE 35th St	NW 27th Ave	NE 36th Ave	Widen to 4 Lanes
SE 17th St Extension	SE 44th Ave	SE 47th Ave	New 2 Lane Road
SR 35	CR 464	SE 92nd Pl Rd	Widen to 4 Lanes
SR 40	NE 60th Ct	CR 314	Widen to 4 Lanes
SW 38th/40th St	SW 80th Ave	SR 200	Widen to 4 Lanes
SW 49th Ave	CR 484	SW 95th St	Widen to 4 Lanes
SW 49th Ave	SW 95th St	SW 42nd St	New 2 Lane Road
SW 49th Ave Extension	CR 484	Marion Oaks Tr	New 4 Lane Road
SW 80th Ave	SR 200	SR 40	Widen to 4 Lanes
SW 95th St	SW 49th Ave	I-75	Widen to 4 Lanes
US 41	SW 11th Pl Ln	SR 40	Widen to 4 Lanes

Table 20 – CFRPM 5.0 Alternative 1 Transportation Improvements – Space Coast TPO

Roadway Project	From	To	Improvement
Palm Bay Pkwy	Ellis Rd	Micco Rd	New 4 Lane Road + New Interchange w/ I-95
Washingtonia Drive Extension	Wickham Rd/Lake Andrew	Palm Bay Pkwy	New 4 Lane Road

Table 21 – CFRPM 5.0 Alternative 1 Transportation Improvements – Volusia TPO

Roadway Project	From	To	Improvement
Airport Rd	Sabal Creek	Creekside Middle	Widen to 4 Lanes
Airport Rd	Hunters Ridge Dr	SR 40 (in Flagler Cty)	Widen to 4 Lanes/New 2 Lane Road
Beresford Ave Extension	Blue Lake Ave	Kepler Rd	New 2 Lane Road
Beresford Ave Extension	Kepler Rd	Summit Ave	New 2 Lane Road
Colony Park Road Extension	Current terminus (SR 44)	Pioneer Tr	New 2 Lane Road
Dirksen Dr	US 17/92	I-4	Widen to 4 Lanes
Doyle Rd	Providence Blvd	SR 415	Widen to 4 Lanes
Dunn Ave	Williamson Blvd	Clyde Morris Blvd	Widen to 4 Lanes
Dunn Ave Extension	Tomoka Farms Rd	LPGA Blvd	New 2 Lane Road
Graves Ave	Veterans Memorial Pkwy	SR 472	Widen to 4 Lanes
Hand Ave	Williamson Blvd	Nova Rd	Widen to 4 Lanes
Hand Ave Extension	Williamson Blvd	Tymber Creek Road	New 2 Lane Road
Howland Blvd	Providence Blvd	Elkcam Blvd	Widen to 4 Lanes
I-4	I-95	US 92	New Systems Interchange
I-4	SR 44	I-95	Widen to 6 Lanes
I-95	SR 400 (Beville Road)	SR 44	Widen to 6 Lanes
I-95	SR 421		New Interchange
I-95	US 1 (Ormond Crossings)		New Interchange
Kentucky Ave	Graves	SR 472	Widen to 4 Lanes
Kepler Rd	SR 44	US 92	Widen to 4 Lanes
Madeline Ave	Williamson Blvd	Clyde Morris Blvd	Widen to 4 Lanes
Madeline Ave Extension	Existing Terminus	US 1	New 2 Lane Road
Madeline Ave Extension	Williamson Blvd	Tomoka Farms Road	New 2 Lane Road
Martin Luther King	SR 44	SR 472	Widen to 4 Lanes
Providence Blvd	Howland Blvd	Fort Smith Blvd	Widen to 4 Lanes
Providence Blvd	Tivoli Dr	Doyle Rd	Widen to 4 Lanes
Rhode Island Extension	Veterans Memorial Pkwy	Normandy Blvd	New 2 Lane Road
Saxon Blvd	US 17/92	I-4	Widen to 6 Lanes
Saxon Blvd Extension	Rail Station	Westside Parkway	New 2 Lane Road
Saxon Blvd Extension	Westside Parkway	US 17/92	New 2 Lane Road
SE Volusia North-South Connector Rd	Old Mission (@ Josephine)	Volco Rd	New 4 Lane Road

Table 21 – CFRPM 5.0 Alternative 1 Transportation Improvements – Volusia County TPO (continued)

Roadway Project	From	To	Improvement
SR 40	Cone Road (Airport Road)	SR 11	Widen to 4 Lanes
SR 40	I-95	Tymber Creek Road	Widen to 6 Lanes
SR 40	SR 11	SR 17	Widen to 4 Lanes
SR 40	SR 17	County Line	Widen to 4 Lanes
SR 415	Reed Ellis	Seminole County Line	Widen to 4 Lanes
SR 44	Voorhis Ave	Kepler Road	Widen to 4 Lanes
SR 472	Graves Ave	Kentucky/MLK Blvd	Widen to 6 Lanes
SR 483 (Clyde Morris Blvd)	Beville Road	US 92	Widen to 6 Lanes
Taylor Rd	Summertrees	Forest Preserve Blvd	Widen to 4 Lanes
Tymber Creek Rd Extension	Peruvian	Airport	New 2 Lane Road
Tymber Creek Rd Extension	SR 40	LPGA Blvd	New 2 Lane Road
US 17	SR 40	Ponce DeLeon Blvd.	Widen to 4 Lanes
US 92	I-4	CR 415 (Tomoka Farms Rd)	Widen to 6 Lanes
Veterans Memorial Pkwy	Graves	Harley Strickland	Widen to 4 Lanes
Veterans Memorial Pkwy	Veterans Memorial Pkwy	Kentucky Realignment	Realign Intersection
Westside Pkwy	French Ave	Rhode Island Ave Ext	New 2 Lane Road
Westside Pkwy	McGregor Rd	Hamilton Ave	New 2 Lane Road
Westside Pkwy	Rhode Island Ext	Donald Smith Blvd Terminus	New 2 Lane Road
Westside Pkwy Extension	SR 44	Beresford Ave	New 2 Lane Road
Williamson Blvd	Beville Road	Pavilion DRI	Widen to 4 Lanes
Williamson Blvd	LPGA Blvd	Hand Ave	Widen to 4 Lanes
Williamson Blvd Extension	Pioneer Trail	SR 44	New 2 Lane Road
Williamson Blvd Extension	SR 44	SR 442	New 2 Lane Road
Williamson Blvd Extension	Terminus	Pioneer Trail	New 4 Lane Road

**Table 22 – CFRPM 5.0 Alternative 1 Transportation Improvements – METROPLAN
 ORLANDO**

Roadway Project	Improvement
A.D. Mims Rd (Clarke Rd to Apopka-Vineland Rd)	Widen to 4 Lanes
A.D. Mims Rd (Wirst Rd to Clarke Rd)	Widen to 4 Lanes
Airport Blvd. (US 17-92 to Mellonville Ave)	Widen to 4 Lanes
Airport Blvd. Extension (SR 46 to C-15/Monroe Rd)	New 4 Lane Roadway
Alafaya Tr (Curry Ford Rd to Avalon Park Blvd)	Widen to 6 Lanes
Alden Road (Orange Ave to Rollins St)	New 2 Lane Roadway
All American Blvd. (Clarcona Ocoee Rd. to Forest City Rd.)	Realignment + New 4 Lane Roadway
Andes Avenue (Lake Underhill Rd to Fairgreen St.)	New 2 Lane Roadway
Apopka Vineland Rd/CR 435 (Fenton Rd to Darlene Rd)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (Balboa Dr to SR 438/Silver Star Rd.)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (Conroy-Windermere Rd to Old Winter Garden Rd)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (Sand Lake Rd to Conroy-Winderemere Rd)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (SR 50/Colonial Dr to Balboa Dr)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (A.D. Mims Rd to Clarcona Ocoee Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (Darlene Rd to Kilgore Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (Kilgore Rd to Sandlake Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (SR 438/Silver Star Rd to A.D. Mims Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (Wintergarden-Vineland Rd to Fenton Rd)	Widen to 6 Lanes
Augusta National Drive (Bent Pne De. To Hoffner Ave.)	New 2 Lane Roadway
Avalon Rd (CR 545) (McKinney Rd to Tilden Rd)	Widen to 4 Lanes
Avalon Rd (CR 545) (Seidel Rd to McKinney Rd)	Widen to 4 Lanes
Avalon Rd (CR 545) (Siplin Rd to SR 50/Colonial Dr)	Widen to 4 Lanes
Avalon Rd (CR 545) (SR 50/Colonial Dr to Oakland Ave)	Widen to 4 Lanes
Avalon Rd (CR 545) (Tilden Rd to Siplin Rd)	Widen to 4 Lanes
Avalon Rd (CR 545) (US 192 to Seidel Rd)	Widen to 4 Lanes
Beulah Rd (Marshall Farms Rd to SR 50/Colonial Dr)	Widen to 4 Lanes
Bill Beck Blvd. (Kissimmee Charter School to Osceola Pkwy.)	New 2 Lane Roadway
Binion Rd (Boy Scout Rd to Lust Rd)	Widen to 4 Lanes
Binion Rd (Ocoee-Apopka Rd to Boy Scout Rd)	Widen to 6 Lanes
Bluford Ave (Geneva St to Orlando Ave)	Widen to 3 Lanes
Bluford Ave (McKey St to SR 438/Silver Star Rd)	Widen to 3 Lanes
Bluford Ave (Orlando Ave to McKey St)	Widen to 3 Lanes
Bluford Ave (SR 50/Colonial Dr to Geneva St)	Widen to 3 Lanes
Boggy Creek DRI Rd F (Osceola Co. Line to Wyndham Lakes Blvd)	New 4 Lane Roadway
Boggy Creek Rd (Dowden Rd to Landstreet Rd)	Widen to 6 Lanes
Boggy Creek Rd (Osceola co Line to SR 417/Greenway)	Widen to 6 Lanes
Boggy Creek Rd (SIS Connector) (Landstreet Rd to Sand Lake Rd)	Widen to 6 Lanes
Boggy Creek Rd (SR 417/Greenway to Wetherbee Rd)	Widen to 6 Lanes
Boggy Creek Rd (Tradeport to Dowden Rd)	Widen to 6 Lanes
Boggy Creek Rd (Wetherbee Rd to Tadeport Dr)	Widen to 6 Lanes
Boggy Creek Rd/CR 530 (Buenaventura Blvd to Osceola Pkwy)	Widen to 6 Lanes
Boggy Creek Rd/CR 530 (Fortune Rd to Buenaventura Blvd)	Widen to 6 Lanes
Boggy Creek Rd/CR 530 (Orange Co. Line to Narcoossee Rd)	Widen to 4 Lanes
Boggy Creek Rd/CR 530 (Osceola Pkwy to Orange Co. Line)	Widen to 6 Lanes
Boggy Creek Road (Hilliard Isle to Osceola Pkwy)	Widen to 4 Lanes
Boggy Creek Road (Jetport Dr. to SR 417)	Widen to 4 Lanes
Boggy Creek Road (Osceola County Line to SR 417)	Widen to 4 Lanes
Boggy Creek Road (Osceola Parkway to E. Boggy Creek Rd)	Widen to 4 Lanes
Boone Avenue (Anderson St. to Lucerne Terrace)	New 2 Lane Roadway
Bowness Rd (Ocoee) (S Kissimmee Ave to Franklin St)	Widen to 4 Lanes
Bowness Rd/Kissimmee Ave (Ocoee) (Story Rd to S Kissimmee Ave)	Widen to 4 Lanes

**Table 22 – CFRPM 5.0 Alternative 1 Transportation Improvements – METROPLAN
ORLANDO (Continued)**

Roadway Project	Improvement
Brengle Av (New Hampshire St to WD Judge Rd)	New 2 Lane Roadway
Buenaventura Boulevard (Buttonwood Rd. to Orange County Line)	Widen to 6 Lanes
Canadian Court Ext. (International Dr. To John Young Pkwy.)	New 4 Lane Roadway
Carrier Drive (Grand National Dr to Universal Blvd.)	Widen to 4 Lanes
Carroll St (Columbia Ave/North Kissimmee MMTD to Thacker Ave)	Widen to 6 Lanes
Carroll St (John Young Parkway to US 441)	Widen to 4 Lanes
Carroll St (John Young Pkwy to US 441/Orange Blossom Trail)	Widen to 6 Lanes
Carroll St (Thacker Ave to John Young Parkway)	Widen to 6 Lanes
Carroll St (US 441/Orange Blossom Trail to Old Dixie Hwy)	Widen to 4 Lanes
Carroll Street (Old Dixie Hwy to Michigan Ave)	Widen to 5 Lanes
Central FL Pkwy (International Dr. to SR 423/John Young Parkway)	Widen to 6 Lanes
Central FL Pkwy (Turkey Lake Rd to International Dr)	Widen to 4 Lanes
Chickasaw Tr/Vista Park Blvd (0.5 miles N of Lee Vist Blvd to Cascade Dr)	Widen to 4 Lanes
Chickasaw Trail (Cascade Dr to Curry Ford Rd)	Widen to 4 Lanes
Citrus Oaks Ave (SR 50 /Colonia Dr to Old Winter Garden Rd)	Widen to 4 Lanes
Clarcona Rd (Clarcona-Ocoee Rd to Gilliam Rd)	Widen to 5 Lanes
Clarcona Rd (Clarke Rd to Apopka-Vineland Rd)	Widen to 6 Lanes
Clarcona Rd (Gilliam Rd to Keene St)	Widen to 6 Lanes
Clarcona Rd (Keene St to Cleveland St)	Widen to 6 Lanes
Clarcona-Ocoee Rd (Adair St to Clarke Rd)	Widen to 4 Lanes
Clarcona-Ocoee Rd (Apopka-Vineland Rd to Hiwassee Rd)	Widen to 6 Lanes
Clarcona-Ocoee Rd (Fullers Cross Rd to West Rd)	Widen to 4 Lanes
Clarcona-Ocoee Rd (West Rd to Adair St)	Widen to 6 Lanes
Clarke Rd (A.D. Mims Rd to SR 438/Silver Star Rd)	Widen to 6 Lanes
Clarke Rd (Clarcona-Ocoee Rd to Hackney-Prairie Rd)	Widen to 6 Lanes
Clarke Rd (Hackney-Prairie Rd to A.D. Mims Rd)	Widen to 6 Lanes
Clarke Rd (SR 438/Silver Star Rd to White Rd)	Widen to 6 Lanes
Clarke Rd (White Rd to SR 50/Colonial Dr)	Widen to 6 Lanes
Conroy-Windermere Rd (Lake St. to Apopka-Vineland Rd)	Widen to 4 Lanes
Conway Rd (Hoffner Rd to Gaitlin Ave)	Widen to 6 Lanes
Conway Rd (Judge Rd to Hoffner Rd)	Widen to 6 Lanes
Conway Rd (McCoy Rd to Judge Rd)	Widen to 6 Lanes
CR 419 (Chuluotta Bypass (Showhill Rd) to Orange County line)	Widen to 4 Lanes
CR 419 (Chuluotta Rd (Lake Pickett Rd to SR 50/Colonial Dr)	Widen to 4 Lanes
CR 419 (Chuluotta Rd) (Seminole Co line to Lake Pickett Rd)	Widen to 4 Lanes
CR 419 (CR 426 to 0.30 miles west of Lockwood Blvd)	Widen to 4 Lanes
CR 427 (Country Home Rd to Lake Mary Blvd)	Widen to 6 Lanes
CR 427 (Longwood-Lake Mary Rd to SR 419)	Widen to 6 Lanes
CR 427 (North St to Seminole Blvd/Dog Track Rd)	Widen to 6 Lanes
CR 427 (Seminole Blvd/Dog Track Rd to SR 434)	Widen to 6 Lanes
CR 427 (SR 419 to US 17-92)	Widen to 6 Lanes
CR 427 (Sr 434 to Longwood-Lake Mary Rd)	Widen to 6 Lanes
CR 427 (SR 436 to North St)	Widen to 6 Lanes
CR 427 (US 17-92 to Country Home Rd)	Widen to 6 Lanes
CR 438A (Kennedy Blvd/Lake Ave) (Keller Rd to Wymore Rd)	Widen to 6 Lanes
CR 438A (Kennedy Blvd/Lake Ave) (Wymore Rd to US 17-92)	Widen to 4 Lanes
CR 46A (International Pkwy to Rinehard Rd)	Widen to 6 Lanes
CR 532 (Nova Rd) (Osceola Co Line to SR 520)	Widen to 4 Lanes
CR 532 (Osceola Polk Line CR 545 to US 17-92)	Widen to 4 Lanes
CR 535 (Winter Garden-Vineland Rd) (Buena Vista Dr to Reams Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Chase Rd to Ficquette Rd/Hancock Rd)	Widen to 6 Lanes

**Table 22 – CFRPM 5.0 Alternative 1 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
CR 535 (Winter Garden-Vineland Rd) (Ficquette Rd/Hancock Rd to Tilden Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Reams Rd to Chase Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Roper Rd to SR 50/Colonial Dr)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (SR 429 to Roper Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Tilden Rd to SR 429))	Widen to 6 Lanes
Cypress Parkway (Doverplum Ave to Marigold Ave)	Widen to 6 Lanes
Dean Rd (SR 426 to the Orange County line)	Widen to 4 Lanes
Division Avenue (Gore St to Michigan St)	Widen to 4 Lanes
Donegan Avenue (John Young Parkway to Orange Blossom Trail)	Widen to 5 Lanes
Dowden Rd (4th St) (Orange Ave to Boggy Creek Rd)	Widen to 6 Lanes
Dowden Rd (Greenshire Wy to Pine Lily St)	Widen to 4 Lanes
Dowden Rd (Lake Nona N/S Road to Greenshire Wy)	New 4 Lane Roadway
Dowden Road (Narcoosee Rd. to Greenway)	New 4 Lane Roadway
Dowden Road (Narcoosee Rd. to Greenway)	Widen to 6 Lanes
Econlockhatchee Trail (City limits to Lee Vista Blvd.)	Widen to 4 Lanes
Econlockhatchee Trail (Curry Ford Road to SR 50)	Widen to 4 Lanes
Econlockhatchee Trail (Lee Vista Blvd. to Dowden Rd)	New 4 Lane Roadway
Econlockhatchee Trail (Orlando City Limits to Curry Ford Road)	Widen to 4 Lanes
Eden Drive - Jones Connection (Jones Rd (Narcoosee Rd) to Eden Dr)	New 2 Lane Roadway
Fairgreen Street (Maguire Blvd to Old Cheney Hwy)	New 2 Lane Roadway
Fenton Street (Apopka-Vineland Rd. to Palm Pkwy)	Realignment + New 4 Lane Roadway
Ficquette Rd-Hancock Rd (Lake Hancock rd to 600' W of Overstreet Rd)	Widen to 4 Lanes
Ft. Christmas Rd (Seminole Co Line to SR 50/Colonial Dr)	Widen to 4 Lanes
Fullers Cross Rd (Ocoee-Apopka Rd to Clarcona-Ocoee Rd)	Widen to 6 Lanes
Geneva St (Ocoee) (Bluford Ave to Bowness Rd)	Widen to 4 Lanes
Glenridge Way (Winter Park Rd to Lakemont Ave)	Widen to 4 Lanes
Good Homes Rd (Old Winter Garden Rd to SR 408)	Widen to 6 Lanes
Good Homes Rd (SR 408 to SR 50/Colonial Dr)	Widen to 6 Lanes
Grand National Drive Overpass (Oak Ridge Rd. to E. Half of Caravan Ct.)	New 4 Lane Roadway
Grand National Drive/Greenbrier Pkwy. (Sand Lake Rd. to International Dr.)	Widen to 4 Lanes
Ham Brown Road (US 17-92 to Cypress Shadows)	Widen to 4 Lanes
Hazeltine National Drive (1500' E of TPC Blvd. to Goldenrod Rd.)	New 4 Lane Roadway
Hazeltine National Drive (Goldenrod Rd to Narcoossee Rd.)	New 4 Lane Roadway
Hazeltine National Drive (Narcoossee Rd to Econlockhatchee Tral)	New 4 Lane Roadway
Hempel Ave (Gotha Rd to Old Winter Garden Rd)	Widen to 4 Lanes
Hempel Ave (Windy Ridge Rd to Gotha Rd)	Widen to 4 Lanes
Hiawassee Rd (Beggs Rd to Apopka Blvd))	Widen to 6 Lanes
Hiawassee Rd (Clarcona-Ocoee Rd to Beggs Dr)	Widen to 6 Lanes
Hoagland Blvd/Pleasant Hill Rd (US	Widen to 4 Lanes
Howell Branch Rd (Orange County Line to SR 436)	Widen to 6 Lanes
I-4 (at SR 46)	Intersection Improvement
I-4 (N of Central Pkwy to 1 mile N of SR 434)	Add HOV Lanes
I-4 (N of Kennedy Blvd. to Orange/Seminole Co. line	Add HOV Lanes
I-4 (Orange, Seminole Co. line to N of Central Pkwy.)	Add HOV Lanes
I-4 (S of SR 500/US 441 to S of Ivanhoe Blvd.)	Add HOV Lanes
I-4 (S of Ivanhoe Blvd. to N of Kennedy Blvd.)	Add HOV Lanes
I-4 (S of SR 435/Kirkman Rd. to S of SR 500/US 441)	Add HOV Lanes
I-4 (SR 528/Beachmine Expy. To S of SR 435/Kirkman	Add HOV Lanes
Ingram Rd (McCormick to Clarcona-Ocoee Rd)	Widen to 4 Lanes
International Dr (N Hawaiian Ct to Sand Lake Rd)	Widen to 6 Lanes
International Dr (S) (SR 417/Greenway to S. Westwood Blvd.)	Widen to 6 Lanes

**Table 22 – CFRPM 5.0 Alternative 1 Transportation Improvements – METROPLAN
 ORLANDO (continued)**

Roadway Project	Improvement
International Dr (S) Osceola Co Line to Sr 535/Vineland Rd)	Widen to 8 Lanes
International Dr. (S) (SR 535/Vineland Rd to SR 417/Greeway)	New 6 Lane Roadway
International Drive South (S. Westwood	Widen to 6 Lanes
J Lawson Blvd (Wyndham Lakes Blvd to Boggy Creek Rd)	New 4 Lane Roadway
John Young Parkway (Parnell to Orange County line)	New Interchange
Jones Ave (US 441/Orange Blossom Tr to Lake Co. Line)	Widen to 4 Lanes
Kelly Park Rd (Plymouth-Sorrento Rd to Rock Springs Rd)	Widen to 4 Lanes
Kelly Park Rd (Round Lake Rd to Plymouth-Sorrento Rd)	Widen to 4 Lanes
Lake Bryan Beach Blvd (SR 535/Vineland Rd to Westwood Blvd Ext)	New 4 Lane Roadway
Lake Destiny Dr (N of Lee Rd to S of Kennedy Blvd)	New 2 Lane Roadway
Lake Hancock Rd (Seidel Rd to Reams Rd)	Widen to 4 Lanes
Lake Mary Blvd (County Clud Rd to SR 46)	Widen to 6 Lanes
Lake Mary Blvd (Rinehart Rd to County Clud Rd	Widen to 6 Lanes
Lake Nona E/W Road #2 (Boggy Creek Rd to Lake Nona N/S Rd)	New 4 Lane Roadway
Lake Nona E/W Road (Boggy Creek Rd. to Narcoossee Rd.)	New 4 Lane Roadway
Lake Nona Eastern Road (Lake Nona N/S Road to Narcoossee Rd.)	New 4 Lane Roadway
Lake Nona N/S Road (Lake Nona Bv to Heintzelman Rd)	New 4 Lane Roadway
Lake Nona Southern Connector (Lake Nona E/W Road #2 to Boggy Creek Rd)	New 4 Lane Roadway
Lake Pickett Rd (Percival Rd to S Tanner Rd)	Widen to 4 Lanes
Lake Pickett Rd (SR 50/Colonial Dr. to Percival Rd)	Widen to 4 Lanes
Lake Underhill Road (Chickasaw Tr. To Dean Rd)	Widen to 4 Lanes
Lake Underhill Road (Dean Rd. to Rouse Rd.)	Widen to 4 Lanes
Lake Underhill Road (Goldenrod Rd. to Chickasaw Tr.)	Widen to 4 Lanes
Lakeville Rd (Beggs Rd to Apopka Blvd.)	Widen to 4 Lanes
Lakeville Rd (Clarcona-Ocoee Rd to Beggs Rd)	Widen to 4 Lanes
Landstar Blvd. (Osceola Co Line to SR 417/Greenway)	Widen to 6 Lanes
Landstar Blvd. (SR 417/Greenway to Wetherbee Rd)	Widen to 6 Lanes
Lee Vista Blvd (Semoran Blvd to Narcoossee Rd)	Widen to 6 Lanes
Lee Vista Boulevard (Conway Rd to 1900' W of Semoran Blvd.)	Widen to 4 Lanes
Lee Vista Boulevard (SR 417 to Young Pine Rd.)	New 4 Lane Roadway
Lockwood Blvd (CR 419 to CR 426)	Widen to 4 Lanes
Lucerne Terrace (Sylvia Ln to Miller St.)	Add 2 Additional Lanes
Magnolia Av (Anderson St to Orange Av)	New 2 Lane Roadway
Maguire Bv (Robinson St to Colonial Dr)	Widen to 6 Lanes
Maguire Rd (Gotha Rd to Roberson Rd)	Widen to 4 Lanes
Maguire Rd (Marshall Farms Rd to Story Rd)	Widen to 4 Lanes
Maguire Rd (SR 50/Colonial Dr to Marshall Farms Rd)	Widen to 4 Lanes
Maguire Rd/Main St (1350' S of Lake Butler Blvd to Gotha Rd)	Widen to 4 Lanes
Maitland Ave (US 17-92 to Seminole Co. Line)	Widen to 6 Lanes
Main St (Windermere) (6th Ave to 1350' S of Lake Butler Blvd)	Widen to 4 Lanes
Main St (Windermere) (Chase Rd to 6th Ave)	Widen to 4 Lanes
Marigold Avenue (East Bourne to Cypress Parkway)	Widen to 6 Lanes
Marsh Rd (Lake Co. ine to Avalon Rd)	Widen to 4 Lanes
Marshall Farms Rd (Beulah Rd to Windermere Rd)	Widen to 4 Lanes
Marshall Farms Rd (SR 50/Colonial Dr to Maguire Rd)	Widen to 4 Lanes
McCormick Rd (Ingram Rd to Apopka Vineland Rd)	Widen to 4 Lanes
McCormick Rd (Ocoee-Apopka Rd to Ingram Rd)	Widen to 4 Lanes
McCulloch Rd (Lockwood Blvd to Old Lockwood Rd)	Widen to 4 Lanes
McKinnon Rd (CR 332) (Lake Butler Rd to Windermere Rd)	Widen to 4 Lanes
Metrowest Blvd. (Kirkman Rd. to Mission Rd.)	New 2 Lane Roadway
Michigan Avenue (Carroll St. to Osceola Pkwy.)	Widen to 6 Lanes

**Table 22 – CFRPM 5.0 Alternative 1 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
Mission Road (Conray Rd to Metrowest Ext.)	New 4 Lane Roadway
Mission Road (Metrowest Blvd. to Old Winter Garden.)	New 2 Lane Roadway
Mission Road (Metrowest Blvd. to Old Winter Garden.)	Widen to 4 Lanes
Mitchell Hammock Rd (SR 434 to Lockwood Blvd)	Widen to 6 Lanes
Mitchell Hammock Road (SR 426 to SR 434)	Widen to 6 Lanes
Mitchell Hammock Road Extension (Lockwood Blvd to CR 419)	New 4 Lane Roadway
Moss Park Road (Lake Hart Rd to Lake Mary Jane Rd)	Widen to 4 Lanes
Moss Park Road Ext. (Moss Park Rd. to Innovation Place)	New 4 Lane Roadway
Mt. Plymouth Rd (Kelly Park Rd to Lake Co. Line)	Widen to 4 Lanes
Narcoossee Road (SR 417 to SR 528)	Widen to 6 Lanes
Narcoossee Road (US 192-441 to Orange County Line)	Widen to 6 Lanes
New Hampshire St (Texas Av to Stanhome Wy)	New 2 Lane Roadway
Oakland Ave (Lake Co Line to Tubb St)	Widen to 4 Lanes
Oakland Ave (Tubb St to Avalon Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (Binion Rd to Harmon Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (Fullers Cross Rd to West Rd)	Widen to 6 Lanes
Ocoee-Apopka Rd (Harmon Rd to Bradshaw Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (McCormick Rd to Binion Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (SR 438/Silver Star Rd to Fullers Cross Rd)	Widen to 6 Lanes
Ocoee-Apopka Rd (West Rd to McCormick Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd/Michael Gladden Blvd (Bradshaw Rd to Central Ave)	Widen to 4 Lanes
Old Boggy Creek Road (Denn John Rd to Boggy Creek Rd)	Widen to 4 Lanes
Old Dixie Highway (Osceola Pkwy. To Orange County Line)	Widen to 4 Lanes
Old Lake Wilson Road (Livingston Rd. to Sinclair Rd.)	Widen to 4 Lanes
Old Melbourne Hwy (US 192 to Bronco Dr)	Widen to 5 Lanes
Old Tampa Highway (US 17-92 to Poinciana Blvd)	Widen to 4 Lanes
Old US 441 (US 441/Orange Blossom Trail to Lake Co Line)	Widen to 4 Lanes
Old Vineland Rd (US 192 to Princess Hwy)	Widen to 4 Lanes
Old Winter Garden Rd (Apopka-Vineland Rd to Hiawasse Rd)	Widen to 6 Lanes
Old Winter Garden Rd (Blackwood Ave to Hemple Ave)	Widen to 6 Lanes
Old Winter Garden Rd (Citrus Oaks Ave to Good Homes Rd)	Widen to 6 Lanes
Old Winter Garden Rd (Good Homes Rd to Apopka-Vineland Rd)	Widen to 6 Lanes
Old Winter Garden Rd (Hemple Ave to Citrus Oaks Ave)	Widen to 6 Lanes
Old Winter Garden Rd (Professional Pkwy to Blackwood Ave)	Widen to 6 Lanes
Orangewood Blvd. (SR 528/Beachline to Central Florida Pkwy)	Widen to 6 Lanes
Orlando Ave (Ocoee) (Bluford Ave to Montgomery Ave)	Widen to 4 Lanes
Osceola Pkwy (Interstate 4 to SR 417/Greenway)	Widen to 8 Lanes
Osceola Pkwy (Orange Blossom Trail to Florida Turnpike)	Widen to 8 Lanes
Osceola Pkwy (Toll) (John Young Parkway to US 441/Orange Blossom Trail)	Widen to 8 Lanes
Osceola Pkwy (Toll) (SR 417/Greenway to SR 535/Wineland Rd)	Widen to 6 Lanes
Osceola Pkwy (Toll) (SR 535/Wineland Rd to John Young Parkway)	Widen to 6 Lanes
Osceola Pkwy Extension (0.25 miles E of Tidewater Rd to SR 417 Ext)	New 4-Lane Limited Access
Osceola Pkwy. (John Young Parkway to Orange Blossom Trail)	Widen to 6 Lanes
Osceola Pkwy/Florida Turnpike	New Interchange
Palm Pkwy/Turkey Lake Rd (Winter Garden-Vineland Rd to Central Florida Pkwy)	Widen to 6 Lanes
Patch Rd (Bent Pine Dr to Hoffner Rd)	Widen to 4 Lanes
Pershing Ave (Bumby Ave to Conway Gardens Rd)	Widen to 4 Lanes
Piedmont-Wekiwa Springs Rd (Apopka Blvd to US 441/Orange Blossom Trl)	Widen to 6 Lanes
Piedmont-Wekiwa Springs Rd (US 441/Orange Blossom Tr to Semoran Blvd)	Widen to 6 Lanes
Pine Hills Rd (Clarcona-Ocoee Rd to Beggs Rd.)	Widen to 6 Lanes
Pine Hills Road (S. Overland Rd to Beggs Rd.)	Realignment

**Table 22 – CFRPM 5.0 Alternative 1 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
Pine Hills Road Ext. (Apopka Blvd. to US 441)	New 4 Lane Roadway
Pine Hills Road Ext. (Beggs Rd. to Apopka Blvd.)	New 4 Lane Roadway
Pine Street (Hughey Ave to Garland Ave)	New 2 Lane Roadway
Pleasant Hill Rd/Hoagland (US 17-92 to Pershing St.)	Widen to 4 Lanes
Plymouth Sorrento Rd (CR 437) (Kelly Park Rd to Ponkan Rd)	Widen to 4 Lanes
Plymouth Sorrento Rd (CR 437) (Lake Co Line to Kelly Park Rd)	Widen to 4 Lanes
Plymouth Sorrento Rd (CR 437) (Ponkan Rd to US 441/Orange Blossom Trl)	Widen to 4 Lanes
Poinciana Blvd (Crescent Lakes Way to Pleasant Hill Rd)	Widen to 4 Lanes
Poinciana Blvd (US 192 at SR 535)	Add Auxiliary Lanes
Poinciana Blvd (US 192 to one mile north of Old Tampa Hwy)	Widen to 6 Lanes
Poinciana Blvd Extension (Osceola Co. Line to International Dr)	New 6 Lane Roadway
Polynesian Isle Blvd. (US 192 to SR 535)	Widen to 4 Lanes
Ponkan Rd (Plymouth Sorrento Rd to Rock Springs Rd)	Widen to 4 Lanes
Ponkan Rd (US 441/Orange Blossom Trail to Plymouth Sorrento Rd)	Widen to 4 Lanes
Professional Pkwy (Maguire Rd to Old Winter Garden Rd)	Widen to 6 Lanes
Raleigh St (Kirkman Rd to Ivey Ln)	Widen to 3 Lanes
Reams Rd (Lake Hancock Rd to Center Dr)	Widen to 6 Lanes
Reams Rd (Center Dr. to Winter Garden-Vineland Rd)	Widen to 6 Lanes
Reams Road (2500' south of CR 535 to CR 535)	Realignment + Widen to 4 Lanes
Rinehart Rd (CR 46A to SR 46)	Widen to 6 Lanes
Rinehart Rd (Lake Mary Blvd to Timacuan Blvd)	Widen to 6 Lanes
Roberson Rd (Windermere Rd to Maguire Rd)	Widen to 4 Lanes
Rock Springs Rd (Ponkan Rd to Kelly Park Rd)	Widen to 6 Lanes
Rock Springs Road (Welsch Rd to Ponkan Rd)	Widen to 6 Lanes
Rock Springs Road/Park Ave (Apopka) (Votaw Rd to Welch Rd.)	Widen to 6 Lanes
Rock Springs Road/Park Ave (US 441/Orange Blossom Trail to Votaw Rd)	Widen to 6 Lanes
Rose Ave (Clarcona-Ocoee Rd to US 441/Orange Blossom Trail)	Widen to 4 Lanes
Round Lake Rd (Kelly Park Rd to Lake Co Line)	Widen to 4 Lanes
Round Lake Rd (Ponkan Rd to Kelly Park Rd)	Widen to 4 Lanes
Sadler Ave (US 441/Orange Blossom Tr to Round Lake Rd)	Widen to 4 Lanes
Sand Lake Rd (SR 434 to West Lake Brantley Rd)	Widen to 4 Lanes
Sand Lake Rd. @ John Young Pkwy, SR 482/Sand Lake Rd. to Presidents Dr.	Add 2 Additional Lanes
Sandler Ave (Lake Co. Line to US/441 Orange Blossom Trail)	Widen to 4 Lanes
Seidel Rd (Avalon Rd to Lake Hancock Rd)	Widen to 4 Lanes
Seminole Blvd (US 17/92 to Lake Drive)	Widen to 6 Lanes
Shadowridge Road (Forbes Place to Lee Vista Blvd.)	New 4 Lane Roadway
Shadowridge Road (Lee Vista Blvd. to Hoffner Ave)	New 4 Lane Roadway
Shady Lane (US 192 to Partin Settlement Rd.)	Widen to 4 Lanes
Simpson Road (Florida Turnpike to Fortune Rd)	Widen to 4 Lanes + New Overpass
Southport Rd (Pleasant Hill Rd to Southport Bay Dr)	Widen to 4 Lanes
SR 15 (Narcoossee Rd) (SR 528/Beachline to Lee Vista Blvd)	Widen to 6 Lanes
SR 15/600/US 17/92 (Int at SR 436)	Add 2 Additional Lanes
SR 15/600/US 17/92 (Shephard Rd. to Lake Mary Blvd.)	Add 2 Additional Lanes
SR 15/Narcossee Rd/Hoffner Ave. (Lee Vista to Conway Rd.)	Add 2 Additional Lanes
SR 415 (CR 415 to Volusia County line)	Widen to 4 Lanes
SR 415 (SR 46 to CR 415)	Widen to 4 Lanes
SR 419 (Edgemon Ave to US 17-92)	Widen to 4 Lanes
SR 419 (SR 434 to Edgemon Ave)	Widen to 4 Lanes
SR 423/John Young Pkwy. (Shader Rd. to Edgewater Dr.)	Add 2 Additional Lanes
SR 426 (Orange Co line/Old Howell Branch Rd to Tuskawilla Rd)	Widen to 6 Lanes
SR 426 (Pine Ave to SR 434)	Widen to 4 Lanes

**Table 22– CFRPM 5.0 Alternative 1 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
SR 426 (SR 434 to CR 426)	Widen to 4 Lanes
SR 426 (Tuskawilla Rd to SR 417/Greenway)	Widen to 6 Lanes
SR 434 (DeLeon St to SR 426)	Widen to 4 Lanes
SR 434 (Edgemon Ave to US 17-92)	Widen to 6 Lanes
SR 434 (Montgomery Rd. to CR 427)	Add 2 Additional Lanes
SR 434 (Sand Lake Rd to Calabria Dr)	Widen to 6 Lanes
SR 434 (SR 417 to DeLeon St)	Widen to 4 Lanes
SR 434 (SR 419 to Edgemon Ave)	Widen to 6 Lanes
SR 434 (SR 426 to Mitchell Hammock Rd)	Widen to 4 Lanes
SR 434 (Trailwood Dr to Maitland Blvd/Orange Co Line)	Widen to 6 Lanes
SR 434 (US 17-92 to CR 427/Ronald Reagan Pkwy)	Widen to 6 Lanes
SR 434 (Wekiva Springs Rd/Montgomery Rd to Sand Lake Rd)	Widen to 6 Lanes
SR 434/Forest City Rd., SR 423/John Young Pkwy	Add 2 Additional Lanes
SR 436 (Howell Branch Rd to Orange Co. Line)	Widen to 8 Lanes
SR 436 (Int @ red Bug Lake Rd.)*	Intersection Improvement
SR 436 (Lake Howell Ln to Howell Branch Rd)	Widen to 8 Lanes
SR 436 (Lake Howell Rd to Lake Howell Lane)	Widen to 8 Lanes
SR 436 (Orange Co line to Lake Harriet Dr)	Widen to 8 Lanes
SR 436 (Palm Springs Dr to US 17-92)	Widen to 8 Lanes
SR 436 (US 17-92 to Wilson Dr)	Widen to 8 Lanes
SR 438/Silver Star Rd. (Dillard St. to SR 429/Western Expy.)	Add 2 Additional Lanes
SR 46 (Mellonville Avenue to SR 415)	Add 2 Additional Lanes
SR 46 (Orange Ave/Wekiwa Pkwy to Orange Blvd)	Widen to 4 Lanes
SR 46 (SR 415 to SR 426)	Widen to 4 Lanes
SR 46 (SR 426 to Volusia County Line)	Widen to 4 Lanes
SR 50 (Colonial Dr) (Florida's Turnpike to Avalon Rd)	Widen to 8 Lanes
SR 50 (Colonial Dr) (Lake Co. Line to Florida's Turnpike)	Widen to 8 Lanes
SR 50 (SR 429/Western Expy. To Good Homes Rd)	Add 2 Additional Lanes
SR 500/600/US 17/92 (Poinciana Blvd. to CR 535)	Add 2 Additional Lanes
SR 500/US 192 (Aeronautical Blvd. to Buddinger, Eastern Ave to CR 532))	Add 2 Additional Lanes
Story Rd (9th St to Carter Rd)	Widen to 4 Lanes
Story Rd (Carter Rd to Bowness Rd/Kissimmee Ave)	Widen to 4 Lanes
Story Rd (Plant St to 9th St)	Widen to 4 Lanes
Taft Vineland Rd. Ext. (General Blvd to Orange Ave)	Widen to 6 Lanes
Taft Vineland Rd. Ext. (Central FL Pkwy. To John Young Pkwy)	New 4 Lane Roadway
Taft-Vineland Rd (US 441/Orange Blossom Trail to General Blvd)	Widen to 6 Lanes
Terry Avenue (Gore St. to Anderson St.)	New 2 Lane Roadway
Terry Avenue (Robinson St. to SR 50 (Colonial Dr.))	New 2 Lane Roadway
Texas Av (Princeton St to WD Judge Rd)	New 2 Lane Roadway
Thompson Rd (Semoran Blvd to Votaw Rd)	Widen to 4 Lanes
Thompson Rd (Votaw Rd to Welch Rd)	Widen to 4 Lanes
Tilden Rd (Avalon Rd to Winter Garden-Vinelane Rd)	Widen to 4 Lanes
Tradeport Dr (Boggy Creek Rd to Centerport St)	Widen to 6 Lanes
Tradeport Dr (Centerport St to Secure Rd)	Widen to 6 Lanes
Tradeport Dr (Secure Rd to Jetport Dr)	Widen to 6 Lanes
Turkey Lake Rd (Central FL Pkwy to Sand Lake Commons Blvd)	Widen to 6 Lanes
Turkey Lake Rd (Sand Lake Commons Blvd to Sand Lake Rd)	Widen to 6 Lanes
Tuskawilla Rd (Eagle Blvd to lake Dr)	Widen to 6 Lanes
Tuskawilla Rd (Red Bug Lake Rd to Eagle Blvd)	Widen to 6 Lanes
Tuskawilla Rd (SR 426 to Dike Rd)	Widen to 6 Lanes
Univeral Blvd (Sand Lake Rd to Pointe Plaza Ave)	Widen to 6 Lanes

**Table 22 – CFRPM 5.0 Alternative 1 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
US 17/92 (Polk/Osceola Co. Line to Poinciana Blvd.)	Add 2 Additional Lanes
US 17-92 (Lake Mary Blvd to SR 417 (Greenway))	Widen to 6 Lanes
US 192 (Lake Co. line to Secret Lake Dr)	Widen to 6 Lanes
Vista Lakes Loop (Econlockhatchee Tr to Hazeltine Dr)	New 2 Lane Roadway
Vista Lakes Loop (Lee Vista Bv to Econlockhatchee Tr)	New 4 Lane Roadway
Wallace Rd (Apopka-Vineland Rd to Dr. Phillips Blvd)	Widen to 4 Lanes
Wallace Rd (Dr. Phillips Blvd to Turkey Lake Rd)	Widen to 4 Lanes
Warrior Rd (Windermere Rd W to Windermere Rd E)	Widen to 4 Lanes
WD Judge Rd (John Young Py to Texas Av)	New 2 Lane Roadway
Wekiwa Springs Rd (Orchard Dr to Seminole Co. Line)	Widen to 4 Lanes
Welch Rd (Rock Springs Rd to Thompson Rd)	Widen to 4 Lanes
Welch Rd (Thompson Rd to Wekiwa Springs Rd)	Widen to 4 Lanes
Western Way Extension (SR 429/Beltway to Avalon Rd)	New 4 Lane Roadway
Westwood Blvd Extension (Weildwood Ave to International Dr)	New 4 Lane Roadway
Wetherbee Rd (Landstar Blvd to Boggy Creek Rd)	Widen to 6 Lanes
Wetherbee Rd (US 441/Orange Blossom Tr to Orange Ave)	Widen to 6 Lanes
Wildwood Ave (Westwood Blvd Ext to International Dr)	New 4 Lane Roadway
Wildwood Avenue (International Dr. to Palm Pkwy.)	New 4 Lane Roadway + Bridge
Windermere Rd (Marshall Farms Rd to Warrior Rd)	Widen to 4 Lanes
Windermere Rd (Roberson Rd to Maguire Rd)	Widen to 4 Lanes
Windy Ridge Rd (Hempel Ave to Apopka-Vineland Rd)	Widen to 4 Lanes
Winter Garden-Vineland Road (Ficquette Rd. to Southern Way)	Widen to 4 Lanes
Winter Garden-Vineland Road (Magnolia Pk. To south of SR 429)	Widen to 4 Lanes
Winter Park Dr (Seminola Blvd to SR 434)	Widen to 4 Lanes
Woodcrest Blvd (Michigan Ave to Orchid Lane)	Widen to 4 Lanes
Wurst Rd (Adair St.to A.D. Mims Rd)	Widen to 4 Lanes
Wurst Rd (Lakewood Ave to Adair St.)	Widen to 4 Lanes
Wymore Rd (Kennedy Blvd to Maitland Blvd.)	Widen to 4 Lanes
Wymore Rd (Lee Rd to Kennedy Blvd)	Widen to 4 Lanes
Wymore Rd (Maitland Blvd to Seminole Co. Line)	Widen to 4 Lanes
Wyndham Lakes Blvd Ext (Mountleigh Ct to J Lawson Blvd)	New 4 Lane Roadway
Young Pine Road (Lamberton Rd to Lee Vista Blvd.)	Widen to 4 Lanes

Figure 11 – CFRPM 5.0 Alternative 1 Transportation Improvements – Flagler County

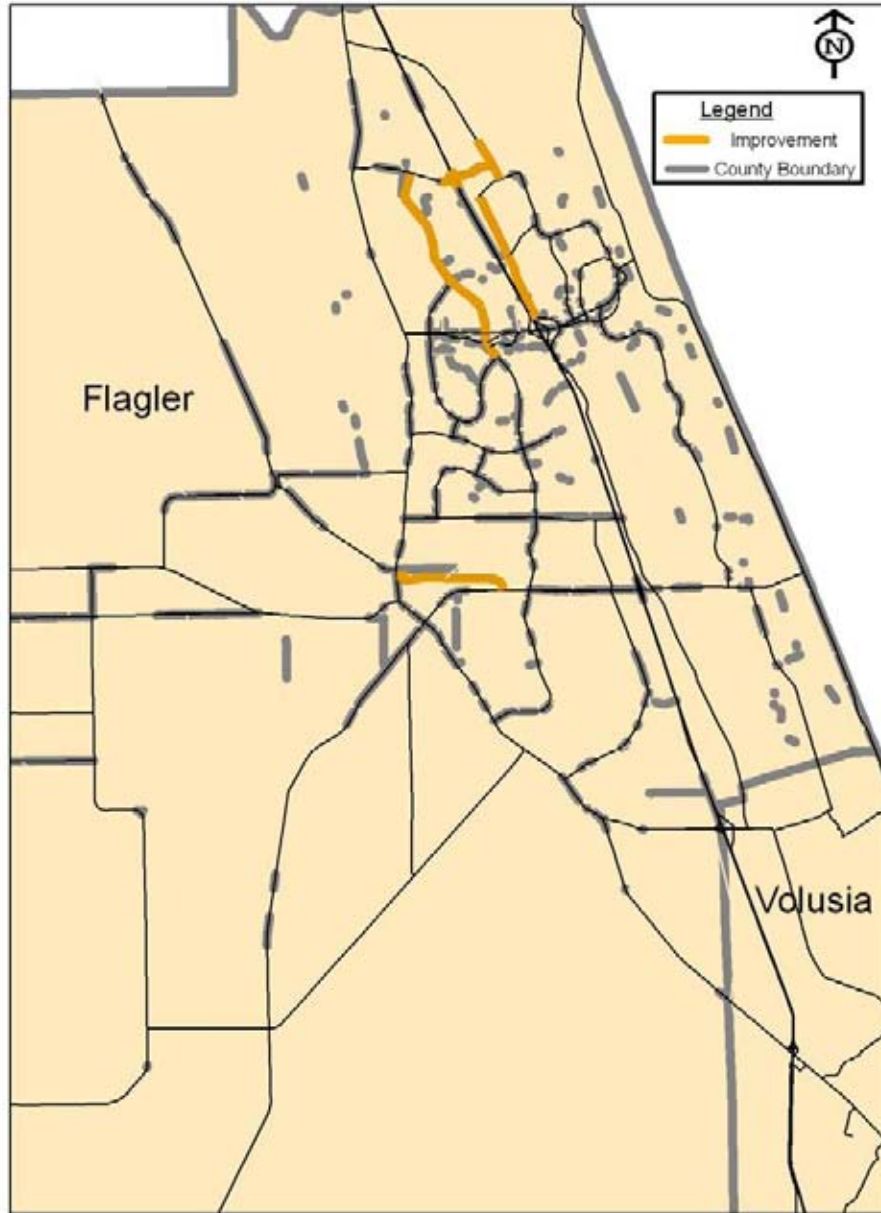


Figure 12 – CFRPM 5.0 Alternative 1 Transportation Improvements – Lake-Sumter MPO

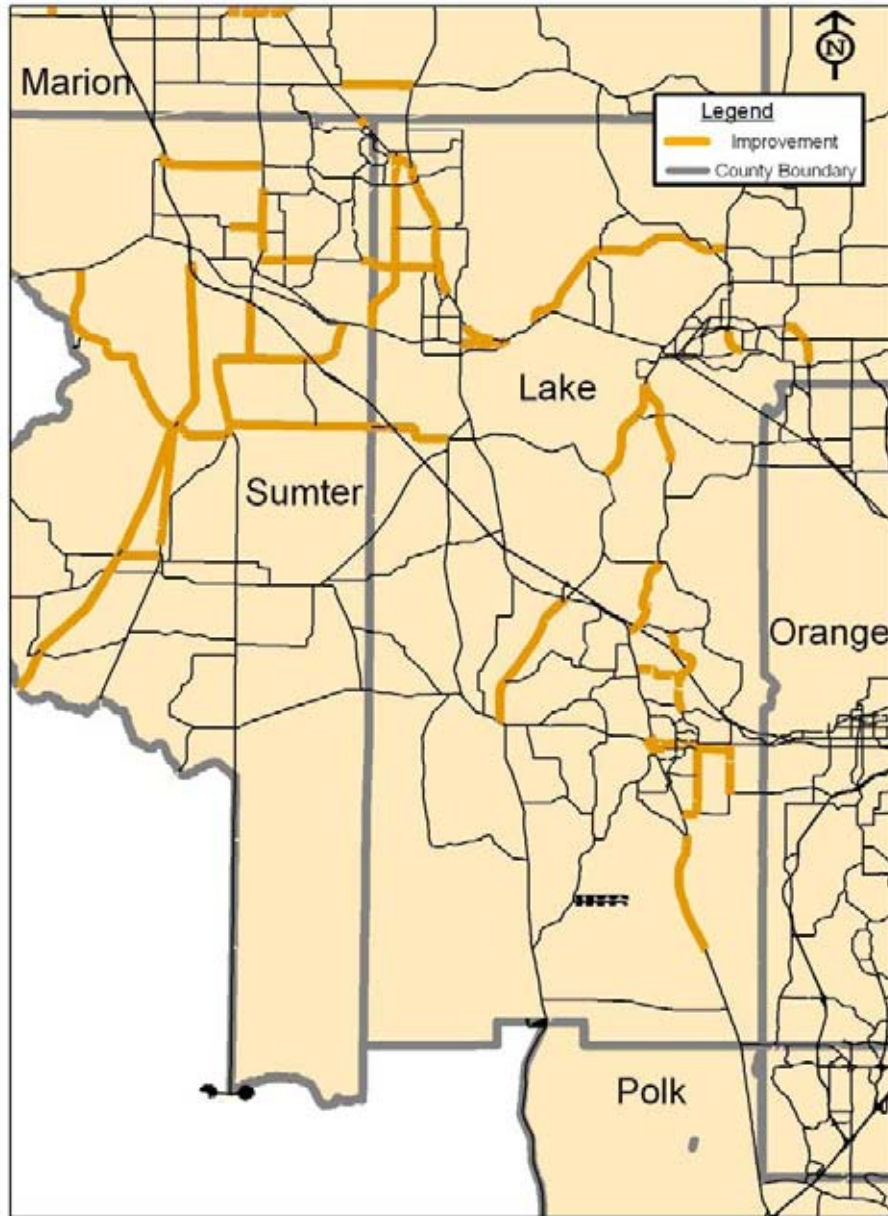


Figure 13 – CFRPM 5.0 Alternative 1 Transportation Improvements – Ocala-Marion TPO

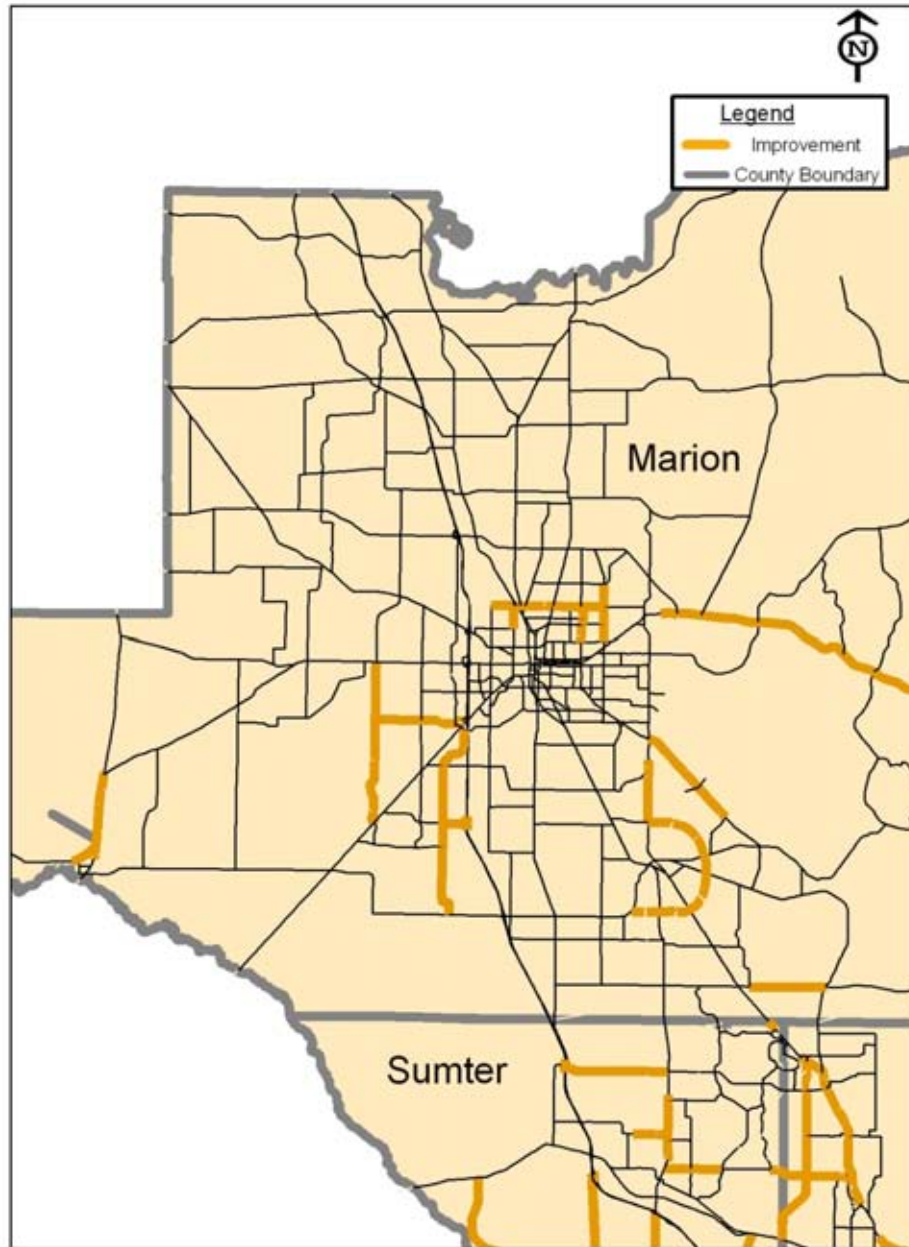


Figure 14 – CFRPM 5.0 Alternative 1 Transportation Improvements – Space Coast TPO

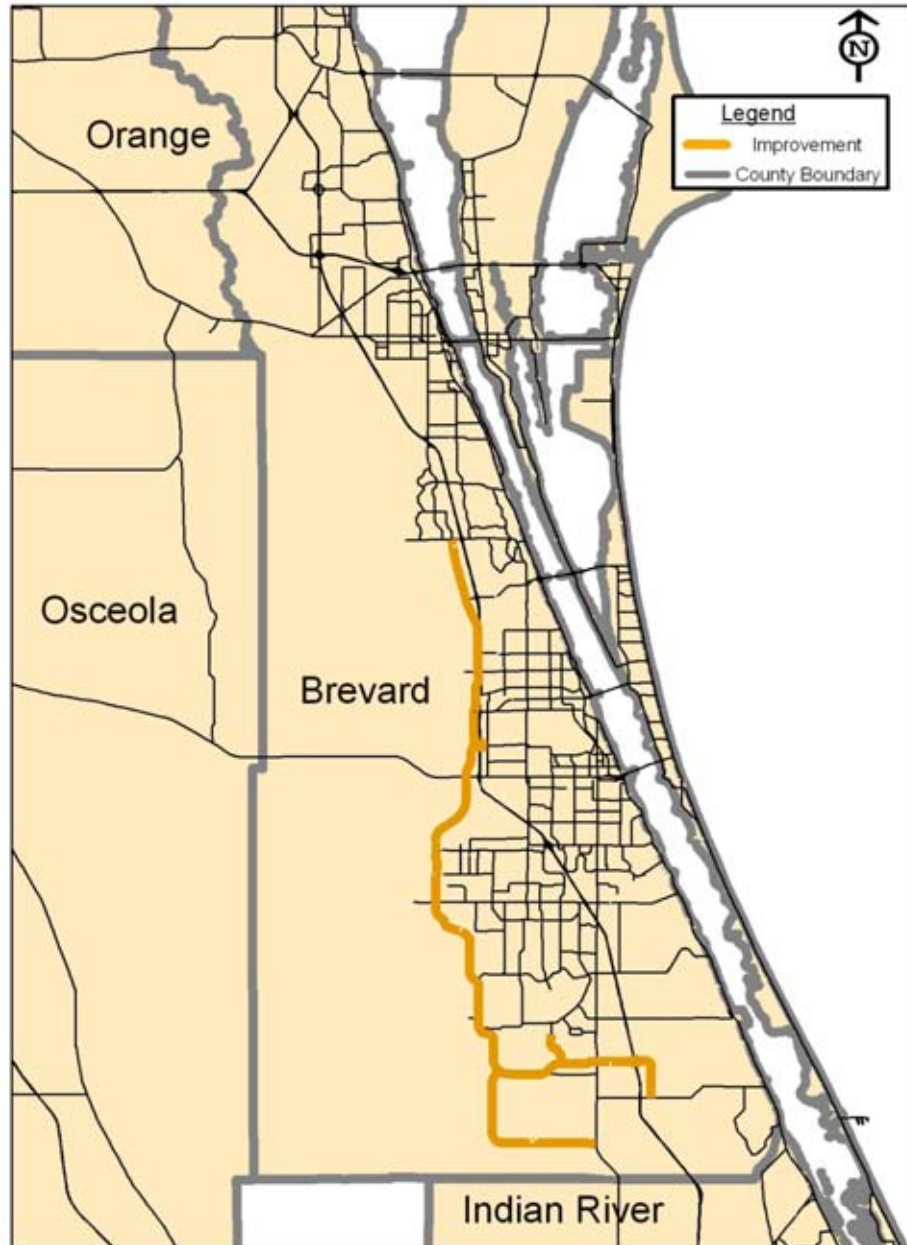
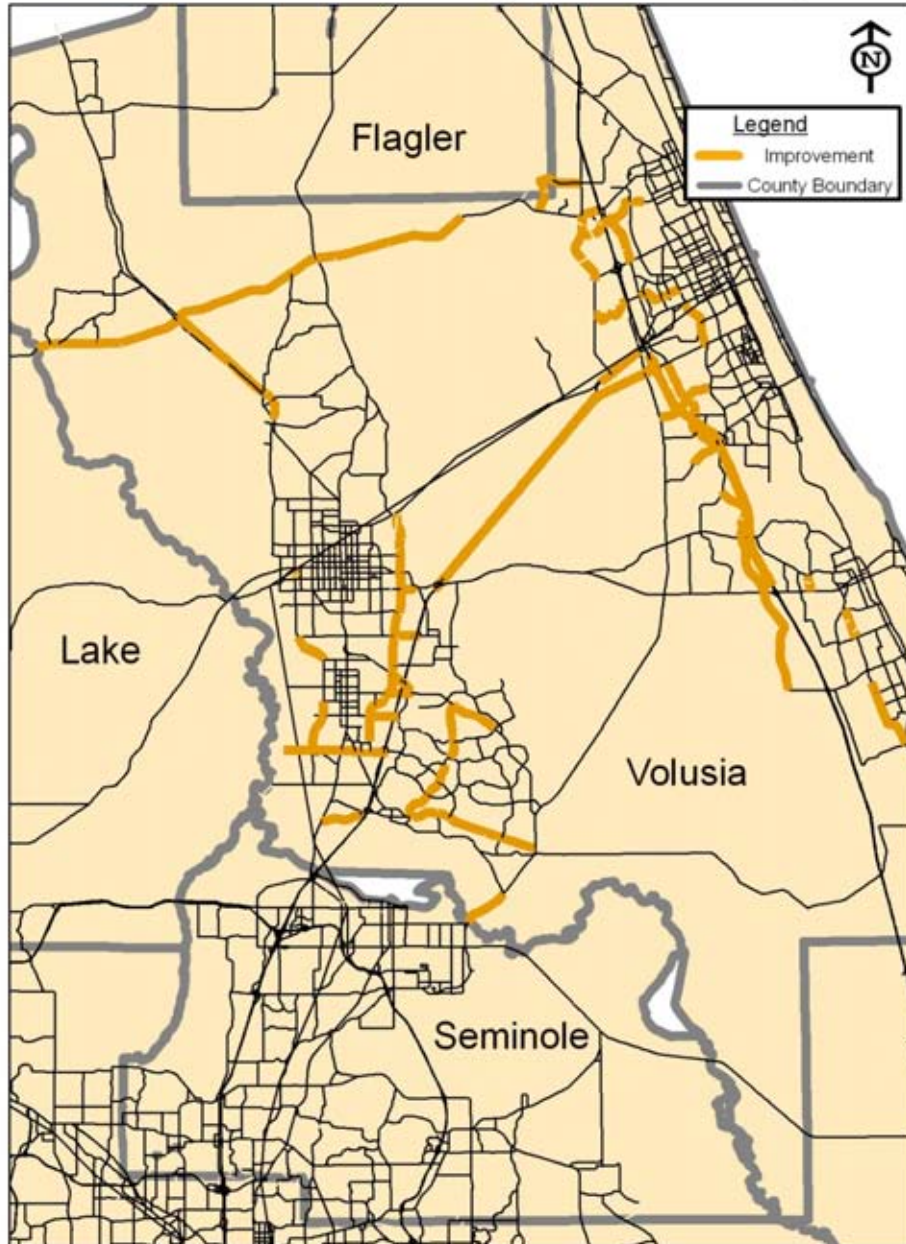
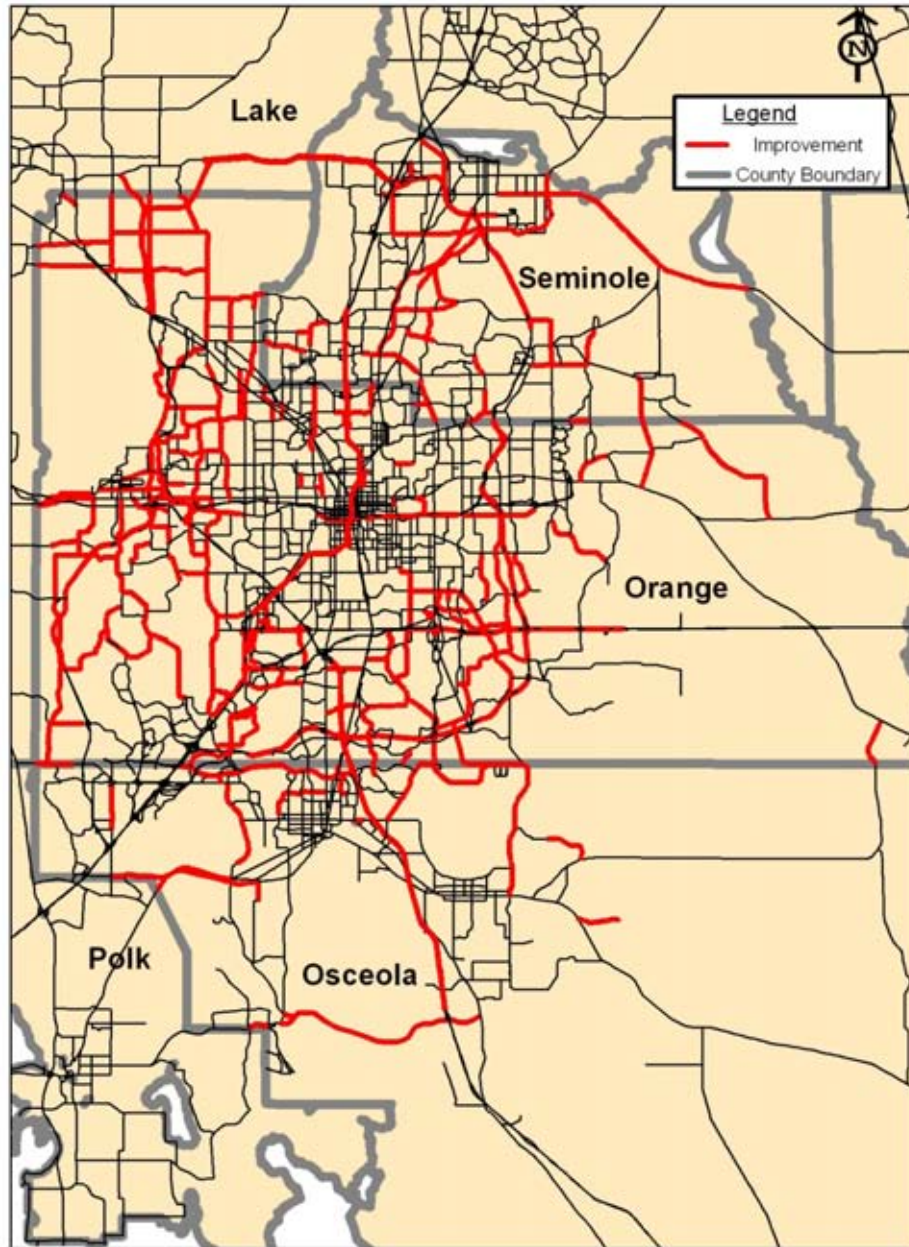


Figure 15 – CFRPM 5.0 Alternative 1 Transportation Improvements – Volusia TPO



**Figure 16 – CFRPM 5.0 Alternative 1 Transportation Improvements – METROPLAN
ORLANDO**



3.3 Performance Measures

Following the development of the E+C network and the identification of network performance issues, each MPO revisited project lists to identify projects for consideration within the Cost Feasible Network. The first network developed was the Alternative 1 Network, which incorporated many of the priority transportation projects for each MPO. The performance of this network compared to the E+C performance is presented in Tables 23 for the districtwide model area.

Based on the results provided in Table 23, even though Alternative 1 adds 13.3% (2,641) more lane miles than the E+C network, the vehicle miles traveled decrease by 1.1%. In addition, the total delay due to congestion shows a significant decrease of 45.5% as compared to the E+C Alternative. Alternative 1 shows a positive overall effect to the entire region as compared to the E+C Alternative.

The additional ridership on the region's transit system is shown in Table 24. In this table, the ridership on the expanded Alternative 1 transit system is compared to the E+C ridership. The impact of the new Commuter Rail service is apparent in the increase in ridership on the LYNX and Votran systems.

Following the presentation of the tables, Figure 17 provides a graphical representation of the volume to capacity developed within the Alternative 1 network for all MPOs. The volume to capacity graphic depicts that although delay has decreased, many of the roadways are still expected to operate at or below capacity.

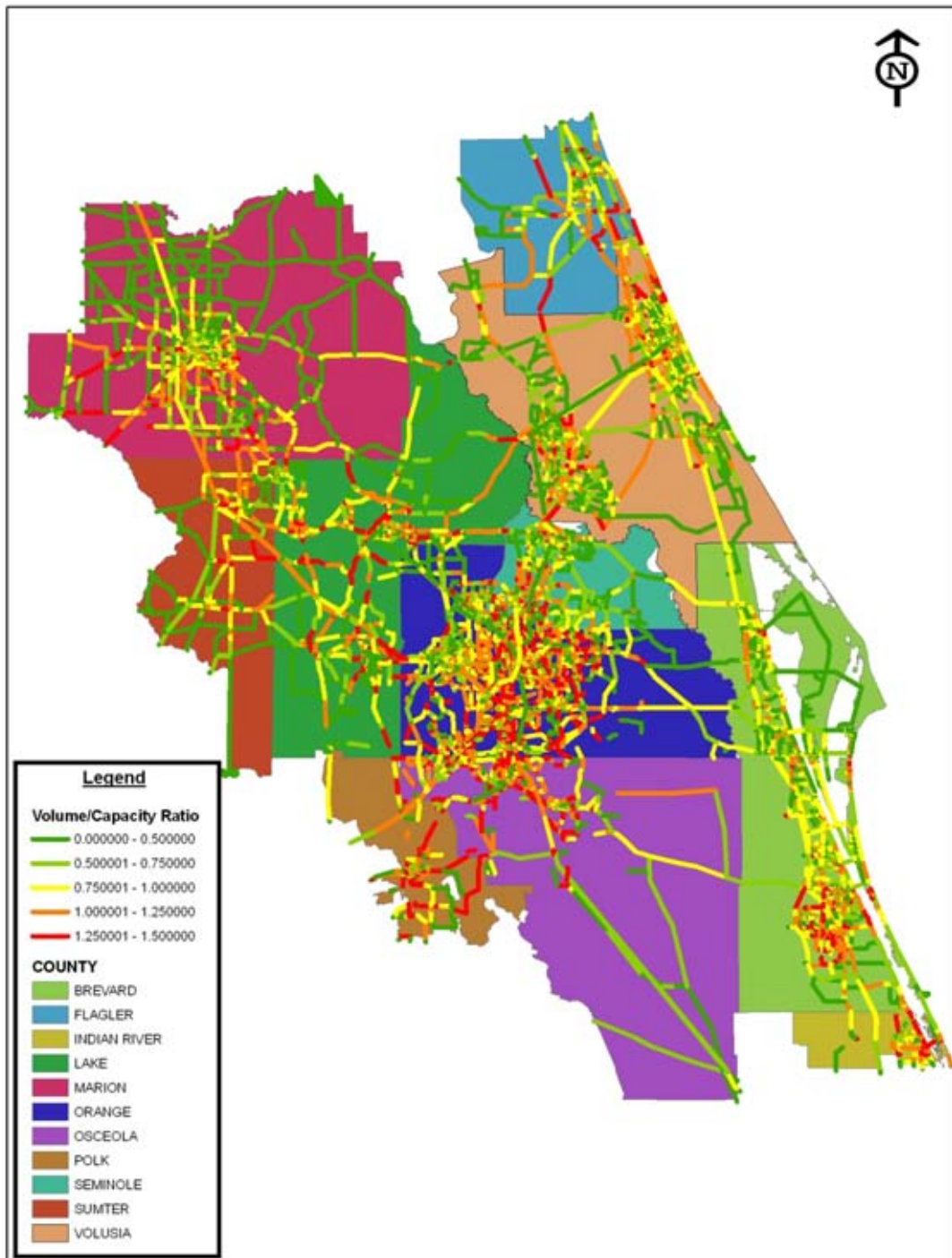
Table 23 – CFRPM 5.0 Alternative 1 Performance Measures

Performance Measures	2013 E+C	2035 Alt 1	%Change
Total Number of Links	17,233	17,897	3.85%
Total System Miles	7,604.87	7,996.84	5.15%
Total Lane Miles	19,842.09	22,482.90	13.31%
Total Directional Miles	13,591.08	14,252.21	4.86%
Total VMT Using Volumes	197,970,927	195,864,375	-1.06%
Total VMT Using Capacity	208,578,811	240,601,473	15.35%
Total VMT V/C	0.95	0.81	-14.74%
Total VHT Using Volumes	10,816,103	7,725,152	-28.58%
Total VHT Using Capacity	8,475,985	7,487,264	-11.66%
Total VHT V/C	1.28	1.03	-19.53%
Total Volumes All Links	430,062,444	425,188,172	-1.13%
Average Total Time	24,956	23,758.00	-4.80%
Total VMT All Links	197,970,927	195,864,375	-1.06%
Total VHT All Links	10,816,103	7,725,152	-28.58%
Total Original Speed (MPH)	38.91	39.04	0.33%
Total Congested Speed (MPH)	28.37	31.48	10.96%
Total Accidents	1,828.07	1,742.27	-4.69%
Total injuries	309.87	298.53	-3.66%
Total Fatalities	4.59	4.47	-2.61%
Total CO Emissions (Kilograms)	2,533,062	2,268,545	-10.44%
Total HC Emissions (Kilograms)	302,216	277,928	-8.04%
Total NO Emissions (Kilograms)	264,657	271,605	2.63%
Total Fuel Use	16,866,855	16,862,105	-0.03%
Total Accident Cost (Dollars)	721,959	696,298	-3.55%
Total Users Cost (Dollars)	26,021,441	26,246,117	0.86%
Total Maintenance Cost (Dollars)	94,524,169,051	96,399,011,339	1.98%
Total Delay Due to Congestion (Vehicle-Hours)	6,637,020	3,620,585	-45.45%

Table 24 – CFRPM 5.0 Alternative 1 Transit Ridership

CFRPMv5.0 Transit Operator	Description	Transit Ridership 2035 E+C	Transit Ridership 2035 Alternative 1	% Change
1	LYNX	115,369	118,230	2%
11	VOTRAN	9,096	12,823	29%
21	Space Coast Service	5,724	5,828	2%
31	SunTran Service	1,475	1,465	-1%
41	Lake County Transit Service	-	-	-

Figure 17 – CFRPM 5.0 Alternative 1 Volume to Capacity Plot



4.0 Alternative 2

Based on the results of the Alternative 1 model run, a second alternative network was developed. Using the performance results for the Alternative 1 projects, the MPOs revised the project lists and developed new combinations of projects to be analyzed as the Alternative 2 network. In this alternative, different improvement combinations were used by the MPOs as compared to Alternative 1. Alternative 2 is also considered a ‘needs’ alternative and like Alternative 1 it is meant to consist of likely projects that could feasibly be implemented in the future. These projects are necessary to accommodate the anticipated socioeconomic growth and the network deficiencies identified in the E+C alternative, but will not be sufficient to entirely eliminate congestion on the region’s transportation system.

A comparison of the 2035 land use that was used as an input for this alternative and the 2005 base year land use is described in Section 4.1. The Alternative 2 projects are identified in Section 4.2 and the performance measures for the alternative are shown in Section 4.3.

4.1 Land Use Comparison

The preferred 2035 land use dataset was utilized in the Alternative 2. The 2035 CFRPM 5.0 socioeconomic dataset used in this alternative is compared to the 2005 base year dataset below in Tables 25 and 26. Table 25 shows a comparison of the residential land use by county for 2005 and 2035. Table 26 shows a similar comparison of the employment land use by county for the same years.



Table 25 – CFRPM 5.0 Residential Land Use Comparison

County	Single Family Dwelling Units			Single Family Population			Multi-Family Dwelling Units			Multi-Family Population			Hotel Rooms		
	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change
Seminole	113,173	128,598	13.6%	318,878	352,204	10.5%	59,577	80,226	34.7%	103,752	145,911	40.6%	5,098	8,098	58.8%
Orange	275,657	427,395	55.0%	729,891	1,135,230	55.5%	164,323	367,039	123.4%	322,588	751,275	132.9%	98,083	164,318	67.5%
Osceola	80,798	164,217	103.2%	201,857	463,200	129.5%	22,315	105,398	372.3%	41,644	260,057	524.5%	35,222	62,975	78.8%
Lake	113,473	198,231	74.7%	238,897	417,720	74.9%	15,055	52,907	251.4%	24,745	86,860	251.0%	3,610	5,337	47.8%
Volusia	175,001	228,344	30.5%	395,039	542,441	37.3%	59,910	94,774	58.2%	99,592	150,322	50.9%	21,368	24,597	15.1%
Brevard	191,599	275,445	43.8%	440,543	634,839	44.1%	55,710	82,539	48.2%	86,377	137,152	58.8%	9,093	13,548	49.0%
Marion	124,728	210,671	68.9%	272,294	461,511	69.5%	18,608	28,171	51.4%	33,367	51,905	55.6%	6,447	9,212	42.9%
Sumter	28,513	89,367	213.4%	64,727	211,683	227.0%	752	8,793	1069.3%	1,720	20,253	1077.5%	612	1,876	206.5%
Flagler	34,628	93,691	170.6%	72,332	188,722	160.9%	4,869	17,796	265.5%	9,737	32,523	234.0%	681	998	46.6%
Polk	22,278	48,268	116.7%	49,134	114,127	132.3%	20,806	38,143	83.3%	31,024	60,858	96.2%	1,455	3,125	114.8%

Table 26 – CFRPM 5.0 Employment Land Use Comparison

County	Industrial Employment			Commercial Employment			Service Employment			Total Employment		
	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change
Seminole	34,917	81,055	132.1%	56,760	103,823	82.9%	122,811	193,720	57.7%	214,488	378,598	76.5%
Orange	94,210	131,045	39.1%	168,417	322,337	91.4%	544,730	1,053,412	93.4%	807,357	1,506,794	86.6%
Osceola	9,604	13,012	35.5%	22,118	39,837	80.1%	45,697	92,086	101.5%	77,419	144,935	87.2%
Lake	19,808	38,776	95.8%	24,283	48,528	99.8%	57,493	108,500	88.7%	101,591	195,804	92.7%
Volusia	30,772	43,338	40.8%	47,268	66,288	40.2%	118,746	156,443	31.7%	196,754	266,069	35.2%
Brevard	60,761	75,579	24.4%	54,209	86,736	60.0%	162,616	223,590	37.5%	277,596	385,905	39.0%
Marion	27,552	35,505	28.9%	28,444	45,379	59.5%	63,143	117,885	86.7%	119,137	198,769	66.8%
Sumter	3,504	16,925	383.0%	3,256	26,640	718.2%	8,523	44,616	423.5%	15,281	88,181	477.1%
Flagler	3,398	9,225	171.5%	6,528	18,017	176.0%	12,369	33,584	171.5%	22,297	60,826	172.8%
Polk	4,694	8,077	72.1%	5,536	12,766	130.6%	11,936	20,343	70.4%	22,166	41,186	85.8%

4.2 Alternative 2 Network

The network for the Alternative 2 model includes those projects that were identified as E+C projects as well as projects identified by the MPOs to include in Alternative 2.

The Alternative 2 model assumes the 2035 land use discussed in Section 4.1. Since this alternative assumes 25 years of land use growth and includes those transportation improvements that are currently on the ground or committed to be funded, it highlights additional transportation deficiencies for each MPO area.

Documented in Tables 27 through 32 are the lists of highway and transit projects provided by the MPOs for use in the development of the Alternative 1 model. The project lists for METROPLAN ORLANDO, Flagler County and Sumter County remain the same as those used in Alternative 1. The tables are presented by MPO and are followed with a graphical representation (Figures 18 through 23) of each project.

The Alternative 2 transit system improvements for LYNX, SpaceCoast, SunTran and Votran are the same as those in Alternative 1.

Table 27 – CFRPM 5.0 Alternative 2 Transportation Improvements – Flagler County

Roadway Project	From	To	Improvement
Belle Terre Pkwy	Palm Coast Pkwy	Pine Lakes Pkwy	Widen to 6 Lanes
Belle Terre Pkwy	Palm Coast Pkwy	Matanzas Woods Pkwy	Widen to 4 Lanes
Flagler Central Commerce Pkwy	SR 100	US 1	New 2 Lane Roadway
Grand Reserve Blvd/Travis Walker Trail	SR 100	US 1	New 2 Lane Roadway
Matanzas Woods Pkwy	I-95		New Interchange
Old Kings Rd	Farragut	Forest Grove	Widen to 4 Lanes
Old Kings Rd	Palm Coast Pkwy	SR 100	Widen to 4 Lanes

Table 28– CFRPM 5.0 Alternative 2 Transportation Improvements – Lake-Sumter MPO

Roadway Project	From	To	Improvement
C-466	C-475	SR 35 (US 301)	Widen to 4 Lanes
C-468	SR 35 (US 301)	SR 91/Florida's Turnpike	Widen to 4 Lanes
C-468	SR 91/Florida's Turnpike	SR 44	Widen to 4 Lanes
C-470	SR 93 (I-75)	Lake County	Widen to 4 Lanes
C-475	SR 48	C-470	Widen to 4 Lanes
Citrus Grove Blvd	US 27	N Hancock Rd/Florida's Turnpike	Widen to 4 Lanes
CR 139 Extension	SR 44	CR 44A	New 4 Lane Road
CR 19A	SR 500 (US 441)	CR 44C (Eudora Rd)	Widen to 4 Lanes
CR 466A	Sumter County	SR 25/500 (US 27/441)	Widen to 4 Lanes
CR 468 Extension	SR 44	Miller Blvd	New 4 Lane Road
CR 470	Sumter County	CR 33/CR 48	Widen to 4 Lanes
CR 475	I-75	SR 44	Widen to 4 Lanes
CR 561	SR 19	CR 448	Widen to 4 Lanes
Fosgate Rd	US 27	N Hancock Ext	New 4 Lane Road
Hartle Rd	Hartwood Marsh Rd	New Road A	New 2 Lane Road
Hartle Rd	SR 50	Hartwood Marsh Rd	Widen to 4 Lanes

Table 29 – CFRPM 5.0 Alternative 2 Transportation Improvements – Lake-Sumter MPO (continued)

Roadway Project	From	To	Improvement
Hooks St	Hancock Rd	Hartle Rd	Widen to 4 Lanes
Hooks St	SR 25 (US 27)	S Hancock Rd	Widen to 4 Lanes
I-75	CR 465	I-75	New Interchange
Minneola Interchange	SR 91/Florida's Turnpike		New Interchange
N Hancock Extension	CR 50	SR 91/Florida's Turnpike/Fosgate Rd	Widen to 4 Lanes/New Interchange
New Road A	SR 25 (US 27)	Orange County Line/SR 429	New 4 Lane Road
Round Lake Rd	SR 44	Wolf Branch	New 2 Lane Road
Sawgrass Extension	SR 25 (US27)	Orange County/Hartzog	New 4 Lane Road
SR 19	CR 561	Lake Harris Bridge	Widen to 4 Lanes
SR 19	Lake Harris Bridge	CR 48	Widen to 4 Lanes
SR 19	SR 25 (US 27)	SR 50	Widen to 4 Lanes
SR 25 (US 27)	N of Boggy Marsh Rd	N of Lake Louisa Rd	Widen to 6 Lanes
SR 25 (US 27)	SR 50		Interchange Improvements
SR 25/500 (US 27/441)	Lake Ella Rd	Avenida Central	Widen to 6 Lanes
SR 25/500 (US 27/441)	MLK Jr Blvd	Lake Ella Rd	Widen to 6 Lanes
SR 35 (US 301)	CR 468	SR 91/Florida's Turnpike	Widen to 4 Lanes
SR 35 (US 301)	CR 470 (W)	CR 468	Widen to 4 Lanes
SR 35 (US 301)	N of CR 232	N of NE 110 Rd	Widen to 4 Lanes
SR 44	Orane Ave	Waycross	Widen to 4 Lanes
SR 46/Wekiva Connector	SR 500 (US 441)	Wekiva Parkway	New Beltway
SR 46/Wekiva Parkway	US 441	Wekiva Parkway	Widen to 6 Lanes/New 6 Lane Road
SR 48	E of CR 93 (I-75) Ramps	CR 475 (Main St)	Widen to 4 Lanes
SR 50	E of Grand Highway	W of Hancock Rd	Widen to 6 Lanes
SR 500 (US 441)	Perkins St	SR 44 (E Dixie Ave)	Widen to 6 Lanes
SR 91/Florida's Turnpike	CR 468	SR 91/Florida's Turnpike	New Interchange
SR 91/Florida's Turnpike	I-75	Minneola Interchange	Widen to 6 Lanes
SR 91/Florida's Turnpike	Minneola Interchange	Orange County Line	Widen to 8 Lanes
SR 93 (I-75)	Hernando County Line	SR 91/Florida's Turnpike	Widen to 6 Lanes
Wekiva Parkway	Orange County Line	Seminole County Line	New Beltway

Table 30 – CFRPM 5.0 Alternative 2 Transportation Improvements – Ocala-Marion TPO

Roadway Project	From	To	Improvement
Belleview Bypass	US 441/27	SR 35	New 4 Lane Road
CR 42	US 441/27	CR 25	Widen to 4 Lanes
CR 464	SE 36th Ave	SR 35	Widen to 4 Lanes
CR 475A	SW 66th St	SW 42nd St	Widen to 4 Lanes
CR 484	SW 49th Ave	CR 475A	Widen to 6 Lanes
CR 484	US 41	SW 49th Ave	Widen to 4 Lanes
Marion Oaks Blvd	CR 484	SW 36th Ave Rd	New 2 Lane Road
NW 27th Ave	US 27	NW 35th St	Widen to 4 Lanes
NW 35th St	NW 27th Ave	NW 44th Ave	New 4 Lane Road
SE 92nd PI Rd	US 441	SR 35	Widen to 4 Lanes
SR 200	Citrus Co. Line	CR 484	Widen to 4 Lanes
SR 326	US 441/301	N.E. 36th Ave	Widen to 4 Lanes
SR 40	CR 314 NE 60th Ct	SE 183rd Ave Rd	Widen to 4 Lanes
SR 40	SW 27th Ave	SW 60th Ave	Widen to 6 Lanes
SW 36th Ave Rd	Marion Oaks Blvd	CR 466	New 2 Lane Road
SW 49th Ave	SW 95th St	SW 42nd St	Widen to 4 Lanes
SW 66th St	CR 475A	SR 200	Widen to 4 Lanes
SW 95th St	At I-75		New Interchange
SW 95th St	SW 49th Ave	I-75	Widen to 4 Lanes
US 27	NW 27th Ave	NW 44th Ave	Widen to 6 Lanes
US 301	CR 42	Existing 4 lane	Widen to 4 Lanes
US 441/27	Existing 6 lane	Belleview Bypass	Widen to 6 Lanes
US 441/301/27	SE 92nd PI Rd	CR 475	Widen to 6 Lanes

Table 31– CFRPM 5.0 Alternative 2 Transportation Improvements – Space Coast TPO

Roadway Project	From	To	Improvement
Babcock Rd	US 192	Malabar Rd	Widen to 6 Lanes
I-95	Port St. John	SR 406	Widen to 6 Lanes
I-95	Viera Blvd		New Interchange
Judge Fran Jamieson Wy Extension	Road A	Heritage	New 2 Lane Road
Lake Andrew Dr Extension	Stadium Pkwy	Judge Fran Jamieson Wy	New 2 Lane Road
Malabar Rd	St. John's Heritage Pkwy	Minton Rd	Widen to 4 Lanes
Palm Bay Pkwy	Ellis Rd	Micco Rd	New 4 Lane Road + New Interchange w/ I-95
Viera Blvd	Murrell Rd	Holiday Springs	Widen to 4 Lanes
Viera Phase III Road A	Viera Blvd	Wickham Rd	New 2 Lane Road
Viera Phase IV Road B	Wickham Rd	Pineda Cswy	New 2 Lane Road
Viera Phase IV Road C	Wickham Rd	Road B	New 2 Lane Road
Viera Phase IV Road D	Road B	Washingtonia Drive	New 2 Lane Road
Washingtonia Drive Extension	Wickham Rd/Lake Andrew	Palm Bay Pkwy	New 4 Lane Road

Table 32 – CFRPM 5.0 Alternative 2 Transportation Improvements – Volusia TPO

Roadway Project	From	To	Improvement
Airport Rd	Current Termini	SR 44	Widen to 4 Lanes/New 4 Lane Road
Airport Rd	Hunters Ridge Dr	SR 40 (in Flagler Cty)	Widen to 4 Lanes/New 2 Lane Road
Dirksen/DeBary Rd	I-4	US 17/92	Widen to 4 Lanes
Doyle Rd	SR 415	Providence Blvd	Widen to 4 Lanes
Dunn Ave Extension	Tomoka Farms Rd	LPGA Blvd	New 2 Lane Road
Hand Ave Extension	Williamson Blvd	Tymber Creek	New 2 Lane Road
Howland Blvd	Providence Blvd	Lake Helen-Osteen	Widen to 4 Lanes
I-4	I-95	US 92	New Systems Interchange
I-4	SR 44	I-95	Widen to 6 Lanes
I-95	SR 400 (Beville Road)	SR 44	Widen to 6 Lanes
I-95	SR 421		New Interchange
Kepler Rd	SR 44	US 92	Widen to 4 Lanes
North-South Connector Road	SR 44	SR 442	Widen to 4 Lanes
North-South Connector Road	SR 442	Maytown Rd	New 2 Lane Road
Rhode Island Extension	Sparkman	Westside Pkwy	New 2 Lane Road
Rhode Island Extension	Veterans Memorial Parkway	Normandy Blvd	New 2 Lane Road
SR 40	Cone Road	US 17	Widen to 4 Lanes
SR 415	Reed Ellis Rd	Seminole County Line	Widen to 4 Lanes
SR 415	SR 44	Acorn Lake	Widen to 4 Lanes
SR 442 Extension	Current Termini	SR 415	New 2 Lane Road
SR 442 Extension	US 1	A1A	New 2 Lane Road/New Intercoastal Bridge
Tymber Creek Extension	SR 40	LPGA Blvd	New 2 Lane Road
Westside Pkwy	Saxon Blvd	SR 15A	New 2 Lane Road
Williamson Blvd Extension	SR 44	SR 442	New 2 Lane Road
Williamson Blvd Extension	Terminus	Pioneer Trail	New 4 Lane Road

**Table 33 – CFRPM 5.0 Alternative 2 Transportation Improvements – METROPLAN
ORLANDO**

Roadway Project	Improvement
A.D. Mims Rd (Clarke Rd to Apopka-Vineland Rd)	Widen to 4 Lanes
A.D. Mims Rd (Wirst Rd to Clarke Rd)	Widen to 4 Lanes
Airport Blvd. (US 17-92 to Mellonville Ave)	Widen to 4 Lanes
Airport Blvd. Extension (SR 46 to C-15/Monroe Rd)	New 4 Lane Roadway
Alafaya Tr (Curry Ford Rd to Avalon Park Blvd)	Widen to 6 Lanes
Alden Road (Orange Ave to Rollins St)	New 2 Lane Roadway
All American Blvd. (Clarcona Ocoee Rd. to Forest City Rd.)	Realignment + New 4 Lane Roadway
Andes Avenue (Lake Underhill Rd to Fairgreen St.)	New 2 Lane Roadway
Apopka Vineland Rd/CR 435 (Fenton Rd to Darlene Rd)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (Balboa Dr to SR 438/Silver Star Rd.)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (Conroy-Windermere Rd to Old Winter Garden Rd)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (Sand Lake Rd to Conroy-Windermere Rd)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (SR 50/Colonial Dr to Balboa Dr)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (A.D. Mims Rd to Clarcona Ocoee Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (Darlene Rd to Kilgore Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (Kilgore Rd to Sandlake Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (SR 438/Silver Star Rd to A.D. Mims Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (Wintergarden-Vineland Rd to Fenton Rd)	Widen to 6 Lanes
Augusta National Drive (Bent Pne De. To Hoffner Ave.)	New 2 Lane Roadway
Avalon Rd (CR 545) (McKinney Rd to Tilden Rd)	Widen to 4 Lanes
Avalon Rd (CR 545) (Seidel Rd to McKinney Rd)	Widen to 4 Lanes
Avalon Rd (CR 545) (Siplin Rd to SR 50/Colonial Dr)	Widen to 4 Lanes
Avalon Rd (CR 545) (SR 50/Colonial Dr to Oakland Ave)	Widen to 4 Lanes
Avalon Rd (CR 545) (Tilden Rd to Siplin Rd)	Widen to 4 Lanes
Avalon Rd (CR 545) (US 192 to Seidel Rd)	Widen to 4 Lanes
Beulah Rd (Marshall Farms Rd to SR 50/Colonial Dr)	Widen to 4 Lanes
Bill Beck Blvd. (Kissimmee Charter School to Osceola Pkwy.)	New 2 Lane Roadway
Binion Rd (Boy Scout Rd to Lust Rd)	Widen to 4 Lanes
Binion Rd (Ocoee-Apopka Rd to Boy Scout Rd)	Widen to 6 Lanes
Bluford Ave (Geneva St to Orlando Ave)	Widen to 3 Lanes
Bluford Ave (McKey St to SR 438/Silver Star Rd)	Widen to 3 Lanes
Bluford Ave (Orlando Ave to McKey St)	Widen to 3 Lanes
Bluford Ave (SR 50/Colonial Dr to Geneva St)	Widen to 3 Lanes
Boggy Creek DRI Rd F (Osceola Co. Line to Wyndham Lakes Blvd)	New 4 Lane Roadway
Boggy Creek Rd (Dowden Rd to Landstreet Rd)	Widen to 6 Lanes
Boggy Creek Rd (Osceola co Line to SR 417/Greenway)	Widen to 6 Lanes
Boggy Creek Rd (SIS Connector) (Landstreet Rd to Sand Lake Rd)	Widen to 6 Lanes
Boggy Creek Rd (SR 417/Greenway to Wetherbee Rd)	Widen to 6 Lanes
Boggy Creek Rd (Tradeport to Dowden Rd)	Widen to 6 Lanes
Boggy Creek Rd (Wetherbee Rd to Tadeport Dr)	Widen to 6 Lanes
Boggy Creek Rd/CR 530 (Buenaventura Blvd to Osceola Pkwy)	Widen to 6 Lanes
Boggy Creek Rd/CR 530 (Fortune Rd to Buenaventura Blvd)	Widen to 6 Lanes
Boggy Creek Rd/CR 530 (Orange Co. Line to Narcoossee Rd)	Widen to 4 Lanes
Boggy Creek Rd/CR 530 (Osceola Pkwy to Orange Co. Line)	Widen to 6 Lanes
Boggy Creek Road (Hilliard Isle to Osceola Pkwy)	Widen to 4 Lanes
Boggy Creek Road (Jetport Dr. to SR 417)	Widen to 4 Lanes
Boggy Creek Road (Osceola County Line to SR 417)	Widen to 4 Lanes
Boggy Creek Road (Osceola Parkway to E. Boggy Creek Rd)	Widen to 4 Lanes
Boone Avenue (Anderson St. to Lucerne Terrace)	New 2 Lane Roadway
Bowness Rd (Ocoee) (S Kissimmee Ave to Franklin St)	Widen to 4 Lanes
Bowness Rd/Kissimmee Ave (Ocoee) (Story Rd to S Kissimmee Ave)	Widen to 4 Lanes

**Table 33 – CFRPM 5.0 Alternative 2 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
Brengle Av (New Hampshire St to WD Judge Rd)	New 2 Lane Roadway
Buenaventura Boulevard (Buttonwood Rd. to Orange County Line)	Widen to 6 Lanes
Canadian Court Ext. (International Dr. To John Young Pkwy.)	New 4 Lane Roadway
Carrier Drive (Grand National Dr to Universal Blvd.)	Widen to 4 Lanes
Carroll St (Columbia Ave/North Kissimmee MMTD to Thacker Ave)	Widen to 6 Lanes
Carroll St (John Young Parkway to US 441)	Widen to 4 Lanes
Carroll St (John Young Pkwy to US 441/Orange Blossom Trail)	Widen to 6 Lanes
Carroll St (Thacker Ave to John Young Parkway)	Widen to 6 Lanes
Carroll St (US 441/Orange Blossom Trail to Old Dixie Hwy)	Widen to 4 Lanes
Carroll Street (Old Dixie Hwy to Michigan Ave)	Widen to 5 Lanes
Central FL Pkwy (International Dr. to SR 423/John Young Parkway)	Widen to 6 Lanes
Central FL Pkwy (Turkey Lake Rd to International Dr)	Widen to 4 Lanes
Chickasaw Tr/Vista Park Blvd (0.5 miles N of Lee Vist Blvd to Cascade Dr)	Widen to 4 Lanes
Chickasaw Trail (Cascade Dr to Curry Ford Rd)	Widen to 4 Lanes
Citrus Oaks Ave (SR 50 /Colonia Dr to Old Winter Garden Rd)	Widen to 4 Lanes
Clarcona Rd (Clarcona-Ocoee Rd to Gilliam Rd)	Widen to 5 Lanes
Clarcona Rd (Clarke Rd to Apopka-Vineland Rd)	Widen to 6 Lanes
Clarcona Rd (Gilliam Rd to Keene St)	Widen to 6 Lanes
Clarcona Rd (Keene St to Cleveland St)	Widen to 6 Lanes
Clarcona-Ocoee Rd (Adair St to Clarke Rd)	Widen to 4 Lanes
Clarcona-Ocoee Rd (Apopka-Vineland Rd to Hiawasse Rd)	Widen to 6 Lanes
Clarcona-Ocoee Rd (Fullers Cross Rd to West Rd)	Widen to 4 Lanes
Clarcona-Ocoee Rd (West Rd to Adair St)	Widen to 6 Lanes
Clarke Rd (A.D. Mims Rd to SR 438/Silver Star Rd)	Widen to 6 Lanes
Clarke Rd (Clarcona-Ocoee Rd to Hackney-Prairie Rd)	Widen to 6 Lanes
Clarke Rd (Hackney-Prairie Rd to A.D. Mims Rd)	Widen to 6 Lanes
Clarke Rd (SR 438/Silver Star Rd to White Rd)	Widen to 6 Lanes
Clarke Rd (White Rd to SR 50/Colonial Dr)	Widen to 6 Lanes
Conroy-Windermere Rd (Lake St. to Apopka-Vineland Rd)	Widen to 4 Lanes
Conway Rd (Hoffner Rd to Gaitlin Ave)	Widen to 6 Lanes
Conway Rd (Judge Rd to Hoffner Rd)	Widen to 6 Lanes
Conway Rd (McCoy Rd to Judge Rd)	Widen to 6 Lanes
CR 419 (Chuluota Bypass (Showhill Rd) to Orange County line)	Widen to 4 Lanes
CR 419 (Chuluotta Rd (Lake Pickett Rd to SR 50/Colonial Dr)	Widen to 4 Lanes
CR 419 (Chuluotta Rd) (Seminole Co line to Lake Pickett Rd)	Widen to 4 Lanes
CR 419 (CR 426 to 0.30 miles west of Lockwood Blvd)	Widen to 4 Lanes
CR 427 (Country Home Rd to Lake Mary Blvd)	Widen to 6 Lanes
CR 427 (Longwood-Lake Mary Rd to SR 419)	Widen to 6 Lanes
CR 427 (North St to Seminole Blvd/Dog Track Rd)	Widen to 6 Lanes
CR 427 (Seminole Blvd/Dog Track Rd to SR 434)	Widen to 6 Lanes
CR 427 (SR 419 to US 17-92)	Widen to 6 Lanes
CR 427 (Sr 434 to Longwood-Lake Mary Rd)	Widen to 6 Lanes
CR 427 (SR 436 to North St)	Widen to 6 Lanes
CR 427 (US 17-92 to Country Home Rd)	Widen to 6 Lanes
CR 438A (Kennedy Blvd/Lake Ave) (Keller Rd to Wymore Rd)	Widen to 6 Lanes
CR 438A (Kennedy Blvd/Lake Ave) (Wymore Rd to US 17-92)	Widen to 4 Lanes
CR 46A (International Pkwy to Rinehard Rd)	Widen to 6 Lanes
CR 532 (Nova Rd) (Osceola Co Line to SR 520)	Widen to 4 Lanes
CR 532 (Osceola Polk Line CR 545 to US 17-92)	Widen to 4 Lanes
CR 535 (Winter Garden-Vineland Rd) (Buena Vista Dr to Reams Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Chase Rd to Ficquette Rd/Hancock Rd)	Widen to 6 Lanes

**Table 33 – CFRPM 5.0 Alternative 2 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
CR 535 (Winter Garden-Vineland Rd) (Ficquette Rd/Hancock Rd to Tilden Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Reams Rd to Chase Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Roper Rd to SR 50/Colonial Dr)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (SR 429 to Roper Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Tilden Rd to SR 429))	Widen to 6 Lanes
Cypress Parkway (Doverplum Ave to Marigold Ave)	Widen to 6 Lanes
Dean Rd (SR 426 to the Orange County line)	Widen to 4 Lanes
Division Avenue (Gore St to Michigan St)	Widen to 4 Lanes
Donegan Avenue (John Young Parkway to Orange Blossom Trail)	Widen to 5 Lanes
Dowden Rd (4th St) (Orange Ave to Boggy Creek Rd)	Widen to 6 Lanes
Dowden Rd (Greenshire Wy to Pine Lily St)	Widen to 4 Lanes
Dowden Rd (Lake Nona N/S Road to Greenshire Wy)	New 4 Lane Roadway
Dowden Road (Narcoossee Rd. to Greenway)	New 4 Lane Roadway
Dowden Road (Narcoossee Rd. to Greenway)	Widen to 6 Lanes
Econlockhatchee Trail (City limits to Lee Vista Blvd.)	Widen to 4 Lanes
Econlockhatchee Trail (Curry Ford Road to SR 50)	Widen to 4 Lanes
Econlockhatchee Trail (Lee Vista Blvd. to Dowden Rd)	New 4 Lane Roadway
Econlockhatchee Trail (Orlando City Limits to Curry Ford Road)	Widen to 4 Lanes
Eden Drive - Jones Connection (Jones Rd (Narcoossee Rd) to Eden Dr)	New 2 Lane Roadway
Fairgreen Street (Maguire Blvd to Old Cheney Hwy)	New 2 Lane Roadway
Fenton Street (Apopka-Vineland Rd. to Palm Pkwy)	Realignment + New 4 Lane Roadway
Ficquette Rd-Hancock Rd (Lake Hancock rd to 600' W of Overstreet Rd)	Widen to 4 Lanes
Ft. Christmas Rd (Seminole Co Line to SR 50/Colonial Dr)	Widen to 4 Lanes
Fullers Cross Rd (Ocoee-Apopka Rd to Clarcona-Ocoee Rd)	Widen to 6 Lanes
Geneva St (Ocoee) (Bluford Ave to Bowness Rd)	Widen to 4 Lanes
Glenridge Way (Winter Park Rd to Lakemont Ave)	Widen to 4 Lanes
Good Homes Rd (Old Winter Garden Rd to SR 408)	Widen to 6 Lanes
Good Homes Rd (SR 408 to SR 50/Colonial Dr)	Widen to 6 Lanes
Grand National Drive Overpass (Oak Ridge Rd. to E. Half of Caravan Ct.)	New 4 Lane Roadway
Grand National Drive/Greenbrier Pkwy. (Sand Lake Rd. to International Dr.)	Widen to 4 Lanes
Ham Brown Road (US 17-92 to Cypress Shadows)	Widen to 4 Lanes
Hazeltine National Drive (1500' E of TPC Blvd. to Goldenrod Rd.)	New 4 Lane Roadway
Hazeltine National Drive (Goldenrod Rd to Narcoossee Rd.)	New 4 Lane Roadway
Hazeltine National Drive (Narcoossee Rd to Econlockhatchee Tral)	New 4 Lane Roadway
Hempel Ave (Gotha Rd to Old Winter Garden Rd)	Widen to 4 Lanes
Hempel Ave (Windy Ridge Rd to Gotha Rd)	Widen to 4 Lanes
Hiawassee Rd (Beggs Rd to Apopka Blvd))	Widen to 6 Lanes
Hiawassee Rd (Clarcona-Ocoee Rd to Beggs Dr)	Widen to 6 Lanes
Hoagland Blvd/Pleasant Hill Rd (US	Widen to 4 Lanes
Howell Branch Rd (Orange County Line to SR 436)	Widen to 6 Lanes
I-4 (at SR 46)	Intersection Improvement
I-4 (N of Central Pkwy to 1 mile N of SR 434)	Add HOV Lanes
I-4 (N of Kennedy Blvd. to Orange/Seminole Co. line	Add HOV Lanes
I-4 (Orange.Seminole Co. line to N of Central Pkwy.)	Add HOV Lanes
I-4 (S of SR 500/US 441 to S of Ivanhoe Blvd.)	Add HOV Lanes
I-4 (S of Ivanhoe Blvd. to N of Kennedy Blvd.)	Add HOV Lanes
I-4 (S of SR 435/Kirkman Rd. to S of SR 500/US 441)	Add HOV Lanes
I-4 (SR 528/Beachmine Expy. To S of SR 435/Kirkman	Add HOV Lanes
Ingram Rd (McCormick to Clarcona-Ocoee Rd)	Widen to 4 Lanes
International Dr (N Hawaiian Ct to Sand Lake Rd)	Widen to 6 Lanes
International Dr (S) (SR 417/Greenway to S. Westwood Blvd.)	Widen to 6 Lanes

**Table 33 – CFRPM 5.0 Alternative 2 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
International Dr (S) Osceola Co Line to Sr 535/Vineland Rd)	Widen to 8 Lanes
International Dr. (S) (SR 535/Vineland Rd to SR 417/Greeway)	New 6 Lane Roadway
International Drive South (S. Westwood	Widen to 6 Lanes
J Lawson Blvd (Wyndham Lakes Blvd to Boggy Creek Rd)	New 4 Lane Roadway
John Young Parkway (Parnell to Orange County line)	New Interchange
Jones Ave (US 441/Orange Blossom Tr to Lake Co. Line)	Widen to 4 Lanes
Kelly Park Rd (Plymouth-Sorrento Rd to Rock Springs Rd)	Widen to 4 Lanes
Kelly Park Rd (Round Lake Rd to Plymouth-Sorrento Rd)	Widen to 4 Lanes
Lake Bryan Beach Blvd (SR 535/Vineland Rd to Westwood Blvd Ext)	New 4 Lane Roadway
Lake Destiny Dr (N of Lee Rd to S of Kennedy Blvd)	New 2 Lane Roadway
Lake Hancock Rd (Seidel Rd to Reams Rd)	Widen to 4 Lanes
Lake Mary Blvd (County Clud Rd to SR 46)	Widen to 6 Lanes
Lake Mary Blvd (Rinehart Rd to County Clud Rd	Widen to 6 Lanes
Lake Nona E/W Road #2 (Boggy Creek Rd to Lake Nona N/S Rd)	New 4 Lane Roadway
Lake Nona E/W Road (Boggy Creek Rd. to Narcoossee Rd.)	New 4 Lane Roadway
Lake Nona Eastern Road (Lake Nona N/S Road to Narcoossee Rd.)	New 4 Lane Roadway
Lake Nona N/S Road (Lake Nona Bv to Heintzelman Rd)	New 4 Lane Roadway
Lake Nona Southern Connector (Lake Nona E/W Road #2 to Boggy Creek Rd)	New 4 Lane Roadway
Lake Pickett Rd (Percival Rd to S Tanner Rd)	Widen to 4 Lanes
Lake Pickett Rd (SR 50/Colonial Dr. to Percival Rd)	Widen to 4 Lanes
Lake Underhill Road (Chickasaw Tr. To Dean Rd)	Widen to 4 Lanes
Lake Underhill Road (Dean Rd. to Rouse Rd.)	Widen to 4 Lanes
Lake Underhill Road (Goldenrod Rd. to Chickasaw Tr.)	Widen to 4 Lanes
Lakeville Rd (Beggs Rd to Apopka Blvd.)	Widen to 4 Lanes
Lakeville Rd (Clarcona-Ocoee Rd to Beggs Rd)	Widen to 4 Lanes
Landstar Blvd. (Osceola Co Line to SR 417/Greenway)	Widen to 6 Lanes
Landstar Blvd. (SR 417/Greenway to Wetherbee Rd)	Widen to 6 Lanes
Lee Vista Blvd (Semoran Blvd to Narcoossee Rd)	Widen to 6 Lanes
Lee Vista Boulevard (Conway Rd to 1900' W of Semoran Blvd.)	Widen to 4 Lanes
Lee Vista Boulevard (SR 417 to Young Pine Rd.)	New 4 Lane Roadway
Lockwood Blvd (CR 419 to CR 426)	Widen to 4 Lanes
Lucerne Terrace (Sylvia Ln to Miller St.)	Add 2 Additional Lanes
Magnolia Av (Anderson St to Orange Av)	New 2 Lane Roadway
Maguire Bv (Robinson St to Colonial Dr)	Widen to 6 Lanes
Maguire Rd (Gotha Rd to Roberson Rd)	Widen to 4 Lanes
Maguire Rd (Marshall Farms Rd to Story Rd)	Widen to 4 Lanes
Maguire Rd (SR 50/Colonial Dr to Marshall Farms Rd)	Widen to 4 Lanes
Maguire Rd/Main St (1350' S of Lake Butler Blvd to Gotha Rd)	Widen to 4 Lanes
Maitland Ave (US 17-92 to Seminole Co. Line)	Widen to 6 Lanes
Main St (Windermere) (6th Ave to 1350' S of Lake Butler Blvd)	Widen to 4 Lanes
Main St (Windermere) (Chase Rd to 6th Ave)	Widen to 4 Lanes
Marigold Avenue (East Bourne to Cypress Parkway)	Widen to 6 Lanes
Marsh Rd (Lake Co. ine to Avalon Rd)	Widen to 4 Lanes
Marshall Farms Rd (Beulah Rd to Windermere Rd)	Widen to 4 Lanes
Marshall Farms Rd (SR 50/Colonial Dr to Maguire Rd)	Widen to 4 Lanes
McCormick Rd (Ingram Rd to Apopka Vineland Rd)	Widen to 4 Lanes
McCormick Rd (Ocoee-Apopka Rd to Ingram Rd)	Widen to 4 Lanes
McCulloch Rd (Lockwood Blvd to Old Lockwood Rd)	Widen to 4 Lanes
McKinnon Rd (CR 332) (Lake Butler Rd to Windermere Rd)	Widen to 4 Lanes
Metrowest Blvd. (Kirkman Rd. to Mission Rd.)	New 2 Lane Roadway
Michigan Avenue (Carroll St. to Osceola Pkwy.)	Widen to 6 Lanes

**Table 33– CFRPM 5.0 Alternative 2 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
Mission Road (Conray Rd to Metrowest Ext.)	New 4 Lane Roadway
Mission Road (Metrowest Blvd. to Old Winter Garden.)	New 2 Lane Roadway
Mission Road (Metrowest Blvd. to Old Winter Garden.)	Widen to 4 Lanes
Mitchell Hammock Rd (SR 434 to Lockwood Blvd)	Widen to 6 Lanes
Mitchell Hammock Road (SR 426 to SR 434)	Widen to 6 Lanes
Mitchell Hammock Road Extension (Lockwood Blvd to CR 419)	New 4 Lane Roadway
Moss Park Road (Lake Hart Rd to Lake Mary Jane Rd)	Widen to 4 Lanes
Moss Park Road Ext. (Moss Park Rd. to Innovation Place)	New 4 Lane Roadway
Mt. Plymouth Rd (Kelly Park Rd to Lake Co. Line)	Widen to 4 Lanes
Narcoossee Road (SR 417 to SR 528)	Widen to 6 Lanes
Narcoossee Road (US 192-441 to Orange County Line)	Widen to 6 Lanes
New Hampshire St (Texas Av to Stanhome Wy)	New 2 Lane Roadway
Oakland Ave (Lake Co Line to Tubb St)	Widen to 4 Lanes
Oakland Ave (Tubb St to Avalon Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (Binion Rd to Harmon Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (Fullers Cross Rd to West Rd)	Widen to 6 Lanes
Ocoee-Apopka Rd (Harmon Rd to Bradshaw Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (McCormick Rd to Binion Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (SR 438/Silver Star Rd to Fullers Cross Rd)	Widen to 6 Lanes
Ocoee-Apopka Rd (West Rd to McCormick Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd/Michael Gladden Blvd (Bradshaw Rd to Central Ave)	Widen to 4 Lanes
Old Boggy Creek Road (Denn John Rd to Boggy Creek Rd)	Widen to 4 Lanes
Old Dixie Highway (Osceola Pkwy. To Orange County Line)	Widen to 4 Lanes
Old Lake Wilson Road (Livingston Rd. to Sinclair Rd.)	Widen to 4 Lanes
Old Melbourne Hwy (US 192 to Bronco Dr)	Widen to 5 Lanes
Old Tampa Highway (US 17-92 to Poinciana Blvd)	Widen to 4 Lanes
Old US 441 (US 441/Orange Blossom Trail to Lake Co Line)	Widen to 4 Lanes
Old Vineland Rd (US 192 to Princess Hwy)	Widen to 4 Lanes
Old Winter Garden Rd (Apopka-Vineland Rd to Hiawasse Rd)	Widen to 6 Lanes
Old Winter Garden Rd (Blackwood Ave to Hemple Ave)	Widen to 6 Lanes
Old Winter Garden Rd (Citrus Oaks Ave to Good Homes Rd)	Widen to 6 Lanes
Old Winter Garden Rd (Good Homes Rd to Apopka-Vineland Rd)	Widen to 6 Lanes
Old Winter Garden Rd (Hemple Ave to Citrus Oaks Ave)	Widen to 6 Lanes
Old Winter Garden Rd (Professional Pkwy to Blackwood Ave)	Widen to 6 Lanes
Orangewood Blvd. (SR 528/Beachline to Central Florida Pkwy)	Widen to 6 Lanes
Orlando Ave (Ocoee) (Bluford Ave to Montgomery Ave)	Widen to 4 Lanes
Osceola Pkwy (Interstate 4 to SR 417/Greenway)	Widen to 8 Lanes
Osceola Pkwy (Orange Blossom Trail to Florida Turnpike)	Widen to 8 Lanes
Osceola Pkwy (Toll) (John Young Parkway to US 441/Orange Blossom Trail)	Widen to 8 Lanes
Osceola Pkwy (Toll) (SR 417/Greenway to SR 535/Wineland Rd)	Widen to 6 Lanes
Osceola Pkwy (Toll) (SR 535/Wineland Rd to John Young Parkway)	Widen to 6 Lanes
Osceola Pkwy Extension (0.25 miles E of Tidewater Rd to SR 417 Ext)	New 4-Lane Limited Access
Osceola Pkwy. (John Young Parkway to Orange Blossom Trail)	Widen to 6 Lanes
Osceola Pkwy/Florida Turnpike	New Interchange
Palm Pkwy/Turkey Lake Rd (Winter Garden-Vineland Rd to Central Florida Pkwy)	Widen to 6 Lanes
Patch Rd (Bent Pine Dr to Hoffner Rd)	Widen to 4 Lanes
Pershing Ave (Bumby Ave to Conway Gardens Rd)	Widen to 4 Lanes
Piedmont-Wekiwa Springs Rd (Apopka Blvd to US 441/Orange Blossom Trl)	Widen to 6 Lanes
Piedmont-Wekiwa Springs Rd (US 441/Orange Blossom Tr to Semoran Blvd)	Widen to 6 Lanes
Pine Hills Rd (Clarcona-Ocoee Rd to Beggs Rd.)	Widen to 6 Lanes
Pine Hills Road (S. Overland Rd to Beggs Rd.)	Realignment

**Table 33 – CFRPM 5.0 Alternative 2 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
Pine Hills Road Ext. (Apopka Blvd. to US 441)	New 4 Lane Roadway
Pine Hills Road Ext. (Beggs Rd. to Apopka Blvd.)	New 4 Lane Roadway
Pine Street (Hughey Ave to Garland Ave)	New 2 Lane Roadway
Pleasant Hill Rd/Hoagland (US 17-92 to Pershing St.)	Widen to 4 Lanes
Plymouth Sorrento Rd (CR 437) (Kelly Park Rd to Ponkan Rd)	Widen to 4 Lanes
Plymouth Sorrento Rd (CR 437) (Lake Co Line to Kelly Park Rd)	Widen to 4 Lanes
Plymouth Sorrento Rd (CR 437) (Ponkan Rd to US 441/Orange Blossom Trl)	Widen to 4 Lanes
Poinciana Blvd (Crescent Lakes Way to Pleasant Hill Rd)	Widen to 4 Lanes
Poinciana Blvd (US 192 at SR 535)	Add Auxiliary Lanes
Poinciana Blvd (US 192 to one mile north of Old Tampa Hwy)	Widen to 6 Lanes
Poinciana Blvd Extension (Osceola Co. Line to International Dr)	New 6 Lane Roadway
Polynesian Isle Blvd. (US 192 to SR 535)	Widen to 4 Lanes
Ponkan Rd (Plymouth Sorrento Rd to Rock Springs Rd)	Widen to 4 Lanes
Ponkan Rd (US 441/Orange Blossom Trail to Plymouth Sorrento Rd)	Widen to 4 Lanes
Professional Pkwy (Maguire Rd to Old Winter Garden Rd)	Widen to 6 Lanes
Raleigh St (Kirkman Rd to Ivey Ln)	Widen to 3 Lanes
Reams Rd (Lake Hancock Rd to Center Dr)	Widen to 6 Lanes
Reams Rd (Center Dr. to Winter Garden-Vineland Rd)	Widen to 6 Lanes
Reams Road (2500' south of CR 535 to CR 535)	Realignment + Widen to 4 Lanes
Rinehart Rd (CR 46A to SR 46)	Widen to 6 Lanes
Rinehart Rd (Lake Mary Blvd to Timacuan Blvd)	Widen to 6 Lanes
Roberson Rd (Windermere Rd to Maguire Rd)	Widen to 4 Lanes
Rock Springs Rd (Ponkan Rd to Kelly Park Rd)	Widen to 6 Lanes
Rock Springs Road (Welsch Rd to Ponkan Rd)	Widen to 6 Lanes
Rock Springs Road/Park Ave (Apopka) (Votaw Rd to Welch Rd.)	Widen to 6 Lanes
Rock Springs Road/Park Ave (US 441/Orange Blossom Trail to Votaw Rd)	Widen to 6 Lanes
Rose Ave (Clarcona-Ocoee Rd to US 441/Orange Blossom Trail)	Widen to 4 Lanes
Round Lake Rd (Kelly Park Rd to Lake Co Line)	Widen to 4 Lanes
Round Lake Rd (Ponkan Rd to Kelly Park Rd)	Widen to 4 Lanes
Sadler Ave (US 441/Orange Blossom Tr to Round Lake Rd)	Widen to 4 Lanes
Sand Lake Rd (SR 434 to West Lake Brantley Rd)	Widen to 4 Lanes
Sand Lake Rd. @ John Young Pkwy, SR 482/Sand Lake Rd. to Presidents Dr.	Add 2 Additional Lanes
Sandler Ave (Lake Co. Line to US/441 Orange Blossom Trail)	Widen to 4 Lanes
Seidel Rd (Avalon Rd to Lake Hancock Rd)	Widen to 4 Lanes
Seminole Blvd (US 17/92 to Lake Drive)	Widen to 6 Lanes
Shadowridge Road (Forbes Place to Lee Vista Blvd.)	New 4 Lane Roadway
Shadowridge Road (Lee Vista Blvd. to Hoffner Ave)	New 4 Lane Roadway
Shady Lane (US 192 to Partin Settlement Rd.)	Widen to 4 Lanes
Simpson Road (Florida Turnpike to Fortune Rd)	Widen to 4 Lanes + New Overpass
Southport Rd (Pleasant Hill Rd to Southport Bay Dr)	Widen to 4 Lanes
SR 15 (Narcoossee Rd) (SR 528/Beachline to Lee Vista Blvd)	Widen to 6 Lanes
SR 15/600/US 17/92 (Int at SR 436)	Add 2 Additional Lanes
SR 15/600/US 17/92 (Shephard Rd. to Lake Mary Blvd.)	Add 2 Additional Lanes
SR 15/Narcosse Rd/Hoffner Ave. (Lee Vista to Conway Rd.)	Add 2 Additional Lanes
SR 415 (CR 415 to Volusia County line)	Widen to 4 Lanes
SR 415 (SR 46 to CR 415)	Widen to 4 Lanes
SR 419 (Edgemon Ave to US 17-92)	Widen to 4 Lanes
SR 419 (SR 434 to Edgemon Ave)	Widen to 4 Lanes
SR 423/John Young Pkwy. (Shader Rd. to Edgewater Dr.)	Add 2 Additional Lanes
SR 426 (Orange Co line/Old Howell Branch Rd to Tuskawilla Rd)	Widen to 6 Lanes
SR 426 (Pine Ave to SR 434)	Widen to 4 Lanes

**Table 33 – CFRPM 5.0 Alternative 2 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
SR 426 (SR 434 to CR 426)	Widen to 4 Lanes
SR 426 (Tuskawilla Rd to SR 417/Greenway)	Widen to 6 Lanes
SR 434 (DeLeon St to SR 426)	Widen to 4 Lanes
SR 434 (Edgemon Ave to US 17-92)	Widen to 6 Lanes
SR 434 (Montgomery Rd. to CR 427)	Add 2 Additional Lanes
SR 434 (Sand Lake Rd to Calabria Dr)	Widen to 6 Lanes
SR 434 (SR 417 to DeLeon St)	Widen to 4 Lanes
SR 434 (SR 419 to Edgemon Ave)	Widen to 6 Lanes
SR 434 (SR 426 to Mitchell Hammock Rd)	Widen to 4 Lanes
SR 434 (Trailwood Dr to Maitland Blvd/Orange Co Line)	Widen to 6 Lanes
SR 434 (US 17-92 to CR 427/Ronald Reagan Pkwy)	Widen to 6 Lanes
SR 434 (Wekiva Springs Rd/Montgomery Rd to Sand Lake Rd)	Widen to 6 Lanes
SR 434/Forest City Rd., SR 423/John Young Pkwy	Add 2 Additional Lanes
SR 436 (Howell Branch Rd to Orange Co. Line)	Widen to 8 Lanes
SR 436 (Int @ red Bug Lake Rd.)*	Intersection Improvement
SR 436 (Lake Howell Ln to Howell Branch Rd)	Widen to 8 Lanes
SR 436 (Lake Howell Rd to Lake Howell Lane)	Widen to 8 Lanes
SR 436 (Orange Co line to Lake Harriet Dr)	Widen to 8 Lanes
SR 436 (Palm Springs Dr to US 17-92)	Widen to 8 Lanes
SR 436 (US 17-92 to Wilson Dr)	Widen to 8 Lanes
SR 438/Silver Star Rd. (Dillard St. to SR 429/Western Expy.)	Add 2 Additional Lanes
SR 46 (Mellonville Avenue to SR 415)	Add 2 Additional Lanes
SR 46 (Orange Ave/Wekiwa Pkwy to Orange Blvd)	Widen to 4 Lanes
SR 46 (SR 415 to SR 426)	Widen to 4 Lanes
SR 46 (SR 426 to Volusia County Line)	Widen to 4 Lanes
SR 50 (Colonial Dr) (Florida's Turnpike to Avalon Rd)	Widen to 8 Lanes
SR 50 (Colonial Dr) (Lake Co. Line to Florida's Turnpike)	Widen to 8 Lanes
SR 50 (SR 429/Western Expy. To Good Homes Rd)	Add 2 Additional Lanes
SR 500/600/US 17/92 (Poinciana Blvd. to CR 535)	Add 2 Additional Lanes
SR 500/US 192 (Aeronautical Blvd. to Buddinger, Eastern Ave to CR 532))	Add 2 Additional Lanes
Story Rd (9th St to Carter Rd)	Widen to 4 Lanes
Story Rd (Carter Rd to Bowness Rd/Kissimmee Ave)	Widen to 4 Lanes
Story Rd (Plant St to 9th St)	Widen to 4 Lanes
Taft Vineland Rd. Ext. (General Blvd to Orange Ave)	Widen to 6 Lanes
Taft Vineland Rd. Ext. (Central FL Pkwy. To John Young Pkwy)	New 4 Lane Roadway
Taft-Vineland Rd (US 441/Orange Blossom Trail to General Blvd)	Widen to 6 Lanes
Terry Avenue (Gore St. to Anderson St.)	New 2 Lane Roadway
Terry Avenue (Robinson St. to SR 50 (Colonial Dr.))	New 2 Lane Roadway
Texas Av (Princeton St to WD Judge Rd)	New 2 Lane Roadway
Thompson Rd (Semoran Blvd to Votaw Rd)	Widen to 4 Lanes
Thompson Rd (Votaw Rd to Welch Rd)	Widen to 4 Lanes
Tilden Rd (Avalon Rd to Winter Garden-Vinelane Rd)	Widen to 4 Lanes
Tradeport Dr (Boggy Creek Rd to Centerport St)	Widen to 6 Lanes
Tradeport Dr (Centerport St to Secure Rd)	Widen to 6 Lanes
Tradeport Dr (Secure Rd to Jetport Dr)	Widen to 6 Lanes
Turkey Lake Rd (Central FL Pkwy to Sand Lake Commons Blvd)	Widen to 6 Lanes
Turkey Lake Rd (Sand Lake Commons Blvd to Sand Lake Rd)	Widen to 6 Lanes
Tuskawilla Rd (Eagle Blvd to lake Dr)	Widen to 6 Lanes
Tuskawilla Rd (Red Bug Lake Rd to Eagle Blvd)	Widen to 6 Lanes
Tuskawilla Rd (SR 426 to Dike Rd)	Widen to 6 Lanes
Univeral Blvd (Sand Lake Rd to Pointe Plaza Ave)	Widen to 6 Lanes

**Table 33 – CFRPM 5.0 Alternative 2 Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
US 17/92 (Polk/Osceola Co. Line to Poinciana Blvd.)	Add 2 Additional Lanes
US 17-92 (Lake Mary Blvd to SR 417 (Greenway))	Widen to 6 Lanes
US 192 (Lake Co. line to Secret Lake Dr)	Widen to 6 Lanes
Vista Lakes Loop (Econlockhatchee Tr to Hazeltine Dr)	New 2 Lane Roadway
Vista Lakes Loop (Lee Vista Bv to Econlockhatchee Tr)	New 4 Lane Roadway
Wallace Rd (Apopka-Vineland Rd to Dr. Phillips Blvd)	Widen to 4 Lanes
Wallace Rd (Dr. Phillips Blvd to Turkey Lake Rd)	Widen to 4 Lanes
Warrior Rd (Windermere Rd W to Windermere Rd E)	Widen to 4 Lanes
WD Judge Rd (John Young Py to Texas Av)	New 2 Lane Roadway
Wekiwa Springs Rd (Orchard Dr to Seminole Co. Line)	Widen to 4 Lanes
Welch Rd (Rock Springs Rd to Thompson Rd)	Widen to 4 Lanes
Welch Rd (Thompson Rd to Wekiwa Springs Rd)	Widen to 4 Lanes
Western Way Extension (SR 429/Beltway to Avalon Rd)	New 4 Lane Roadway
Westwood Blvd Extension (Weildwood Ave to International Dr)	New 4 Lane Roadway
Wetherbee Rd (Landstar Blvd to Boggy Creek Rd)	Widen to 6 Lanes
Wetherbee Rd (US 441/Orange Blossom Tr to Orange Ave)	Widen to 6 Lanes
Wildwood Ave (Westwood Blvd Ext to International Dr)	New 4 Lane Roadway
Wildwood Avenue (International Dr. to Palm Pkwy.)	New 4 Lane Roadway + Bridge
Windermere Rd (Marshall Farms Rd to Warrior Rd)	Widen to 4 Lanes
Windermere Rd (Roberson Rd to Maguire Rd)	Widen to 4 Lanes
Windy Ridge Rd (Hempel Ave to Apopka-Vineland Rd)	Widen to 4 Lanes
Winter Garden-Vineland Road (Ficquette Rd. to Southern Way)	Widen to 4 Lanes
Winter Garden-Vineland Road (Magnolia Pk. To south of SR 429)	Widen to 4 Lanes
Winter Park Dr (Seminola Blvd to SR 434)	Widen to 4 Lanes
Woodcrest Blvd (Michigan Ave to Orchid Lane)	Widen to 4 Lanes
Wurst Rd (Adair St.to A.D. Mims Rd)	Widen to 4 Lanes
Wurst Rd (Lakewood Ave to Adair St.)	Widen to 4 Lanes
Wymore Rd (Kennedy Blvd to Maitland Blvd.)	Widen to 4 Lanes
Wymore Rd (Lee Rd to Kennedy Blvd)	Widen to 4 Lanes
Wymore Rd (Maitland Blvd to Seminole Co. Line)	Widen to 4 Lanes
Wyndham Lakes Blvd Ext (Mountleigh Ct to J Lawson Blvd)	New 4 Lane Roadway
Young Pine Road (Lamberton Rd to Lee Vista Blvd.)	Widen to 4 Lanes

Figure 18 – CFRPM 5.0 Alternative 2 Transportation Improvements – Flagler County

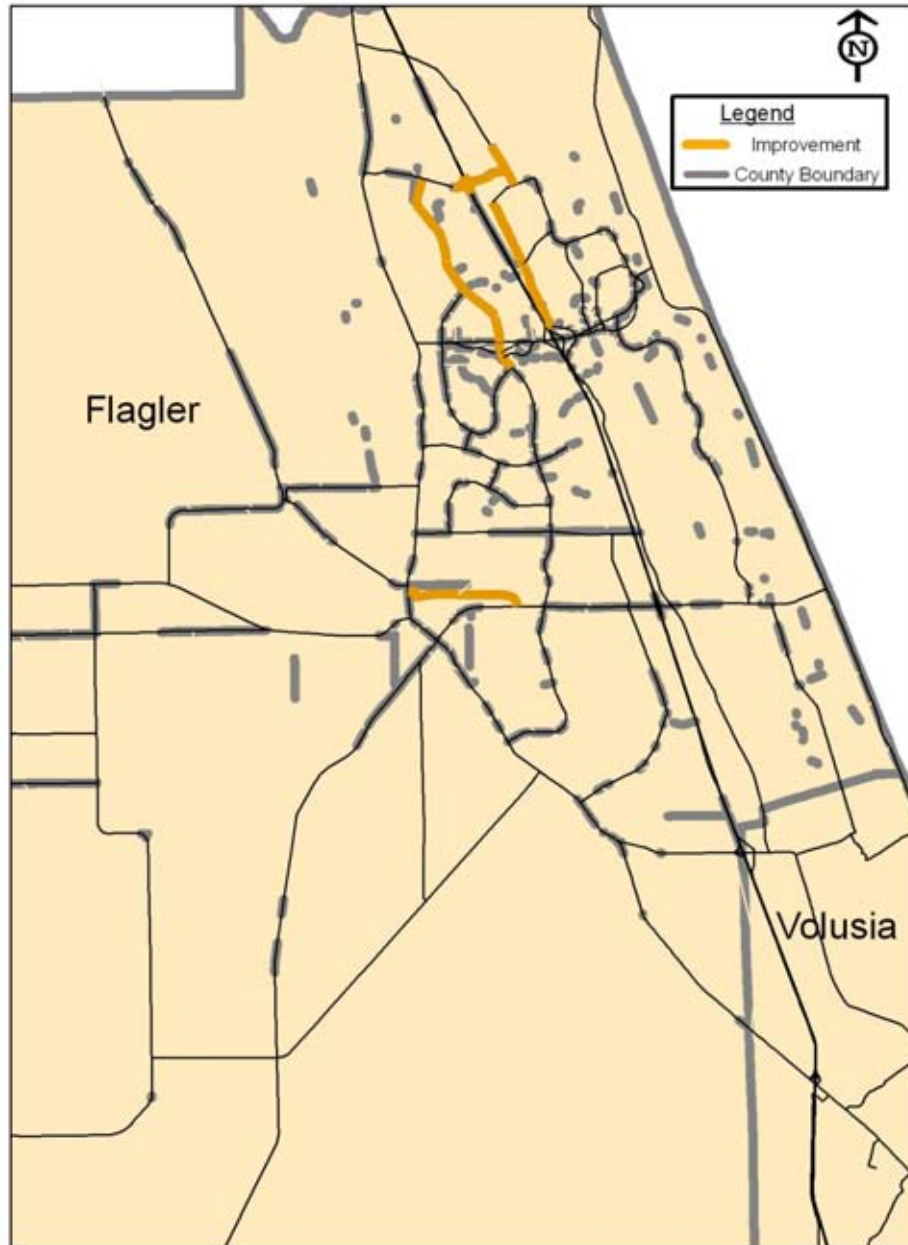


Figure 19 – CFRPM 5.0 Alternative 2 Transportation Improvements – Lake-Sumter MPO

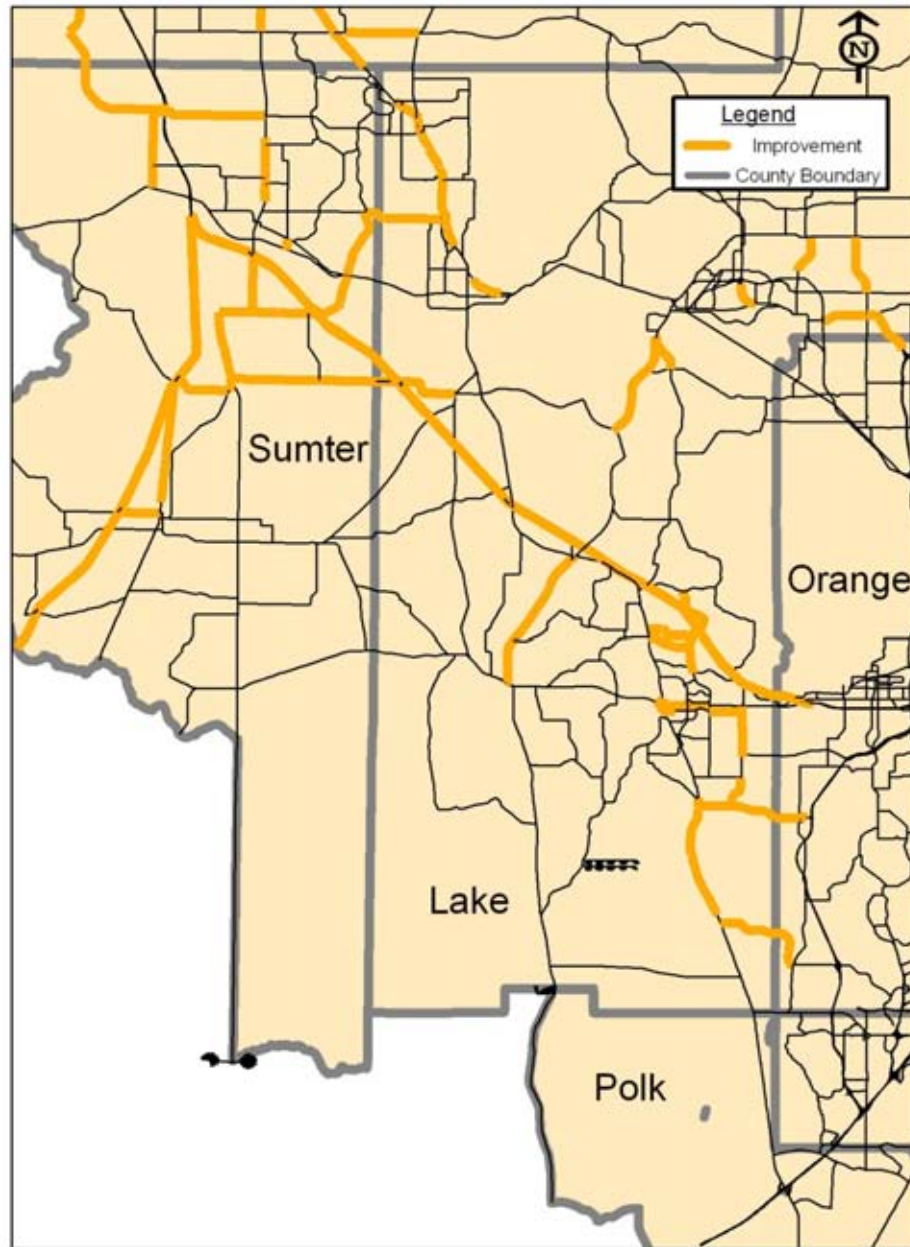


Figure 20 – CFRPM 5.0 Alternative 2 Transportation Improvements – Ocala-Marion TPO

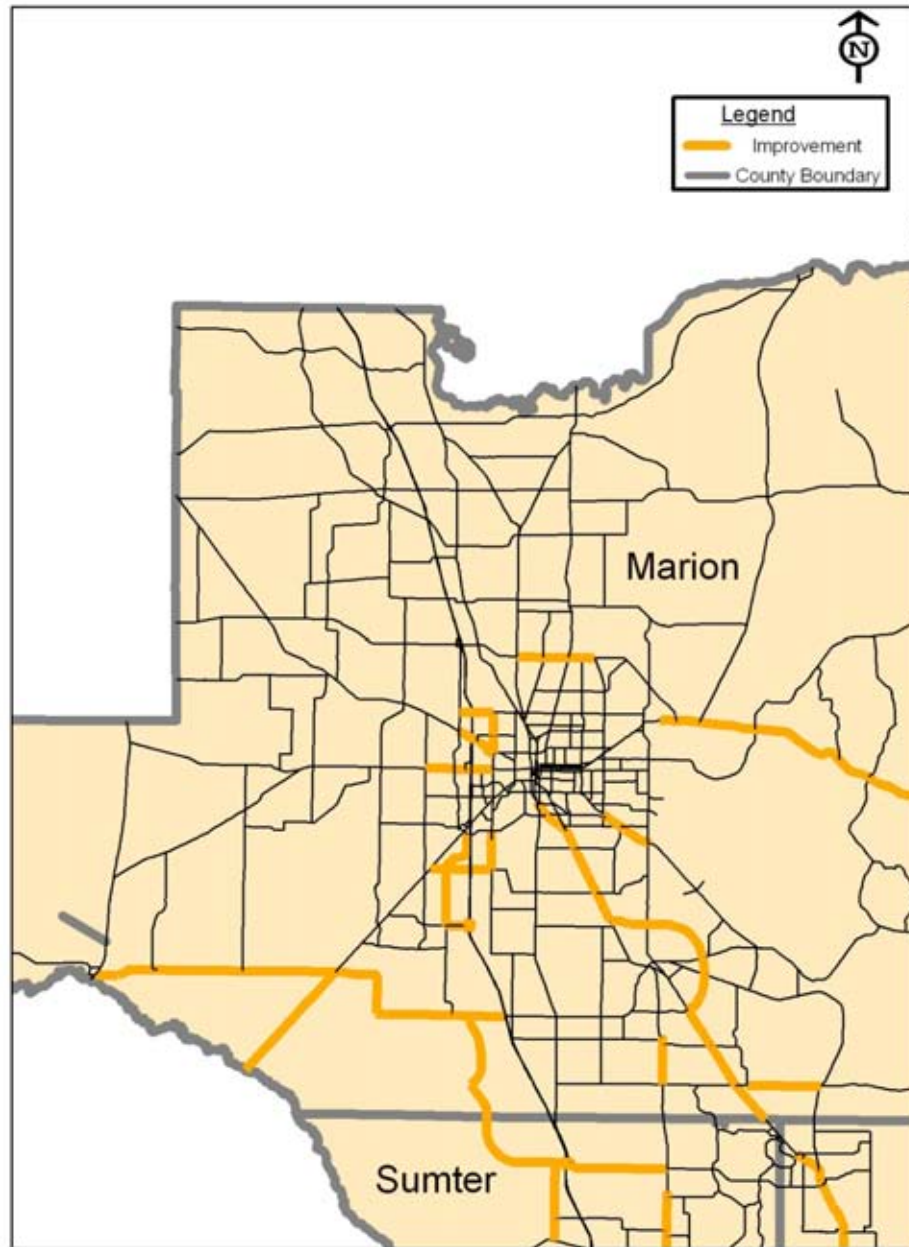


Figure 21 – CFRPM 5.0 Alternative 2 Transportation Improvements – Space Coast TPO

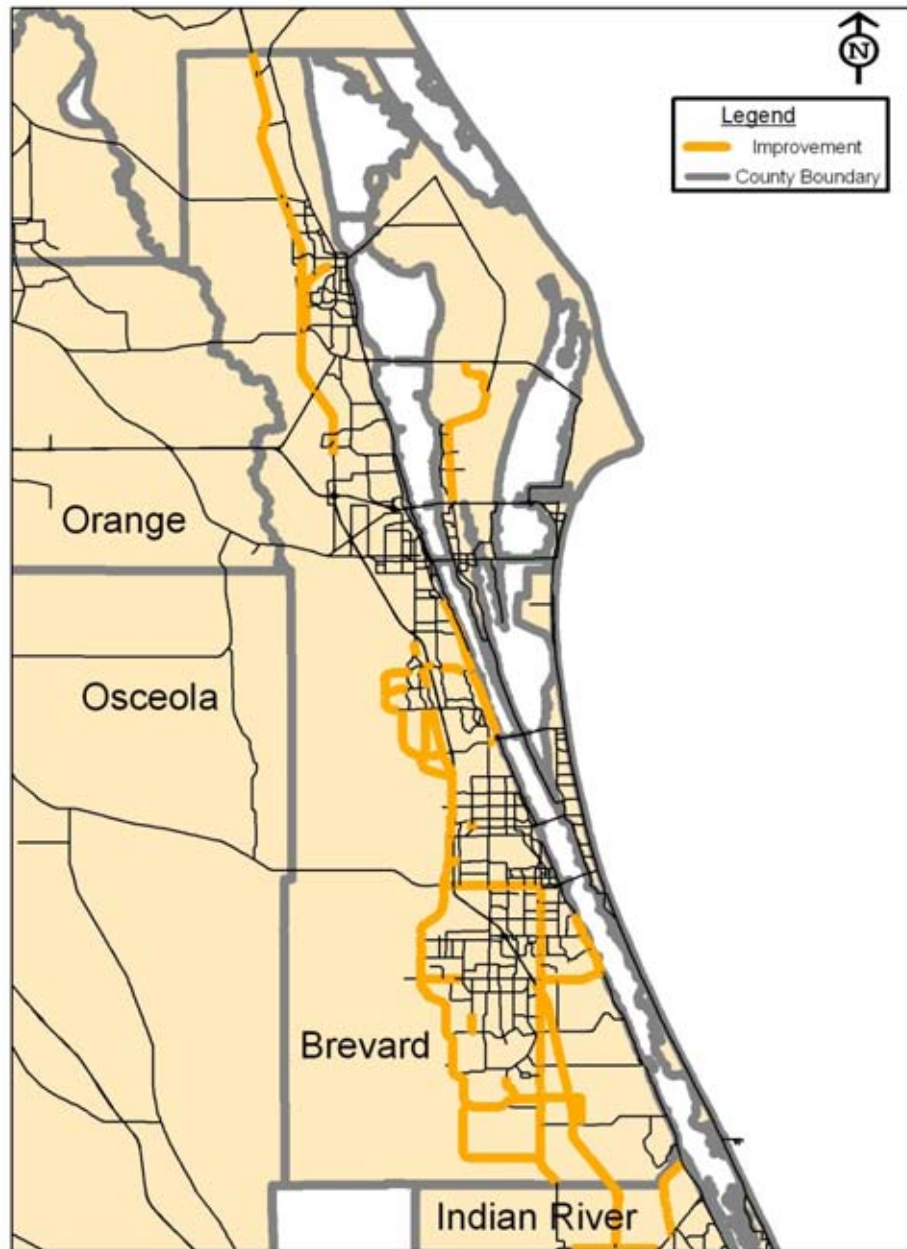
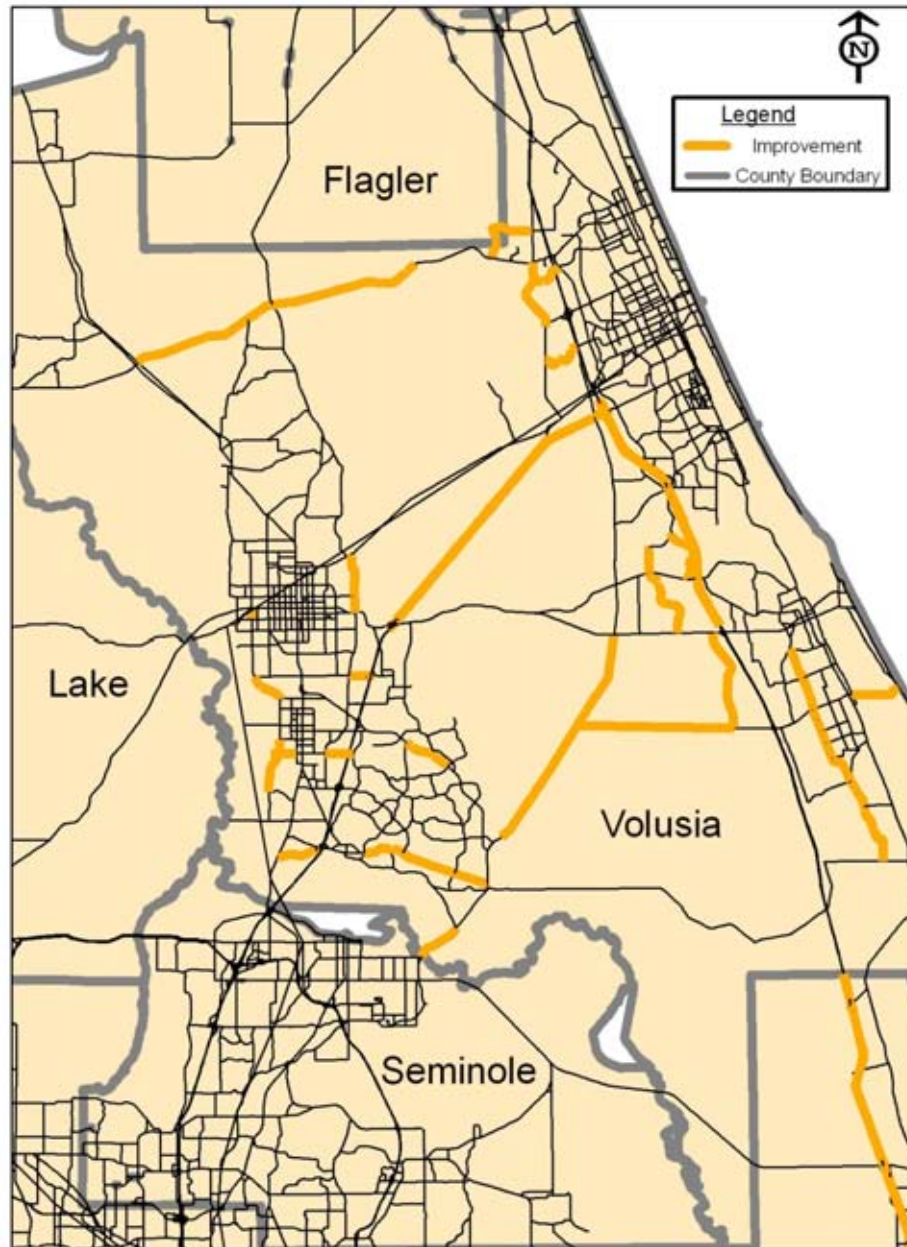
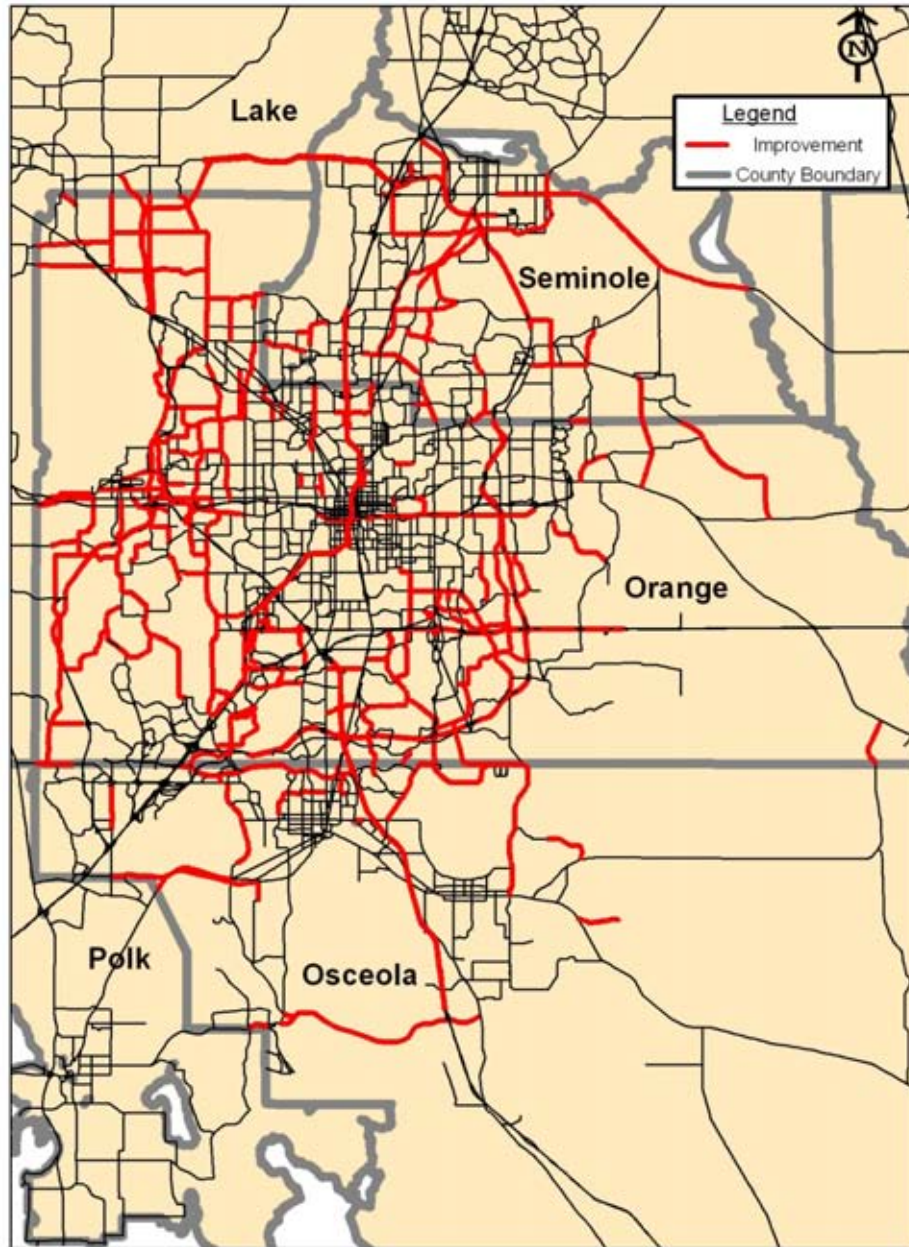


Figure 22 – CFRPM 5.0 Alternative 2 Transportation Improvements – Volusia TPO



**Figure 23 – CFRPM 5.0 Alternative 2 Transportation Improvements – METROPLAN
ORLANDO**



4.3 Performance Measures

Following the identification of the performance results for the Alternative 1 projects, the MPOs revised the project lists and developed new combinations of projects to be analyzed as the Alternative 2 network. The performance of the Alternative 2 network compared to the E+C network performance is presented in Table 34 for the districtwide model area.

Based on the results provided in Table 34, with the addition of 15.3% (3,043) more lane miles in Alternative 2 than in the E+C network, the vehicle miles traveled increase by 0.7%. In addition, the total delay due to congestion shows a significant decrease of 47.1% as compared to the E+C Alternative. Similar to Alternative 1, Alternative 2 shows a positive overall effect to the entire region as compared to the E+C Alternative.

The additional ridership on the region's transit system is shown in Table 35. In this table, the ridership on the expanded Alternative 2 transit system, including the Lake County transit system, is compared to the E+C ridership. Similar to Alternative 1, the impact of the new Commuter Rail service is apparent in the increase in ridership on the LYNX and Votran systems.

Following the presentation of the tables, Figure 24 provides a graphical representation of the volume to capacity ratio on the Alternative 2 network for all MPOs. The graphics depict that although delay has decreased, many of the roadways would still be operating at an unacceptable level of service.

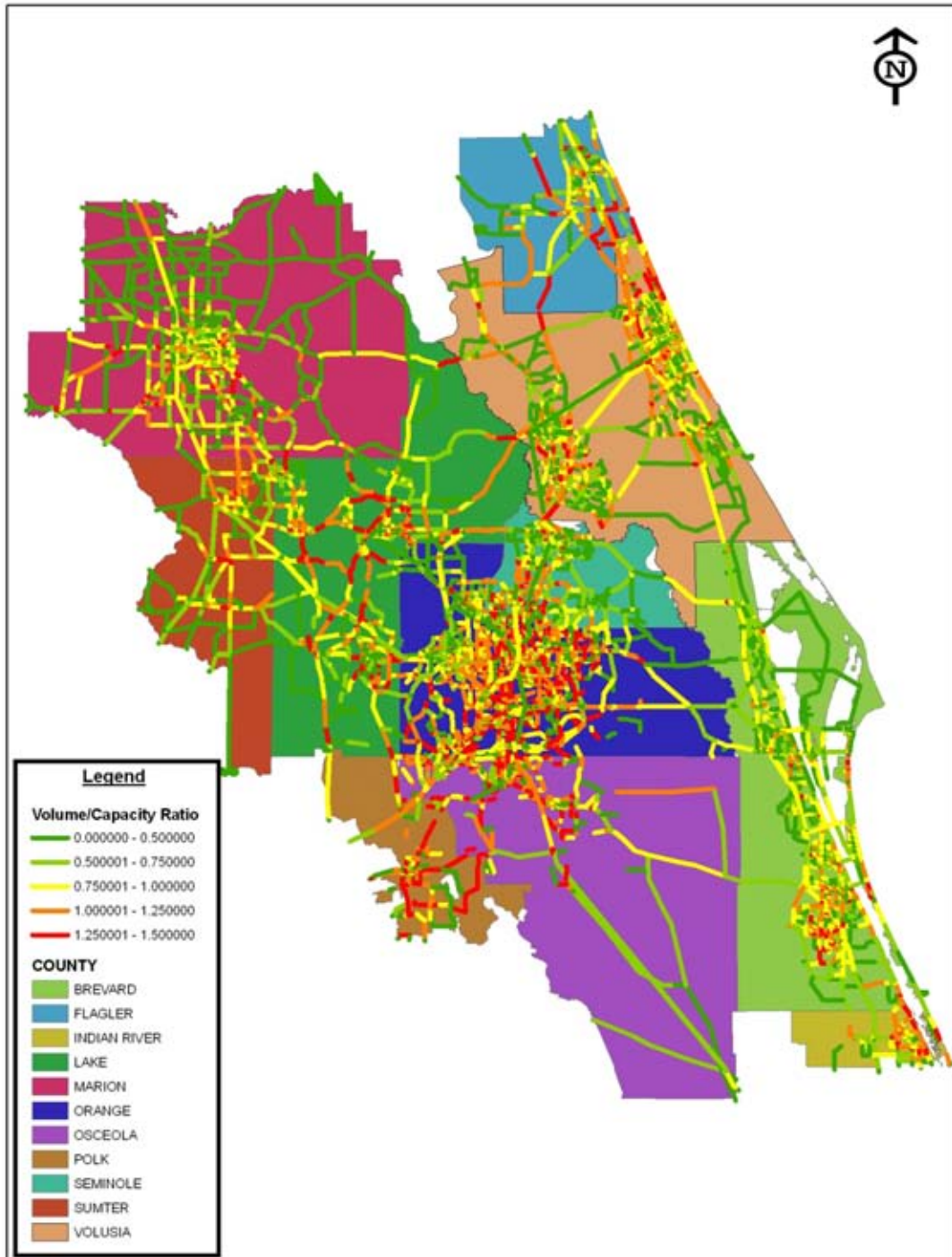
Table 34 – CFRPM 5.0 Alternative 2 Performance Measures

Performance Measures	2013 E+C	2035 Alt 2	%Change
Total Number of Links	17,233	17,980	4.33%
Total System Miles	7,604.87	8,058.02	5.96%
Total Lane Miles	19,842.09	22,885.57	15.34%
Total Directional Miles	13,591.08	14,371.99	5.75%
Total VMT Using Volumes	197,970,927	196,585,622	-0.70%
Total VMT Using Capacity	208,578,811	247,331,403	18.58%
Total VMT V/C	0.95	0.79	-16.84%
Total VHT Using Volumes	10,816,103	7,621,396	-29.54%
Total VHT Using Capacity	8,475,985	7,515,607	-11.33%
Total VHT V/C	1.28	1.01	-21.09%
Total Volumes All Links	430,062,444	425,027,223	-1.17%
Average Total Time	24,956	23,639.00	-5.28%
Total VMT All Links	197,970,927	196,585,622	-0.70%
Total VHT All Links	10,816,103	7,621,396	-29.54%
Total Original Speed (MPH)	38.91	39.05	0.36%
Total Congested Speed (MPH)	28.37	31.71	11.77%
Total Accidents	1,828.07	1,727.30	-5.51%
Total injuries	309.87	297.05	-4.14%
Total Fatalities	4.59	4.47	-2.61%
Total CO Emissions (Kilograms)	2,533,062	2,248,111	-11.25%
Total HC Emissions (Kilograms)	302,216	275,896	-8.71%
Total NO Emissions (Kilograms)	264,657	274,756	3.82%
Total Fuel Use	16,866,855	17,000,349	0.79%
Total Accident Cost (Dollars)	721,959	693,115	-4.00%
Total Users Cost (Dollars)	26,021,441	26,460,159	1.69%
Total Maintenance Cost (Dollars)	94,524,169,051	96,767,341,301	2.37%
Total Delay Due to Congestion (Vehicle-Hours)	6,637,020	3,508,305	-47.14%

Table 35– CFRPM 5.0 Alternative 2 Transit Ridership

CFRPMv5.0 Transit Operator	Description	Transit Ridership 2035 E+C	Transit Ridership 2035 Alternative 2	% Change
1	LYNX	115,369	256,723	55%
11	VOTRAN	9,096	20,585	56%
21	Space Coast Service	5,724	12,076	53%
31	SunTran Service	1,475	1,866	21%
41	Lake County Transit Service	-	2,401	-

Figure 24 – CFRPM 5.0 Alternative 2 Volume to Capacity Plot



5.0 Cost Feasible Alternative

The Cost Feasible network identifies those projects necessary to enhance the system that can be completed within the allotted funding provided in each region. The Cost Feasible Alternative is a combination of the three previous alternatives. Its network comprises the E+C Alternative projects and the best combination of highway and transit projects from Alternative 1 and Alternative 2. Each MPO then applied financial constraints due to funding realities to its needs project list to develop their cost feasible project lists. These cost feasible transportation projects, both highway and transit, are then included to create a Cost Feasible network for the Central Florida region.

A comparison of the 2035 land use that was used as an input for this alternative and the 2005 base year land use is described in Section 5.1. The Cost Feasible projects are identified in Section 5.2 and the performance measures for the alternative are shown in Section 5.3.

5.1 Land Use Comparison

The preferred 2035 land use dataset was utilized in the Cost Feasible Alternative. The final 2035 CFRPM 5.0 socioeconomic dataset used in this alternative is compared to the 2005 base year dataset below in Tables 36 and 37. Table 36 shows a comparison of the residential land use by county for 2005 and 2035. Table 37 shows a similar comparison of the employment land use by county for the same years.

Table 36 – CFRPM 5.0 Residential Land Use Comparison

County	Single Family Dwelling Units			Single Family Population			Multi-Family Dwelling Units			Multi-Family Population			Hotel Rooms		
	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change
Seminole	113,173	128,598	13.6%	318,878	352,204	10.5%	59,577	80,226	34.7%	103,752	145,911	40.6%	5,098	8,098	58.8%
Orange	275,657	427,395	55.0%	729,891	1,135,230	55.5%	164,323	367,039	123.4%	322,588	751,275	132.9%	98,083	164,318	67.5%
Osceola	80,798	164,217	103.2%	201,857	463,200	129.5%	22,315	105,398	372.3%	41,644	260,057	524.5%	35,222	62,975	78.8%
Lake	113,473	198,231	74.7%	238,897	417,720	74.9%	15,055	52,907	251.4%	24,745	86,860	251.0%	3,610	5,337	47.8%
Volusia	175,001	228,344	30.5%	395,039	542,441	37.3%	59,910	94,774	58.2%	99,592	150,322	50.9%	21,368	24,597	15.1%
Brevard	191,599	275,445	43.8%	440,543	634,839	44.1%	55,710	82,539	48.2%	86,377	137,152	58.8%	9,093	13,548	49.0%
Marion	124,728	210,671	68.9%	272,294	461,511	69.5%	18,608	28,171	51.4%	33,367	51,905	55.6%	6,447	9,212	42.9%
Sumter	28,513	89,367	213.4%	64,727	211,683	227.0%	752	8,793	1069.3%	1,720	20,253	1077.5%	612	1,876	206.5%
Flagler	34,628	93,691	170.6%	72,332	188,722	160.9%	4,869	17,796	265.5%	9,737	32,523	234.0%	681	998	46.6%
Polk	22,278	48,268	116.7%	49,134	114,127	132.3%	20,806	38,143	83.3%	31,024	60,858	96.2%	1,455	3,125	114.8%

Table 37 – CFRPM 5.0 Employment Land Use Comparison

County	Industrial Employment			Commercial Employment			Service Employment			Total Employment		
	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change	2005	2035	% Change
Seminole	34,917	81,055	132.1%	56,760	103,823	82.9%	122,811	193,720	57.7%	214,488	378,598	76.5%
Orange	94,210	131,045	39.1%	168,417	322,337	91.4%	544,730	1,053,412	93.4%	807,357	1,506,794	86.6%
Osceola	9,604	13,012	35.5%	22,118	39,837	80.1%	45,697	92,086	101.5%	77,419	144,935	87.2%
Lake	19,808	38,776	95.8%	24,283	48,528	99.8%	57,493	108,500	88.7%	101,591	195,804	92.7%
Volusia	30,772	43,338	40.8%	47,268	66,288	40.2%	118,746	156,443	31.7%	196,754	266,069	35.2%
Brevard	60,761	75,579	24.4%	54,209	86,736	60.0%	162,616	223,590	37.5%	277,596	385,905	39.0%
Marion	27,552	35,505	28.9%	28,444	45,379	59.5%	63,143	117,885	86.7%	119,137	198,769	66.8%
Sumter	3,504	16,925	383.0%	3,256	26,640	718.2%	8,523	44,616	423.5%	15,281	88,181	477.1%
Flagler	3,398	9,225	171.5%	6,528	18,017	176.0%	12,369	33,584	171.5%	22,297	60,826	172.8%
Polk	4,694	8,077	72.1%	5,536	12,766	130.6%	11,936	20,343	70.4%	22,166	41,186	85.8%

5.2 Cost Feasible Network

Documented in Tables 38 through 44 are the lists of highway and transit projects provided by the MPOs for use in the development of the Cost Feasible Alternative model. In the case of METROPLAN ORLANDO, Flagler County and Sumter County, their project lists are the same as those found in Alternative 1 and Alternative 2. Year 2035 project lists for Flagler County and Sumter County were developed through coordination with both County staff and FDOT staff. The tables are presented by MPO and are followed with a graphical representation (Figures 25 through 30) of each project.

The CF Alternative transit system improvements for LYNX, SpaceCoast, SunTran and Votran are the same as those in Alternative 2. Also, like Alternative 2, the CF Alternative also includes the new Lake County transit system.

Table 38 – CFRPM 5.0 Cost Feasible Transportation Improvements – Flagler County

Roadway Project	From	To	Improvement
Belle Terre Pkwy	Palm Coast Pkwy	Pine Lakes Pkwy	Widen to 6 Lanes
Belle Terre Pkwy	Palm Coast Pkwy	Matanzas Woods Pkwy	Widen to 4 Lanes
Flagler Central Commerce Pkwy	SR 100	US 1	New 2 Lane Roadway
Grand Reserve Blvd/Travis Walker Trail	SR 100	US 1	New 2 Lane Roadway
Matanzas Woods Pkwy	I-95	-	New Interchange
Matanzas Woods Pkwy	US 1	Old Kings Rd	Widen to 4 Lanes
Old Kings Rd	Farragut	Forest Grove	Widen to 4 Lanes

Table 39 – CFRPM 5.0 Cost Feasible Transportation Improvements – Lake-Sumter MPO

Roadway Project	From	To	Improvement
Citrus Grove Blvd	US 27	N. Hancock / FL Tpike	Widen to 4 Lanes
Clermont Interchange	SR 50/US 27	-	New Interchange
CR 466A	Morse Blvd	US 27	Widen to 4 Lanes
CR 466A	US 301	C 139 / C 462	Widen to 4 Lanes
CR 468	Florida Turnpike	SR 44	Widen to 4 Lanes
CR 468 Interchange	Florida Turnpike/CR 468	-	New Interchange
CR 470	SR 93/I-75	Lake County	Widen to 4 Lanes
CR 470	Sumter County	CR 33	Widen to 4 Lanes
CR 475 Interchange (CR 466)	I-75/CR 475	-	New Interchange
CR 48	East of US 27 (Palatlahaha Bridge)	CR 33	Widen to 4 Lanes
CR 561	CR 455	Florida Turnpike/ CR 561A	Widen to 4 Lanes
CR 561	SR 19	CR 448	Widen to 4 Lanes
CR 561 / CR 561A Realignment	CR 50	CR 561	New 4 Lane Roadway
Hartwood Marsh	US 27	Hancock Rd	Widen to 4 Lanes
Minneola Interchange	Florida Turnpike/Turkey Farm Rd	-	New Interchange
Morse Blvd	CR 466	US 27	Widen to 4 Lanes
North Hancock Extension	SR 91 / FL Tpike	CR 50	Widen to 4 Lanes

Table 39 – CFRPM 5.0 Cost Feasible Transportation Improvements – Lake-Sumter MPO (continued)

Roadway Project	From	To	Improvement
Rolling Acres Rd	US 27/US 441	CR 466	Widen to 4 Lanes
SR 44	Orange Ave	US 441	Widen to 4 Lanes
SR 46	US 441	Orange County Line (connection to SR	Widen to 6 Lanes
SR 48	I-75	CR 475	Widen to 4 Lanes
US 27/US 441	Avenida Central	Lake Ella Rd	Widen to 6 Lanes
US 27/US 441	Lake Ella Rd	MLK JR Blvd	Widen to 6 Lanes
US 27/US 441/SR 500	County Line	Buenos Aires Blvd	Widen to 6 Lanes
US 441/SR 500	Perkins St	SR 44	Widen to 6 Lanes
Wekiva Pkwy (SR 429 / SR 46)	Seminole County Line	Orange County Line	New 4 Lane Roadway

Table 40 – CFRPM 5.0 Cost Feasible Transportation Improvements – Ocala-Marion TPO

Roadway Project	From	To	Improvement
CR 25	SR 35	SE 110th Street Rd	Widen to 4 Lanes
CR 25	SE 110th Street Rd	SE 108th Terrace Rd	Widen to 4 Lanes
CR 484	SR 200	SW 49th Avenue	Widen to 4 Lanes
CR 484	SW 49th Avenue	I-75	Widen to 6 Lanes
Emerald Road Extension	SE 92nd Place Loop	Florida Northern RR	New 2 Lane Roadway
NE/SE 36th Avenue	NE 14th Street	NE 35th Street	Widen to 4 Lanes
NW 35th Street Extension	NW 44th Avenue	NW 27th Avenue	New 4 Lane Roadway
NW/NE 35th Street	CR 200A	NE 36th Avenue	Widen to 4 Lanes
NW/NE 35th Street	SW 27th Avenue	US 441	Widen to 4 Lanes
NW/NE 35th Street	US 441	CR 200A	Widen to 4 Lanes
NW/SW 27th Avenue	US 27	NE 35th Street	Widen to 4 Lanes
SE 92nd Loop	US 441	CR 25	New 4 Lane Roadway
SE 92nd Loop	CR 25	SR 35	New 4 Lane Roadway
SE 92nd Place Road	US 441	SR 35	Widen to 4 Lanes
SE/NE 25th Avenue	NE 14th Street	NE 35th Street	Widen to 4 Lanes
SR 326	US 441	CR 200A	Widen to 4 Lanes
SR 326	CR 200A	NE 36th Avenue	Widen to 4 Lanes
SR 35	SE 92nd Place Rd	SR 464	Widen to 4 Lanes

Table 40– CFRPM 5.0 Cost Feasible Transportation Improvements – Ocala-Marion TPO (continued)

Roadway Project	From	To	Improvement
SR 40	SW 60th Avenue	I-75	Widen to 6 Lanes
SR 40	I-75	SW 27th Avenue	Widen to 6 Lanes
SW 20th Street	I-75	SR 200	Widen to 4 Lanes
SW 38th Street	SW 80th Avenue	SW 60th Avenue	Widen to 4 Lanes
SW 38th Street	SW 60th Avenue	SW 44th Avenue	Widen to 4 Lanes
SW 49th Avenue	CR 484	SW 95th Street	Widen to 4 Lanes
SW 49th Avenue	SW 95th Street	SW 42nd Street	New 4 Lane Roadway
SW 95th Street	Interchange at I-75		New Interchange
SW 95th Street	SW 60th Avenue	I-75	Widen to 4 Lanes
SW/NW 80th Avenue	SR 200	SR 40	Widen to 4 Lanes
US 27	NW 44th Avenue	I-75	Widen to 6 Lanes
US 27	I-75	NW 27th Avenue	Widen to 6 Lanes
US 301 - South	CR 42	SE 144th Place Rd	Widen to 4 Lanes
US 41	SW 111th Place Ln	SR 40	Widen to 4 Lanes

Table 41 – CFRPM 5.0 Cost Feasible Transportation Improvements – Space Coast TPO

Roadway Project	From	To	Improvement
Babcock St	Malabar Rd	Indian River C/L	Widen to 4 Lanes
Culver Dr	Emerson Dr	Palm Bay Rd	Widen to 4 Lanes
Ellis Blvd	John Rodes Blvd	Wickham Rd	Widen to 4 Lanes
Fellsmere Connector	San Fillippo Dr.	SR 512 (Indian River County)	New 4 Lane Roadway
Garvey Rd	Garbelmann Rd	Bombardier Rd	New 2 Lane Roadway
Hollywood Blvd.	US 192	Palm Bay Rd	Widen to 4 Lanes
I-95	Malabar Rd	Indian River County	Widen to 6 Lanes
I-95	Volusia County	SR 406	Widen to 6 Lanes
Malabar Rd	Babcock St	US 1	Widen to 4 Lanes
Pirate Ln	Babcock St	Lipscomb St	Widen to 4 Lanes

Table 41 – CFRPM 5.0 Cost Feasible Transportation Improvements – Space Coast TPO (continued)

Roadway Project	From	To	Improvement
Powerline Rd	Minton Rd	Hollywood Dr.	New 2 Lane Roadway
Powerline Rd	St Johns Heritage Parkway	Minton Rd	New 2 Lane Roadway
South St (SR 405)	Existing 4 lane section	State Road 50	Widen to 4 Lanes
SR 524	I-95 Interchange (South)	SR 528	Widen to 4 Lanes
St. Johns Heritage Parkway	Babcock St	I-95 Interchange (South)	New 4 Lane Roadway
St. Johns Heritage Parkway	Bombardier Rd	Babcock St	New 4 Lane Roadway
St. Johns Heritage Parkway	I-95 Interchange (South)	Micco Rd	New 4 Lane Roadway
St. Johns Heritage Parkway	John rodes Blvd	US 192	New 4 Lane Roadway
St. Johns Heritage Parkway	Malabar Rd	Bombardier Rd	New 4 Lane Roadway
St. Johns Heritage Parkway	US 192	Malabar Rd	New 4 Lane Roadway
St. Johns Heritage Parkway Interchange (North)	at- I-95 / Ellis Rd	-	New Interchange
St. Johns Heritage Parkway Interchange (South)	at I- 95 (north of Micco Rd)	-	New Interchange
Stadium Parkway	Fiske Blvd	Viera Blvd	Widen to 4 Lanes
Turtle Mound Rd Ext	Aurora Rd	Eau Gallie Blvd	New 2 Lane Roadway
US 1	Eyster Blvd	Pineda Causeway	Widen Road (4 to 6 lanes)
US 192	St Johns Heritage Parkway	Babcock St	Widen Road (4 to 6 lanes)
Viera Blvd.	Hérons Landing	Schenck Rd	Widen to 4 Lanes
Viera Blvd. Interchange	at- I-95 / Viera Blvd	-	New Interchange
Washingtonia Ext	Wickham Rd	St. Johns Heritage Parkway	New 2 Lane Roadway

Table 42 – CFRPM 5.0 Cost Feasible Transportation Improvements – Volusia TPO

Roadway Project	From	To	Improvement
Airport Road	Hunters Ridge Dr	SR 40 (in Flagler Cty)	Extend Road
Airport Road	Sabal Creek	Creekside Middle	Widen to 4 Lanes
Airport Road	Creekside Middle	Pioneer Trail	Widen to 4 Lanes
Beresford Ave	Kepler Rd	SR 44	Extend Road
Colony Park Road	Current terminus (SR 44)	Pioneer Trl.	Extend as 2 Lane Roadway
Dirksen Drive	US 17/92	I-4	Widen to 4 Lanes
Doyle Road	Providence Blvd	SR 415	Widen to 4 Lanes

Table 42– CFRPM 5.0 Cost Feasible Transportation Improvements – Volusia County TPO (continued)

Roadway Project	From	To	Improvement
Dunn Ave	Williamson Blvd	Clyde Morris Blvd	Widen to 4 Lanes
Dunn Ave Extension	Tomoka Farms Rd	LPGA Blvd	Extend Road
Graves Ave	Veterans Memorial Pkwy	SR 472	Widen to 4 Lanes
Hand Ave	Williamson	Nova Road	Widen to 4 Lanes
Hand Ave ext	Williamson Blvd	proposed Tymber Creek Rd	Extend Road
Howland Blvd	Providence Blvd	Elkcam Blvd	Widen to 4 Lanes
I-4	SR 44	I-95	Widen to 6 Lanes
I-4	I-95	US 92	New Systems Interchange
I-95	SR 421	-	New Interchange
I-95	SR 400 (Beville Road)	SR 44	Widen to 6 Lanes
I-95	US-1 (Ormond Crossings)	-	New Interchange
LPGA Blvd	SR5A/Nova Rd	US 1	Widen to 4 Lanes
Madeline Ave	Williamson Blvd	Tomoka Farms Road	Extend Road w/ Bridge Over I-95
Madeline Ave	Sauls	US-1	Extend as 2 Lane Roadway
Madeline Ave	Williamson Blvd	Clyde Morris Blvd	Widen to 4 Lanes
Plymouth Ave	SR 15A	US 17-92	Widen to 3 Lanes
Providence Blvd	Howland Blvd	Fort Smith Blvd	Widen to 4 Lanes
Providence Blvd	Tivoli Drive	Doyle Road	Widen to 4 Lanes
Rhode Island Ext with I-4 overpass	Veterans Memorial Pkwy	Normandy Blvd	Extend as 2 Lane Roadway
Saxon Blvd	Enterprise Rd	I-4	Widen to 6 Lanes
Saxon Blvd Extension	Rail Station	Westside Parkway	Extend Road
Saxon Blvd Extension	Westside Parkway	US 17/92	Extend Road
Southeast Volusia N-S Connector Road	Old Mission (@ Josephine)	Volco Rd	New Roadway
SR 40	I-95	Tymber Creek Road	Widen to 6 Lanes
SR 40	Cone Road	SR 11	Widen to 4 Lanes
SR 40	SR 11	SR 17	Widen to 4 Lanes
SR 40	SR 17	Astor - St Johns River Bridge	Widen to 4 Lanes
SR 415	Reed Ellis Road	Seminole County Line	Widen to 4 Lanes
SR 44	Voorhis Ave	Kepler Road	Widen to 4 Lanes
SR 472	Graves Ave.	Kentucky/MLK Blvd.	Widen to 6 Lanes
SR 483 - Clyde Morris Blvd	Beville Road	US 92	Widen to 6 Lanes
Taylor Road	Summertrees	Forest Preserve Blvd	Widen to 4 Lanes

Table 42 – CFRPM 5.0 Cost Feasible Transportation Improvements – Volusia County TPO (continued)

Roadway Project	From	To	Improvement
Tymber Creek	Peruvian	Airport	Widen to 4 Lanes
Tymber Creek Road	SR 40	LPGA Blvd	Extend as 2 Lane Roadway
US 17	SR 40	Ponce DeLeon Blvd.	Widen to 4 Lanes
US 92	I-4	CR 415 (Tomoka Farms Rd)	Widen to 6 Lanes
Westside Beltway/Kentucky Ave	Graves	SR 472	Widen to 4 Lanes
Westside Beltway/Kepler Rd	SR 44	US 92	Widen to 4 Lanes
Westside Beltway/Kepler Rd	SR 44	Orange Camp Rd	Extend Road
Westside Beltway/Martin Luther King	Orange Camp Rd	SR 472	Widen to 4 Lanes
Westside Beltway/VMP	VMP	Kentucky Realignment	Realign Existing Roadway
Westside Beltway/VMP	Graves	Harley Strickland	Widen to 4 Lanes
Westside Pkwy	Rhode Island Ext	Donald Smith Blvd terminus	Extend Road
Westside Pkwy	French Av	Rhode Island Ave Extension	Extend Road
Westside Pkwy	McGregor Rd	Hamilton Av	Extend Road
Williamson Blvd	Beville Road	Pavilion DRI	Widen to 4 Lanes
Williamson Blvd	LPGA Blvd	Hand Ave	Widen to 4 Lanes
Williamson Blvd	Airport Rd	Pioneer Trail	Extend as 4 Lane Roadway
Williamson Blvd	Pioneer Trail	SR 44	Extend as 2 Lane Roadway
Williamson Blvd	SR 44	SR 442	Extend Road

**Table 43 – CFRPM 5.0 Cost Feasible Transportation Improvements – METROPLAN
ORLANDO**

Roadway Project	Improvement
A.D. Mims Rd (Clarke Rd to Apopka-Vineland Rd)	Widen to 4 Lanes
A.D. Mims Rd (Wirst Rd to Clarke Rd)	Widen to 4 Lanes
Airport Blvd. (US 17-92 to Mellonville Ave)	Widen to 4 Lanes
Airport Blvd. Extension (SR 46 to C-15/Monroe Rd)	New 4 Lane Roadway
Alafaya Tr (Curry Ford Rd to Avalon Park Blvd)	Widen to 6 Lanes
Alden Road (Orange Ave to Rollins St)	New 2 Lane Roadway
All American Blvd. (Clarcona Ocoee Rd. to Forest City Rd.)	Realignment + New 4 Lane Roadway
Andes Avenue (Lake Underhill Rd to Fairgreen St.)	New 2 Lane Roadway
Apopka Vineland Rd/CR 435 (Fenton Rd to Darlene Rd)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (Balboa Dr to SR 438/Silver Star Rd.)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (Conroy-Windermere Rd to Old Winter Garden Rd)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (Sand Lake Rd to Conroy-Windermere Rd)	Widen to 6 Lanes
Apopka/Vineland Rd/CR 435 (SR 50/Colonial Dr to Balboa Dr)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (A.D. Mims Rd to Clarcona Ocoee Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (Darlene Rd to Kilgore Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (Kilgore Rd to Sandlake Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (SR 438/Silver Star Rd to A.D. Mims Rd)	Widen to 6 Lanes
Apopka-Vineland Rd/CR 435 (Wintergarden-Vineland Rd to Fenton Rd)	Widen to 6 Lanes
Augusta National Drive (Bent Pne De. To Hoffner Ave.)	New 2 Lane Roadway
Avalon Rd (CR 545) (McKinney Rd to Tilden Rd)	Widen to 4 Lanes
Avalon Rd (CR 545) (Seidel Rd to McKinney Rd)	Widen to 4 Lanes
Avalon Rd (CR 545) (Siplin Rd to SR 50/Colonial Dr)	Widen to 4 Lanes
Avalon Rd (CR 545) (SR 50/Colonial Dr to Oakland Ave)	Widen to 4 Lanes
Avalon Rd (CR 545) (Tilden Rd to Siplin Rd)	Widen to 4 Lanes
Avalon Rd (CR 545) (US 192 to Seidel Rd)	Widen to 4 Lanes
Beulah Rd (Marshall Farms Rd to SR 50/Colonial Dr)	Widen to 4 Lanes
Bill Beck Blvd. (Kissimmee Charter School to Osceola Pkwy.)	New 2 Lane Roadway
Binion Rd (Boy Scout Rd to Lust Rd)	Widen to 4 Lanes
Binion Rd (Ocoee-Apopka Rd to Boy Scout Rd)	Widen to 6 Lanes
Bluford Ave (Geneva St to Orlando Ave)	Widen to 3 Lanes
Bluford Ave (McKey St to SR 438/Silver Star Rd)	Widen to 3 Lanes
Bluford Ave (Orlando Ave to McKey St)	Widen to 3 Lanes
Bluford Ave (SR 50/Colonial Dr to Geneva St)	Widen to 3 Lanes
Boggy Creek DRI Rd F (Osceola Co. Line to Wyndham Lakes Blvd)	New 4 Lane Roadway
Boggy Creek Rd (Dowden Rd to Landstreet Rd)	Widen to 6 Lanes
Boggy Creek Rd (Osceola co Line to SR 417/Greenway)	Widen to 6 Lanes
Boggy Creek Rd (SIS Connector) (Landstreet Rd to Sand Lake Rd)	Widen to 6 Lanes
Boggy Creek Rd (SR 417/Greenway to Wetherbee Rd)	Widen to 6 Lanes
Boggy Creek Rd (Tradeport to Dowden Rd)	Widen to 6 Lanes
Boggy Creek Rd (Wetherbee Rd to Tadeport Dr)	Widen to 6 Lanes
Boggy Creek Rd/CR 530 (Buenaventura Blvd to Osceola Pkwy)	Widen to 6 Lanes
Boggy Creek Rd/CR 530 (Fortune Rd to Buenaventura Blvd)	Widen to 6 Lanes
Boggy Creek Rd/CR 530 (Orange Co. Line to Narcoossee Rd)	Widen to 4 Lanes
Boggy Creek Rd/CR 530 (Osceola Pkwy to Orange Co. Line)	Widen to 6 Lanes
Boggy Creek Road (Hilliard Isle to Osceola Pkwy)	Widen to 4 Lanes
Boggy Creek Road (Jetport Dr. to SR 417)	Widen to 4 Lanes
Boggy Creek Road (Osceola County Line to SR 417)	Widen to 4 Lanes
Boggy Creek Road (Osceola Parkway to E. Boggy Creek Rd)	Widen to 4 Lanes
Boone Avenue (Anderson St. to Lucerne Terrace)	New 2 Lane Roadway
Bowness Rd (Ocoee) (S Kissimmee Ave to Franklin St)	Widen to 4 Lanes
Bowness Rd/Kissimmee Ave (Ocoee) (Story Rd to S Kissimmee Ave)	Widen to 4 Lanes

**Table 43 – CFRPM 5.0 Cost Feasible Transportation Improvements – METROPLAN
 ORLANDO (continued)**

Roadway Project	Improvement
Brengle Av (New Hampshire St to WD Judge Rd)	New 2 Lane Roadway
Buenaventura Boulevard (Buttonwood Rd. to Orange County Line)	Widen to 6 Lanes
Canadian Court Ext. (International Dr. To John Young Pkwy.)	New 4 Lane Roadway
Carrier Drive (Grand National Dr to Universal Blvd.)	Widen to 4 Lanes
Carroll St (Columbia Ave/North Kissimmee MMTD to Thacker Ave)	Widen to 6 Lanes
Carroll St (John Young Parkway to US 441)	Widen to 4 Lanes
Carroll St (John Young Pkwy to US 441/Orange Blossom Trail)	Widen to 6 Lanes
Carroll St (Thacker Ave to John Young Parkway)	Widen to 6 Lanes
Carroll St (US 441/Orange Blossom Trail to Old Dixie Hwy)	Widen to 4 Lanes
Carroll Street (Old Dixie Hwy to Michigan Ave)	Widen to 5 Lanes
Central FL Pkwy (International Dr. to SR 423/John Young Parkway)	Widen to 6 Lanes
Central FL Pkwy (Turkey Lake Rd to International Dr)	Widen to 4 Lanes
Chickasaw Tr/Vista Park Blvd (0.5 miles N of Lee Vist Blvd to Cascade Dr)	Widen to 4 Lanes
Chickasaw Trail (Cascade Dr to Curry Ford Rd)	Widen to 4 Lanes
Citrus Oaks Ave (SR 50 /Colonia Dr to Old Winter Garden Rd)	Widen to 4 Lanes
Clarcona Rd (Clarcona-Ocoee Rd to Gilliam Rd)	Widen to 5 Lanes
Clarcona Rd (Clarke Rd to Apopka-Vineland Rd)	Widen to 6 Lanes
Clarcona Rd (Gilliam Rd to Keene St)	Widen to 6 Lanes
Clarcona Rd (Keene St to Cleveland St)	Widen to 6 Lanes
Clarcona-Ocoee Rd (Adair St to Clarke Rd)	Widen to 4 Lanes
Clarcona-Ocoee Rd (Apopka-Vineland Rd to Hiawasse Rd)	Widen to 6 Lanes
Clarcona-Ocoee Rd (Fullers Cross Rd to West Rd)	Widen to 4 Lanes
Clarcona-Ocoee Rd (West Rd to Adair St)	Widen to 6 Lanes
Clarke Rd (A.D. Mims Rd to SR 438/Silver Star Rd)	Widen to 6 Lanes
Clarke Rd (Clarcona-Ocoee Rd to Hackney-Prairie Rd)	Widen to 6 Lanes
Clarke Rd (Hackney-Prairie Rd to A.D. Mims Rd)	Widen to 6 Lanes
Clarke Rd (SR 438/Silver Star Rd to White Rd)	Widen to 6 Lanes
Clarke Rd (White Rd to SR 50/Colonial Dr)	Widen to 6 Lanes
Conroy-Windermere Rd (Lake St. to Apopka-Vineland Rd)	Widen to 4 Lanes
Conway Rd (Hoffner Rd to Gaitlin Ave)	Widen to 6 Lanes
Conway Rd (Judge Rd to Hoffner Rd)	Widen to 6 Lanes
Conway Rd (McCoy Rd to Judge Rd)	Widen to 6 Lanes
CR 419 (Chuluota Bypass (Showhill Rd) to Orange County line)	Widen to 4 Lanes
CR 419 (Chuluotta Rd (Lake Pickett Rd to SR 50/Colonial Dr)	Widen to 4 Lanes
CR 419 (Chuluotta Rd) (Seminole Co line to Lake Pickett Rd)	Widen to 4 Lanes
CR 419 (CR 426 to 0.30 miles west of Lockwood Blvd)	Widen to 4 Lanes
CR 427 (Country Home Rd to Lake Mary Blvd)	Widen to 6 Lanes
CR 427 (Longwood-Lake Mary Rd to SR 419)	Widen to 6 Lanes
CR 427 (North St to Seminole Blvd/Dog Track Rd)	Widen to 6 Lanes
CR 427 (Seminole Blvd/Dog Track Rd to SR 434)	Widen to 6 Lanes
CR 427 (SR 419 to US 17-92)	Widen to 6 Lanes
CR 427 (Sr 434 to Longwood-Lake Mary Rd)	Widen to 6 Lanes
CR 427 (SR 436 to North St)	Widen to 6 Lanes
CR 427 (US 17-92 to Country Home Rd)	Widen to 6 Lanes
CR 438A (Kennedy Blvd/Lake Ave) (Keller Rd to Wymore Rd)	Widen to 6 Lanes
CR 438A (Kennedy Blvd/Lake Ave) (Wymore Rd to US 17-92)	Widen to 4 Lanes
CR 46A (International Pkwy to Rinehard Rd)	Widen to 6 Lanes
CR 532 (Nova Rd) (Osceola Co Line to SR 520)	Widen to 4 Lanes
CR 532 (Osceola Polk Line CR 545 to US 17-92)	Widen to 4 Lanes
CR 535 (Winter Garden-Vineland Rd) (Buena Vista Dr to Reams Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Chase Rd to Ficquette Rd/Hancock Rd)	Widen to 6 Lanes

**Table 43 – CFRPM 5.0 Cost Feasible Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
CR 535 (Winter Garden-Vineland Rd) (Ficquette Rd/Hancock Rd to Tilden Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Reams Rd to Chase Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Roper Rd to SR 50/Colonial Dr)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (SR 429 to Roper Rd)	Widen to 6 Lanes
CR 535 (Winter Garden-Vineland Rd) (Tilden Rd to SR 429))	Widen to 6 Lanes
Cypress Parkway (Doverplum Ave to Marigold Ave)	Widen to 6 Lanes
Dean Rd (SR 426 to the Orange County line)	Widen to 4 Lanes
Division Avenue (Gore St to Michigan St)	Widen to 4 Lanes
Donegan Avenue (John Young Parkway to Orange Blossom Trail)	Widen to 5 Lanes
Dowden Rd (4th St) (Orange Ave to Boggy Creek Rd)	Widen to 6 Lanes
Dowden Rd (Greenshire Wy to Pine Lily St)	Widen to 4 Lanes
Dowden Rd (Lake Nona N/S Road to Greenshire Wy)	New 4 Lane Roadway
Dowden Road (Narcoosee Rd. to Greenway)	New 4 Lane Roadway
Dowden Road (Narcoosee Rd. to Greenway)	Widen to 6 Lanes
Econlockhatchee Trail (City limits to Lee Vista Blvd.)	Widen to 4 Lanes
Econlockhatchee Trail (Curry Ford Road to SR 50)	Widen to 4 Lanes
Econlockhatchee Trail (Lee Vista Blvd. to Dowden Rd)	New 4 Lane Roadway
Econlockhatchee Trail (Orlando City Limits to Curry Ford Road)	Widen to 4 Lanes
Eden Drive - Jones Connection (Jones Rd (Narcoosee Rd) to Eden Dr)	New 2 Lane Roadway
Fairgreen Street (Maguire Blvd to Old Cheney Hwy)	New 2 Lane Roadway
Fenton Street (Apopka-Vineland Rd. to Palm Pkwy)	Realignment + New 4 Lane Roadway
Ficquette Rd-Hancock Rd (Lake Hancock rd to 600' W of Overstreet Rd)	Widen to 4 Lanes
Ft. Christmas Rd (Seminole Co Line to SR 50/Colonial Dr)	Widen to 4 Lanes
Fullers Cross Rd (Ocoee-Apopka Rd to Clarcona-Ocoee Rd)	Widen to 6 Lanes
Geneva St (Ocoee) (Bluford Ave to Bowness Rd)	Widen to 4 Lanes
Glenridge Way (Winter Park Rd to Lakemont Ave)	Widen to 4 Lanes
Good Homes Rd (Old Winter Garden Rd to SR 408)	Widen to 6 Lanes
Good Homes Rd (SR 408 to SR 50/Colonial Dr)	Widen to 6 Lanes
Grand National Drive Overpass (Oak Ridge Rd. to E. Half of Caravan Ct.)	New 4 Lane Roadway
Grand National Drive/Greenbrier Pkwy. (Sand Lake Rd. to International Dr.)	Widen to 4 Lanes
Ham Brown Road (US 17-92 to Cypress Shadows)	Widen to 4 Lanes
Hazeltine National Drive (1500' E of TPC Blvd. to Goldenrod Rd.)	New 4 Lane Roadway
Hazeltine National Drive (Goldenrod Rd to Narcoossee Rd.)	New 4 Lane Roadway
Hazeltine National Drive (Narcoossee Rd to Econlockhatchee Tral)	New 4 Lane Roadway
Hempel Ave (Gotha Rd to Old Winter Garden Rd)	Widen to 4 Lanes
Hempel Ave (Windy Ridge Rd to Gotha Rd)	Widen to 4 Lanes
Hiawasse Rd (Beggs Rd to Apopka Blvd))	Widen to 6 Lanes
Hiawasse Rd (Clarcona-Ocoee Rd to Beggs Dr)	Widen to 6 Lanes
Hoagland Blvd/Pleasant Hill Rd (US	Widen to 4 Lanes
Howell Branch Rd (Orange County Line to SR 436)	Widen to 6 Lanes
I-4 (at SR 46)	Intersection Improvement
I-4 (N of Central Pkwy to 1 mile N of SR 434)	Add HOV Lanes
I-4 (N of Kennedy Blvd. to Orange/Seminole Co. line	Add HOV Lanes
I-4 (Orange Seminole Co. line to N of Central Pkwy.)	Add HOV Lanes
I-4 (S of SR 500/US 441 to S of Ivanhoe Blvd.)	Add HOV Lanes
I-4 (S of Ivanhoe Blvd. to N of Kennedy Blvd.)	Add HOV Lanes
I-4 (S of SR 435/Kirkman Rd. to S of SR 500/US 441)	Add HOV Lanes
I-4 (SR 528/Beachmine Expy. To S of SR 435/Kirkman	Add HOV Lanes
Ingram Rd (McCormick to Clarcona-Ocoee Rd)	Widen to 4 Lanes
International Dr (N Hawaiian Ct to Sand Lake Rd)	Widen to 6 Lanes
International Dr (S) (SR 417/Greenway to S. Westwood Blvd.)	Widen to 6 Lanes

**Table 43 – CFRPM 5.0 Cost Feasible Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
International Dr (S) Osceola Co Line to Sr 535/Vineland Rd)	Widen to 8 Lanes
International Dr. (S) (SR 535/Vineland Rd to SR 417/Greeway)	New 6 Lane Roadway
International Drive South (S. Westwood	Widen to 6 Lanes
J Lawson Blvd (Wyndham Lakes Blvd to Boggy Creek Rd)	New 4 Lane Roadway
John Young Parkway (Parnell to Orange County line)	New Interchange
Jones Ave (US 441/Orange Blossom Tr to Lake Co. Line)	Widen to 4 Lanes
Kelly Park Rd (Plymouth-Sorrento Rd to Rock Springs Rd)	Widen to 4 Lanes
Kelly Park Rd (Round Lake Rd to Plymouth-Sorrento Rd)	Widen to 4 Lanes
Lake Bryan Beach Blvd (SR 535/Vineland Rd to Westwood Blvd Ext)	New 4 Lane Roadway
Lake Destiny Dr (N of Lee Rd to S of Kennedy Blvd)	New 2 Lane Roadway
Lake Hancock Rd (Seidel Rd to Reams Rd)	Widen to 4 Lanes
Lake Mary Blvd (County Clud Rd to SR 46)	Widen to 6 Lanes
Lake Mary Blvd (Rinehart Rd to County Clud Rd	Widen to 6 Lanes
Lake Nona E/W Road #2 (Boggy Creek Rd to Lake Nona N/S Rd)	New 4 Lane Roadway
Lake Nona E/W Road (Boggy Creek Rd. to Narcoossee Rd.)	New 4 Lane Roadway
Lake Nona Eastern Road (Lake Nona N/S Road to Narcoossee Rd.)	New 4 Lane Roadway
Lake Nona N/S Road (Lake Nona Bv to Heintzelman Rd)	New 4 Lane Roadway
Lake Nona Southern Connector (Lake Nona E/W Road #2 to Boggy Creek Rd)	New 4 Lane Roadway
Lake Pickett Rd (Percival Rd to S Tanner Rd)	Widen to 4 Lanes
Lake Pickett Rd (SR 50/Colonial Dr. to Percival Rd)	Widen to 4 Lanes
Lake Underhill Road (Chickasaw Tr. To Dean Rd)	Widen to 4 Lanes
Lake Underhill Road (Dean Rd. to Rouse Rd.)	Widen to 4 Lanes
Lake Underhill Road (Goldenrod Rd. to Chickasaw Tr.)	Widen to 4 Lanes
Lakeville Rd (Beggs Rd to Apopka Blvd.)	Widen to 4 Lanes
Lakeville Rd (Clarcona-Ocoee Rd to Beggs Rd)	Widen to 4 Lanes
Landstar Blvd. (Osceola Co Line to SR 417/Greenway)	Widen to 6 Lanes
Landstar Blvd. (SR 417/Greenway to Wetherbee Rd)	Widen to 6 Lanes
Lee Vista Blvd (Semoran Blvd to Narcoossee Rd)	Widen to 6 Lanes
Lee Vista Boulevard (Conway Rd to 1900' W of Semoran Blvd.)	Widen to 4 Lanes
Lee Vista Boulevard (SR 417 to Young Pine Rd.)	New 4 Lane Roadway
Lockwood Blvd (CR 419 to CR 426)	Widen to 4 Lanes
Lucerne Terrace (Sylvia Ln to Miller St.)	Add 2 Additional Lanes
Magnolia Av (Anderson St to Orange Av)	New 2 Lane Roadway
Maguire Bv (Robinson St to Colonial Dr)	Widen to 6 Lanes
Maguire Rd (Gotha Rd to Roberson Rd)	Widen to 4 Lanes
Maguire Rd (Marshall Farms Rd to Story Rd)	Widen to 4 Lanes
Maguire Rd (SR 50/Colonial Dr to Marshall Farms Rd)	Widen to 4 Lanes
Maguire Rd/Main St (1350' S of Lake Butler Blvd to Gotha Rd)	Widen to 4 Lanes
Maitland Ave (US 17-92 to Seminole Co. Line)	Widen to 6 Lanes
Main St (Windermere) (6th Ave to 1350' S of Lake Butler Blvd)	Widen to 4 Lanes
Main St (Windermere) (Chase Rd to 6th Ave)	Widen to 4 Lanes
Marigold Avenue (East Bourne to Cypress Parkway)	Widen to 6 Lanes
Marsh Rd (Lake Co. ine to Avalon Rd)	Widen to 4 Lanes
Marshall Farms Rd (Beulah Rd to Windermere Rd)	Widen to 4 Lanes
Marshall Farms Rd (SR 50/Colonial Dr to Maguire Rd)	Widen to 4 Lanes
McCormick Rd (Ingram Rd to Apopka Vineland Rd)	Widen to 4 Lanes
McCormick Rd (Ocoee-Apopka Rd to Ingram Rd)	Widen to 4 Lanes
McCulloch Rd (Lockwood Blvd to Old Lockwood Rd)	Widen to 4 Lanes
McKinnon Rd (CR 332) (Lake Butler Rd to Windermere Rd)	Widen to 4 Lanes
Metrowest Blvd. (Kirkman Rd. to Mission Rd.)	New 2 Lane Roadway
Michigan Avenue (Carroll St. to Osceola Pkwy.)	Widen to 6 Lanes

**Table 43 – CFRPM 5.0 Cost Feasible Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
Mission Road (Conray Rd to Metrowest Ext.)	New 4 Lane Roadway
Mission Road (Metrowest Blvd. to Old Winter Garden.)	New 2 Lane Roadway
Mission Road (Metrowest Blvd. to Old Winter Garden.)	Widen to 4 Lanes
Mitchell Hammock Rd (SR 434 to Lockwood Blvd)	Widen to 6 Lanes
Mitchell Hammock Road (SR 426 to SR 434)	Widen to 6 Lanes
Mitchell Hammock Road Extension (Lockwood Blvd to CR 419)	New 4 Lane Roadway
Moss Park Road (Lake Hart Rd to Lake Mary Jane Rd)	Widen to 4 Lanes
Moss Park Road Ext. (Moss Park Rd. to Innovation Place)	New 4 Lane Roadway
Mt. Plymouth Rd (Kelly Park Rd to Lake Co. Line)	Widen to 4 Lanes
Narcoossee Road (SR 417 to SR 528)	Widen to 6 Lanes
Narcoossee Road (US 192-441 to Orange County Line)	Widen to 6 Lanes
New Hampshire St (Texas Av to Stanhome Wy)	New 2 Lane Roadway
Oakland Ave (Lake Co Line to Tubb St)	Widen to 4 Lanes
Oakland Ave (Tubb St to Avalon Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (Binion Rd to Harmon Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (Fullers Cross Rd to West Rd)	Widen to 6 Lanes
Ocoee-Apopka Rd (Harmon Rd to Bradshaw Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (McCormick Rd to Binion Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd (SR 438/Silver Star Rd to Fullers Cross Rd)	Widen to 6 Lanes
Ocoee-Apopka Rd (West Rd to McCormick Rd)	Widen to 4 Lanes
Ocoee-Apopka Rd/Michael Gladden Blvd (Bradshaw Rd to Central Ave)	Widen to 4 Lanes
Old Boggy Creek Road (Denn John Rd to Boggy Creek Rd)	Widen to 4 Lanes
Old Dixie Highway (Osceola Pkwy. To Orange County Line)	Widen to 4 Lanes
Old Lake Wilson Road (Livingston Rd. to Sinclair Rd.)	Widen to 4 Lanes
Old Melbourne Hwy (US 192 to Bronco Dr)	Widen to 5 Lanes
Old Tampa Highway (US 17-92 to Poinciana Blvd)	Widen to 4 Lanes
Old US 441 (US 441/Orange Blossom Trail to Lake Co Line)	Widen to 4 Lanes
Old Vineland Rd (US 192 to Princess Hwy)	Widen to 4 Lanes
Old Winter Garden Rd (Apopka-Vineland Rd to Hiawasse Rd)	Widen to 6 Lanes
Old Winter Garden Rd (Blackwood Ave to Hemple Ave)	Widen to 6 Lanes
Old Winter Garden Rd (Citrus Oaks Ave to Good Homes Rd)	Widen to 6 Lanes
Old Winter Garden Rd (Good Homes Rd to Apopka-Vineland Rd)	Widen to 6 Lanes
Old Winter Garden Rd (Hemple Ave to Citrus Oaks Ave)	Widen to 6 Lanes
Old Winter Garden Rd (Professional Pkwy to Blackwood Ave)	Widen to 6 Lanes
Orangewood Blvd. (SR 528/Beachline to Central Florida Pkwy)	Widen to 6 Lanes
Orlando Ave (Ocoee) (Bluford Ave to Montgomery Ave)	Widen to 4 Lanes
Osceola Pkwy (Interstate 4 to SR 417/Greenway)	Widen to 8 Lanes
Osceola Pkwy (Orange Blossom Trail to Florida Turnpike)	Widen to 8 Lanes
Osceola Pkwy (Toll) (John Young Parkway to US 441/Orange Blossom Trail)	Widen to 8 Lanes
Osceola Pkwy (Toll) (SR 417/Greenway to SR 535/Wineland Rd)	Widen to 6 Lanes
Osceola Pkwy (Toll) (SR 535/Wineland Rd to John Young Parkway)	Widen to 6 Lanes
Osceola Pkwy Extension (0.25 miles E of Tidewater Rd to SR 417 Ext)	New 4-Lane Limited Access
Osceola Pkwy. (John Young Parkway to Orange Blossom Trail)	Widen to 6 Lanes
Osceola Pkwy/Florida Turnpike	New Interchange
Palm Pkwy/Turkey Lake Rd (Winter Garden-Vineland Rd to Central Florida Pkwy)	Widen to 6 Lanes
Patch Rd (Bent Pine Dr to Hoffner Rd)	Widen to 4 Lanes
Pershing Ave (Bumby Ave to Conway Gardens Rd)	Widen to 4 Lanes
Piedmont-Wekiwa Springs Rd (Apopka Blvd to US 441/Orange Blossom Trl)	Widen to 6 Lanes
Piedmont-Wekiwa Springs Rd (US 441/Orange Blossom Tr to Semoran Blvd)	Widen to 6 Lanes
Pine Hills Rd (Clarcona-Ocoee Rd to Beggs Rd.)	Widen to 6 Lanes
Pine Hills Road (S. Overland Rd to Beggs Rd.)	Realignment

**Table 43 – CFRPM 5.0 Cost Feasible Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
Pine Hills Road Ext. (Apopka Blvd. to US 441)	New 4 Lane Roadway
Pine Hills Road Ext. (Beggs Rd. to Apopka Blvd.)	New 4 Lane Roadway
Pine Street (Hughey Ave to Garland Ave)	New 2 Lane Roadway
Pleasant Hill Rd/Hoagland (US 17-92 to Pershing St.)	Widen to 4 Lanes
Plymouth Sorrento Rd (CR 437) (Kelly Park Rd to Ponkan Rd)	Widen to 4 Lanes
Plymouth Sorrento Rd (CR 437) (Lake Co Line to Kelly Park Rd)	Widen to 4 Lanes
Plymouth Sorrento Rd (CR 437) (Ponkan Rd to US 441/Orange Blossom Trl)	Widen to 4 Lanes
Poinciana Blvd (Crescent Lakes Way to Pleasant Hill Rd)	Widen to 4 Lanes
Poinciana Blvd (US 192 at SR 535)	Add Auxiliary Lanes
Poinciana Blvd (US 192 to one mile north of Old Tampa Hwy)	Widen to 6 Lanes
Poinciana Blvd Extension (Osceola Co. Line to International Dr)	New 6 Lane Roadway
Polynesian Isle Blvd. (US 192 to SR 535)	Widen to 4 Lanes
Ponkan Rd (Plymouth Sorrento Rd to Rock Springs Rd)	Widen to 4 Lanes
Ponkan Rd (US 441/Orange Blossom Trail to Plymouth Sorrento Rd)	Widen to 4 Lanes
Professional Pkwy (Maguire Rd to Old Winter Garden Rd)	Widen to 6 Lanes
Raleigh St (Kirkman Rd to Ivey Ln)	Widen to 3 Lanes
Reams Rd (Lake Hancock Rd to Center Dr)	Widen to 6 Lanes
Reams Rd (Center Dr. to Winter Garden-Vineland Rd)	Widen to 6 Lanes
Reams Road (2500' south of CR 535 to CR 535)	Realignment + Widen to 4 Lanes
Rinehart Rd (CR 46A to SR 46)	Widen to 6 Lanes
Rinehart Rd (Lake Mary Blvd to Timacuan Blvd)	Widen to 6 Lanes
Roberson Rd (Windermere Rd to Maguire Rd)	Widen to 4 Lanes
Rock Springs Rd (Ponkan Rd to Kelly Park Rd)	Widen to 6 Lanes
Rock Springs Road (Welsch Rd to Ponkan Rd)	Widen to 6 Lanes
Rock Springs Road/Park Ave (Apopka) (Votaw Rd to Welch Rd.)	Widen to 6 Lanes
Rock Springs Road/Park Ave (US 441/Orange Blossom Trail to Votaw Rd)	Widen to 6 Lanes
Rose Ave (Clarcona-Ocoee Rd to US 441/Orange Blossom Trail)	Widen to 4 Lanes
Round Lake Rd (Kelly Park Rd to Lake Co Line)	Widen to 4 Lanes
Round Lake Rd (Ponkan Rd to Kelly Park Rd)	Widen to 4 Lanes
Sadler Ave (US 441/Orange Blossom Tr to Round Lake Rd)	Widen to 4 Lanes
Sand Lake Rd (SR 434 to West Lake Brantley Rd)	Widen to 4 Lanes
Sand Lake Rd. @ John Young Pkwy, SR 482/Sand Lake Rd. to Presidents Dr.	Add 2 Additional Lanes
Sandler Ave (Lake Co. Line to US/441 Orange Blossom Trail)	Widen to 4 Lanes
Seidel Rd (Avalon Rd to Lake Hancock Rd)	Widen to 4 Lanes
Seminole Blvd (US 17/92 to Lake Drive)	Widen to 6 Lanes
Shadowridge Road (Forbes Place to Lee Vista Blvd.)	New 4 Lane Roadway
Shadowridge Road (Lee Vista Blvd. to Hoffner Ave)	New 4 Lane Roadway
Shady Lane (US 192 to Partin Settlement Rd.)	Widen to 4 Lanes
Simpson Road (Florida Turnpike to Fortune Rd)	Widen to 4 Lanes + New Overpass
Southport Rd (Pleasant Hill Rd to Southport Bay Dr)	Widen to 4 Lanes
SR 15 (Narcoossee Rd) (SR 528/Beachline to Lee Vista Blvd)	Widen to 6 Lanes
SR 15/600/US 17/92 (Int at SR 436)	Add 2 Additional Lanes
SR 15/600/US 17/92 (Shephard Rd. to Lake Mary Blvd.)	Add 2 Additional Lanes
SR 15/Narcosse Rd/Hoffner Ave. (Lee Vista to Conway Rd.)	Add 2 Additional Lanes
SR 415 (CR 415 to Volusia County line)	Widen to 4 Lanes
SR 415 (SR 46 to CR 415)	Widen to 4 Lanes
SR 419 (Edgemon Ave to US 17-92)	Widen to 4 Lanes
SR 419 (SR 434 to Edgemon Ave)	Widen to 4 Lanes
SR 423/John Young Pkwy. (Shader Rd. to Edgewater Dr.)	Add 2 Additional Lanes
SR 426 (Orange Co line/Old Howell Branch Rd to Tuskawilla Rd)	Widen to 6 Lanes
SR 426 (Pine Ave to SR 434)	Widen to 4 Lanes

**Table 43 – CFRPM 5.0 Cost Feasible Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
SR 426 (SR 434 to CR 426)	Widen to 4 Lanes
SR 426 (Tuskawilla Rd to SR 417/Greenway)	Widen to 6 Lanes
SR 434 (DeLeon St to SR 426)	Widen to 4 Lanes
SR 434 (Edgemon Ave to US 17-92)	Widen to 6 Lanes
SR 434 (Montgomery Rd. to CR 427)	Add 2 Additional Lanes
SR 434 (Sand Lake Rd to Calabria Dr)	Widen to 6 Lanes
SR 434 (SR 417 to DeLeon St)	Widen to 4 Lanes
SR 434 (SR 419 to Edgemon Ave)	Widen to 6 Lanes
SR 434 (SR 426 to Mitchell Hammock Rd)	Widen to 4 Lanes
SR 434 (Trailwood Dr to Maitland Blvd/Orange Co Line)	Widen to 6 Lanes
SR 434 (US 17-92 to CR 427/Ronald Reagan Pkwy)	Widen to 6 Lanes
SR 434 (Wekiva Springs Rd/Montgomery Rd to Sand Lake Rd)	Widen to 6 Lanes
SR 434/Forest City Rd., SR 423/John Young Pkwy	Add 2 Additional Lanes
SR 436 (Howell Branch Rd to Orange Co. Line)	Widen to 8 Lanes
SR 436 (Int @ red Bug Lake Rd.)*	Intersection Improvement
SR 436 (Lake Howell Ln to Howell Branch Rd)	Widen to 8 Lanes
SR 436 (Lake Howell Rd to Lake Howell Lane)	Widen to 8 Lanes
SR 436 (Orange Co line to Lake Harriet Dr)	Widen to 8 Lanes
SR 436 (Palm Springs Dr to US 17-92)	Widen to 8 Lanes
SR 436 (US 17-92 to Wilson Dr)	Widen to 8 Lanes
SR 438/Silver Star Rd. (Dillard St. to SR 429/Western Expy.)	Add 2 Additional Lanes
SR 46 (Mellonville Avenue to SR 415)	Add 2 Additional Lanes
SR 46 (Orange Ave/Wekiwa Pkwy to Orange Blvd)	Widen to 4 Lanes
SR 46 (SR 415 to SR 426)	Widen to 4 Lanes
SR 46 (SR 426 to Volusia County Line)	Widen to 4 Lanes
SR 50 (Colonial Dr) (Florida's Turnpike to Avalon Rd)	Widen to 8 Lanes
SR 50 (Colonial Dr) (Lake Co. Line to Florida's Turnpike)	Widen to 8 Lanes
SR 50 (SR 429/Western Expy. To Good Homes Rd)	Add 2 Additional Lanes
SR 500/600/US 17/92 (Poinciana Blvd. to CR 535)	Add 2 Additional Lanes
SR 500/US 192 (Aeronautical Blvd. to Buddinger, Eastern Ave to CR 532))	Add 2 Additional Lanes
Story Rd (9th St to Carter Rd)	Widen to 4 Lanes
Story Rd (Carter Rd to Bowness Rd/Kissimmee Ave)	Widen to 4 Lanes
Story Rd (Plant St to 9th St)	Widen to 4 Lanes
Taft Vineland Rd. Ext. (General Blvd to Orange Ave)	Widen to 6 Lanes
Taft Vineland Rd. Ext. (Central FL Pkwy. To John Young Pkwy)	New 4 Lane Roadway
Taft-Vineland Rd (US 441/Orange Blossom Trail to General Blvd)	Widen to 6 Lanes
Terry Avenue (Gore St. to Anderson St.)	New 2 Lane Roadway
Terry Avenue (Robinson St. to SR 50 (Colonial Dr.))	New 2 Lane Roadway
Texas Av (Princeton St to WD Judge Rd)	New 2 Lane Roadway
Thompson Rd (Semoran Blvd to Votaw Rd)	Widen to 4 Lanes
Thompson Rd (Votaw Rd to Welch Rd)	Widen to 4 Lanes
Tilden Rd (Avalon Rd to Winter Garden-Vinelane Rd)	Widen to 4 Lanes
Tradeport Dr (Boggy Creek Rd to Centerport St)	Widen to 6 Lanes
Tradeport Dr (Centerport St to Secure Rd)	Widen to 6 Lanes
Tradeport Dr (Secure Rd to Jetport Dr)	Widen to 6 Lanes
Turkey Lake Rd (Central FL Pkwy to Sand Lake Commons Blvd)	Widen to 6 Lanes
Turkey Lake Rd (Sand Lake Commons Blvd to Sand Lake Rd)	Widen to 6 Lanes
Tuskawilla Rd (Eagle Blvd to lake Dr)	Widen to 6 Lanes
Tuskawilla Rd (Red Bug Lake Rd to Eagle Blvd)	Widen to 6 Lanes
Tuskawilla Rd (SR 426 to Dike Rd)	Widen to 6 Lanes
Univeral Blvd (Sand Lake Rd to Pointe Plaza Ave)	Widen to 6 Lanes

**Table 43 – CFRPM 5.0 Cost Feasible Transportation Improvements – METROPLAN
ORLANDO (continued)**

Roadway Project	Improvement
US 17/92 (Polk/Osceola Co. Line to Poinciana Blvd.)	Add 2 Additional Lanes
US 17-92 (Lake Mary Blvd to SR 417 (Greenway))	Widen to 6 Lanes
US 192 (Lake Co. line to Secret Lake Dr)	Widen to 6 Lanes
Vista Lakes Loop (Econlockhatchee Tr to Hazeltine Dr)	New 2 Lane Roadway
Vista Lakes Loop (Lee Vista Bv to Econlockhatchee Tr)	New 4 Lane Roadway
Wallace Rd (Apopka-Vineland Rd to Dr. Phillips Blvd)	Widen to 4 Lanes
Wallace Rd (Dr. Phillips Blvd to Turkey Lake Rd)	Widen to 4 Lanes
Warrior Rd (Windermere Rd W to Windermere Rd E)	Widen to 4 Lanes
WD Judge Rd (John Young Py to Texas Av)	New 2 Lane Roadway
Wekiwa Springs Rd (Orchard Dr to Seminole Co. Line)	Widen to 4 Lanes
Welch Rd (Rock Springs Rd to Thompson Rd)	Widen to 4 Lanes
Welch Rd (Thompson Rd to Wekiwa Springs Rd)	Widen to 4 Lanes
Western Way Extension (SR 429/Beltway to Avalon Rd)	New 4 Lane Roadway
Westwood Blvd Extension (Weildwood Ave to International Dr)	New 4 Lane Roadway
Wetherbee Rd (Landstar Blvd to Boggy Creek Rd)	Widen to 6 Lanes
Wetherbee Rd (US 441/Orange Blossom Tr to Orange Ave)	Widen to 6 Lanes
Wildwood Ave (Westwood Blvd Ext to International Dr)	New 4 Lane Roadway
Wildwood Avenue (International Dr. to Palm Pkwy.)	New 4 Lane Roadway + Bridge
Windermere Rd (Marshall Farms Rd to Warrior Rd)	Widen to 4 Lanes
Windermere Rd (Roberson Rd to Maguire Rd)	Widen to 4 Lanes
Windy Ridge Rd (Hempel Ave to Apopka-Vineland Rd)	Widen to 4 Lanes
Winter Garden-Vineland Road (Ficquette Rd. to Southern Way)	Widen to 4 Lanes
Winter Garden-Vineland Road (Magnolia Pk. To south of SR 429)	Widen to 4 Lanes
Winter Park Dr (Seminola Blvd to SR 434)	Widen to 4 Lanes
Woodcrest Blvd (Michigan Ave to Orchid Lane)	Widen to 4 Lanes
Wurst Rd (Adair St.to A.D. Mims Rd)	Widen to 4 Lanes
Wurst Rd (Lakewood Ave to Adair St.)	Widen to 4 Lanes
Wymore Rd (Kennedy Blvd to Maitland Blvd.)	Widen to 4 Lanes
Wymore Rd (Lee Rd to Kennedy Blvd)	Widen to 4 Lanes
Wymore Rd (Maitland Blvd to Seminole Co. Line)	Widen to 4 Lanes
Wyndham Lakes Blvd Ext (Mountleigh Ct to J Lawson Blvd)	New 4 Lane Roadway
Young Pine Road (Lamberton Rd to Lee Vista Blvd.)	Widen to 4 Lanes

Table 44 – CFRPM 5.0 Cost Feasible Transit Improvements

Transit Project	From	To	Description
Lake-Sumter MPO			
Orange Blossom Express	Eustis	Downtown Orlando	Commuter Rail Service Connecting Eustis, Tavares, Mt. Dora, Lake Jem, Zellwood, Apopka, Rosemont and Orlando
METROPLAN ORLANDO			
Light Rail	International Dr	Medical City/Innovation Way	Light Rail Service Connecting International Dr, Medical City and Innovation Way
LYNX Bus Service	Areawide	-	Increased Service Frequencies throughout System
SunRail	Volusia County	Osceola County	61-Mile Commuter Rail System
SunRail Feeder Service	Volusia County	Osceola County	Feeder Bus Service for SunRail
Ocala/Marion TPO			
SunTran Bus Service	Countywide	-	Increased Service Frequencies throughout System
Space Coast TPO			
SCAT Bus Service Improvements	Countywide	-	Increased Service Frequencies Along Multiple Corridors (Route 6, 21, 23, 28)
New Fixed Route Service	Grissom Corridor	-	New Fixed Route Service Along Grissom Corridor
Volusia County TPO			
SunRail Feeder Service	West Volusia Area	DeBary SunRail Station	Bus Feeder Service to SunRail
Votran Bus Service	Countywide	-	Increased Service Frequencies Along Multiple Corridors
DeLand Circulator	Downtown DeLand	SunRail/Amtrak Station	New Trolley Service
Daytona Area Circulator	Downtown Daytona (ISB)	-	New Trolley Service - Downtown Daytona & International Speedway Blvd
DeLand Rail Spur	DeLand Amtrak Station	Downtown DeLand	Extend Rail Connection from SunRail Service at DeLand Amtrak to Downtown DeLand
Bus Rapid Transit (BRT)	DeLand	Daytona Beach	Implementation of Bus Rapid Transit Service from DeLand to Daytona Beach

Figure 25 – CFRPM 5.0 Cost Feasible Transportation Improvements – Flagler County

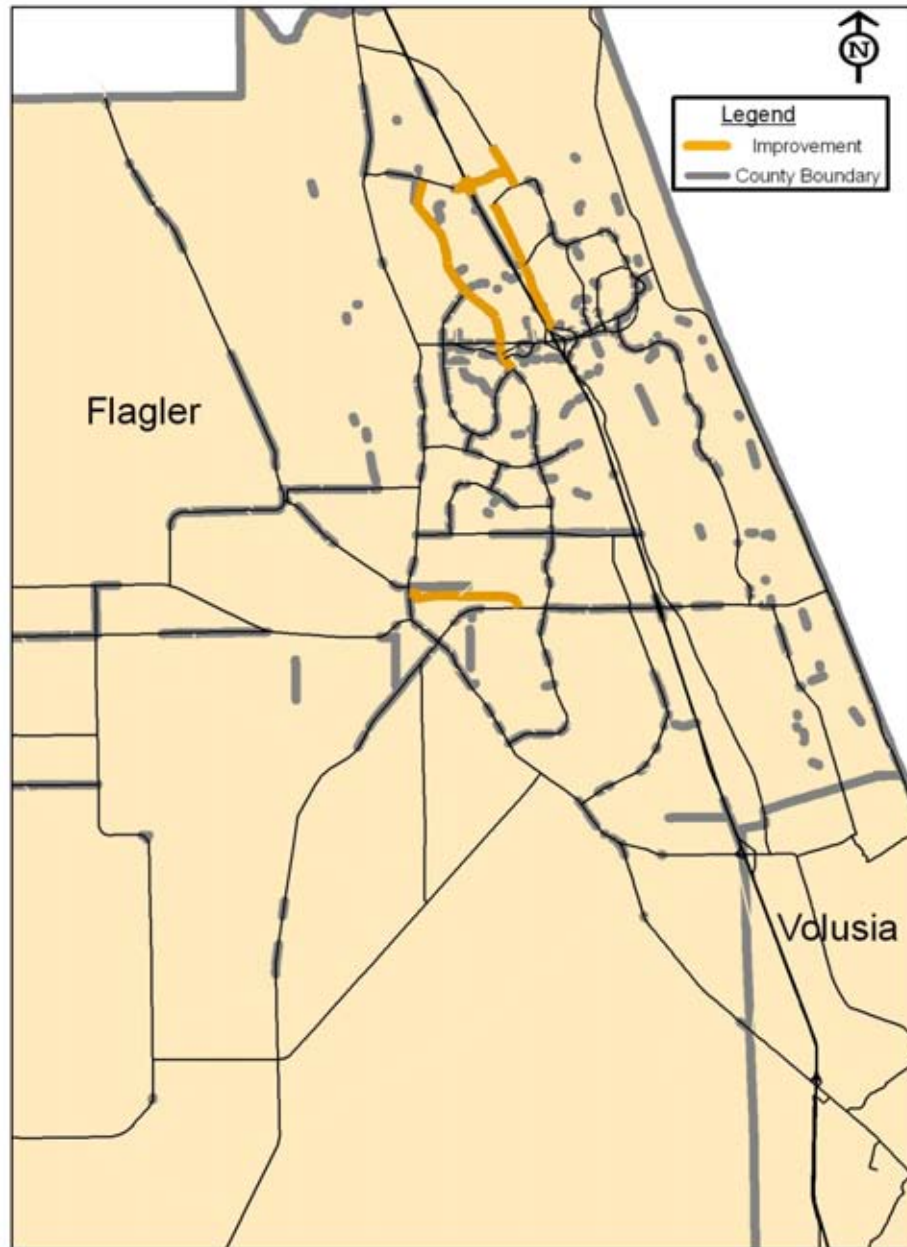


Figure 26 – CFRPM 5.0 Cost Feasible Transportation Improvements – Lake-Sumter MPO

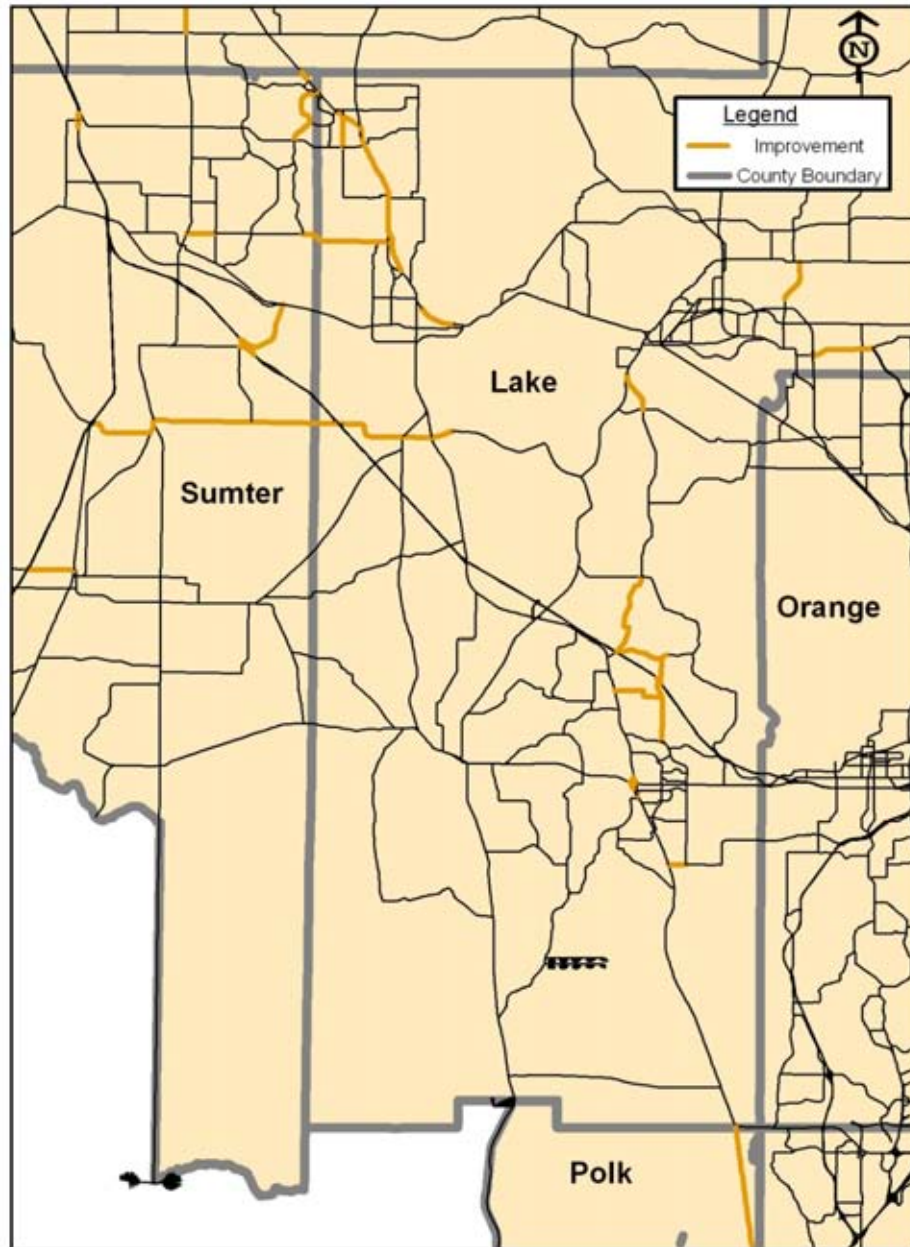


Figure 27 – CFRPM 5.0 Cost Feasible Transportation Improvements – Ocala-Marion TPO

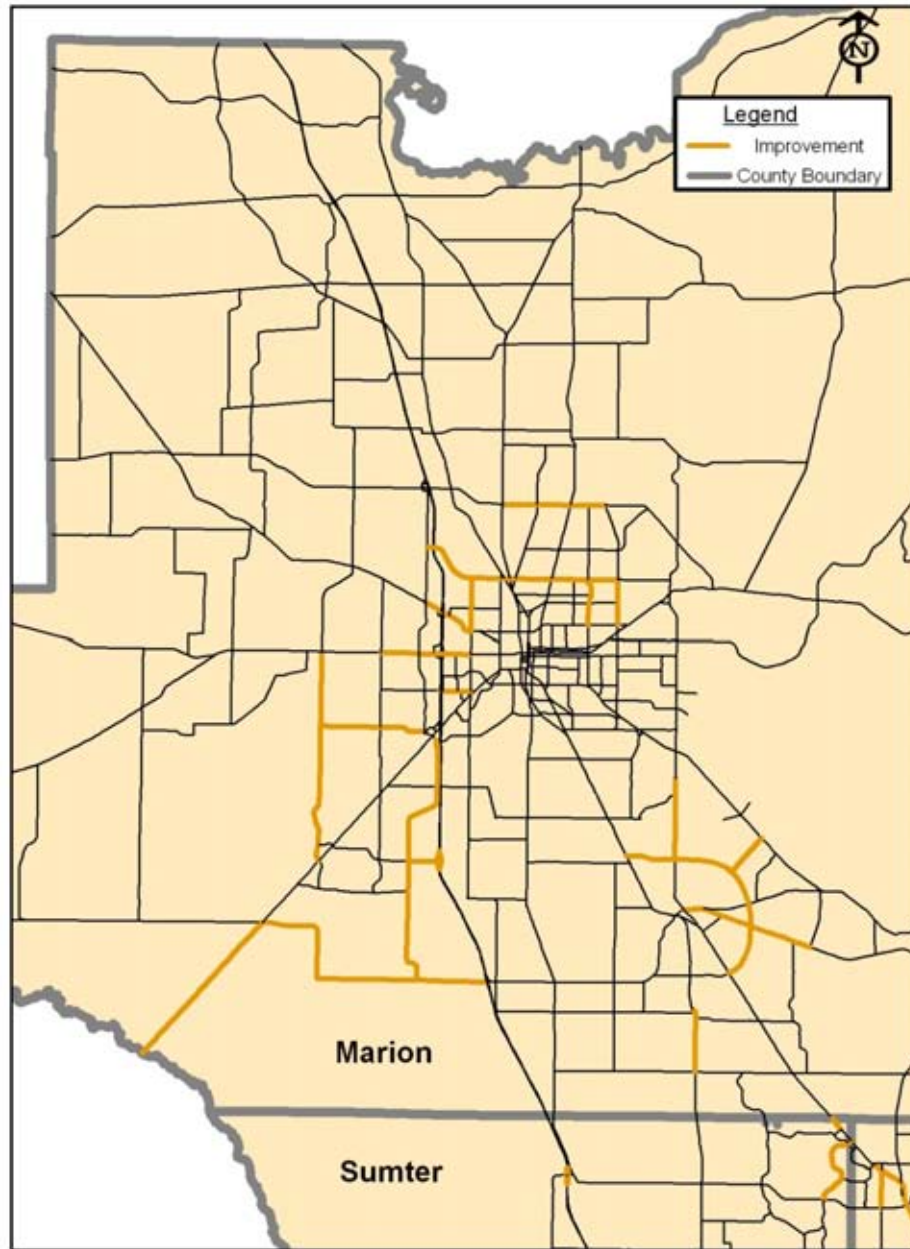


Figure 28 – CFRPM 5.0 Cost Feasible Transportation Improvements – Space Coast TPO

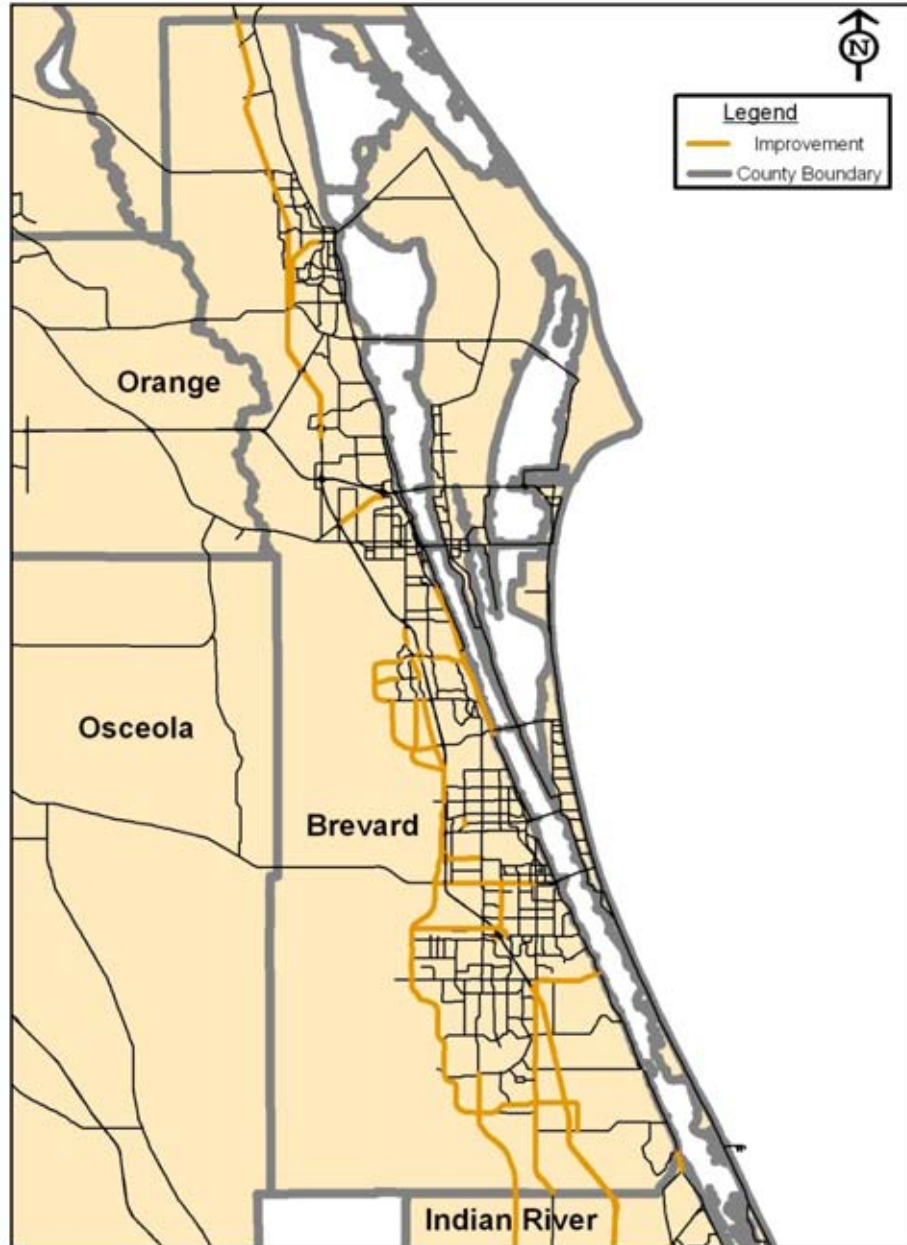
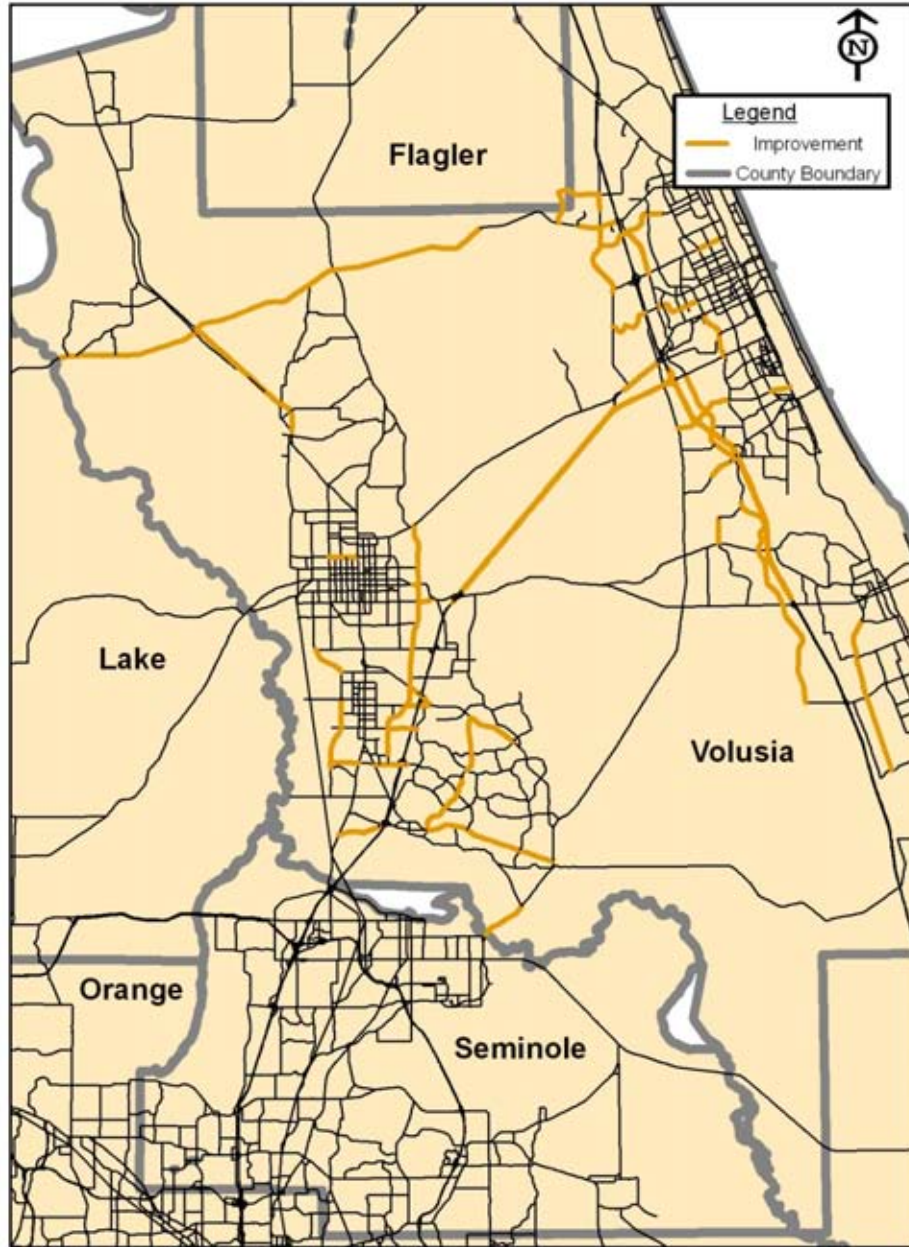
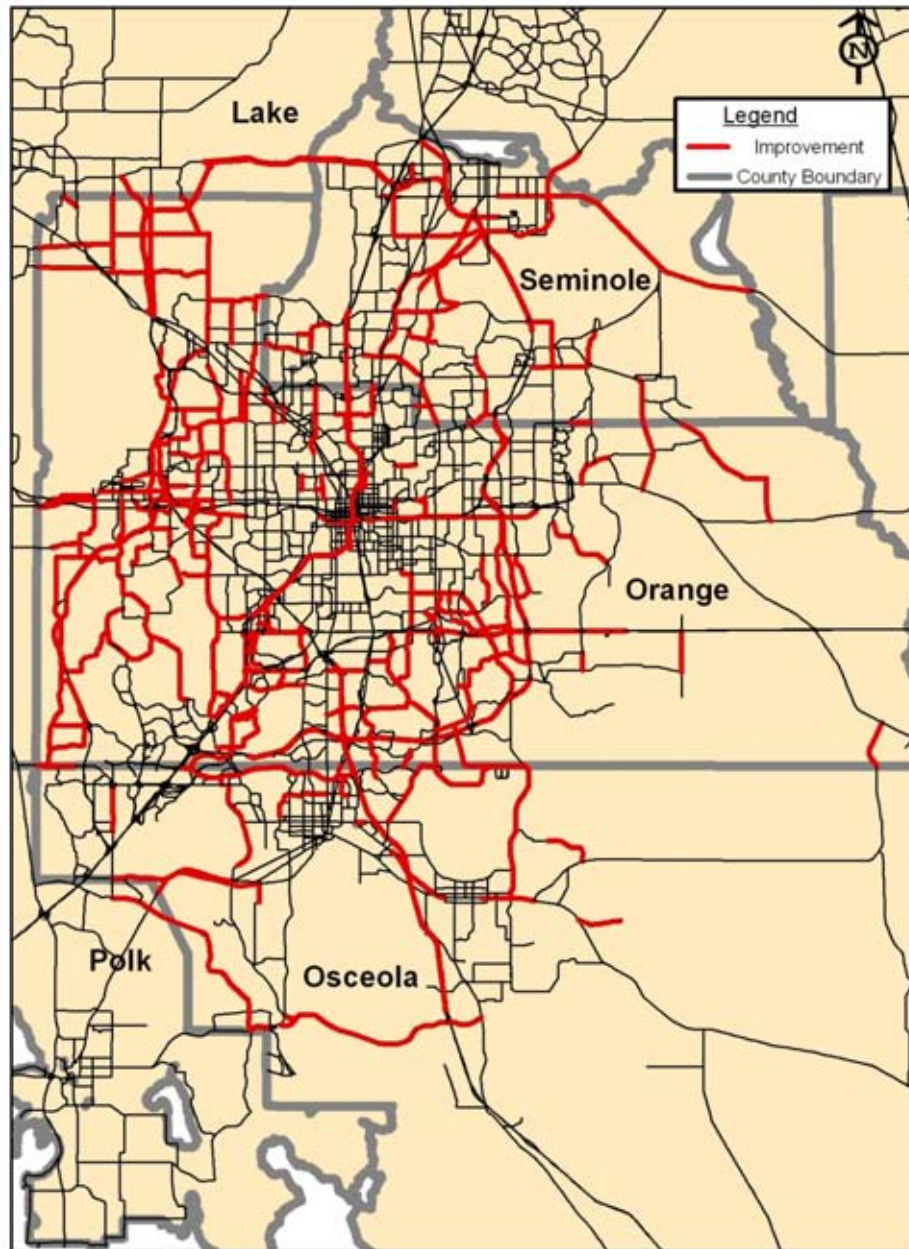


Figure 29 – CFRPM 5.0 Cost Feasible Transportation Improvements – Volusia TPO



**Figure 30 – CFRPM 5.0 Cost Feasible Transportation Improvements – METROPLAN
ORLANDO**



5.4 Performance Measures

The performance of the Cost Feasible highway network compared to the 2005 Base Year and the E+C Alternative, Alternative 1 and Alternative 2 is presented in Tables 45 through 48. The comparison is presented for the entire districtwide model area.

The results presented in Table 46 indicate that this network performs better than the E+C network, addressing many of the regions transportation needs. The Cost Feasible Alternative adds an additional 14.8% (2,945) of lane miles, resulting in a 1.1% decrease in vehicle miles traveled as compared to the E+C Alternative. In addition, the CF Alternative's impact is evident in that it reduces delay due to congestion by 49.1% and increases the congested speed on the network by 11.3% as compared to the E+C Alternative. However, due to the application of funding constraints, all the projects identified in the needs alternatives could not be included in the cost feasible list, thus the benefits to the region are not as extensive as those of the needs Alternatives 1 and 2.

The performance of the Cost Feasible transit network compared to the 2005 Base Year and the E+C Alternative, Alternative 1 and Alternative 2 is presented in Tables 49 through 52. The comparison is presented for the entire districtwide model area.

The additional ridership on the region's transit system is shown in Table 50. In this table, the ridership on the CF Alternative transit system, including the Lake County transit system, is compared to the E+C ridership. As with Alternative 1 and Alternative 2, the impact of the new Commuter Rail service is apparent in the increase in ridership on the LYNX and Votran systems.

Following the presentation of the tables, Figure 31 provides a graphical representation of the volume to capacity conditions on the Cost Feasible network for all MPOs.

Table 45 – CFRPM 5.0 Cost Feasible vs. Base Performance Measures

Performance Measures	2005 Base	2035 CF	% Change
Total Number of Links	16,711	18,008	7.76%
Total System Miles	7,385	8,016.53	8.55%
Total Lane Miles	18,343	22,787.03	24.23%
Total Directional Miles	13,209	14,279.50	8.10%
Total VMT Using Volumes	103,586,496	195,842,446	89.06%
Total VMT Using Capacity	194,382,556	245,113,177	26.10%
Total VMT V/C	0.53	0.80	50.94%
Total VHT Using Volumes	2,678,051	7,501,325	180.10%
Total VHT Using Capacity	4,654,781	7,493,310	60.98%
Total VHT V/C	0.58	1.00	72.41%
Total Volumes All Links	248,291,831	429,665,931	73.05%
Average Total Time	14,858	23,860.00	60.59%
Total VMT All Links	103,586,496	195,842,446	89.06%
Total VHT All Links	2,678,051	7,501,325	180.10%
Total Original Speed (MPH)	38.86	39.08	0.57%
Total Congested Speed (MPH)	35.81	31.57	-11.84%
Total Accidents	908	1,736	91.15%
Total injuries	156	298	90.58%
Total Fatalities	2	4	89.79%
Total CO Emissions (Kilograms)	1,058,252	2,269,945	114.50%
Total HC Emissions (Kilograms)	133,849	277,999	107.70%
Total NO Emissions (Kilograms)	150,494	271,694	80.53%
Total Fuel Use	9,207,951	16,915,154	83.70%
Total Accident Cost (Dollars)	364,501	694,450	90.52%
Total Users Cost (Dollars)	14,388,053	26,365,840	83.25%
Total Maintenance Cost (Dollars)	50,935,861,359	96,391,249,906	89.24%
Total Delay Due to Congestion (Vehicle-Hours)	491,604	3,377,412	587.02%

Table 46 – CFRPM 5.0 Cost Feasible vs. E+C Performance Measures

Performance Measures	2013 E+C	2035 CF	% Change
Total Number of Links	17,233	18,008	4.50%
Total System Miles	7,604.87	8,016.53	5.41%
Total Lane Miles	19,842.09	22,787.03	14.84%
Total Directional Miles	13,591.08	14,279.50	5.07%
Total VMT Using Volumes	197,970,927	195,842,446	-1.08%
Total VMT Using Capacity	208,578,811	245,113,177	17.52%
Total VMT V/C	0.95	0.80	-15.79%
Total VHT Using Volumes	10,816,103	7,501,325	-30.65%
Total VHT Using Capacity	8,475,985	7,493,310	-11.59%
Total VHT V/C	1.28	1.00	-21.88%
Total Volumes All Links	430,062,444	429,665,931	-0.09%
Average Total Time	24,956	23,860.00	-4.39%
Total VMT All Links	197,970,927	195,842,446	-1.08%
Total VHT All Links	10,816,103	7,501,325	-30.65%
Total Original Speed (MPH)	38.91	39.08	0.44%
Total Congested Speed (MPH)	28.37	31.57	11.28%
Total Accidents	1,828	1,736	-5.06%
Total injuries	310	298	-3.93%
Total Fatalities	5	4	-2.83%
Total CO Emissions (Kilograms)	2,533,062	2,269,945	-10.39%
Total HC Emissions (Kilograms)	302,216	277,999	-8.01%
Total NO Emissions (Kilograms)	264,657	271,694	2.66%
Total Fuel Use	16,866,855	16,915,154	0.29%
Total Accident Cost (Dollars)	721,959	694,450	-3.81%
Total Users Cost (Dollars)	26,021,441	26,365,840	1.32%
Total Maintenance Cost (Dollars)	94,524,169,051	96,391,249,906	1.98%
Total Delay Due to Congestion (Vehicle-Hours)	6,637,020	3,377,412	-49.11%

Table 47– CFRPM 5.0 Cost Feasible vs. Alternative 1 Performance Measures

Performance Measures	2035 Alt 1	2035 CF	% Change
Total Number of Links	17,897	18,008	0.62%
Total System Miles	7,996.84	8,016.53	0.25%
Total Lane Miles	22,482.90	22,787.03	1.35%
Total Directional Miles	14,252.21	14,279.50	0.19%
Total VMT Using Volumes	195,864,375	195,842,446	-0.01%
Total VMT Using Capacity	240,601,473	245,113,177	1.88%
Total VMT V/C	0.81	0.80	-1.23%
Total VHT Using Volumes	7,725,152	7,501,325	-2.90%
Total VHT Using Capacity	7,487,264	7,493,310	0.08%
Total VHT V/C	1.03	1.00	-2.91%
Total Volumes All Links	425,188,172	429,665,931	1.05%
Average Total Time	23,758.00	23,860.00	0.43%
Total VMT All Links	195,864,375	195,842,446	-0.01%
Total VHT All Links	7,725,152	7,501,325	-2.90%
Total Original Speed (MPH)	39.04	39.08	0.10%
Total Congested Speed (MPH)	31.48	31.57	0.29%
Total Accidents	1,742	1,736	-0.38%
Total injuries	299	298	-0.28%
Total Fatalities	4	4	-0.22%
Total CO Emissions (Kilograms)	2,268,545	2,269,945	0.06%
Total HC Emissions (Kilograms)	277,928	277,999	0.03%
Total NO Emissions (Kilograms)	271,605	271,694	0.03%
Total Fuel Use	16,862,105	16,915,154	0.31%
Total Accident Cost (Dollars)	696,298	694,450	-0.27%
Total Users Cost (Dollars)	26,246,117	26,365,840	0.46%
Total Maintenance Cost (Dollars)	96,399,011,339	96,391,249,906	-0.01%
Total Delay Due to Congestion (Vehicle-Hours)	3,620,585	3,377,412	-6.72%

Table 48– CFRPM 5.0 Cost Feasible vs. Alternative 2 Performance Measures

Performance Measures	2035 Alt 2	2035 CF	% Change
Total Number of Links	17,980	18,008	0.16%
Total System Miles	8,058.02	8,016.53	-0.51%
Total Lane Miles	22,885.57	22,787.03	-0.43%
Total Directional Miles	14,371.99	14,279.50	-0.64%
Total VMT Using Volumes	196,585,622	195,842,446	-0.38%
Total VMT Using Capacity	247,331,403	245,113,177	-0.90%
Total VMT V/C	0.79	0.80	1.27%
Total VHT Using Volumes	7,621,396	7,501,325	-1.58%
Total VHT Using Capacity	7,515,607	7,493,310	-0.30%
Total VHT V/C	1.01	1.00	-0.99%
Total Volumes All Links	425,027,223	429,665,931	1.09%
Average Total Time	23,639.00	23,860.00	0.93%
Total VMT All Links	196,585,622	195,842,446	-0.38%
Total VHT All Links	7,621,396	7,501,325	-1.58%
Total Original Speed (MPH)	39.05	39.08	0.08%
Total Congested Speed (MPH)	31.71	31.57	-0.44%
Total Accidents	1,727	1,736	0.48%
Total injuries	297	298	0.22%
Total Fatalities	4	4	-0.22%
Total CO Emissions (Kilograms)	2,248,111	2,269,945	0.97%
Total HC Emissions (Kilograms)	275,896	277,999	0.76%
Total NO Emissions (Kilograms)	274,756	271,694	-1.11%
Total Fuel Use	17,000,349	16,915,154	-0.50%
Total Accident Cost (Dollars)	693,115	694,450	0.19%
Total Users Cost (Dollars)	26,460,159	26,365,840	-0.36%
Total Maintenance Cost (Dollars)	96,767,341,301	96,391,249,906	-0.39%
Total Delay Due to Congestion (Vehicle-Hours)	3,508,305	3,377,412	-3.73%

Table 49 – CFRPM 5.0 Cost Feasible vs. Base Year Transit Ridership

CFRPMv5.0 Transit Operator	Description	Transit Ridership 2035 E+C	Transit Ridership 2035 Cost Feasible	% Change
1	LYNX	115,369	222,157	48%
11	VOTRAN	9,096	19,154	53%
21	Space Coast Service	5,724	8,636	34%
31	SunTran Service	1,475	1,570	6%
41	Lake County Transit Service	-	2,932	-

Table 50 – CFRPM 5.0 Cost Feasible vs. 2035 E+C Transit Ridership

CFRPMv5.0 Transit Operator	Description	Transit Ridership 2035 E+C	Transit Ridership 2035 Cost Feasible	% Change
1	LYNX Local Service	111,037	207,069	46%
2	LYNX Express Service	716	2,479	71%
4	LYNX LYMMO Service	3,617	15,541	77%
11	VOTRAN	9,096	19,154	53%
21	Space Coast Service	5,724	8,636	34%
31	SunTran Service	1,475	1,570	6%

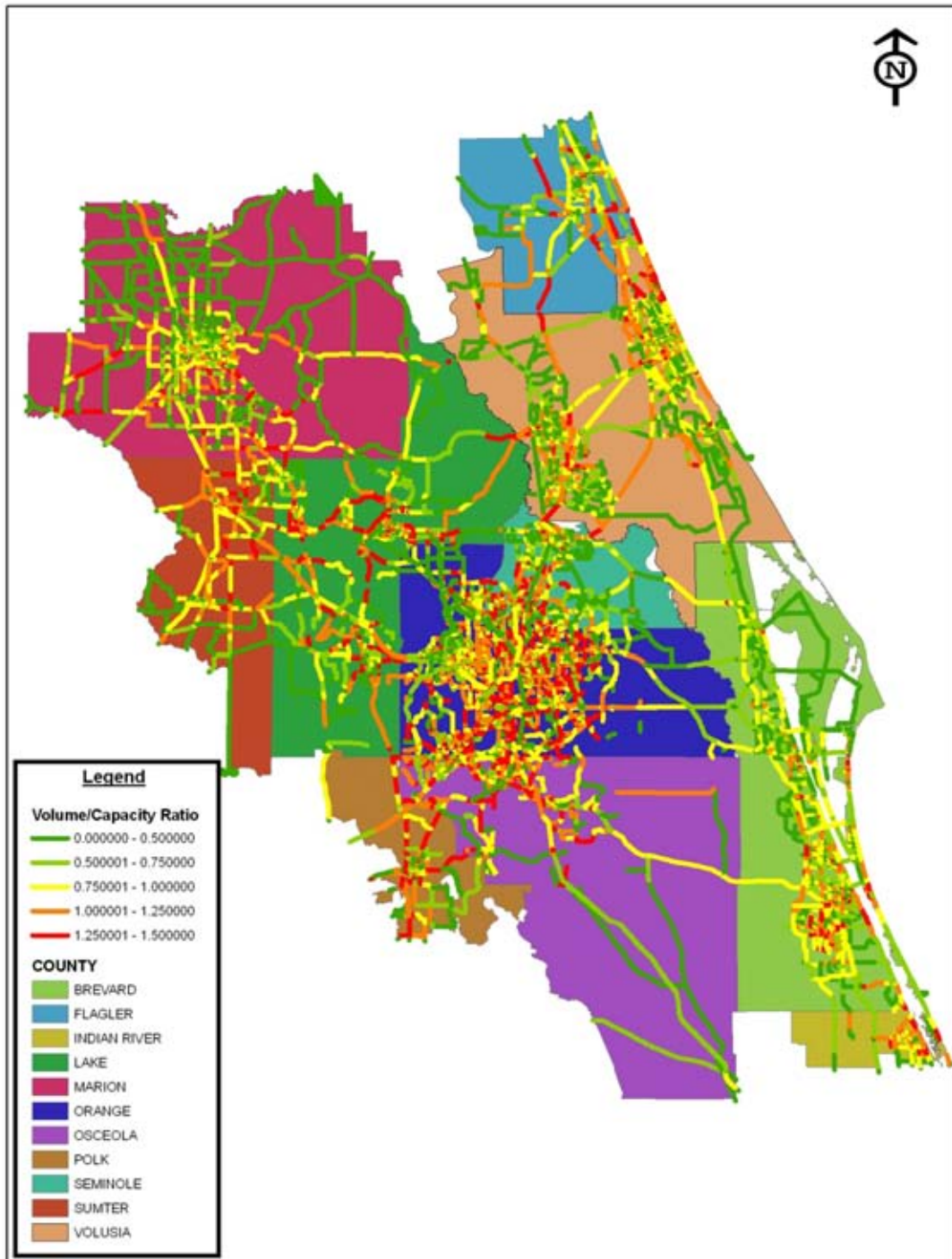
Table 51 – CFRPM 5.0 Cost Feasible vs. 2035 Alternative 1 Transit Ridership

CFRPMv5.0 Transit Operator	Description	Transit Ridership 2035 Alternative 1	Transit Ridership 2035 Cost Feasible	% Change
1	LYNX	118,230	222,157	47%
11	VOTRAN	12,823	19,154	33%
21	Space Coast Service	5,828	8,636	33%
31	SunTran Service	1,465	1,570	7%
41	Lake County Transit Service	-	2,932	-

Table 52 – CFRPM 5.0 Cost Feasible vs. 2035 Alternative 2 Transit Ridership

CFRPMv5.0 Transit Operator	Description	Transit Ridership 2035 Alternative 2	Transit Ridership 2035 Cost Feasible	% Change
1	LYNX	256,723	222,157	-16%
11	VOTRAN	20,585	19,154	-7%
21	Space Coast Service	12,076	8,636	-40%
31	SunTran Service	1,866	1,570	-19%
41	Lake County Transit Service	2,401	2,932	18%

Figure 31 – CFRPM 5.0 Cost Feasible Volume to Capacity Plot



6.0 Interim Years

Interim year models for the years 2015, 2020, 2025 and 2030 were developed as part of the 2035 Cost Feasible model. The land use for these models was developed with coordination from the MPOs. The residential and employment land use is shown for all of the interim years by MPO area in Tables 53 through 55.

As part of developing a Cost Feasible project list to identify the transportation needs for the region, the MPOs also provided the 2035 Cost Feasible list in 5 year increments. Using these project lists, the highway and transit projects for the interim year models were identified. These interim year projects are listed in Tables 56 through 61.

Table 53 - Residential Land Use

County	Single Family Dwelling Units					Single Family Population				
	2015	2020	2025	2030	2035	2015	2020	2025	2030	2035
Seminole	126,761	120,523	128,234	128,395	128,598	349,417	351,365	351,830	351,653	352,204
Orange	347,962	367,198	385,731	404,093	427,395	913,658	967,849	1,020,445	1,072,675	1,135,230
Osceola	132,242	143,548	154,841	168,533	164,217	357,835	393,897	426,853	468,620	463,200
Lake	135,724	148,646	163,575	181,201	198,231	286,311	313,371	344,613	381,514	417,720
Volusia	176,799	197,999	208,826	218,962	228,344	421,024	470,977	496,464	520,335	542,441
Brevard	208,234	217,082	229,886	249,883	275,445	477,235	498,102	528,330	575,518	634,839
Marion	147,317	171,788	187,245	201,769	215,481	323,295	377,572	411,870	444,102	472,628
Sumter	47,612	52,897	59,588	70,890	89,367	110,750	123,486	139,618	166,863	211,683
Flagler	50,488	66,631	76,536	85,949	93,691	99,964	133,076	153,401	172,702	188,722
Polk	29,759	34,391	37,988	42,362	48,268	70,798	81,640	90,074	100,307	114,127

Table 53 (Cont.) - Residential Land Use

County	Multi-Family Dwelling Units					Multi-Family Population				
	2015	2020	2025	2030	2035	2015	2020	2025	2030	2035
Seminole	74,917	78,119	79,493	80,011	80,226	138,825	144,646	146,000	145,491	145,911
Orange	224,014	262,975	300,594	337,855	367,039	443,728	527,194	608,920	689,625	751,275
Osceola	54,832	69,344	83,827	102,079	105,398	113,364	154,226	191,194	238,471	260,057
Lake	23,393	28,195	33,743	40,298	52,907	38,490	46,332	55,389	66,090	86,860
Volusia	67,379	67,379	84,144	89,450	94,774	108,468	108,468	134,221	142,370	150,322
Brevard	59,072	59,072	64,136	68,786	82,539	93,009	93,009	102,274	110,812	137,152
Marion	20,644	20,644	24,505	25,909	28,634	37,571	37,571	44,851	47,498	52,776
Sumter	3,068	3,068	4,514	5,881	8,793	7,046	7,046	10,381	13,535	20,253
Flagler	7,715	7,715	13,059	14,975	17,796	14,736	14,736	24,404	27,889	32,523
Polk	25,739	28,853	33,455	36,934	38,143	40,964	45,955	53,304	58,872	60,858

Table 54 - Employment Land Use

County	Industrial Employment					Commercial Employment				
	2015	2020	2025	2030	2035	2015	2020	2025	2030	2035
Seminole	45,790	50,638	60,763	70,874	81,055	77,021	82,399	88,794	95,201	103,823
Orange	109,063	115,297	120,485	125,607	131,045	230,661	256,916	281,386	305,757	322,337
Osceola	13,958	14,854	15,734	16,631	13,012	32,618	36,490	40,352	44,218	39,837
Lake	22,743	25,864	29,457	33,698	38,776	30,598	34,080	38,107	42,844	48,528
Volusia	37,174	38,851	40,324	41,723	43,338	58,505	60,613	62,478	64,220	66,288
Brevard	58,983	60,121	62,108	65,655	75,579	60,236	62,063	65,246	70,896	86,736
Marion	30,077	31,652	33,246	34,824	35,505	36,956	39,410	41,858	44,323	45,379
Sumter	7,374	8,232	9,325	11,850	16,925	11,039	12,443	14,224	18,348	26,640
Flagler	5,242	6,250	7,235	8,232	9,225	10,658	12,511	14,342	16,182	18,017
Polk	5,822	6,394	6,949	7,521	8,077	7,950	9,165	10,352	11,559	12,766

Table 54 (Cont.) - Employment Land Use

County	Service Employment					Total Employment				
	2015	2020	2025	2030	2035	2015	2020	2025	2030	2035
Seminole	157,147	170,967	178,470	185,978	193,720	279,958	304,004	328,027	352,053	378,598
Orange	721,114	807,952	888,441	977,819	1,053,412	1,060,838	1,180,165	1,290,312	1,409,183	1,506,794
Osceola	72,580	82,093	91,438	101,188	92,086	119,156	133,437	147,524	162,037	144,935
Lake	72,700	79,651	87,681	97,157	108,500	126,038	139,582	155,221	173,689	195,804
Volusia	138,932	143,675	147,878	151,798	156,443	235,059	243,453	250,896	257,827	266,069
Brevard	171,233	174,841	181,121	192,289	223,590	290,701	297,249	308,688	328,981	385,905
Marion	91,454	99,277	107,112	114,955	118,363	158,487	170,325	182,198	194,078	199,247
Sumter	19,276	21,563	24,450	31,146	44,616	37,692	42,237	47,997	61,340	88,181
Flagler	19,241	22,846	26,408	30,002	33,584	35,138	41,588	47,985	54,412	60,826
Polk	14,738	16,146	17,541	18,936	20,343	28,510	31,705	34,842	38,016	41,186

Table 55 - Hotel Room Land Use

County	Hotel Rooms				
	2015	2020	2025	2030	2035
Seminole	6,098	6,598	7,098	7,598	8,098
Orange	142,781	156,573	159,375	162,075	164,318
Osceola	54,393	57,248	60,198	61,948	62,975
Lake	4,189	4,482	4,758	5,054	5,337
Volusia	22,445	22,988	23,520	24,059	24,597
Brevard	10,577	11,332	12,064	12,811	13,548
Marion	7,368	7,841	8,291	8,756	9,212
Sumter	1,033	1,245	1,455	1,666	1,876
Flagler	785	845	894	947	998
Polk	2,011	2,290	2,569	2,846	3,125

Table 56 – Interim Years Project List for Lake-Sumter MPO

CFRPM Transportation Improvements - Lake-Sumter MPO				
Facility	From	To	Project Description	Year
US 441/SR 500	Perkins St	SR 44	Widen Road (4 to 6 lanes)	2015
US 27/US 441	Lake Ella Rd	MLK JR Blvd	Widen Road (4 to 6 lanes)	2020
SR 48	I-75	CR 475	Widen Road (2 to 4 lanes)	2020
US 27/US 441	Avenida Central	Lake Ella Rd	Widen Road (4 to 6 lanes)	2025
SR 44	Orange Ave	US 441	Widen Road (2 to 4 lanes) with Frontage	2025
CR 466A	Morse Blvd	US 27	Widen Road (2 to 4 lanes)	2025
Hartwood Marsh	US 27	Hancock Rd	Widen Road (2 to 4 lanes)	2025
CR 48	East of US 27	CR 33	Widen Road (2 to 4 lanes)	2025
CR 468	Florida Turnpike	SR 44	Widen Road (2 to 4 lanes)	2025
CR 466A	US 301	C 139/C 462	Widen Road (2 to 4 lanes)	2025
Minneola Interchange	Florida Turnpike/ Turkey Farm Rd		New Interchagne (Mainline)	2030
SR 50 / SR 33	CR 565 (Villa City)	CR 565 (Montevista)	New 4 Lane Road	2030
US 441	SR 44	SR 46	Widen Road (4 to 6 lanes)	2030
CR 470	Sumter County	CR 33	Widen Road (2 to 4 lanes)	2030
North Hancock Extension	SR 91 / FL Tpike	CR 50	Widen Road (2 to 4 lanes)	2030
Rolling Acres Rd	US 27/US 441	CR 466	Widen Road (2 to 4 lanes)	2030
Citrus Grove rd	US 27	N. Hancock/FL Tpike	Widen Road (2 to 4 lanes)	2030
CR 561/CR 561A Realignment	CR Old 50	CR 561	New 4 Lane Road	2030
CR 470	SR 93/I-75	Lake County	Widen Road (2 to 4 lanes)	2030
Clermont Interchange	SR 50/US 27		New Interchange (urban)	2035
CR 475 Interchange (CR 466)	I-75/CR 475		New Interchange (Mainline)	2035
CR 468 Interchange	Florida Turnpike/ CR 468		New Interchange (Mainline)	2035
SR 19	CR 561	CR 448	Widen Road (2 to 4 lanes)	2035
SR 19	CR 448	Bridge	Widen Road (2 to 4 lanes)	2035
SR 19	Bridge	Bridge	New 4 Lane Bridge	2035
SR 19	Bridge	CR 48	Widen Road (2 to 4 lanes)	2035
US 301/SR 35	Florida Turnpike	CR 468	Widen Road (2 to 4 lanes)	2035
US 301/SR 35	CR 468	CR 470 west	Widen Road (2 to 4 lanes)	2035
CR 561	SR 19	CR 448	Widen Road (2 to 4 lanes)	2035
CR 19A	US 441	CR 44C	Widen Road (2 to 4 lanes)	2035
Round Lake Road Ext	Wolf Branch Rd	SR 44	New 4 Lane Road	2035
Round Lake Road	SR 46	SR 44	Widen Road (2 to 4 lanes)	2035
CR 475 Interchange (CR 466)	SR 48	C-470	Widen Road (2 to 4 lanes)	2035
CR 468	US 301	Florida Turnpike	Widen Road (2 to 4 lanes)	2035
CR 466	CR 475	US 301/SR 35	Widen Road (2 to 4 lanes)	2035

Table 57 - Interim Years Project List for Space Coast TPO

CFRPM Transportation Improvements - Space Coast TPO				
Facility	From	To	Project Description	Year
I-95	Malabar Rd	Indian River County	Widen Freeway (4 to 6 lanes)	2020
I-95	Volusia County	SR 406	Widen Freeway (4 to 6 lanes)	2020
St. Johns Heritage Parkway	US 192	Malabar Rd	Widen Freeway (4 to 6 lanes)	2020
St. Johns Heritage Parkway	John Rodes Blvd	US 192	New 4 Lane Road	2020
St. Johns Heritage Parkway Interchange (North)	I-95/Ellis Rd		New Interchange (urban)	2020
Ellis Road	John Rodes Blvd	Wickham Rd	Widen Road (2 to 4 Lanes)	2020
St. Johns Heritage Parkway	Babcock St	I-95 Interchange (South)	New 4 Lane Road	2020
St. Johns Heritage Parkway	I-95 Interchange (South)	Micco Rd	New 4 Lane Road	2020
St. Johns Heritage Parkway Interchange (South)	I-95 (North of Micco Rd)		New Interchange (Mainline)	2020
New Route - Grissom Corridor	Titusville/Cocoa		New Route	2020
South St (SR 405)	Existing 4 Lane section	SR 50	Widen Road (2 to 4 Lanes)	2025
US 1	Eyster Blvd	Pineda Causeway	Widen Road (4 to 6 lanes)	2025
Hollywood Blvd.	US 192	Palm Bay Rd	Widen Road (2 to 4 Lanes)	2025
St. Johns Heritage Parkway	Malabar Rd	Bombardier Rd	New 4 Lane Road	2025
St. Johns Heritage Parkway	Bombardier Rd	Babcock St	New 4 Lane Road	2025
Stadium Parkway	Fiske Blvd	Viera Blvd	Widen Road (2 to 4 Lanes)	2025
Viera Blvd.	Hérons Landing	Schenck Rd	Widen Road (2 to 4 Lanes)	2025
Viera Blvd. Interchange	I-95/ Viera Blvd		New Interchange (urban)	2025
New Route - Grissom Corridor	Titusville / Cocoa		New Route	2025
US 192	Wickham Rd	Dairy Rd	Widen Road (4 to 6 lanes)	2030
Babcock St	Malabar Rd	Foundation Park	Widen Road (2 to 4 Lanes)	2030
Babcock St	Foundation Park	Interchange	Widen Road (2 to 4 Lanes)	2030
Malabar Rd	Babcock St	US 1	Widen Road (2 to 4 Lanes)	2030
New Route - Grissom Corridor	Titusville / Cocoa		New Route	2030
Malabar Rd	Minton Rd	St. Johns Heritage Parkway	Widen Road (2 to 4 Lanes)	2035
Babcock St	Interchange	Indian River County	Widen Road (2 to 4 Lanes)	2035
Bombardier Blvd	St. Johns Heritage Parkway	Degroodt Rd	Widen Road (2 to 4 Lanes)	2035
Clearlake	Michigan	Industry	Widen Road (2 to 4 Lanes)	2035
Culver Dr	Emerson Dr	Palm Bay Rd	Widen Road (2 to 4 Lanes)	2035
Fellsmere Connector	San Fillippo Drive	SR 512	New 4 Lane Road	2035
Garvey Rd	Garbelmann Rd	Bombardier Rd	Widen from 2 to 3 Lanes / New 3 Lane	2035
Pirate Ln	Babcock St	Lipscomb St	Widen Road (2 to 4 Lanes)	2035
Powerline Rd	St. Johns Heritage Parkway	Minton Rd	New 2 Lane Road	2035
Powerline Rd	Minton Rd	Hollywood Drive	New 2 Lane Road	2035
SR 524	I-95 Interchange (South)	Industry Rd	Widen Road (2 to 4 Lanes)	2035
St. Andrews	Judge Fran Jamison	Stadium Parkway	New 4 Lane Road	2035
Turtle Mound Rd Ext	Aurora Rd	Eau Gallie Blvd	New 2 Lane Road	2035
US 192	St. Johns Heritage Parkway	Wickham Rd	Widen Road (4 to 6 lanes)	2035
Washingtonia Ext	Wickham Rd	St. Johns Heritage Parkway	New 2 Lane Road (ROW for 4 Lanes)	2035
New Route - Grissom Corridor	Titusville / Cocoa		New Route	2035

Table 58 - Interim Years Project List for Flagler County

CFRPM Transportation Improvements - Flagler County				
Facility	From	To	Project Description	Year
Belle Terre Parkway	Palm Coast Parkway	Matanzas Woods Parkway	Widen to 4 Lanes	2015
Grand Reserve Blvd/ Travis Walker Trail	SR 100	US 1	New 2 Lanes Roadway	2015
Old Kings Road	Palm Coast Parkway	SR 100	Widen to 4 Lanes	2015
Palm Bay Parkway	Cypress Point	Old Kings Rd	Widen to 6 Lanes	2015
Flagler Central Commerce Parkway	SR 100	US 1	New 2 Lanes Roadway	2020
Old Kings Road	Farragut	Forest Grove	Widen to 4 Lanes	2020
Matanzas Woods Parkway	US 1	Old Kings Rd	Widen to 4 Lanes	2020
Belle Terre Parkway	Palm Coast Parkway	Pine Lakes Parkway	Widen to 6 Lanes	2025
Matanzas Woods Parkway	I-95		New Interchange	2025

Table 59 - Interim Years Project List for Ocala-Marion TPO

CFRPM Transportation Improvements - Ocala-Marion TPO				
Facility	From	To	Project Description	Year
SR 200	Citrus County Line	CR 484	Add 2 Lanes	2020
SR 35	SE 92nd Place Rd	SR 464	Add 2 Lanes	2020
NW 35th St	SW 27th Ave	US 441	Add 2 Lanes	2020
NW 44th Ave	NW 60th St	SR 326	Add 2 Lanes	2020
NE 35th St	US 441	CR 200A	Add 2 Lanes	2020
SE 92nd Loop	US 441	CR 25	New 4 Lane	2020
SE 92nd Loop	CR 25	SR 35	New 4 Lane	2020
SW 95th St	SW 49th Ave	I-75	Add 2 Lanes	2020
US 41	SW 111th Place Ln	SR 40	Add 2 Lanes	2025
NE 35th St	CR 200A	NE 36th Ave	Add 2 Lanes	2025
SE 92nd Loop	US 441	SR 35	Add 2 Lanes	2025
Emerald Road Extension	SE 92nd Place Loop	Florida Northern RR	New 2 Lane	2025
CR 25	SE 92nd Loop	SE 108th Terrace Rd	Add 2 Lanes	2025
SW 49th Ave	SW 95th St	SW 42nd St	New 4 Lane	2025
SW 95th St	Interchange at I-75		New	2025
NE 36th Ave	NE 14th St	NE 35th St	Add 2 Lanes	2025
SR 40	Interchange at I-75		Expand	2030
SR 40	SW 60th Ave	I-75	Add 2 Lanes	2030
NW 49th St	NW 44th Ave	NW 27th Ave	New 4 Lane	2030
CR 42	US 441	CR 25	Add 2 Lanes	2030
CR 464	SR 35	Oak Rd	Add 2 Lanes	2030
CR 484	SW 49th Ave	CR 475A	Add 2 Lanes	2030
NE 25th Ave	NE 14th St	NE 35th St	Add 2 Lanes	2030
SR 40	I-75	SW 27th Ave	Add 2 Lanes	2035
US 27	Interchange at I-75		Expand	2035
US 27	I-75	NW 27th Ave	Add 2 Lanes	2035
US 27	NW 44th Ave	I-75	Add 2 Lanes	2035
US 441	Sumter County Line	CR 42	Add 2 Lanes	2035
NW 49th St	Interchange at I-75		New	2035
SW 49th Ave	CR 484	SW 95th St	Add 2 Lanes	2035
CR 484	SR 200	SW 49th Ave	Add 2 Lanes	2035
SW 20th St	I-75	SR 200	Add 2 Lanes	2035

Table 60 - Interim Years Project List for Volusia TPO

CFRPM Transportation Improvements - Volusia TPO				
Facility	From	To	Project Description	Year
SR 415	Reed Ellis Rd	Seminole County Line	Widen to 4 Lanes with a bride	2020
US 17	SR 40	Ponce DeLeon Blvd	Widen to 4 Lanes	2020
I-95 Interchange	US 1			2020
Tymber Creek Road	Peruvian Rd	Airport Rd	Widen to 4 Lanes	2020
Hand Ave	Williamson Blvd	Nova Road	Widen to 4 Lanes	2020
Saxon Blvd	Enterprise Road	I-4	Widen to 6 Lanes	2020
Howland Blvd	Providence Blvd	Elkcam Blvd	Widen to 4 Lanes	2020
Graves Ave	Veteran Memorial Parkway	SR 472	Widen to 4 Lanes	2020
Westside Beltway/Kepler Rd	SR 44	US 92	Widen to 4 Lanes	2020
SR 483- Clyde Morris Blvd	Beville Road	US 92	Widen to 6 Lanes	2025
US 92	I-4	CR 415	Widen to 6 Lanes	2025
SR 472	Graves Ave	Kentucky/MLK Blvd	Widen to 6 Lanes	2025
Williamson Blvd	Airport Rd	Pioneer Trail	Extend as 4 Lane Road	2025
Williamson Blvd	LPGA Blvd	Hand Ave	Widen to 4 Lanes	2025
Tymber Creek Road	SR 40	LPGA Blvd	Extend as 2 Lane Road	2025
Airport rd	Sabal Creek	Creekside Middle	Widen to 4 Lanes	2025
Westside Beltway/Kentucky Ave	Graves Ave	SR 472	Widen to 4 Lanes	2025
Westside Beltway/VMP	VMP	Kentucky Realignment	Realign Existing Facility	2025
Westside Beltway/ VMP	Graves Ave	Harley Stickland	Widen to 4 Lanes	2025
Rhode Island Extension with I-4 overpass	Veteran Memorial Parkway	Normandy Blvd	Extend as 2 Lane Road	2025
Beresford Ave	Blue Lake Ave	Kepler Road	Extend Road	2025
Beresford Ave	Kepler Rd	SR 44	Extend Road	2025
Plymouth Ave	SR 15A	US 17/92	Widen to 3 Lanes	2025
SR 44	Voorhis Ave	Kepler Road	Widen to 4 Lanes	2030
SR 40	Cone Road	SR 11	Widen to 4 Lanes	2030
Dunn Ave	Williamson Blvd	Clyde Morris Blvd	Widen to 4 Lanes	2030
Williamson Blvd	Beville Road	Pavilion DRI	Widen to 4 Lanes	2030
Taylor Rd	Summertrees	Forest Preserve Blvd	Widen to 4 Lanes	2030
Hand Ave Extension	Williamson Blvd	Proposed Tymber Creek Rd	Extend Road	2030
Madeline Ave	Sauls	US 1	Extend as 2 Lane Road	2030
Airport Rd	Creekside Middle	Pioneer Trail	Widen to 4 Lanes	2030
Williamson Blvd	SR 44	SR 442	Extend Road	2030
Colony Park Road	SR 44	Pioneer Trail	Extend as 2 Lane Road	2030
Westside Parkway	French Ave	Rhode Island Ave Extension	Extend Road	2030
Providence Blvd	Tivoli Drive	Doyle Road	Widen to 4 Lanes	2030

Table 60 (Cont.) - Interim Years Project List of Volusia TPO

Facility	From	To	Project Description	Year
Saxon Blvd Extension	Rail Station	Westside Parkway	Extend Road	2030
Saxon Blvd Extension	Westside Parkway	US 17/92	Extend Road	2030
Dirksen Drive	US 17/92	I-4	Widen to 4 Lanes	2030
Westside Beltway/Martin Luther King	Orange Camp Road	SR 472	Widen to 4 Lanes	2030
SR 40	I-95	Tymber Creek Road	Widen to 6 Lanes	2035
SR 40	SR 11	SR 17	Widen to 4 Lanes	2035
SR 40	SR 17	Bridge at County Line	Widen to 4 Lanes	2035
Madeline Ave	Williamson Blvd	Tomoka Farms Road	Extend Road with Bridge over I-95	2035
Dunn Ave Extension	Tomoko Farms Rd	LPGA Blvd		2035
Madeline Ave	Williamson Blvd	Clyde Morris Blvd	Widen to 4 Lanes	2035
LPGA Blvd	Nova Rd	US 1	Widen to 4 Lanes	2035
Williamson Blvd	Pioneer Trail	SR 44	Extend as 2 Lane Road	2035
Southeast Volusia North-South Connector Road	Old Mission	Volco Road		2035
Westside Parkway	Rhode Island Extension	Donald Smith Blvd	Extend Road	2035
Providence Blvd	Howland Blvd	Fort Smith Blvd	Widen to 4 Lanes	2035
Westside Parkway	McGregor Rd	Hamilton Ave	Extend Road	2035
Doyle Road	Providence Blvd	SR 415	Widen to 4 Lanes	2035
Westside Beltway/Kepler Rd	SR 44	Orange Camp Road	Extend Road	2035

Table 61 - Interim Years Project List for METROPLAN ORLANDO

CFRPM Transportation Improvements - MetroPlan Orlando		
Project Name	Improvement	Year
Airport Blvd (US 17-92 to Mellonville Ave)	Widen 2-4	2015
Airport Blvd. Extension (S R 46 to C-15/Monroe Rd)	New 4 lanes	2015
Alden Rd (Orange Ave. to Rollins St)	New 2 lanes	2015
All American Blvd (Clarcona-Ocoee Rd to S R 434/Fores t City Rd)	Realignment, new 4 lanes	2015
Andes Ave (Lake Underhill Rd to Fairgreen St)	New 2 lanes	2015
Andes Ave (Lake Underhill Rd to Fairgreen St)	New 2 lanes	2015
Apopka-Vineland Rd/CR 435 (Darlene Rd to Kilgore Rd)	Widen 4-6	2015
Apopka-Vineland Rd/CR 435 (Winter Garden-Vineland Rd to Fenton Rd)	Widen 4-6	2015
Augusta National Dr (Bent Pine Dr/Fountains at Lee Vista Apt. to Hoffner Ave.)	New 2 lanes	2015
Beulah Rd (Marshall Farms Rd to SR 50/Colonial Dr)	Widen 2-4	2015
Bill Beck Blvd (Kissimmee Charter School to Osceola Pkwy)	New 2 lane	2015
Boggy Creek Rd (Hilliard Isle to Osceola Pkwy)	Widen 2-4	2015
Boggy Creek Rd (Jetport Dr to S R 417)	Widen 2-4	2015
Boggy Creek Rd (Osceola County Line to S R 417)	Widen 2-4	2015
Boggy Creek Rd (Osceola Pkwy to E. Boggy Creek Rd)	Widen 2-4, 2 lane bridge	2015
Boone Ave (Anderson St to Lucerne Terr)	New 2 lanes	2015
C.R. 419 [Chuluota Bypass (Snowhill Rd) to Orange County Line]	Widen 2-4	2015
C.R. 427 (S R 434 to Longwood-Lake Mary Rd)	Widen 4-6	2015
Canadian Court Ext (International Dr to John Young Pkwy)	New 4 lanes	2015
Canoe Creek Rd, Kenansville (Harvey Rd to Keansville Rd)	add turn lanes, reconstruct 2-5	2015
Carrier Dr (Grand National Dr to Universal Blvd)	Widen 2-4	2015
Carroll St (John Young Pkwy to US 441)	Widen 3-4	2015
Conroy-Windermere Rd (Lake St to Apopka-Vineland Rd)	Widen 2-4	2015
CR 46A (International Pkwy to Rinehart Rd)	Widen 4-6	2015
CR 535/Winter Garden-Vineland Rd (Ficquette Rd/Hancock Rd to Tilden Rd)	Widen 4-6	2015
CR 535/Winter Garden-Vineland Rd (Tilden Rd to SR 429)	Widen 4-6	2015
Dean Rd (S R 426 to the Orange County Line)	Widen 2-4	2015
Division Ave (Gore St to Michigan St)	Widen 2-4	2015
Division Ave (Gore St to Michigan St)	Widen 2-4	2015
Dowden Rd (Narcoossee Rd to S R 417/Greenway)	New 4 lanes	2015
Dowden Rd (Narcoossee Rd to S R 417/Greenway)	Widen 4-6	2015
Dowden Rd (Narcoossee Rd to S R 417/Greenway)	Widen 4-6	2015
Econlockhatchee Tr (City Limits to Lee Vista Blvd)	Widen 2-4	2015
Econlockhatchee Tr (Curry Ford Rd to S R 50/Colonial Dr)	Widen 2-4	2015
Econlockhatchee Tr (Lee Vista Blvd to Dowden Rd)	New 4 lanes	2015
Econlockhatchee Tr (Orlando City Limits to Curry Ford Rd)	Widen 2-4	2015
Fairgreen St (Maguire Blvd Old Cheney Hwy)	New 2 lanes	2015
Fenton St (Apopka-Vineland Rd to Palm Pkwy.)	Realignment, new 4 lanes	2015
Grand National Dr Overpass (Oak Ridge Rd to E. Half of Caravan Ct)	New 4 lanes	2015

Table 61(Cont.) - Interim Years Project List for METROPLAN ORLANDO

CFRPM Transportation Improvements - MetroPlan Orlando		
Project Name	Improvement	Year
Grand National Dr/Greenbrier Pkwy (Sand Lake Rd to International Dr)	Widen 2-4 and align	2015
Hazeltine National Dr (1500' E of TP C Blvd to Goldenrod Rd)	New 4 lanes	2015
Hazeltine National Dr (Goldenrod Rd to Narcoossee Rd)	New 4 lanes	2015
Hazeltine National Dr (Narcoossee Rd to E Conlockhatchee Tr)	New 4 lanes	2015
Hoagland Blvd/Pleasant Hill Rd (US 17-92 to US 192)	Widen 2-4	2015
Howell Branch Rd (Orange County Line to SR 436)	Widen 4-6	2015
International Dr (Carrier Dr to Oak Ridge Rd)	Capacity Improvements	2015
International Dr (S) (SR 417/Greenway to S. Westwood Blvd)	Widen 4-6	2015
International Dr (S) (SR 535/Vineland Rd to SR 417/Greenway)	New 6-Lane RdWY	2015
International Dr South (S. Westwood Blvd to N. Westwood Blvd)	Widen 4-6	2015
John Young Pkwy (Parnell to Orange County Line)	New interchange, 6 lane approach	2015
Lake Mary Boulevard (Country Club Rd to SR 46)	Widen 4-6	2015
Lake Mary Boulevard (Rinehart Rd to Country Club Rd)	Widen 4-6	2015
Lake Nona E/W Rd (Boggy Creek Rd to Narcoossee Rd)	New 4 lanes	2015
Lake Nona Eastern Rd (Lake Nona N/S Rd to Narcoossee Rd)	New 4 lanes	2015
Lake Underhill Rd (Chickasaw Tr To Dean Rd)	Widen 2-4	2015
Lake Underhill Rd (Dean Rd to Rouse Rd)	Widen 2-4	2015
Lake Underhill Rd (Goldenrod Rd to Chickasaw Tr)	Widen 2-4	2015
Lee Vista Blvd (ConWy Rd to 1900' W of SR 436/Semorlan Blvd)	Widen 2-4	2015
Lee Vista Blvd (SR 417 to Young Pine Rd)	New 4 lanes	2015
Lockwood Boulevard (CR 419 to CR 426)	Widen 2-4	2015
Lucerne Terr (Sylvia Ln. to Miller St)	Widen and Realign	2015
Lucerne Terr (Sylvia Ln. to Miller St)	Widen and Realign	2015
Metrowest Blvd (Kirkman Rd to Mission Rd)	New 2 lanes	2015
Mission Rd (Conroy Rd to Metrowest Ext)	New 4 lanes	2015
Mission Rd (Metrowest Blvd to Old Winter Garden)	Widen 2-4	2015
Mission Rd (Metrowest Blvd to Old Winter Garden)	New 2 lanes	2015
Mitchell Hammock Rd (SR 426 to SR 434)	Widen 4-6	2015
Mitchell Hammock Rd Extension (Lockwood Blvd. to CR 419)	New 4 lanes	2015
Moss Park Rd Ext (Moss Park Rd to Innovation Place)	New 4 lanes	2015
Narcoossee Rd (SR 417 to SR 528)	Widen 4-6	2015
Osceola Pkwy (John Young Pkwy to US 441/Orange Blossom Tr)	Widen 4-6	2015
Osceola Pkwy at US 441/Orange Blossom Tr	Add right turn lanes	2015
Pine Hills Rd (S. Overland Rd to Beggs Rd)	Realignment	2015
Pine Hills Rd Ext (Apopka Blvd to US 441)	New 4 lanes	2015
Pine Hills Rd Ext (Beggs Rd to Apopka Blvd)	New 4 lanes	2015
Pine St (Hughey Ave. to Garland Ave.)	New 2 lanes	2015
Pleasant Hill Rd/Hoagland (US 17-92 to Pershing St)	Widen 2-4	2015
Poinciana Blvd (Crescent Lakes Wy to Pleasant Hill Rd)	Widen 2-4	2015

Table 61(Cont.) - Interim Years Project List for METROPLAN ORLANDO

CFRPM Transportation Improvements - MetroPlan Orlando		
Project Name	Improvement	Year
Reams Rd (2500' south of CR 535 to CR 535)	Realignment, widen 2-4	2015
Shadowridge Rd (Lee Vista Blvd to Hoffner Ave.)	New 4 lanes	2015
Shady Lane (US 192 to Partin Settlement Rd)	Widen 2-4	2015
Sherberth Rd (Black Lake Rd at US 192)	Re-align intersection	2015
Sand Lake Rd (SR 434 to West Lake Brantley Rd)	Widen 2-4	2015
Seminola Boulevard (U.S. 17/92 to Lake Drive)	Widen 4-6	2015
Shadowridge Rd (Forbes Place to Hazeltine National Dr)	New 4 lanes	2015
Shadowridge Rd (Lee Vista Blvd to Hoffner Ave.)	New 4 lanes	2015
Taft-Vineland Rd Ext (Central Florida Pkwy to John Young Pkwy)	New 4 lanes	2015
Terry Ave (Anderson S t to Robinson S t)	Capacity Improvements	2015
Terry Ave (Gore S t to Anderson S t)	New 2 lanes	2015
Terry Ave (Robinson S t to S R 50/Colonial Dr)	New 2 lanes	2015
US 192 (Lake Co. Line to S ecret Lake Dr)	Widen 4-6	2015
Wallace Rd (Dr Phillips Blvd to Turkey Lake Rd)	Widen 2-4	2015
Wildwood Ave (International Dr to P alm P kwy.)	New 4 lanes , bridge	2015
Winter Garden-Vineland R d (F icquette R d to S outhern Wy)	Widen 2-4	2015
Winter Garden-Vineland R d (Magnolia P k. Ct to s outh of S R 429)	Widen 2-4	2015
A.D. Mims Rd (Clarke Rd to Apopka-Vineland Rd)	Widen 2-4	2020
A.D. Mims Rd (Wurst Rd to Clarke Rd)	Widen 2-4	2020
Apopka-Vineland Rd/CR 435 (A.D.Mims Rd to Clarcona-Ocoee Rd)	Widen 4-6	2020
Apopka-Vineland Rd/CR 435 (Balboa Dr to SR 438/S ilver Star Rd)	Widen 4-6	2020
Apopka-Vineland Rd/CR 435 (Fenton Rd to Darlene Rd)	Widen 4-6	2020
Apopka-Vineland Rd/CR 435 (Kilgore Rd to S andlake Rd)	Widen 4-6	2020
Avalon Rd (CR 545) (Mckinney Rd to Tilden Rd)	Widen 2-4	2020
Avalon Rd (CR 545) (S eidel Rd to Mckinney Rd)	Widen 2-4	2020
Avalon Rd (CR 545) (S iplin Rd to S R 50/Colonial Dr)	Widen 2-4	2020
Avalon Rd (CR 545) (S R 50/Colonial Dr to Oakland Ave/S R 438)	Widen 2-4	2020
Avalon Rd (CR 545) (Tilden Rd to S iplin Rd)	Widen 2-4	2020
Avalon Rd (CR 545) (US 192 to S eidel Rd)	Widen 2-4	2020
Boggy Creek Rd (Dowden Rd to Landstreet Rd)	Widen 4-6	2020
Boggy Creek Rd (S IS Connector) (Landstreet Rd to S and Lake Rd)	Widen 4-6	2020
Boggy Creek Rd (Wetherbee Rd to Tradeport Dr)	Widen 4-6	2020
Bowness Rd/Kissimmee Ave (Ocoee) (S tory Rd to S Kissimmee Ave)	Widen 2-4	2020
Buenaventura Blvd (Buttonwood Rd to Orange County Line)	Widen 4-6	2020
Central Florida Pkwy (International Dr to SR 423/John Young Pkwy)	Widen 4-6	2020
Central Florida Pkwy (Turkey Lake Rd to International Dr)	Widen 4-6	2020
Chickasaw Tr (Cascade Oaks Dr to Curry Ford Rd)	Widen 2-4	2020
Citrus Oaks Ave (S R 50/Colonial Dr to Old Winter Garden R d)	Widen 2-4	2020
Clarcona R d (Gilliam R d to Keene S t)	Widen 2-6	2020

Table 61(Cont.) - Interim Years Project List for METROPLAN ORLANDO

CFRPM Transportation Improvements - MetroPlan Orlando		
Project Name	Improvement	Year
Clarcona Rd/Apopka/Vineland Rd (Clarcona-Ocoee Rd to Gilliam Rd)	Widen 2-6	2020
Clarcona-Ocoee Rd (Apopka-Vineland Rd to Hiawassee Rd)	Widen 4-6	2020
Clarcona-Ocoee Rd (Clarke Rd to Apopka-Vineland Rd)	Widen 4-6	2020
Clarcona-Ocoee Rd (Fullers Cross Rd to West Rd)	Widen 2-4	2020
Clarke Rd (SR 438/Silver Star Rd to White Rd)	Widen 4-6	2020
Clarke Rd (White Rd to SR 50/Colonial Dr)	Widen 4-6	2020
ConWy Rd (Hoffner Rd to Gatlin Ave)	Widen 4-6	2020
CR 419 (Chuluota Rd) (Lake Pickett Rd to SR 50/Colonial Dr)	Widen 2-4	2020
CR 419 (Chuluota Rd) (Seminole Co. Line to Lake Pickett Rd)	Widen 2-4	2020
CR 419 (CR 426 to 0.30 Miles West of Lockwood Blvd)	Widen 2-4	2020
CR 427 (County Home Rd to Lake Mary Blvd)	Widen 4-6	2020
CR 427 (Longwood Lake Mary Blvd to SR 419)	Widen 4-6	2020
CR 427 (North St to Seminole Blvd/Dog Track Rd)	Widen 4-6	2020
CR 427 (Seminole Blvd/Dog Track Rd to SR 434)	Widen 4-6	2020
CR 427 (SR 419 to US 17-92)	Widen 4-6	2020
CR 427 (SR 436 to North St)	Widen 4-6	2020
CR 427 (US 17-92 to County Home Rd)	Widen 4-6	2020
CR 532 (Nova Rd) (Osceola Co. Line to SR 520)	Widen 2-4	2020
CR 535 (Winter Garden-Vineland Rd) (Chase Rd to Ficquette Rd/Hancock Rd)	Widen 4-6	2020
CR 535 (Winter Garden-Vineland Rd) (Reams Rd to Chase Rd)	Widen 4-6	2020
CR 535/Winter Garden-Vineland Rd (Roper Rd to SR 50/Colonial Dr)	Widen 4-6	2020
CR 535/Winter Garden-Vineland Rd (SR 429 to Roper Rd)	Widen 2-6	2020
Dowden Rd (4th St) (Orange Ave to Boggy Creek Rd)	Widen 2-6	2020
Eden Drive - Jones Connection (Jones Rd (Narcoossee Rd) to Eden Dr)	New 2 lane	2020
Funie Steed Rd (Westside to Morgan Williams)	Intersection Improvements	2020
Geneva St (Ocoee) (Bluford Ave to Bowness Rd)	Widen 2-4	2020
Goodman Rd (Tri County Rd to Sand Mine Rd)	Pave 2 lanes	2020
Ham Brown Rd (US 17-92 to Cypress Shadows Blvd)	Widen 2-4	2020
Hempel Ave (Gotha Rd to Old Winter Garden Rd)	Widen 2-4	2020
Ingram Rd (McCormick Rd to Clarcona-Ocoee Rd)	Widen 2-4	2020
Lake Pickett Rd (SR 50/Colonial Dr to Percival Rd)	Widen 2-4	2020
Lakeville Rd (Beggs Rd to Apopka Blvd)	Widen 2-4	2020
Lakeville Rd (Clarcona-Ocoee Rd to Beggs Rd)	Widen 2-4	2020
Landstar Blvd (Osceola Co. Line to SR 417/Greenway)	Widen 4-6	2020
Landstar Blvd (SR 417/Greenway to Wetherbee Rd)	Widen 4-6	2020
Maguire Rd (Mars hall Farms Rd to Story Rd)	Widen 2-4	2020
Maguire Rd (SR 50/Colonial Dr to Mars hall Farms Rd)	Widen 2-4	2020
Mars hall Farms Rd (Beulah Rd to Windermere Rd)	Widen 2-4	2020
Marsh Rd (Lake Co. Line to Avalon Rd)	Widen 2-4	2020

Table 61 (Cont.) - Interim Years Project List for METROPLAN ORLANDO

CFRPM Transportation Improvements - MetroPlan Orlando		
Project Name	Improvement	Year
Mc Kinnon R d (CR 332) (Lake Butler R d to Windermere R d)	Widen 2-4	2020
McCormick R d (Ocoee-Apopka R d to Ingram R d)	Widen 2-4	2020
Michigan Ave (Carroll S t to Os ceola P kwy)	Reconstruct 4-6	2020
Mitchell Hammock R d (S R 434 to Lockwood Blvd)	Widen 4-6	2020
Narcoos s ee R d (US 192-441 to Orange County Line)	Widen 4-6	2020
Oakland Ave (Lake Co. Line to Tubb S t)	Widen 2-4	2020
Oakland Ave (Tubb S t to Avalon R d)	Widen 2-4	2020
Ocoee-Apopka R d (F ullers Cros s R d to Wes t R d)	Widen 4-6	2020
Ocoee-Apopka R d (McCormick R d to Binion R d)	Widen 2-4	2020
Ocoee-Apopka R d (Wes t R d to McCormick R d)	Widen 2-4	2020
Old Dixie HighWy (Os ceola P kwy To Orange County Line)	Widen 2-4	2020
Old Lake Wils on R d (Livings ton R d to S inclair R d)	Reconstruct from 2-4	2020
Old Vineland R d (US 192 to P rinces s Hwy)	Widen to 24' urban s ection	2020
Orangewood Blvd (S R 528/Beachline to Central F lorida P kwy)	Widen 4-6	2020
Os ceola P kwy (US 441/Orange Blos s om Tr to S R 91/F lorida's Turnpike)	Widen 6+ to 8+	2020
Os ceola P kwy at S R 91/F lorida's Turnpike	New interchange	2020
P iedmont-Wekiwa S pring R d/Haiwas s ee R d (Apopka Blvd to US 441/Orang	Widen 4-6	2020
P lymouth-S orrento R d (CR 437) (Kelly P ark R d to P onkan R d)	Widen 2-4	2020
P lymouth-S orrento R d (CR 437) (P onkan R d to US 441/Orange Blos s om Tr	Widen 2-4	2020
Poinciana Blvd (US 192 at S R 535)	Add auxiliary lanes	2020
Polynesian Isle Blvd (US 192 to S R 535)	Remove bottleneck 3 lanes to 4 l	2020
R inehart R d (CR 46A to S R 46)	Widen 4-6	2020
R inehart R d (Lake Mary Blvd to Timacuan Blvd)	Widen 4-6	2020
Reams Rd (Center Dr to CR 435/Winter Garden-Vineland Rd)	Widen 2-6	2020
Reams Rd (Lake Hancock Rd to Center Dr)	Widen 2-6	2020
Roberson Rd (Windermere Rd to Maguire Rd)	Widen 2-4	2020
Rock Springs Rd (Welch Rd to Ponkan Rd)	Widen 4-6	2020
S tory Rd (9th S t to Carter Rd)	Widen 2-4	2020
S tory Rd (Carter Rd to Bowness Rd/Kissimmee Ave)	Widen 2-4	2020
SR 46 (Orange Ave/Wekiwa Pkwy to Orange Blvd)	Widen 2-4	2020
SR 46 (SR 415 to CR 426)	Widen 2-4	2020
Taft-Vineland Rd (General Blvd to Orange Ave)	Widen 4-6	2020
Tanner Rd (South) (SR 50/Colonial Dr to Lake Pickett Rd)	Widen 2-3	2020
Tilden R d (Avalon R d to Winter Garden-Vineland R d)	Widen 2-4	2020
Turkey Lake Rd (Central Florida Pkwy to S and Lake Commons Blvd)	Widen 4-6	2020
Turkey Lake Rd (Sand Lake Commons Blvd to S and Lake Rd)	Widen 4-6	2020
Tuskawilla Rd (Eagle Blvd to Lake Dr)	Widen 4-6	2020
Tuskawilla Rd (Red Bug Lake Rd to Eagle Blvd)	Widen 4-6	2020
Tuskawilla Rd (S R 426 to Dike Rd)	Widen 4-6	2020

Table 61 (Cont.) - Interim Years Project List for METROPLAN ORLANDO

CFRPM Transportation Improvements - MetroPlan Orlando		
Project Name	Improvement	Year
Universal Blvd (S and Lake Rd to Pointe Plaza Ave)	Widen 4-6	2020
Wallace Rd (Apopka-Vineland Rd to Dr Phillips Blvd)	Widen 2-4	2020
Warrior Rd (Windermere Rd (W) to Windermere Rd (E))	Widen 2-4	2020
Welch Rd (Rock Springs Rd to Thompson Rd)	Widen 2-4	2020
Windermere Rd (Mars Hall Farms Rd to Warrior Rd)	Widen 2-4	2020
Windermere Rd / Tomy Rd (Roberson Rd to Maguire Rd)	Widen 2-4	2020
Winter Park Dr (Seminola Blvd to SR 434)	Widen 2-4	2020
Wymore Rd (Lee Rd to Kennedy Blvd)	Widen 2-4	2020
Young Pine Rd (Lamberton Rd to Lee Vista Blvd)	Widen 2-4	2020
Alafaya Tr (Curry Ford Rd to Avalon Park Blvd)	Widen 4-6	2025
Apopka-Vineland Rd/CR 435 (Conroy-Windermere Rd to Old Winter Garden Rd)	Widen 4-6	2025
Apopka-Vineland Rd/CR 435 (S and Lake Rd to Conroy-Windermere Rd)	Widen 4-6	2025
Apopka-Vineland Rd/CR 435 (SR 50/Colonial Dr to Balboa Dr)	Widen 4-6	2025
Bill Beck Blvd (Boggy Creek Rd to US 192)	Left turn lanes in median	2025
Binion Rd (Boy Scout Rd to Lust Rd)	Widen 2-4	2025
Binion Rd (Ocoee-Apopka Rd to Boy Scout Rd)	Widen 2-6	2025
Boggy Creek Rd (Osceola Co. Line to SR 417/Greeneway)	Widen 4-6	2025
Boggy Creek Rd (SR 417/Greeneway to Wetherbee Rd)	Widen 4-6	2025
Boggy Creek Rd (Tradeport Dr to Dowden Rd)	Widen 4-6	2025
Carroll Street (Old Dixie Hwy to Michigan Ave)	Reconstruct 4-5	2025
Carroll Street (Thacker Ave to John Young Pkwy)	Reconstruct 4-6	2025
Central Ave (US 192 to Donegan Ave)	Add right turn lane	2025
Clarcona Rd (Keene St to Cleveland St)	Widen 2-6	2025
Clarcona-Ocoee Rd (Adair St to Clarke Rd)	Widen 4-6	2025
Clarke Rd (Hackney-Prairie Rd to A.D. Mims Rd)	Widen 4-6	2025
ConWy Rd (Judge Rd to Hoffner Rd)	Widen 4-6	2025
ConWy Rd (McCoy Rd to Judge Rd)	Widen 4-6	2025
CR 532/Osceola Polk Line Rd (Old Lake Wilson Rd/CR 545 to US 17-92)	Widen 2-4	2025
CR 535 (Winter Garden-Vineland Rd) (Buena Vista Dr to Reams Rd)	Widen 4-6	2025
Cypress Pkwy (Doverplum Ave to Marigold Ave)	Widen 4-6	2025
Donegan Ave (John Young Pkwy to US 441/Orange Blossom Tr)	Reconstruct 3-5	2025
Donegan Ave (US 441/Orange Blossom Tr to Michigan Ave)	Improvements at 3 intersections	2025
Ficquette Rd-Hancock Rd (Lake Hancock Rd to 600' W of Overstreet Rd)	Widen 2-4	2025
Ft. Christmas Rd (Seminole Co. Line to SR 50/Colonial Dr)	Widen 2-4	2025
Fullers Cross Rd (Ocoee-Apopka Rd to Clarcona-Ocoee Rd)	Widen 4-6	2025
Good Homes Rd (Old Winter Garden Rd to SR 408)	Widen 4-6	2025
Good Homes Rd (SR 408 to SR 50/Colonial Dr)	Widen 4-6	2025
Hempel Ave (Windy Ridge Rd to Gotha Rd)	Widen 2-4	2025
Hiawassee Rd (Beggs Rd to Apopka Blvd)	Widen 4-6	2025

Table 61 (Cont.) - Interim Years Project List for METROPLAN ORLANDO

CFRPM Transportation Improvements - MetroPlan Orlando		
Project Name	Improvement	Year
Hiawassee Rd (Clarcona-Ocoee Rd to Beggs Rd)	Widen 4-6	2025
International Dr (S) (Osceola Co. Line to S R 535/Vineland Rd)	Widen 6-8	2025
Kelly Park Rd (Plymouth-Sorrento Rd to Rock Springs Rd)	Widen 2-4	2025
Kelly Park Rd (Round Lake Rd to Plymouth-Sorrento Rd)	Widen 2-4	2025
Kissimmee Park Rd at Old Canoe Creek Rd	Intersection Improvement	2025
Lake Hancock Rd (Seidel Rd to Reams Rd)	Widen 2-4	2025
Lake Pickett Rd (Percival Rd to S. Tanner Rd)	Widen 2-4	2025
Maguire Rd (Gotha Rd to Roberts Rd)	Widen 2-4	2025
Maitland Ave (US 17-92 to Seminole Co. Line)	Widen 4-6	2025
Marigold Ave (East Bourne to Cypress Pkwy)	Widen 4-6	2025
Mars Hall Farms Rd (S R 50/Colonial Dr to Maguire Rd)	Widen 2-4	2025
McCormick Rd (Ingram Rd to Apopka-Vineland Rd)	Widen 2-4	2025
Moss Park Rd (Lake Hart Rd to Lake Mary Jane Rd)	Widen 2-4	2025
Ocoee-Apopka Rd (Binion Rd to Harmon Rd)	Widen 2-4	2025
Ocoee-Apopka Rd (Harmon Rd to Bradshaw Rd)	Widen 2-4	2025
Ocoee-Apopka Rd/Michael Gladden Blvd (Bradshaw Rd to Central Ave)	Widen 2-4	2025
Old Boggy Creek Rd (Denn John Rd to Boggy Creek Rd)	Widen 2-4	2025
Old Melbourne HighWy (US 192 to Bronco Dr)	Reconstruct 2-5	2025
Old Tampa Hwy (US 17-92 to Poinciana Blvd)	Reconstruct from 2-4	2025
Old US 441 (US 441/Orange Blossom Tr to Lake Co. Line)	Widen 2-4	2025
Orlando Ave (Ocoee) (Bluford Ave to Montgomery Ave)	Widen 2-4	2025
Osceola Pkwy (Interstate 4 to S R 417/GreeneWy)	Widen 6-8	2025
Osceola Pkwy (John Young Pkwy to US 441/Orange Blossom Tr)	Widen 6-8	2025
Osceola Pkwy (Toll) (S R 417/GreeneWy to S R 535/Wineland Rd)	Widen 4-6	2025
Osceola Pkwy (Toll) (S R 535/Wineland Rd to John Young Pkwy)	Widen 4-6	2025
Osceola Pkwy Extension (0.25 miles E of Tidewater Rd to S R 417 Ext)	New 4-Lane Limited Access	2025
Pine Hills Rd (Clarcona-Ocoee Rd to Beggs Rd)	Widen 4-6	2025
Plymouth-Sorrento Rd (CR 437) (Lake Co. Line to Kelly Park Rd)	Widen 2-4	2025
Poinciana Blvd (US 192 to one mile north of Old Tampa Hwy)	Widen 4-6	2025
Ponkan Rd (Plymouth-Sorrento Rd to Rock Springs Rd)	Widen 2-4	2025
Ponkan Rd (US 441/Orange Blossom Tr to Plymouth-Sorrento Rd)	Widen 2-4	2025
Professional Pkwy (Maguire Rd to Old Winter Garden Rd)	Widen 4-6	2025
Rock Springs Rd/Park Ave (Apopka) (US 441/Orange Blossom Tr to Votaw Rd)	Widen 4-6	2025
Rock Springs Rd/Park Ave (Apopka) (Votaw Rd to Welch Rd)	Widen 4-6	2025
Rose Ave (Clarcona-Ocoee Rd to US 441/Orange Blossom Tr)	Widen 2-4	2025
Round Lake Rd (Kelly Park Rd to Lake Co. Line)	Widen 2-4	2025
Simpson Rd (Florida Turnpike to Fortune Rd)	Reconstruct 2-4, new overpass	2025
Southport Rd (Pleasant Hill Rd to Southport Bay Dr)	Widen 2-4	2025
Story Rd (Plant St to 9th St)	Widen 2-4	2025

Table 61 (Cont.) - Interim Years Project List for METROPLAN ORLANDO

CFRPM Transportation Improvements - MetroPlan Orlando		
Project Name	Improvement	Year
Sadler Ave (Lake Co. Line to US 441/Orange Blossom Tr)	Widen 2-4	2025
Seidel Rd (Avalon Rd to Lake Hancock Rd)	Widen 2-4	2025
SR 415 (CR 415 to Volusia County Line)	Widen 2-4	2025
SR 415 (SR 46 to CR 415)	Widen 2-4	2025
SR 419 (Edgemon Ave to US 17-92)	Widen 2-4	2025
SR 419 (SR 434 to Edgemon Ave)	Widen 2-4	2025
SR 426 (Orange County Line/Old Howell Branch Rd to Tuskawilla Rd)	Widen 4-6	2025
SR 426 (Pine Ave to SR 434)	Widen 2-4	2025
SR 426 (SR 434 to CR 426)	Widen 2-4	2025
SR 426 (Tuskawilla Rd to SR 417 (Greenway))	Widen 4-6	2025
SR 434 (DeLeon St to SR 426)	Widen 2-4	2025
SR 434 (Edgemon Ave to US 17-92)	Widen 4-6	2025
SR 434 (Sand Lake Rd to Calabria Dr)	Widen 4-6	2025
SR 434 (SR 417 to DeLeon St)	Widen 2-4	2025
SR 434 (SR 419 to Edgemon Ave)	Widen 4-6	2025
SR 434 (SR 426 to Mitchell Hammock Rd)	Widen 2-4	2025
SR 434 (Trailwood Dr to Maitland Blvd/Orange County Line)	Widen 4-6	2025
SR 434 (US 17-92 to CR 427/Ronald Regan Pkwy)	Widen 4-6	2025
SR 434 (Wekiva Springs Rd/Montgomery Rd to Sand Lake Rd)	Widen 4-6	2025
SR 436 (Lake Howell Rd to Lake Howell Ln)	Widen 6-8	2025
SR 436 (Orange County Line to Lake Harriet Dr)	Widen 6-8	2025
SR 436 (Palm Springs Dr to US 17-92)	Widen 6-8	2025
SR 436 (US 17-92 to Wilshire Dr)	Widen 6-8	2025
SR 46 (CR 426 to Volusia County Line)	Widen 2-4	2025
Taft-Vineland Rd (US 441/Orange Blossom Tr to General Blvd)	Widen 4-6	2025
Tanner Rd (North) (Lake Pickett Rd to Seminole Co. Line/McCulloch Rd)	Widen 2-3	2025
Welch Rd (Thompson Rd to Wekiwa Springs Rd)	Widen 2-4	2025
Woodcrest Blvd (Michigan Ave to Orchid Ln)	Widen 2-4	2025
Wurst Rd (Adair St to A.D Mims Rd)	Widen 2-4	2025
Wurst Rd (Lakewood Ave to Adair St)	Widen 2-4	2025
Wymore Rd (Kennedy Blvd to Maitland Blvd)	Widen 2-4	2025
Apopka-Vineland Rd/CR 435 (SR 438/Silver Star Rd to A.D. Mims Rd)	Widen 4-6	2030
Bluford Ave (Geneva St to Orlando Ave)	Widen 2-3	2030
Bluford Ave (McKey St to SR 438/Silver Star Rd)	Widen 2-3	2030
Bluford Ave (Orlando Ave to McKey St)	Widen 2-3	2030
Bluford Ave (SR 50/Colonial Dr to Geneva St)	Widen 2-3	2030
Boggy Creek DRI Rd F (Osceola Co. Line to Wyndham Lakes Blvd)	New 4-Lane Rd	2030
Boggy Creek Rd/CR 530 (Buenaventura Blvd to Osceola Pkwy)	Widen 4-6	2030
Boggy Creek Rd/CR 530 (Fortune Rd to Buenaventura Blvd)	Widen 4-6	2030

Table 61 (Cont.) - Interim Years Project List for METROPLAN ORLANDO

CFRPM Transportation Improvements - MetroPlan Orlando		
Project Name	Improvement	Year
Boggy Creek Rd/CR 530 (Orange Co. Line to Narcoossee Rd)	Widen 2-4	2030
Boggy Creek Rd/CR 530 (Osceola Pkwy to Orange Co. Line)	Widen 4-6	2030
Bowness Rd (Ocoee) (S Kissimmee Ave to Franklin St)	Widen 2-4	2030
Brengle Ave (New Hampshire St to WD Judge Rd)	New 2 lanes	2030
Carroll St (Columbia Ave to Thacker Ave)	Widen 2-6	2030
Carroll St (John Young Pkwy to US 441/Orange Blossom Tr)	Widen 4-6	2030
Carroll St (US 441/Orange Blossom Tr to Old Dixie Hwy)	Widen 2-4	2030
Chickasaw Tr/Vista Park Blvd (0.5 miles N of Lee Vist Blvd to Cascade Dr)	Widen 2-4	2030
Clarcona-Ocoee Rd (West Rd to Adair St)	Widen 4-6	2030
Clarke Rd (A.D. Mims Rd to SR 438/Silver Star Rd)	Widen 4-6	2030
Clarke Rd (Clarcona-Ocoee Rd to Hackney-Prairie Rd)	Widen 4-6	2030
CR 438A (Kennedy Blvd/Lake Ave) (Keller Rd to Wymore Rd)	Widen 4-6	2030
CR 438A (Kennedy Blvd/Lake Ave) (Wymore Rd to US 17-92)	Widen 2-4	2030
Dowden Rd (Greenshire Wy to Pine Lily St)	Widen 2-4	2030
Dowden Rd (Lake Nona N/S Rd to Greenshire Wy)	New 4 lanes	2030
Glenridge Wy (Winter Park Rd to Lakemont Ave)	Widen 2-4	2030
International Dr (N Hawaiian Ct to Sand Lake Rd)	Widen 4-6	2030
J Lawson Blvd (Wyndham Lakes Blvd to Boggy Creek Rd)	New 4-Lane RdWy	2030
Jones Ave (US 441/Orange Blossom Tr to Lake Co. Line)	Widen 2-4	2030
Lake Bryan Beach Blvd (SR 535/Vineland Rd to Westwood Blvd Ext)	New 4-Lane RdWy	2030
Lake Destiny Dr (N of Lee Rd to S of Kennedy Blvd)	New 2-Lane RdWy	2030
Lake Nona E /W Rd #2 (Boggy Creek Rd to Lake Nona N/S Rd)	New 4 lanes	2030
Lake Nona N/S Rd (Lake Nona Bv to Heintzelman Rd)	New 4 lanes	2030
Lake Nona Southern Connector (Lake Nona E /W Rd #2 to Boggy Creek Rd)	New 4 lanes	2030
Lee Vista Blvd (SR 436/Semoran Blvd to Narcoossee Rd)	Widen 4-6	2030
Magnolia Ave (Anderson St to Orange Av)	New 2 lanes	2030
Maguire Bv (Robinson St to Colonial Dr)	Widen 4-6	2030
Maguire Rd/Main St (1350' S of Lake Butler Blvd to Gotha Rd)	Widen 2-4	2030
Main St (Windermere) (6th Ave to 1350' S of Lake Butler Blvd)	Widen 2-4	2030
Main St (Windermere) (Chesler Rd to 6th Ave)	Widen 2-4	2030
McCulloch Rd (Lockwood Blvd to Old Lockwood Rd)	Widen 2-4	2030
Mt. Plymouth Rd (Kelly Park Rd to Lake Co. Line)	Widen 2-4	2030
New Hampshire St (Texas Ave to Stanhome Wy)	New 2 lanes	2030
Ocoee-Apopka Rd (SR 438/Silver Star Rd to Fullers Cross Rd)	Widen 4-6	2030
Old Winter Garden Rd (Apopka-Vineland Rd to Hiawassee Rd)	Widen 4-6	2030
Old Winter Garden Rd (Blackwood Ave to Hemple Ave)	Widen 4-6	2030
Old Winter Garden Rd (Citrus Oaks Ave to Good Homes Rd)	Widen 4-6	2030
Old Winter Garden Rd (Good Homes Rd to Apopka-Vineland Rd)	Widen 4-6	2030
Old Winter Garden Rd (Hemple Ave to Citrus Oaks Ave)	Widen 4-6	2030

Table 61 (Cont.) - Interim Years Project List for METROPLAN ORLANDO

CFRPM Transportation Improvements - MetroPlan Orlando		
Project Name	Improvement	Year
Old Winter Garden Rd (Professional Pkwy to Blackwood Ave)	Widen 4-6	2030
Piedmont-Wekiwa Rd (US 441/Orange Blossom Tr to SR 436/Semoran Blvd)	Widen 4-6	2030
PalM Pkwy/Turkey Lake Rd (Winter Garden-Vineland Rd to Central Florida Pkwy)	Widen 4-6	2030
Patch Rd (Bent Pine Dr to Hoffner Rd)	Widen 2-4	2030
Pershing Ave (Bumby Ave to ConWy Gardens Rd)	Widen 2-4	2030
Poinciana Blvd Extension (Osceola Co. Line to International Dr)	New 6-Lane RdWY	2030
Raleigh St (Kirkman Rd to Ivey Ln)	Widen 2-3	2030
Rock Springs Rd (Ponkan Rd to Kelly Park Rd)	Widen 4-6	2030
Round Lake Rd (Ponkan Rd to Kelly Park Rd)	Widen 2-4	2030
Sadler Ave (US 441/Orange Blossom Tr to Round Lake Rd)	Widen 2-4	2030
SR 15 (Narcoossee Rd) (SR 528/Beachline to Lee Vista Blvd)	Widen 4-6	2030
SR 436 (Howell Branch Rd to Orange County Line)	Widen 6-8	2030
SR 436 (Lake Howell Ln to Howell Branch Rd)	Widen 6-8	2030
SR 50 (Colonial Dr) (Florida's Turnpike to Avalon Rd)	Widen 6-8	2030
SR 50 (Colonial Dr) (Lake Co. Line to Florida's Turnpike)	Widen 6-8	2030
Texas Ave (Princeton St to WD Judge Rd)	New 2 Lanes	2030
Thompson Rd (SR 436/Semoran Blvd to Votaw Rd)	Widen 2-4	2030
Thompson Rd (Votaw Rd to Welch Rd)	Widen 2-4	2030
Tradeport Dr (Boggy Creek Rd to Centerport St)	Widen 4-6	2030
Tradeport Dr (Centerport St to Secure Rd)	Widen 4-6	2030
Tradeport Dr (Secure Rd to Jetport Dr)	Widen 4-6	2030
US 17-92 (Lake Mary Blvd to SR 417 (Greenway))	Widen 4-6	2030
Vista Lakes Loop (E Conlockhatchee Tr to Hazeltine Dr)	New 2 Lanes	2030
Vista Lakes Loop (Leevinta Bv to E Conlockhatchee Tr)	New 4 Lanes	2030
WD Judge Rd (John Young Pkwy to Texas Ave)	New 2 Lanes	2030
Wekiwa Springs Rd (Orchard Dr to Seminole Co. Line)	Widen 2-4	2030
Western Wy Extension (SR 429/Beltway to Avalon Rd)	New 4-Lane RdWY	2030
Westwood Blvd Extension (Wildwood Ave to International Dr)	New 4-Lane RdWY	2030
Wetherbee Rd (Landstar Blvd to Boggy Creek Rd)	Widen 4-6	2030
Wetherbee Rd (US 441/Orange Blossom Tr to Orange Ave)	Widen 4-6	2030
Wildwood Ave (Westwood Blvd Ext to International Dr)	New 4-Lane RdWY	2030
Windy Ridge Rd (Hempel Ave to Apopka-Vineland Rd)	Widen 2-4	2030
Wymore Rd (Maitland Blvd to Seminole Co. Line)	Widen 2-4	2030
Wyndham Lakes Blvd Ext (Mountleigh Ct to J Laws on Blvd)	New 4-Lane RdWY	2030

7.0 Summary

The 2035 Cost Feasible CFRPM 5.0 will be used to support transportation planning projects and applications within FDOT District 5, Space Coast TPO, Lake-Sumter MPO, Ocala/Marion TPO and the Volusia TPO. This model represents a coordinated effort between FDOT and the MPOs to create a future year model that meets the transportation planning needs of the entire region.

The 2035 Cost Feasible CFRPM 5.0 was based on the Year 2005 CFRPM 5.0 validated model and utilized the adopted MPO future year land use forecasts and transportation projects to create a foundation for four future year model alternative networks. Transportation projects were identified by the MPOs and were coded into the model. The model was run and the results of the future year alternatives were evaluated. Through an iterative process, the performances of the future transportation needs were analyzed for prioritization and funding constraints were applied, culminating in a final cost feasible transportation project list for each MPO. The 2035 Cost Feasible CFRPM 5.0 network includes the adopted cost feasible transportation projects lists for each MPO.

While many of the region's transportation needs are being addressed in the Cost Feasible Alternative, the rapid rate of regional population and employment growth will continue to strain the region's transportation system into the future.

In addition to the final 2035 Cost Feasible CFRPM 5.0 model, interim year models were also developed. The interim year models were based on the interim transportation project lists developed by the MPOs.

A benefit of the CFRPM is that it will allow regional transportation issues in Central Florida to be more easily identified and addressed as the urban areas expand and grow together. This common model, combined with the unprecedented coordination between the MPOs and FDOT as part of the development of the 2035 Cost Feasible CFRPM 5.0, allows for a productive environment for identifying, analyzing and solving the region's transportation needs. Future enhancements to the CFRPM will ensure that this collaborative effort continues.