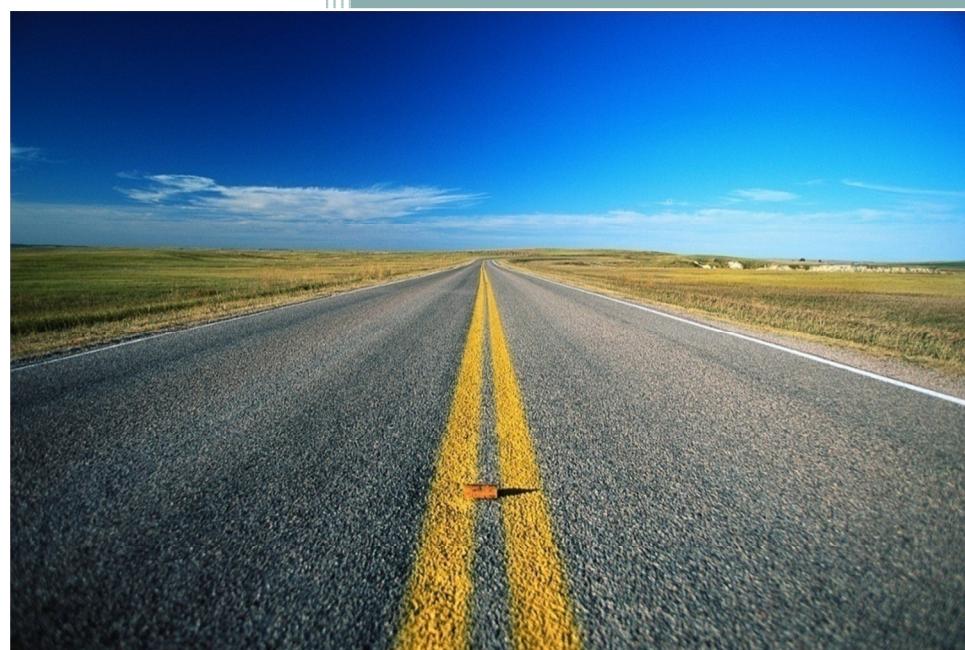


2010

Lake~Sumter MPO - Transportation Management System Annual Report



Metropolitan
Planning Organization

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Attachments

- I. Lake~Sumter MPO – Corridor Constraints Policy and Map
- II. Lake~Sumter MPO Transportation Management System – Roadway Inventory
- III. 2010 Level of Service (LOS) Analysis
- IV. Roadway Deficiencies Map

Purpose

This report has been prepared in accordance with the requirements of Concurrency Management Chapter V (Section 5.08.02) of the Lake County Land Development Code, Chapter 24 (Article IV) of the Sumter County Land Development Code, and Chapter 7 (Section 7.2 (d)(4)) of the City of Wildwood Land Development Code which requires the annual publication of an inventory of the maximum, utilized and available capacity of public facilities for which minimum regulatory Levels of Service (LOS) are prescribed. This inventory contains projections of demand on the facilities due to anticipated growth and indicates additions to capacity based upon construction in progress or under contract.

Background

The Lake~Sumter Metropolitan Planning Organization (MPO) entered into an interlocal agreement in 2007 with Lake County, Sumter County, all fourteen (14) municipalities in Lake County and the City of Wildwood. This interlocal agreement, effective January 1, 2008, designated the MPO as the administrator of the transportation management system (TMS) for each of these local governments. The MPO currently monitors the Lake County checkbook TMS, which covers all of Lake County, incorporated and unincorporated, the Sumter County growth-rate TMS and the Wildwood growth-rate TMS.

Level of Service Standards

The Level of Service (LOS) standards for roadways are established and monitored during the year to ensure that sufficient capacity is available for each type of facility to support approved development. Necessary enhancements to facilities are programmed in the capital planning process depending on the demand for additional capacity.

Roadway LOS refers to travelers' perceptions of the quality of service provided by a particular road. This perception is categorized much like a student's report card, represented by the letters "A" through "F", with "A" generally representing the most favorable driving conditions and "F" representing the least favorable. The Lake~Sumter MPO measures the LOS of each roadway through the difference between the road's capacity and the number of peak time/peak directional trips, peak time trips, or averaged daily trips. Existing traffic volumes and capacities are quantified along with approved development trips. Analyses are administered on a link by link basis using volume to capacity ratios to analyze level of service. As new developments take place, new trips are added to the link volumes following the update of annual traffic counts. This methodology serves the objective of maintaining the adopted level of service on transportation facilities annually.

Constrained Corridors

The Lake~Sumter MPO has adopted policy constraints of regionally-significant corridors to a maximum number of travel lanes aiming to unite community planning principles with transportation goals with an objective to provide guidance in prioritizing transportation needs. A copy of the corridor constraints policy and map is included in Attachment I of this report.

Data Inventory

The Lake~Sumter MPO transportation management system has currently 433 roadway segments listed for Lake County, 283 roadway segments listed for Sumter County and 29 roadway segments listed for the City of Wildwood. A copy of the Lake County, Sumter County and City of Wildwood roadway inventories are included in Attachment II of this report.

Transportation Improvement Program

Capacity projects listed in the current Transportation Improvement Program (TIP) scheduled for construction in the next five years are shown below.

2011 - 2015 TRANSPORTATION IMPROVEMENT PROGRAM - TIP FY 2010/11 - 2014/15		
FINANCIAL MANAGEMENT NUMBER	ROADWAY AND PROJECT LIMITS	WORK DESCRIPTION
2. Roadway Capacity		
10	CR 466A FROM SUMTER COUNTY TO US-27/441	WIDEN TO 4 LANES
11	CR 470 FROM SUMTER COUNTY TO C-33/C-48	WIDEN TO 4 LANES
16	HARTWOOD-MARSH PH. 2 FROM HANCOCK ROAD C-1254 TO ORANGE COUNTY	WIDEN TO 4 LANES
23	HANCOCK ROAD EXTENSION FROM C-50 TO FOSGATE RD	CONSTRUCT NEW 4 LANE ROAD
2383942	SR 500 (US 441) FROM PERKINS ST TO N OF GRIFFIN RD	ADD LANES & RECONSTRUCT
2383943	SR 500 (US 441) FROM PERKINS ST TO SR 44	ADD LANES & RECONSTRUCT
2383954	SR 500 (US 441) FROM MARTIN LUTHER KING TO LAKE ELLA RD	ADD LANES & RECONSTRUCT
2383955	SR 500 (US 441) FROM LAKE ELLA RD TO AVENIDA CENTRAL	ADD LANES & RECONSTRUCT
2383957	SR 500 (US 441) FROM BUENOS AIRES TO MARION CO LINE	ADD LANES & RECONSTRUCT
2384221	SR 25 (US27) FROM BOGGY MARSH RD TO LAKE LOUISA RD	ADD LANES & RECONSTRUCT
2384231	SR 25 (US 27) FROM 1000'N LAKE LOUISA TO N OF CLUSTER OAK DR	ADD LANES & REHABILITATE PVMNT
2384293	SR 50 FROM W OF BLOXHAM BLVD TO W OF HANCOCK RD	ADD LANES & RECONSTRUCT
2384294	SR 50 FROM W OF HANCOCK ROAD TO EAST OF TURNPIKE RAMPS	ADD LANES & RECONSTRUCT
2384297	SR 50 E OF GRAND HIGHWAY W OF HANCOCK RD	ADD LANES & RECONSTRUCT
24	HANCOCK ROAD FROM US-27/LK LOUISA C-0847 TO HARTWOOD-MARSH C-0854	CONSTRUCT NEW 2 LANE
2404182	SR 48 FROM E OF I-75 RAMPS TO CR 475 (MAIN ST)	ADD LANES & REHABILITATE PVMNT
2426262	SR 93 (I-75) FROM HERNANDO CO LINE TO C-470	ADD LANES & REHABILITATE PVMNT
2426263	SR 93 (I-75) FROM SR 470 TO SR91 (FLORIDA TURNPIKE)	ADD LANES & REHABILITATE PVMNT
25	HOOKS STREET EXTENSION PH. 5 FROM HANCOCK ROAD C-1254 TO JAHNA ROAD	CONSTRUCT NEW 4 LANE
26	HOOKS STREET EXTENSION PH. 6 FROM JAHNA ROAD TO HARTLE ROAD C-1362	CONSTRUCT NEW 4 LANE
29	C-468 FROM FLORIDAS TURNPIKE TO SR 44	WIDEN TO 4 LANES
30	C-470 FROM I-75 TO LAKE COUNTY	WIDEN TO 4 LANES
32	CR 501 FROM C-470 TO C-468	WIDEN TO 4 LANES
4098701	SR 44 (CR 44B) FROM SR 500 US 441 TO SR 44	ADD LANES & RECONSTRUCT
4112573	SR 35 (US 301) N OF CR 232 TO N OF NE 110 RD	ADD LANES & REHABILITATE PVMNT
4112574	SR 35 (US 301) FROM N OF CR 204 TO MARION CO LINE	ADD LANES & RECONSTRUCT
4193701	SR 44 AT ROYAL TRAILS RD	ADD LEFT TURN LANE(S)
4196651	HOOK STREET FROM GRAND HIGHWAY TO 750' EAST OF GRANDHIGHWAY	CONSTRUCT NEW 4 LANE
4230961	SR 33 AT CR 474	ADD LEFT TURN LANE(S)
4259121	SR 19 AT BIBLE CAMP RD	ADD LEFT TURN LANE(S)
7	SR 44 (FORMERLY C-44B) FROM US 441 TO SR-44/C-44 (ORANGE AVENUE C-6068)	CONSTRUCT 4 LANE ROAD
9	CR 48 (PART) FROM C-470/C-33/C-48 TO 1,320' EAST OF US-27	WIDEN TO 4 LANES
TBD - 254	CR 466 CR 245 CR 466A	ADD LANES
TBD - 255	C-466A CR 139 US 301	WIDEN TO 4 LANES

2010 Level of Service/Capacity Analysis

For purposes of this report, existing capacity is defined as the total available, encumbered, and reserved capacities for each facility. Permitting activity is also included when calculating available capacity. This report includes capacity used in the 2010 year.

This analysis shows the roadway segments condition reflecting the existing condition and any improvements listed in the current TIP and it represents the Existing + Committed (E+C) network. An existing condition roadway LOS analysis was completed for the 2010 base year using the FDOT 2009 Generalized Service Volume Tables, 2010 Peak Hour/Peak Direction volumes for Lake County and the City of Wildwood, and 2009 Peak Hour Two Way for Sumter County. A copy of this analysis is included in Attachment III of this report. It is important to note that the adopted capacities shown in Attachment III are generalized capacities obtained from the 2009 Florida Department of Transportation Level of Service Handbook, but the Lake~Sumter MPO also accepts capacities based on LOSPLAN Studies/Analyses submitted by proposed developments. LOSPLAN is a Level of Service Analysis tool which uses site-specific field data including roadway geometrics, cycle lengths, signal timings, and turning movements to calculate roadway capacities.

A map showing the volume to capacity ratio for the 2009-2010 year is included in Attachment IV of this report.

Lake County

This evaluation shows that 19 roadway segments in Lake County are operating at or above adopted LOS standards with 12 roadway segments reporting above 110% capacity. The following table identifies these segments.

ROAD NAME	FROM	TO	FDOT LOS STANDARD	LOS CAPACITY	2010 LEVEL OF SERVICE									
					EB/NB	RESERVED	TOTAL	V/C RATIO	LOS	WB/SB	RESERVED	TOTAL	V/C RATIO	LOS
CR 44	CR 473	APIARY ROAD	D	792	806	4	810	1.02	F	430	7	437	0.55	B
C.R. 50	TURKEY FARM ROAD	CR 455	D	792	153	304	457	0.58	B	645	441	1,086	1.37	F
C.R. 50	CR 455	ORANGE COUNTY LINE	D	792	138	90	228	0.29	B	806	97	903	1.14	F
S. HANCOCK ROAD	HOOKS STREET	JOHNS LAKE ROAD	D	792	606	154	760	0.96	D	642	153	795	1.00	F
HARTWOOD MARSH ROAD	US 27	HANCOCK ROAD	D	572	390	0	390	0.68	C	708	0	708	1.24	F
HARTWOOD MARSH ROAD	HANCOCK ROAD	N. 90 DEGREE BEND	D	572	431	0	431	0.75	C	634	0	634	1.11	F
HARTWOOD MARSH ROAD	N. 90 DEGREE BEND	ORANGE COUNTY LINE	D	520	212	0	212	0.41	B	820	0	820	1.58	F
LAKESHORE DRIVE (CLER)	HARDER ROAD	LAKE LOUISA ROAD	D	572	448	13	461	0.81	C	775	24	799	1.40	F
ROLLING ACRES ROAD	US 27 / US 441	OAK STREET	D	572	544	122	666	1.16	F	590	147	737	1.29	F
ROLLING ACRES ROAD	OAK STREET	CR 466	D	572	457	121	578	1.01	F	484	149	633	1.11	F
ROUND LAKE ROAD	SR 46	ORANGE COUNTY LINE	D	520	194	373	567	1.09	F	168	220	388	0.75	C
SR 19	CR 561	LAKE HARRIS NORTH END	D	1140	1,209	201	1,410	1.24	F	1,184	219	1,403	1.23	E
SR 44	SUMTER COUNTY LINE	CR 468	D	1960	1,879	0	1,879	0.96	C	2,763	0	2,763	1.41	F
SR 44 (DIXIE AVENUE)	EMAIN STREET	US 441	D	1770	1,002	1	1,003	0.57	C	1,874	2	1,876	1.06	F
SR 44 (OLD C.R. 44B)	US 441	WAYCROSS AVENUE	D	880	866	93	959	1.09	F	452	78	530	0.60	C
SR 46	CR 46A	SEMINOLE COUNTY LINE	C	780	664	7	671	0.86	C	1,099	19	1,118	1.43	E
SR 50	US 27	HANCOCK ROAD	D	1960	1,279	506	1,785	0.91	C	1,427	553	1,980	1.01	F
SR 50	CR 455	ORANGE COUNTY LINE	D	2940	1,199	941	2,140	0.73	B	2,224	848	3,072	1.04	F
WOLF BRANCH ROAD	US 441	BRITT ROAD	D	572	472	221	693	1.21	F	352	123	475	0.83	C

Sumter County

Sumter County is currently in the process of updating their TMS segmentation and station counts positions. To aid in this process, 2010 classification counts were taken throughout the county and a digital map using ArcGIS was created. The Sumter County Public Works along with the MPO is in the process of reviewing this data. For this reason, Sumter County used the base year of 2009 for their concurrency evaluations. This assessment shows that 23 roadway segments in Sumter County estimated to be operating at or above adopted LOS standards with 14 roadway segments reporting above 110% capacity. The following table identifies these segments.

ROAD NAME	FROM	TO	FDOT LOS STANDARD	LOS CAPACITY	2009	
					PM PEAK	V/C RATIO
MORSE BLVD N	C-466	RIO GRANDE AVE	D	1482	1,855	1.25
MORSE BLVD N	EL CAMINO REAL	US 27/US 441/SR 500	D	1482	1,636	1.10
SR 48	SR 93/I-75	CR 609	C	1124	1,355	1.21
SR 48	CR 609	CR 311	C	1124	1,197	1.06
SR 50	HERNANDO COUNTY BOUNDARY	C-478A	C	780	862	1.11
SR 50	C-478A	SR 471	C	780	862	1.11
SR 50	SR 471	CR 727	C	770	831	1.08
SR 50	C-469	LAKE COUNTY BOUNDARY	C	770	938	1.22
SR 91/FLORIDAS TURNPIKE	SR 93/I-75	US 301/SR 35	B	3670	3,692	1.01
SR 93/I-75	HERNANDO COUNTY BOUNDARY	CR 673	B	3670	4,356	1.19
SR 93/I-75	CR 673	C-48	B	3670	4,144	1.13
SR 93/I-75	C-48	C-470 E	B	3670	4,209	1.15
SR 93/I-75	C-470 E	SR 91/FLORIDAS TURNPIKE	B	3670	4,344	1.18
SR 93/I-75	SR 91/FLORIDAS TURNPIKE	SR 44	B	5650	7,993	1.41
SR 93/I-75	SR 44	MARION COUNTY BOUNDARY	B	5650	7,398	1.31
US 27/US 441/SR 500	MARION COUNTY BOUNDARY	CR 109	D	3400	3,625	1.07
US 27/US 441/SR 500	CR 109	BUENOS AIRES BLVD	D	3400	3,625	1.07
US 301/SR 35	SR 471	C-470 E (N)	C	1070	1,147	1.07
US 301/SR 35	JARRELL AVE	C-462 (S)	C	1440	1,446	1.00
US 301/SR 35	C-462 (S)	C-462 (N)	C	1440	1,505	1.05
US 301/SR 35	C-462 (N)	CR 222	C	1440	1,628	1.13
US 301/SR 35	CR 222	C-472	C	1440	1,628	1.13
US 301/SR 35	C-472	CR 214	C	1440	1,542	1.07

City of Wildwood

The 2010 LOS analysis for the City of Wildwood showed that no segments were operating above the adopted LOS standard.

Lake~Sumter MPO Corridor Constraints Policy and Map



Lake-Sumter Metropolitan Planning Organization (MPO) Corridor Constraint Policy

February 27, 2008

Policy 2008-1 Corridor Constraints

With a goal to unite community planning principles with transportation goals and with an objective to provide guidance in prioritizing transportation needs, the following policy is established.

Within the Lake-Sumter MPO Area, various physical, environmental and local policy constraints influence the transportation planning vision for the region. Land use decisions and transportation planning must be coordinated. To assist in this coordination, some corridors should be designated as appropriate for capacity improvements through the expansion of lanes. Some corridors, based on local visions and comprehensive plans, should not be prioritized for capacity improvements.

Right-of-way acquisition and roadway capacity improvements through additional lanes have become too expensive a venture to be considered the only option when planning for future transportation demand. Less expensive alternative (reliever) corridors should be explored in an effort to enhance the regional transportation network. Further, there is an obvious need for a more regional, multimodal approach to addressing the traffic demand and congestion issues within the Lake-Sumter region.

The list of corridors that follows, addresses the lane constraints for state and county roads, designated collector status and above. Corridors that are constrained by this policy are so designated in an effort to accomplish one or more of the following:

- a) To preserve rural character in areas where existing conditions and land use designations do not require the need for additional capacity
- b) To limit the extent to which corridors will be widened in order to prevent roadways from becoming dividing factors within communities or to prevent widening projects causing the erosion of viable neighborhoods or districts
- c) To enhance the regional transportation network, spread demand for transportation capacity and maximize access to communities and centers
- d) To promote the goal of migrating away from capacity improvements through the addition of lanes and to promote the migration toward additional capacity through mass transit improvements along appropriate arterial corridors
- e) To prevent a misallocation of fiscal resources toward lane-addition projects in which cost-benefit ratios are low in terms of cost versus new capacity

Please note that these lane constraints apply only to through lanes and do not apply to turn lanes, auxiliary lanes and exclusive-transit lanes.

Lake~Sumter MPO Corridor Constraint Policy

Through this policy, the following corridors shall be constrained to these maximum laneages:

Maximum Laneage: Six (6) Lanes

Lake County

US 27

US 192

US 441

SR 19 (US 441), CR 19A/Bay Street (Eustis) to CR 561 (Tavares)

SR 44, Sumter County to CR 468 (North/Leesburg)

SR 44 (US 441), Former CR 44B (Mount Dora) to Dixie Avenue (Leesburg)

SR 46, US 441 to Wekiva Parkway Project

SR 50, US 27 to Orange County

CR 466

CR 470

CR 561, CR 455 to New Turnpike Interchange

Hancock Road North, SR 50 to New Turnpike Interchange

Hartwood Marsh Road, US 27 to Hartle Road

Shell Pond Road/Schofield Road (SR 429-US 27 Connector)

Sumter County

US 301, SR 44 to CR 470

US 441, Marion County to Lake County

SR 44, Citrus County to Lake County

CR 466, CR 475 to Lake County

CR 470, I-75 to Lake County

Lake~Sumter MPO Corridor Constraint Policy

Maximum Laneage: Four (4) Lanes

Lake County

SR 19, CR 450 to US 441
SR 19, CR 455 to SR 50 (Groveland)
SR 19, CR 561 to CR 48
SR 33, SR 50 to Lake Erie Road
SR 40
SR 44, CR 468/Main Street to US 441
SR 44, Orange Avenue to CR 46A
CR 19A, US 441 to CR Old 441/Eudora Road
CR 33
CR 44, Orange Ave (Eustis) to US 441 (Leesburg)
CR 46A
CR 48
CR 435
CR 448 (Tavares)
CR 452
CR 455, SR 19 to CR 561
CR 455, CR Old 50 to SR 50
CR 466A, Sumter County to US 27/441(Fruitland Park)
CR 468 (for proposed North-South Reliever), LL, FP, LL
CR 473
CR 478/Apshawa
CR 561, SR 19 to CR 455
CR 561A, CR 561 to New Turnpike Interchange
CR Old 50, US 27 (Minneola) to CR 455
Citrus Tower Boulevard
Hancock Road, South of SR 50
Hartle Road
Hartwood-Marsh Road, Hartle Road to Orange County
Hooks Street
MLK Extension (LSB/FP), CR 468 to Thomas Road
Johns Lake Road
Mascotte Collector
Orange Avenue (Eustis)
Rolling Acres Road, US 441 to CR 466
South Clermont Connector
Steves Road

Lake~Sumter MPO Corridor Constraint Policy

Maximum Laneage: Four (4) Lanes

Sumter County

US 301, Marion County to SR 44
US 301, CR 470 to Hernando County
SR 48, I-75 to CR 475
SR 50, Hernando County to Lake County
SR 471, SR 50 to US 301
CR 44A, SR 44 to US 301
CR 44A, US 301 to SR 44
CR 48, CR 625 to I-75
CR 48, SR 48 (Bushnell) to Lake County
CR 139, CR 44A to CR 466A
CR 202, CR 475 to US 301
CR 209/213, SR 44 to Marion County
CR 229, SR 44 to CR 466
CR 462, CR 466A to US 301
CR 462, US 301 to CR 475 N
CR 466A, US 301 to Lake County
CR 468, US 301 to SR 44
CR 469, CR 48 to SR 50
CR 470, SR 44 to I-75
CR 472, US 301 to Buena Vista Boulevard
CR 475, SR 44 to Marion County
CR 475, SR 48 to CR 470
CR 476, Hernando County to US 301
CR 501*, CR 470 to CR 468
CR 501 (future), CR 48 to CR 470
Buena Vista Boulevard, CR 466A to Marion County
El Camino Real, Buena Vista Boulevard to Morse Boulevard
Morse Boulevard, CR 466A to US 441
West Warm Springs Avenue, I-75 to US 301

* CR 501 is constrained at four (4) lanes, contingent upon securing access across the Florida Turnpike for parallel corridor(s), such as Bailey Road. If access cannot be secured for a parallel facility, CR 501 would be constrained at six (6) lanes. Regardless, right-of-way for six (6) lanes (roughly 160 feet) will be required from adjacent development.

Lake~Sumter MPO Corridor Constraint Policy

Maximum Laneage: Two (2) Lanes

Lake County

SR 19, CR 48 to CR 455
SR 46 (Assuming SR 46 By-Pass / Wekiva Parkway in place)
CR 25 (Lady Lake)
CR 25A (Fruitland Park)
CR 42
CR 44, CR 46A to Volusia County
CR 44A (Eustis)
CR 44A (Leesburg)
CR 44C (Leesburg)
CR 437
CR 439
CR 445
CR 445A
CR 450
CR 455, CR 561 to CR Old 50
CR 466A, East of US 27/441
CR 474
CR 561, US 27 to SR 33
CR 561A (Groveland)
CR 561A, New Turnpike Interchange to CR 455
CR 565
CR 565A
CR Old 50, CR 455 to Orange County
CR Old 441
Austin Merritt Road/Bridges Road
Estes Road
Lake Ella Road
Main Street (Leesburg), SR 44/CR 468 to US 441
Wolf Branch Road

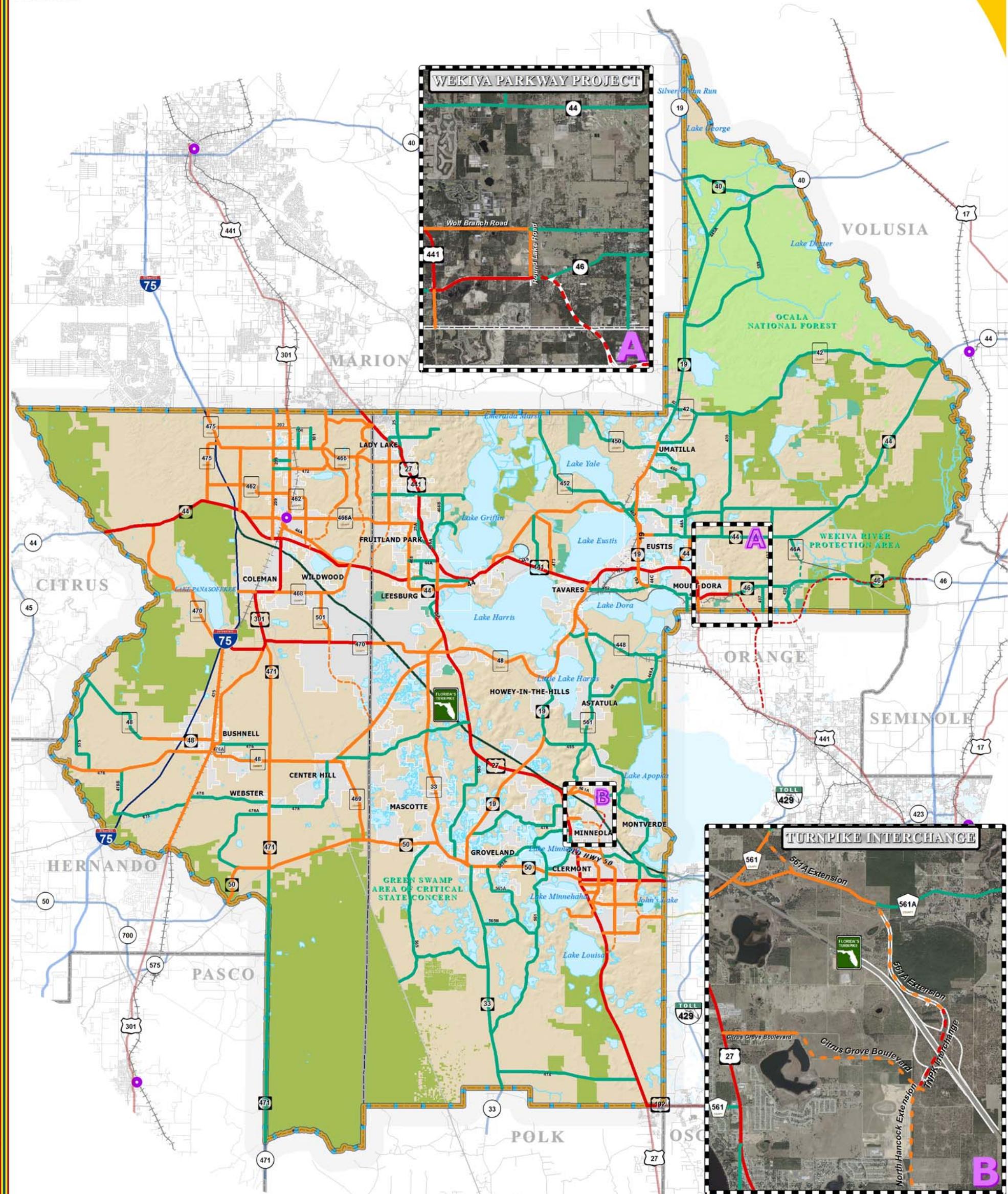
Sumter County

SR 471, Polk County to SR 50
CR 48, Citrus County to CR 625
CR 101, CR 202 to CR 466
CR 103, CR 202 to CR 466
CR 214, CR 209 to US 301
CR 216, CR 209 to US 301
CR 476, US 301 to SR 471
CR 476B, CR 476 to I-75
CR 478, US 301 to SR 471
CR 478, SR 471 to CR 48
CR 478A, SR 50 to SR 471
CR 575, CR 476 to CR 48
CR 673, I-75 to US 301



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ADOPTED MAXIMUM LANE CONSTRAINED CORRIDORS



LEGEND

- Water Body
- Municipal Area
- County Delineation
- Lake-Sumter MPO Boundary
- Public Lands Managed by Federal Agency
- Public Lands Managed by State Agency
- Public Lands Managed by Local Agency
- Amtrak Station
- Active Railroad
- Abandoned Railroad
- County Road
- State Road
- US Highway
- Interstate
- Turnpike

LakeSumter MPO Adopted Lane Constrained Corridors

- | | |
|---------|----------------|
| 6 Lanes | FUTURE 6 Lanes |
| 4 Lanes | FUTURE 4 Lanes |
| 2 Lanes | FUTURE 2 Lanes |

The corridors displayed on this map, as adopted by the Lake Sumter MPO, addresses the lane constraints for state and county roads, designated collector status and above. Corridors that are constrained by this policy are so designated in an effort to accomplish one or more of the following:

- To preserve rural character in areas where existing conditions and land use designations do not require the need for additional capacity
- To limit the extent to which corridors will be widened in order to prevent roadways from becoming dividing factors within communities or to prevent widening projects causing the erosion of viable neighborhoods or districts
- To enhance the regional transportation network, spread demand for transportation capacity and maximize access to communities and centers
- To promote the goal of migrating away from capacity improvements through the addition of lanes and to promote the migration toward additional capacity through mass transit improvements along appropriate arterial corridors
- To prevent a misallocation of fiscal resources toward lane-addition projects in which cost-benefit ratios are low in terms of cost versus new capacity

NOTE:
Please observe that these lane constraints apply only to through lanes and do not apply to turn lanes, auxiliary lanes and exclusive-transit lanes.

FOR COMPLETE AND DETAILED LIST OF THE CONSTRAINT CORRIDORS, PLEASE REFER TO POLICY #2009-1 LANE CONSTRAINED CORRIDORS.

MAP COMPOSITION: SEPTEMBER, 2009
SOURCE:
 Lake and Sumter County GIS Department, Planning Division
 Public Lands Florida Managed Areas, FL MSA
 Florida Department of Transportation, FDOT
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TRANSPORTATION PLANNING AREA
SUMTER AND LAKE COUNTY, FLORIDA



Lake~Sumter MPO Transportation Management System – Roadway Inventory

Lake County Transportation Management System

Roadway Inventory

ROAD NAME	FROM	TO	NUMBER OF LANES	AREA TYPE	MAINTAINING AGENCY	JURISDICTION	FUNCTIONAL CLASSIFICATION	FDOT LOS STANDARD	LOS CAPACITY
US 27/SR 25	CR 48	PLANTATION BOULEVARD	4	U	STATE	UNINCORPORATED LAKE COUNTY	ARTERIAL I	D	1960
US 27/SR 25	PLANTATION BOULEVARD	FLORIDA TURNPIKE	4	T	STATE	UNINCORPORATED LAKE COUNTY	ARTERIAL I	C	1710
US 27/SR 25	FLORIDA TURNPIKE	SR 19	4	T	STATE	CITY OF GROVELAND	ARTERIAL I	C	1710
US 27/SR 25	SR 19	CR 561	4	T	STATE	CITY OF GROVELAND	ARTERIAL I	C	1710
US 27/SR 25	CR 561	CR 561A	4	U	STATE	CITY OF CLERMONT	ARTERIAL I	C	1890
US 27/SR 25	CR 561A	CR 561/MAIN AVENUE	4	U	STATE	CITY OF MINNEOLA	ARTERIAL I	C	1890
US 27/SR 25	CR 561/MAIN AVENUE	CR 50	4	U	STATE	CITY OF MINNEOLA	ARTERIAL I	C	1890
US 27/SR 25	CR 50	GRAND HIGHWAY	4	U	STATE	CITY OF MINNEOLA	ARTERIAL I	C	1890
US 27/SR 25	GRAND HIGHWAY	SR 50	4	U	STATE	CITY OF CLERMONT	ARTERIAL I	C	1890
US 27/SR 25	SR 50	JOHNS LAKE ROAD	4	U	STATE	CITY OF CLERMONT	ARTERIAL I	C	1890
US 27/SR 25	JOHNS LAKE ROAD	HARDWOOD MARSH ROAD	4	U	STATE	UNINCORPORATED LAKE COUNTY	ARTERIAL I	C	1890
US 27/SR 25	HARDWOOD MARSH ROAD	LAKE LOUISA ROAD	4	U	STATE	UNINCORPORATED LAKE COUNTY	ARTERIAL I	C	1890
US 27/SR 25	LAKE LOUISA ROAD	BOGGY MARSH RD	4	T	STATE	UNINCORPORATED LAKE COUNTY	ARTERIAL I	C	24020
US 27/SR 25	BOGGY MARSH RD	CR 474	6	T	STATE	UNINCORPORATED LAKE COUNTY	ARTERIAL I	C	3630
US 27/SR 25	CR 474	US 192	6	T	STATE	UNINCORPORATED LAKE COUNTY	ARTERIAL I	C	2590
US 441/SR 500	US 27/US 441 SPLIT	LEE STREET	4	U	STATE	CITY OF EUSTIS	ARTERIAL 2	D	1770
US 441/SR 500	LEE STREET	N CANNAL STREET	4	U	STATE	CITY OF EUSTIS	ARTERIAL 2	D	1770
US 441/SR 500	N CANNAL STREET	E DIXIE AVENUE	4	U	STATE	CITY OF EUSTIS	ARTERIAL 2	D	1770
US 441/SR 500	E DIXIE AVENUE	E MAIN STREET	6	U	STATE	CITY OF EUSTIS	ARTERIAL 1	D	2940
US 441/SR 500	E MAIN STREET	CR 44	6	U	STATE	CITY OF EUSTIS	ARTERIAL 1	D	2940
US 441/SR 500	CR 44	RADIO ROAD	6	U	STATE	CITY OF EUSTIS	ARTERIAL 1	D	2940
US 441/SR 500	RADIO ROAD	CR 473	6	U	STATE	CITY OF EUSTIS	ARTERIAL 1	D	2940
US 441/SR 500	CR 473	OLD US 441/CR 500A	6	U	STATE	CITY OF TAVARES	ARTERIAL 1	D	2940
US 441/SR 500	OLD US 441/CR 500A	SR 19 / DUNCAN DRIVE	6	U	STATE	CITY OF TAVARES	ARTERIAL 1	D	2940
US 441/SR 500	SR 19 / DUNCAN DRIVE	CR 452 / ST CLAIR ABRAMS AVENUE	6	U	STATE	CITY OF TAVARES	ARTERIAL 1	D	2940
US 441/SR 500	CR 452 / ST CLAIR ABRAMS AVENUE	CR 474 / LAKE EUSTIS DRIVE	6	U	STATE	CITY OF TAVARES	ARTERIAL 1	D	2940
US 441/SR 500	CR 474 / LAKE EUSTIS DRIVE	DAVID WALKER DRIVE	6	U	STATE	EUSTIS MOUNTAIN DORA	ARTERIAL 1	D	2940
US 441/SR 500	DAVID WALKER DRIVE	SR 19 / BAY STREET	6	U	STATE	CITY OF EUSTIS	ARTERIAL 1	D	2940
US 441/SR 500	SR 19 / BAY STREET	OLD MT DORA ROAD	6	U	STATE	EUSTIS MOUNT DORA	ARTERIAL 1	D	2940
US 441/SR 500	OLD MT DORA ROAD	DONNELLY STREET	6	U	STATE	CITY OF MOUNT DORA	ARTERIAL 1	D	2940
US 441/SR 500	DONNELLY STREET/SR 44	WOLF BRANCH ROAD	4	U	STATE	CITY OF MOUNT DORA	ARTERIAL 1	D	1960
US 441/SR 500	WOLF BRANCH ROAD	SR 46	4	U	STATE	CITY OF MOUNT DORA	ARTERIAL 1	D	1960
US 441/SR 500	SR 46	ORANGE COUNTY LINE	4	U	STATE	CITY OF MOUNT DORA	ARTERIAL 1	D	1960
VISTA DEL LAGO BOULEVARD	LAKE LOUISA ROAD	US 27	2	U	COUNTY	UNINCORPORATED LAKE COUNTY	COLLECTOR	D	572
WASHINGTON AVENUE	HASELTON STREET	ABRAMS ROAD	2	U	CITY OF EUSTIS	CITY OF EUSTIS	COLLECTOR	D	572
WAYCROSS AVENUE	COUNTY CLUB ROAD	SR 44 (OLD CR. 44B)	2	U	COUNTY	CITY OF EUSTIS	COLLECTOR	D	572
WELLS AVENUE	SR 19	LAKE AVENUE	2	U	CITY OF TAVARES	CITY OF TAVARES	COLLECTOR	D	572
WOLF BRANCH ROAD	US 44	BRYCE ROAD	2	T	COUNTY	CITY OF MOUNT DORA	COLLECTOR	D	572
WOLF BRANCH ROAD	BRYCE ROAD	CR 473	2	T	COUNTY	CITY OF MOUNT DORA	COLLECTOR	D	572
WOODLEA ROAD	LANE PARK ROAD	SR 19	2	U	COUNTY	CITY OF TAVARES	COLLECTOR	D	572
YOUTH CAMP ROAD	SUMTER COUNTY LINE	AUSTIN MERRITT ROAD	2	R	COUNTY	UNINCORPORATED LAKE COUNTY	COLLECTOR	C	468

Sumter County Roadway Segment Inventory

SegmentID	OnStreet	FromNode	ToNode	GenCapID	Area Type	Los Standard	Facility Type	Arterial Class	LOS Method	Jurisdiction	Federal Functional Class	AADT	Lanes Type	Length (Mi)	Signal Count	Section Analysis ID	Section Service Capacity Pk Hr 2way	Section Daily MSV	Section LOS
3253240	US 301/SR 35	SR 44	C-44A	SR-22	3 D	SA		1	2 SR	PA	21,737	4D	0.785	1	161	3,390	35,700	B	
3253250	US 301/SR 35	C-44A	C-466A	SR-22	3 D	SA		1	2 SR	PA	19,587	4D	0.531	1	161	3,390	35,700	B	
3253260.1	US 301/SR 35	C-466A	JARRELL AVE.	SR-50	3 D	NA		0	2 SR	PA	15,059	4D	0.3	0	162	5,870	61,800	A	
3253260.2	US 301/SR 35	JARRELL AVE.	C-462 (S)	SR-52	3 C	NA		0	2 SR	PA	15,059	2U	0.988	0	163	1,440	14,900	D	
3253270	US 301/SR 35	C-462 (S)	C-462 (N)	SR-52	3 C	NA		0	2 SR	PA	15,673	2U	0.258	0	163	1,440	14,900	D	
3253280	US 301/SR 35	C-462 (N)	CR 222	SR-52	3 C	NA		0	2 SR	PA	16,954	2U	1.017	0	163	1,440	14,900	D	
3253290	US 301/SR 35	CR 222	C-472	SR-52	3 C	NA		0	2 SR	PA	16,954	2U	0.485	0	163	1,440	14,900	D	
3253300.1	US 301/SR 35	C-472	CR 214	SR-52	3 C	NA		0	2 SR	PA	16,066	2U	0.507	0	163	1,440	14,900	D	
3253300.3	US 301/SR 35	CR 214	CR 108	SR-22	3 D	SA		1	2 SR	PA	16,066	4D	0.374	0	164	3,390	35,700	B	
3253300.4	US 301/SR 35	CR 108	C-466	SR-22	3 D	SA		1	2 SR	PA	16,066	4D	0.374	1	164	3,390	35,700	B	
3253310.1	US 301/SR 35	C-466	CR 204	SR-22	3 D	SA		1	2 SR	PA	14,056	4D	0.759	0	164	3,390	35,700	B	
3253310.2	US 301/SR 35	CR 204	CR 104	SR-53	3 C	NA		0	2 SR	PA	14,056	4D	0.507	0	165	4,190	43,600	A	
3253320	US 301/SR 35	CR 104	MARION COUNTY BOUNDARY	SR-53	3 C	NA		0	2 SR	PA	14,045	4D	1.006	0	165	4,190	43,600	A	

City of Wildwood Transportation Management System

Roadway Inventory

ROAD NAME	FROM	TO	Number of Lanes	Area Type	MAINTAINING AGENCY	FUNCTIONAL CLASSIFICATION	FDOT LOS Standard	LOS CAPACITY	SIS?
CR 209	CR 232	CR 462	2	T	County	Major Local Roadway	D	520	N
CR 209	CR 462	CR 466	2	T	County	Major Local Roadway	D	520	N
CR 209	CR 466	Sumter/Marion Co. Line	2	T	County	Major Local Roadway	D	520	N
CR 213	SR 44	CR 44A	2	T	County	Major Local Roadway	D	520	N
US 301	CR 468	Florida's Turnpike	2	U	State	Principal Arterial	D	1,140	N
US 301	Florida's Turnpike	SR 44	4	U	State	Principal Arterial	D	1,960	N
US 301	SR 44	CR 44A	4	U	State	Principal Arterial	D	1,960	N
US 301	CR 44A	CR 466A	4	U	State	Principal Arterial	D	1,960	N
US 301	CR 466A	CR 462 (East)	4	T	State	Principal Arterial	D	1,800	N
US 301	CR 462 (East)	CR 462 (West)	4	T	State	Principal Arterial	D	3,130	N
US 301	CR 462 (West)	CR 466	4	T	State	Principal Arterial	D	3,130	N
US 301	CR 466	CR 201	4	U	State	Principal Arterial	D	1,960	N
CR 139	CR 44A	CR 466A	2	T	County	Major Local Roadway	D	520	N
CR 501	CR 470	CR 468	2	U	County	Major Local Roadway	D	792	N
CR 466	CR 209	US 301	2	T	County	Major Collector	D	720	N
CR 472	US 301	Wildwood City Limits	2	T	County	Minor Collector	D	720	N
CR 462	CR 209	US 301	2	T	County	Minor Collector	D	520	N
CR 462	US 301	CR 466A	2	T	County	Minor Collector	D	520	N
CR 466A	US 301	CR 462	2	T	County	Major Collector	D	720	N
CR 466A	CR 462	Buena Vista Boulevard	4	U	County	Major Collector	D	1,764	N
CR 44A	CR 213	US 301	2	U	County	Minor Collector	D	572	N
CR 44A	US 301	Buena Vista Boulevard	2	T	County	Minor Collector	D	520	N
SR 44	CR 219	US 301	4	T	State	Minor Arterial	D	1,800	N
SR 44	US 301	Buena Vista Boulevard	4	T	State	Minor Arterial	D	1,800	N
SR 44	CR 468 (South)	Sumter/Lake Co. Line	4	T	State	Minor Arterial	D	3,130	N
CR 468	US 301	CR 501	2	U	County	Major Collector	D	792	N
CR 468	CR 501	SR 44	2	T	County	Major Collector	D	720	N
CR 470	Wildwood City Limits	CR 501	2	U	County	Major Collector	D	792	N
CR 470	CR 501	Sumter/Lake Co. Line	2	T	County	Major Collector	D	720	N
Florida Turnpike	US 301	Sumter/Lake Co. Line	4	T	State	Freeway	C	2,980	Y

2010 Level of Service (LOS) Analysis

Notes:
 1) In the Lanes/Type columns, "0" indicates that the segment does not exist in existing or future years.
 2) Refer to the Technical Support Appendix for 2010, 2013 and 2015 LOS Reports for detailed Level of Service Information.

General Information												Lanes/Type		Hurricane Evacuation Route	Strategic Intermodal System	De Minimis Status (2013)	Growth			AADT (Daily Volumes)			K Factor	Segment Peak Hour Two Way Volumes			Net New External Project Traffic	Total External Project Traffic	Facility Maximum Service Volume (MSV) Peak Hour Two Way			Conceptual Analysis Required (V:MSV > 90%)						Within Radius of Influence	Trips Added as Percent of MSV	On Study Network	% Distribution
Segment ID	Facility ID (2010)	Facility ID (2013)	Facility ID (2015)	On Street	From Street	To Street	Existing Number of Lanes and Type	Programmed Improvements	Base Year Volume	Base Year of Count	Annual Growth Rate	AADT (2010)	AADT (2013)	AADT (2015)	2010	2013	2015	LOS Method	LOS Standard	MSV (2010)	MSV (2013)	MSV (2015)	2010 Volume Total	2010 V/MSV Ratio	2010 Status	2013 Volume Total	2013 V/MSV Ratio	2013 Status	2015 Volume Total	2015 V/MSV Ratio	2015 Status										
A	B ₁	B ₂	B ₃	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	W1	W2	X	Y	Z	AA	AB	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AP	AQ	AR	AS

AB Facility (MSV) Peak Hour Two Way (2015): The maximum rate of flow which may be accommodated under prevailing traffic and roadway conditions while still maintaining the adopted level of service standard for each roadway in 2015.

AD 2010 Volume Total: Segment Peak Hour Two Way Volumes 2010 (Column S) + Project Traffic (Column W1).

AE 2010 V/MSV Ratio: 2010 Volume Total (AD) / 2010 Facility MSV (Z)

AF 2010 Status: If the 2010 Volume Total (Column AD) is < 90% of the 2010 MSV (Column Z) than the Status is OK. If not, then additional study will need to be done.

AG 2013 Volume Total: Segment Peak Hour Two Way Volumes 2013 (Column T) + Project Traffic (Column W1).

AH 2013 V/MSV Ratio: 2013 Volume Total (AG) / 2013 Facility MSV (AA)

AI 2013 Status: If the 2013 Volume Total (Column AG) is < 90% of the 2013 MSV (Column AA) than the Status is OK. If not, then additional study will need to be done.

AJ 2015 Volume Total: Segment Peak Hour Two Way Volumes 2015 (Column U) + Project Traffic (Column W1).

AK 2015 V/MSV Ratio: 2015 Volume Total (AJ) / 2015 Facility MSV (AB)

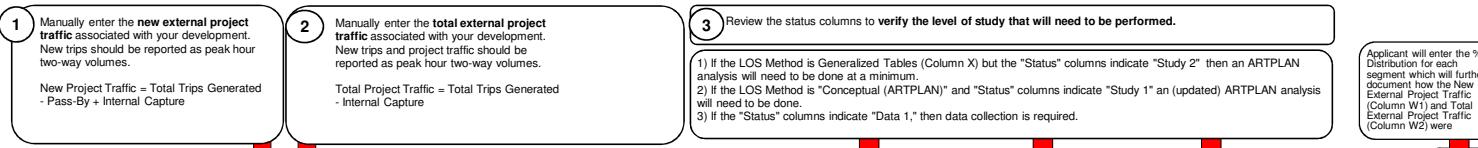
AL 2015 Status: If the 2015 Volume Total (Column AJ) is < 90% of the 2015 MSV (Column X) than the Status is OK. If not, then additional study will need to be done.

AP Within Radius of Influence: If Minor LDTA, 1/2 mile radius; if Major LDTA, 1 mile radius. Refer to TIS procedures for more information.

AQ On Study Network: Yes if new peak hour two way trips exceed 3% of MSV or 70 trips or if segment is within the radius of influence. Refer to TIS procedures for more information

AR Trips Added as Percent of MSV: Total Project Traffic (Column W2) / Maximum Service Volume (Column AA)

AS % Distribution: The % Distribution for each segment that will be entered by the applicant.



Applicant will enter the % distribution for each segment which will further document how the New External Project Traffic (Column W1) and Total External Project Traffic (Column W2) were

2010 Volume to Capacity Ratio Map



TRANSPORTATION MANAGEMENT SYSTEM ANNUAL REPORT~2010

FLAGLER

VOLUSIA

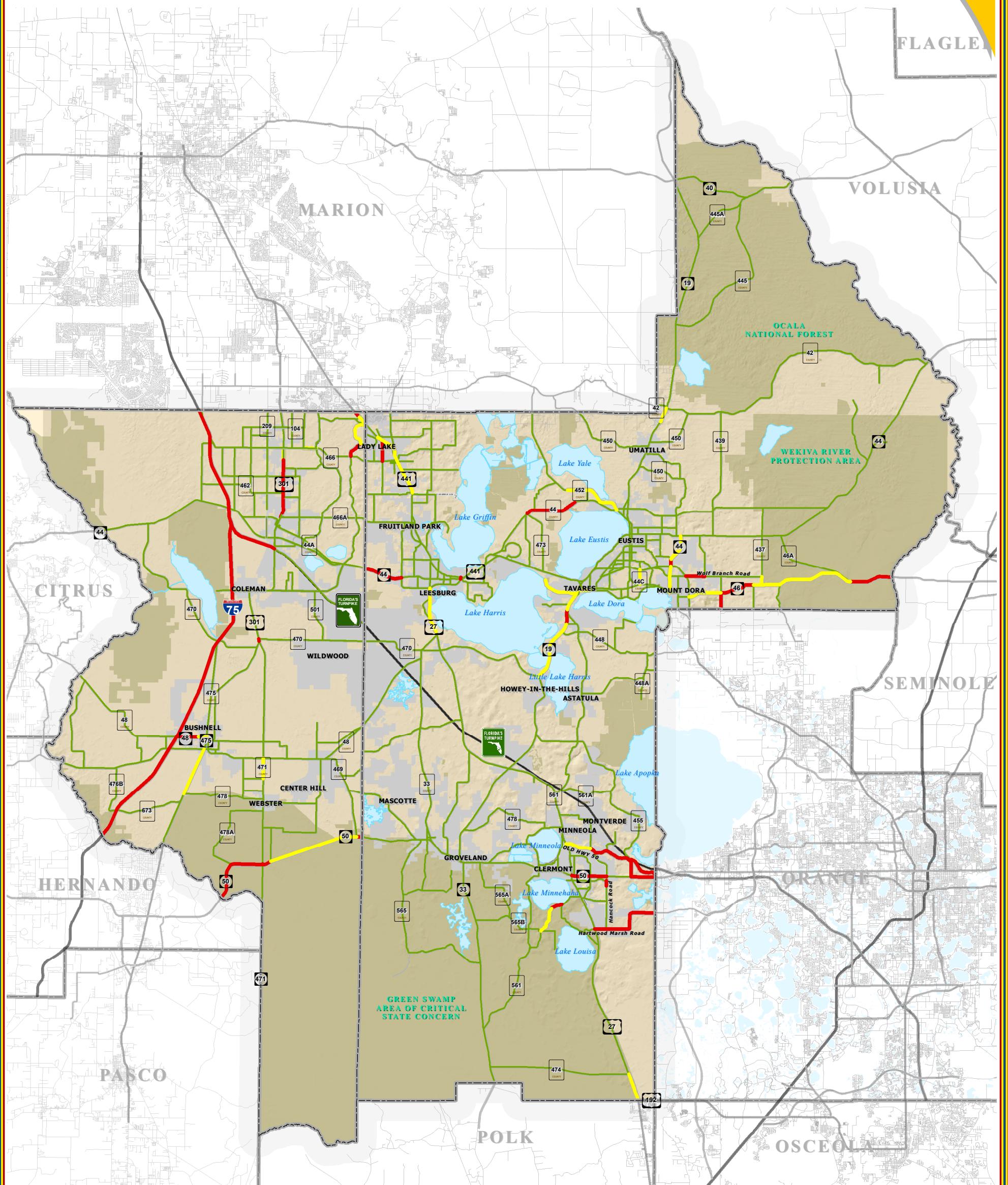
OCALA NATIONAL FOREST

WEKIVA RIVER PROTECTION AREA

SEMINOLE

ORANGE

OSCEOLA



LEGEND

- Water Body
- Conservation Areas
- County Delineation
- Municipal Area
- County Road
- State Road
- US Highway
- Interstate
- Turnpike

V/C Ratio - Roadway Network Status

- 0 - 79% Capacity
- 80 - 99% Capacity
- 100 - 200% Capacity

NOTE:

Lake CMS - Based on Existing Traffic plus Approved and Committed Projects
 Sumter CMS - Based on Existing Traffic plus 3 Years of Growth
 Wildwood CMS - Based on Existing Traffic plus 3 Years of Growth

Concurrency as defined in state law means transportation facilities must be able to accommodate trips created by new development for the development to occur, "...local jurisdictions must adopt and enforce ordinances which prohibit development approval if the development causes the level of service on a locally owned transportation facility to decline below the standards adopted in the transportation element of the comprehensive plan"



TRANSPORTATION MANAGEMENT SYSTEM SUMTER AND LAKE COUNTY, FLORIDA



LAKE
COUNTY
FLORIDA

MAP COMPOSITION:
DECEMBER 2010

DATA SOURCES:
 Lake and Sumter County GIS Department; Platometrics Data Compilation and Map production components of the Lake-Sumter Metropolitan Planning Organization and Lake County Board of County Commissioners.
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