

Lake ~ Sumter MPO



TRANSPORTATION 2040

Lake ~ Sumter MPO 2040 Long Range Transportation Plan Update

Fall 2015

T.J. Fish, Executive Director



Long Range Transportation Plan - Overview

Plan is an update to
TRANSPORTATION 2035

Lake~Sumter Metropolitan Planning Organization
Transportation 2035
Long Range Transportation Plan
Adopted December 8, 2010

Lake~Sumter MPO

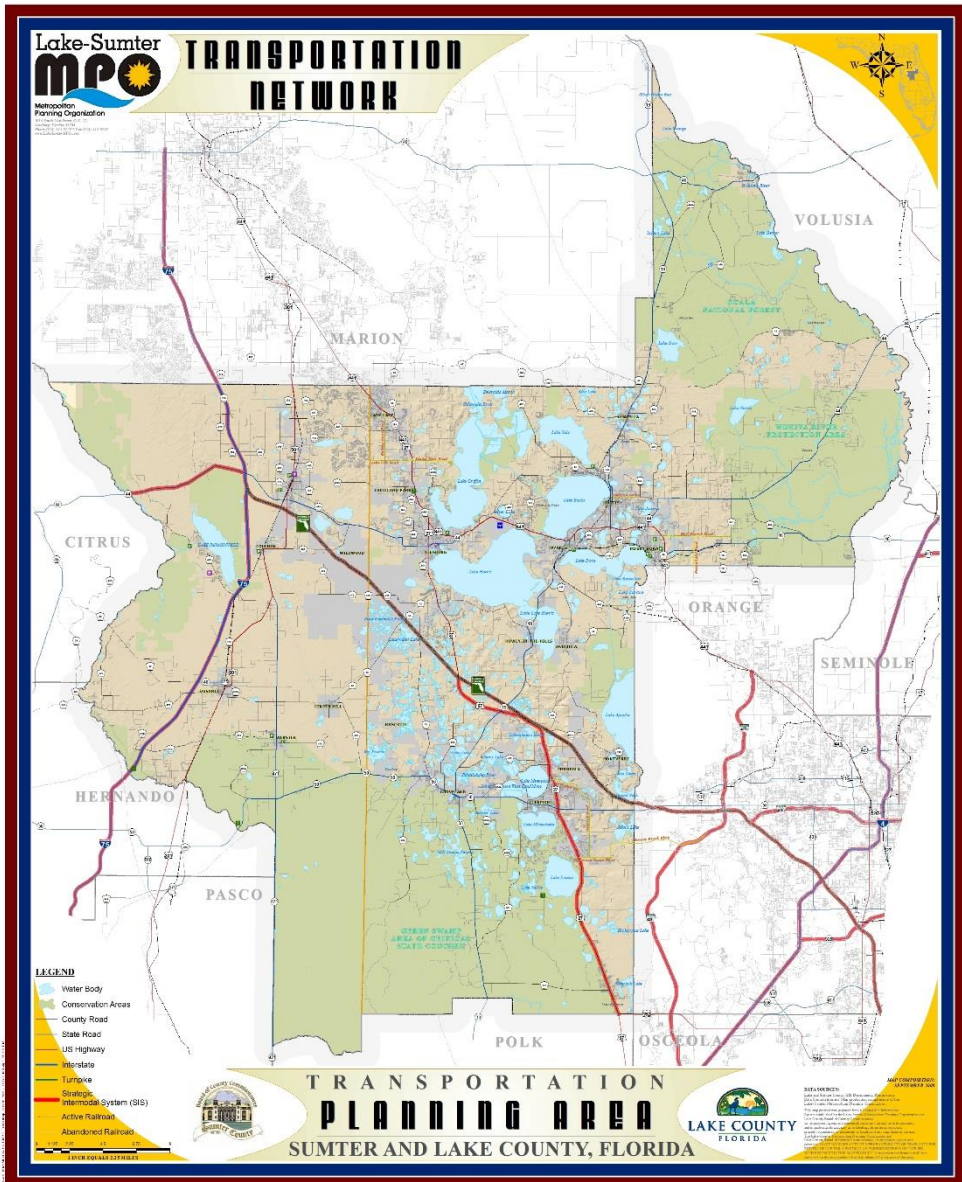
TRANSPORTATION 2035

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The purpose of the Long Range Transportation Plan is:

- To identify major transportation investment needs in the Lake~Sumter MPO planning area throughout the next 20 years
- To satisfy the federal mandate that all urban areas have a transportation plan that discusses the level of investment that could occur based on reasonably available funding
- To coordinate the plans of cities, towns, counties, and FDOT in developing major transportation facilities and services

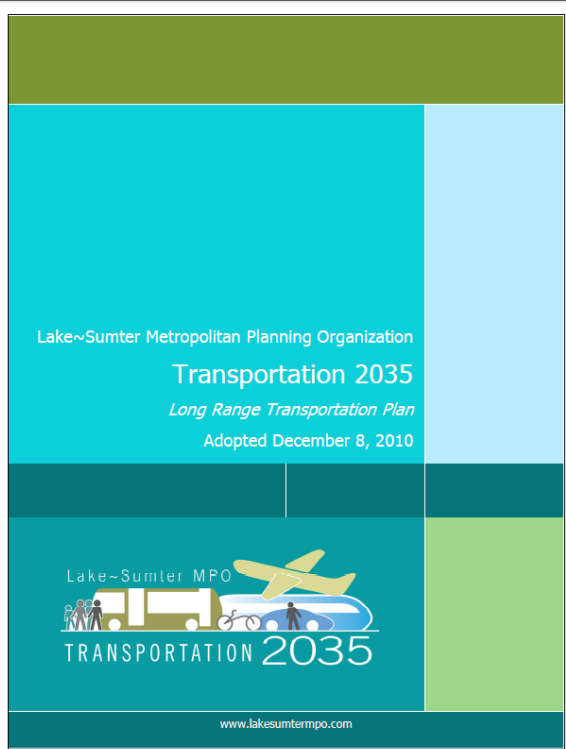
Long Range Transportation Plan - Overview



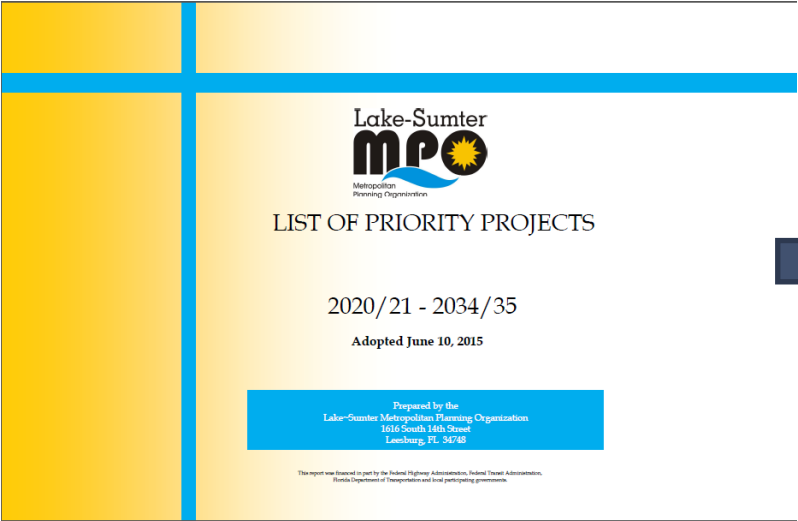
- Plan addresses the region's future transportation system for all modes
- Plan is comprised of two parts:
 - Needs: not constrained by revenues
 - Cost Feasible: projects with construction funding between 2021 and 2040
- Projects planned between 2015 and 2020 are already in the five-year Transportation Improvement Program
- Plan is a significant policy document for the region
- Plan is updated every five years with a 20-year planning horizon

Long Range Transportation Plan - Overview

Long Range Transportation Plan



List of Priority Projects (FDOT utilizes list)



Transportation Improvement Program (5 years: 2016-20)



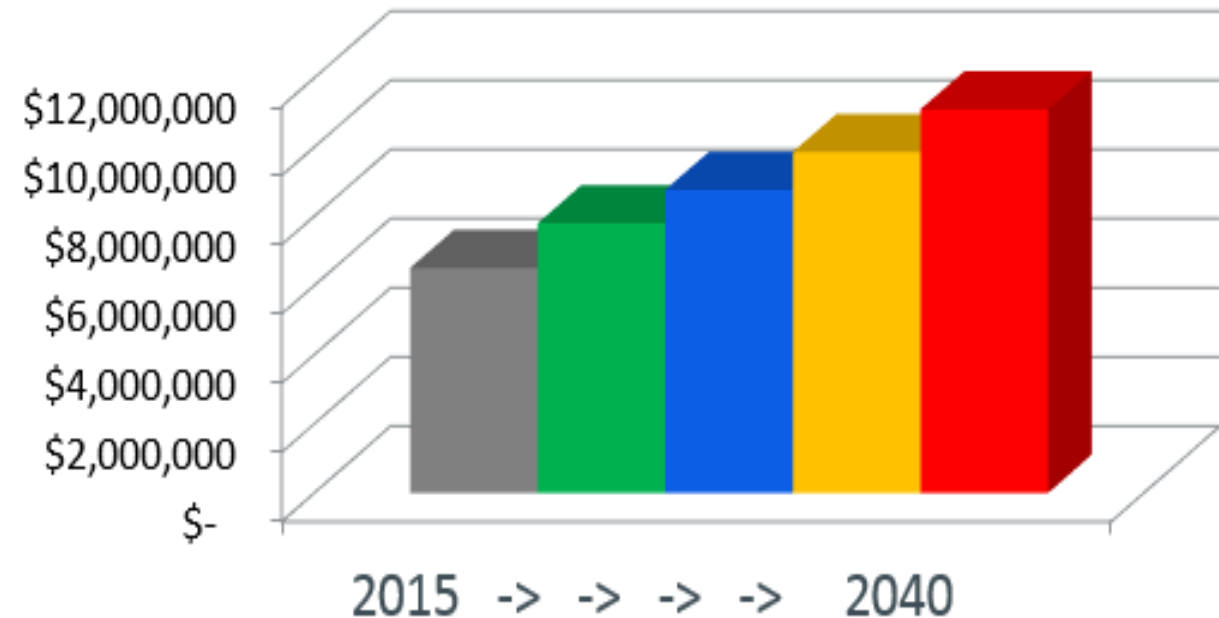
Cost Feasible versus Needs Plan

- Distinct from the Needs Plan, the Cost Feasible Plan identifies those projects that likely could be funded between 2021 and 2040 given available revenues.
- The Cost Feasible Plan includes local, state, federal and private funded projects.
- Projected transportation revenues are based on a methodology approved by the Federal Highway Administration and the Florida Department of Transportation

- ❑ The financial plan is based on projected needs compared to existing funding streams.
- ❑ The statutory language specifically requires that the financial plan indicate the resources from public and private sources that are reasonably expected to be made available to carry out the Long Range Transportation Plan. The Federal law also requires that an urban area's financial plan will:
 - ❑ Demonstrate how the State Transportation Improvement Program (STIP) can be implemented.
 - ❑ Identify any innovative financing techniques to provide funds for the projects, programs and strategies in the long range transportation plan.
 - ❑ Identify other transportation projects that would be implemented if additional funds were available.

- All dollar amounts are expressed in year of expenditure (future) dollars**
- Plan improvements will be inflated to year of expenditure dollars**
- Plan will balance available dollars with transportation needs/priorities**

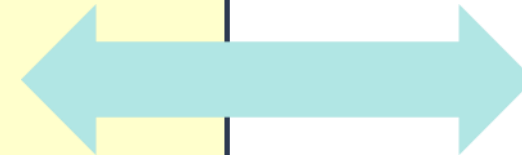
- ❑ Project cost in 2015 - \$6.5 million
- ❑ Project cost in 2040 \$11.0 million (70% increase for combined costs)
- ❑ Project in the outer years will cost more to implement
- ❑ Example:
 - ❑ Widen 2 – 4 Lanes = \$4.5 Million per Mile
 - ❑ Intersection improvement - \$1.5 Million per Intersection



- ❑ **State Sources**
 - ❑ **State Strategic Intermodal System (SIS)**
 - ❑ **Florida's Turnpike Enterprise**
 - ❑ **Central Florida Expressway Authority**

- ❑ **Federal / State Sources**
 - ❑ **Other Arterial Funds (Study, Design, Construction & ROW)**
 - ❑ **Transportation Alternatives (Sidewalks/Trails)**
 - ❑ **Federal Transit Administration Funds –**

- ❑ **Local Sources**
 - ❑ **Impact Fees**
 - ❑ **Sales Tax**
 - ❑ **Fuel Tax**



**Only
Source
available
for MPO to
prioritize**

Projected Revenues

PROJECTED REVENUES BY PLANNING PERIOD (IN MILLIONS OF YEAR OF EXPENDITURE DOLLARS)

STATE/FEDERAL REVENUES *

PLANNING PERIOD	2021-2025	2026-2030	2031 - 2035	2036 -2040	TOTAL
SIS HIGHWAYS/FIHS CONSTRUCTION/ROW	-	-	-	-	-
OTHER ARTERIAL CONSTRUCTION/ROW	\$75.60	\$71.50	\$78.20	\$78.20	\$303.50
TRANSIT	\$42.50	\$44.70	\$46.90	\$46.90	\$181.00
TA FUNDS	\$4.20	\$4.20	\$4.20	\$4.20	\$16.80

*STATE/FEDERAL REVENUES FROM AUGUST 1, 2013 SUPPLEMENT TO THE 2040 REVENUE FORECAST HANDBOOK, 2040 FORECAST FOR LAKE-SUMTER MPO AREA. TOTALS MAY NOT SUM PERFECTLY DUE TO ROUNDING. REVENUES FOR SIS HIGHWAYS ARE ALREADY PROGRAMMED.

Policy Direction for Cost Feasible Plan:

- MPO will adopt State Strategic Intermodal System plan which includes Florida's Turnpike, interstate highways (i.e. I-75), certain major roadways (i.e. US 27), major airports, ports and railroads
- MPO will adopt Central Florida Expressway projects in Lake County
- Other Arterial funds (US highways and state roads) will complete the List of Priority Projects on the Regional Roadway Network
- Non Regional Roads will utilize local funding sources
- Transportation Alternatives will fund other multimodal projects (trails and sidewalks)
- Transit funds will continue to maintain the current system and new service options identified in the Transit Development Plan

State Strategic Intermodal System (SIS) – List of Future Needs



PROJECT	FROM	TO			DESCRIPTION
I-75 & CR 514	NEW INTERCHANGE		SUMTER	1.00	NEW INTERCHANGE
US 27/SR 25	CR 561 SOUTH	FLORIDA'S TURNPIKE NORTHERN RAMPS	LAKE	9.49	WIDEN ROAD (4 TO 6 LANES)
US 27 & SR 19 & FLORIDA'S TURNPIKE	INTERCHANGE		LAKE	1.00	IMPROVEMENTS

Florida's Turnpike Enterprise – List of Future Needs



PROJECT	FROM	TO			DESCRIPTION
FLORIDA'S TURNPIKE & US 301	INTERCHANGE		SUMTER	1.00	IMPROVEMENTS
FLORIDA'S TURNPIKE	US 301	I-75	SUMTER	3.89	WIDEN ROAD (4 TO 6 LANES)
FLORIDA'S TURNPIKE	SUMTER/LAKE CO LINE	US 301	SUMTER	7.34	WIDEN ROAD (4 TO 8 LANES)
FLORIDA'S TURNPIKE	SUMTER/LAKE CO LINE	MINNEOLA INTERCHANGE	LAKE	18.00	WIDEN ROAD (4 TO 8 LANES)
FLORIDA'S TURNPIKE	MINNEOLA INTERCHANGE	ORANGE COUNTY LINE	LAKE	5.76	WIDEN ROAD (4 TO 8 LANES)

List of County Road Future Needs

Sumter County

PROJECT	FROM	TO			DESCRIPTION
C-468	US 301	CR 505	SUMTER	3.10	WIDEN ROAD (2 TO 4 LANES)
C-466	C-475	US 301/SR 35	SUMTER	4.45	WIDEN ROAD (2 TO 4 LANES)
C-501	C-468	C-470	SUMTER	3.18	WIDEN ROAD (2 TO 4 LANES)
CR 525E	CR 525	CR 514	SUMTER	1.00	NEW ROAD (COLEMAN ATR)
CR 525E	US 301	CR 525	SUMTER	0.40	WIDEN ROAD (2 TO 4 LANES)
CR 219	SR 44	CR 44A	SUMTER	1.18	IMPROVED 2 LANES
C-472	CR 117	US 301	SUMTER	0.75	UPGRADE TO URBAN TYPICAL SECTION
C-462	US 301	C-462	SUMTER	1.08	REALIGNMENT
C-475	CR 542	C-470 W	SUMTER	4.97	WIDEN ROAD (2 TO 4 LANES)

List of County Road Future Needs

Lake County

PROJECT	FROM	TO			DESCRIPTION
CR 466A	TIMBER TOP	SUNNY COURT	LAKE	3.69	WIDEN ROAD (2 TO 4 LANES)
CITRUS GROVE ROAD	US 27	N HANCOCK RD	LAKE	2.00	WIDEN ROAD (2 TO 4 LANES)
HARTLE ROAD	SR 50	HARTWOOD MARSH RD	LAKE	2.29	NEW 4 LANE ROAD
HARTWOOD MARSH ROAD	US 27	HARTLE ROAD (FUTURE)	LAKE	3.17	WIDEN ROAD (2 TO 4 LANES)
ROLLING ACRES ROAD	US 27/US 441	CR 466	LAKE	1.28	WIDEN ROAD (2 TO 4 LANES)
CR 561 & CR 561A REALIGNMENT	N HANCOCK ROAD	CR 561	LAKE	1.29	NEW 4 LANE ROAD
CR 561	SR 19	CR 448	LAKE	1.62	WIDEN ROAD (2 TO 4 LANES)
SCRUB JAY ROAD	CITRUS GROVE ROAD	CR 561A	LAKE	1.61	WIDEN ROAD (2 TO 4 LANES)
FOSGATE RD	US 27/SR 25	N GRASSY LAKE RD	LAKE	0.75	NEW 4 LANE ROAD
CR 19A	US 441	CR 44C	LAKE	1.22	WIDEN ROAD (2 TO 4 LANES)
HOOKS STREET	HANCOCK ROAD	HARTLE ROAD	LAKE	1.43	NEW 4 LANE ROAD
ROUND LAKE ROAD EXTENSION	WOLF BRANCH ROAD	SR 44	LAKE	2.57	NEW 4 LANE ROAD
ROUND LAKE ROAD	SR 46	SR 44	LAKE	3.57	WIDEN ROAD (2 TO 4 LANES)
SAWGRASS BAY BOULEVARD EXTENSION	US 27	ORANGE COUNTY LINE	LAKE	4.60	NEW 4 LANE ROAD
CR 437 REALIGNMENT	CR 437	SR 46 & CR 437 N	LAKE	0.90	REALIGNMENT
CR 561A	N HANCOCK RD	CR 561	LAKE	1.89	WIDEN ROAD (2 TO 4 LANES)
CR 33	SR 50	SIMON BROWN ROAD	LAKE	2.38	WIDEN ROAD (2 TO 4 LANES)
CR 561 (LAKE MINNEOLA SHORES)	US 27/SR 25	CR 565A	LAKE	2.77	WIDEN ROAD (2 TO 3 LANES)
HANCOCK ROAD	NORTH TURNPIKE RAMPS	CR 561A	LAKE	1.35	NEW 4 LANE ROAD
CR 561A	CR 455	CR 561	LAKE	3.18	WIDEN ROAD (2 TO 3 LANES)
CR 44	SR 19	US 441	LAKE	3.21	WIDEN ROAD (2 TO 4 LANES)

Bicycle and Pedestrian Needs Projects

PROJECT	FROM	TO		DESCRIPTION
MANAGEMENT & OPERATIONS/BICYCLE/PEDESTRIAN/TRAILS (TA FUND ELIGIBLE)				
WILSON LAKE - CHERRY LAKE TRAIL			LAKE	NEW TRAIL
MONTVERDE/FERN PARK TRAIL			LAKE	NEW TRAIL
CAGAN'S CROSSING PEDESTRIAN OVERPASS			LAKE	PEDESTRIAN OVERPASS
ON ROAD CYCLING INFRASTRUCTURE			LAKE/SUMTER	IMPROVE BIKE LANES AND ROAD SHOULDERS
RAIL SAFETY IMPROVEMENTS			LAKE/SUMTER	
PEDESTRIAN BRIDGE ACROSS US 27	AT LAKE LOUISA STATE PARK		LAKE	PEDESTRIAN OVERPASS
NORTH LAKE TRAIL	CR 450	SR 40	LAKE	NEW TRAIL
CR 561	LOG HOUSE/PINE ISLAND	LAKE HILL DR/ PINE RIDGE ELEMENTARY SCHOOL	LAKE	NEW SIDEWALK
CR 473	TREADWAY SCHOOL RD	CR 44	LAKE	NEW SIDEWALK
CR 561 (MONROE ST)	TENNESSEE AVE	CR 48/FLORIDA AVE	LAKE	NEW SIDEWALK
HANCOCK RD	BOND ST	LOST LAKE RD	LAKE	NEW SIDEWALK
RADIO RD	SILVER BLUFF	TREADWAY SCHOOL RD	LAKE	NEW SIDEWALK
HARTWOOD MARSH ROAD	HANCOCK RD	ORANGE COUNTY LINE	LAKE	NEW PAVED SHOULDER
CR 455	@ OLD 50		LAKE	INTERSECTION IMPROVEMENT/ SIGNAL/ TURN LANE
N HANCOCK ROAD	@ NORTH RIDGE BLVD		LAKE	INTERSECTION IMPROVEMENT/ SIGNAL/ TURN LANE

Bicycle and Pedestrian Programs

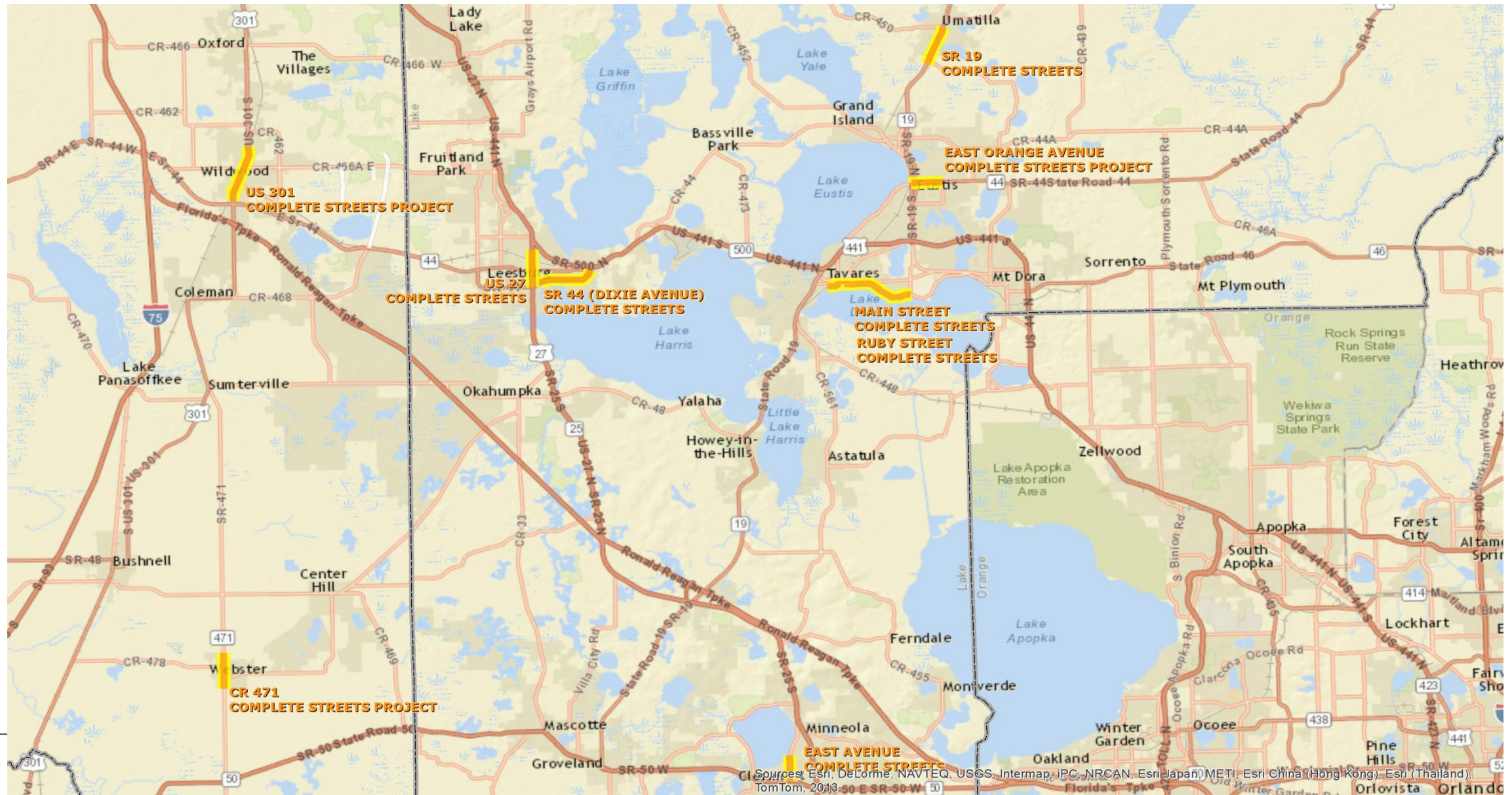


- Sidewalk Program
- Complete Streets
- Regional Trail Program
- Safe School Access Emphasis Program

Management & Operations

- Management & Operations Program –
Intelligent Transportation Systems

Potential Complete Streets Projects



- US 27 – 14th Street - Leesburg**
- SR 44 – Dixie Avenue - Leesburg**
- East Avenue – Clermont**
- SR 19 – Umatilla**
- SR 471 – Webster**
- US 301 – Wildwood**
- SR 46 – Future Sorrento Boulevard – Mount Plymouth/Sorrento**
- Main Street and Ruby Street – Tavares**
- Orange Avenue - Eustis**

Lake~Sumter Transit Development Plan

First Five Years

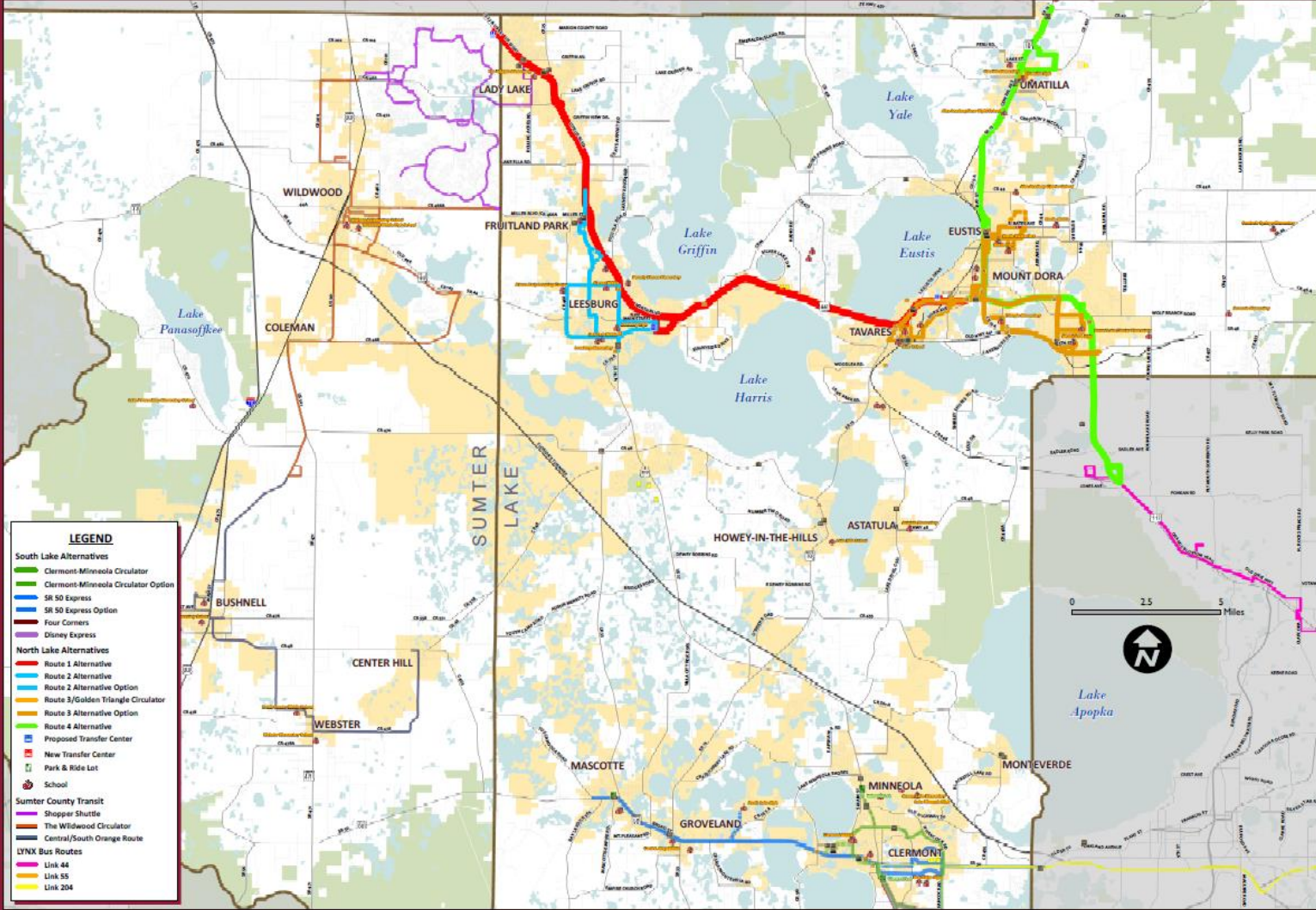
2016	<i>SR50 Spine Service - Route 50</i>
2017	<i>Weekend Service Routes 1 -4, 50</i>
2018	<i>No New Service</i>
2019	<i>Evening Service Routes 1 -4, 50</i>
2020	<i>Clermont-Minneola Circulator - Route 60</i>

Second Five Years

2021	<i>No New Service</i>
2022	<i>No New Service</i>
2023	<i>Double Frequency Routes 1 -4, 50, 60</i>
2024	<i>No New Service</i>
2025	<i>No New Service</i>

LakeXpress Routes

Service Route Alternatives Concepts: Lake and Sumter County, FL Lake~Sumter Transit Development Plan 2013

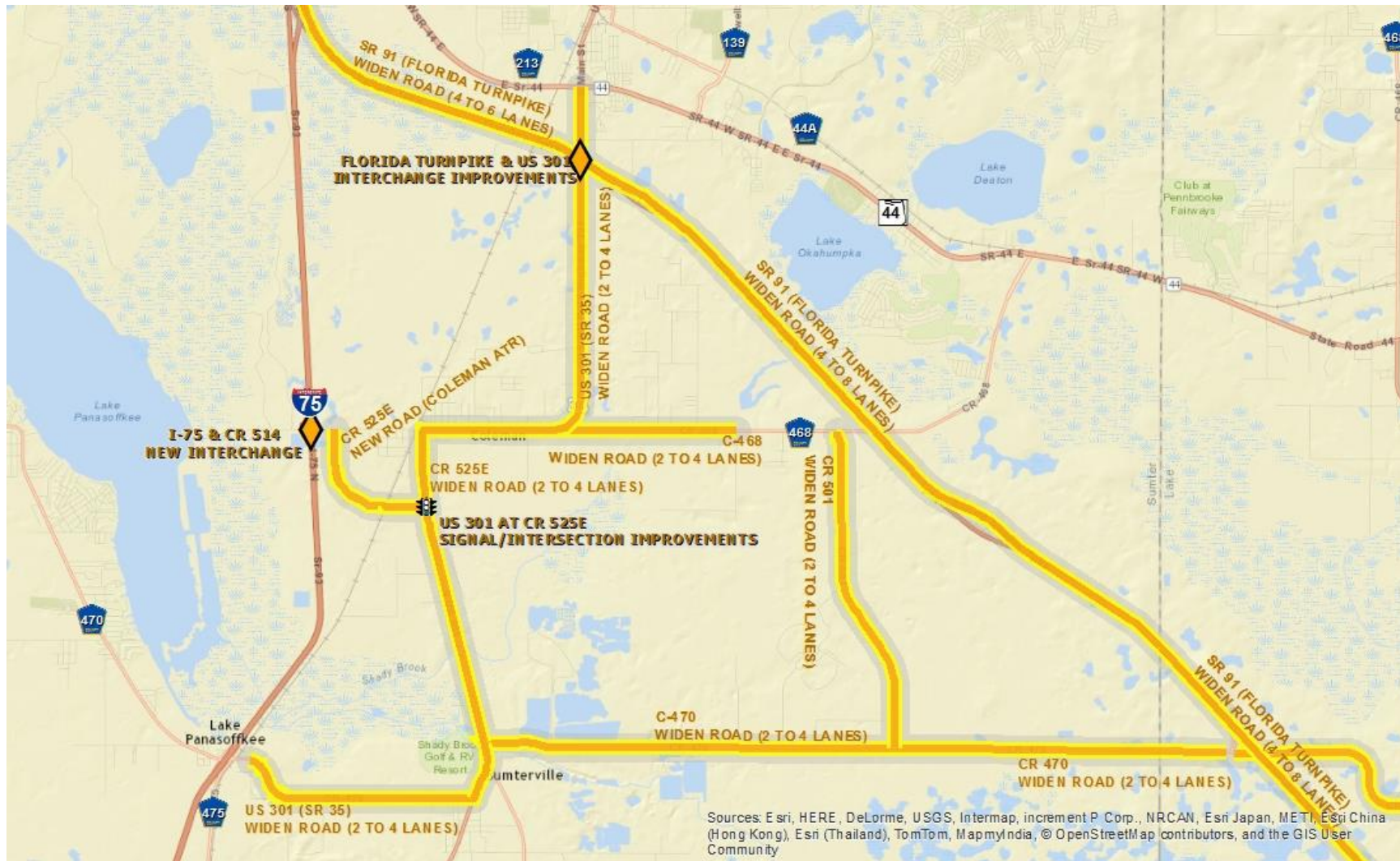


State Roads – List of Future Needs and Cost Feasible Projects

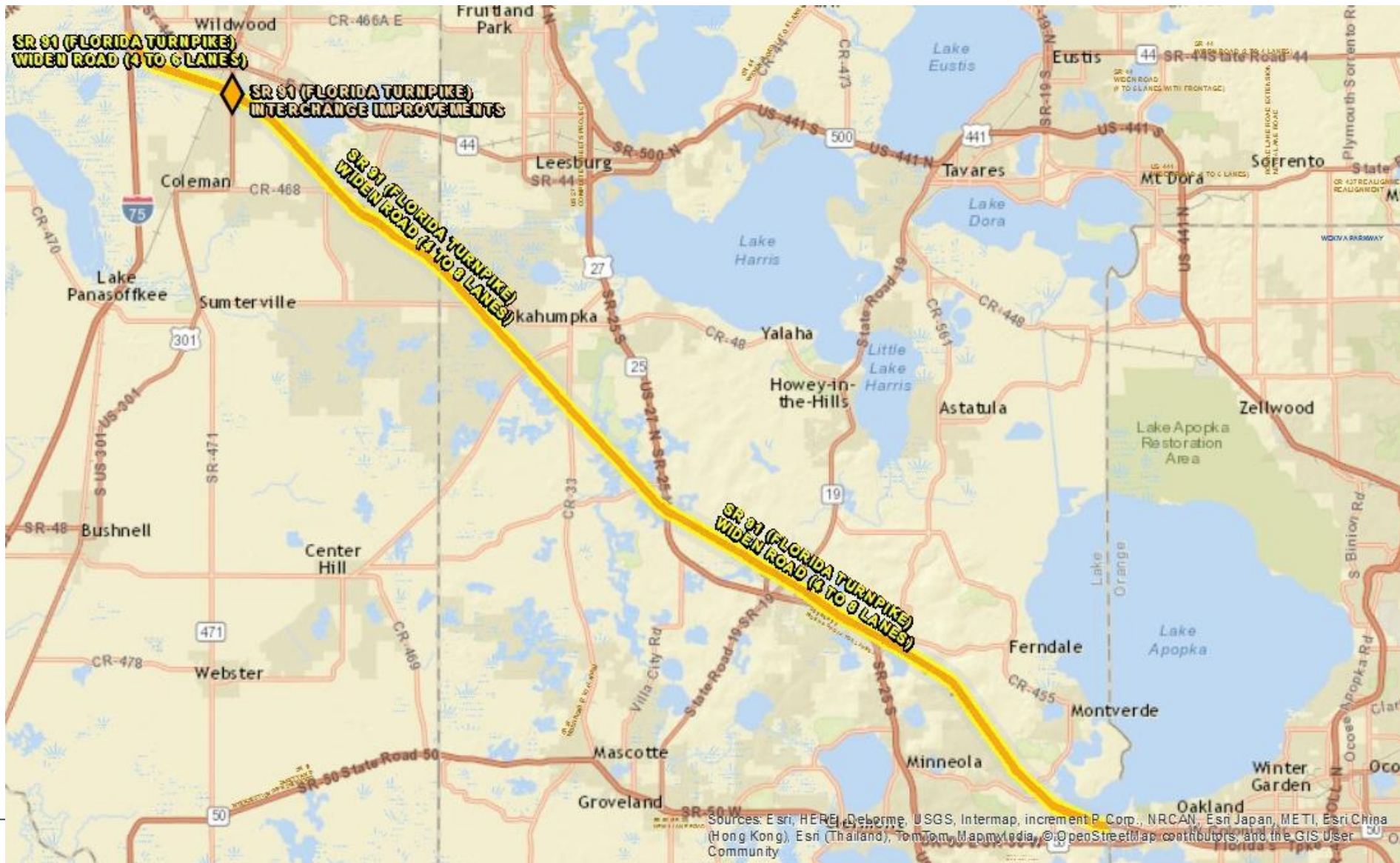


	US 301 & C-472	INTERSECTION		SUMTER	SIGNAL/INTERSECTION IMPROVEMENTS
2021-25	SR 44	ORANGE AVENUE	US 441	LAKE	WIDEN ROAD (2 TO 4 LANES)
	SR 50/SR 33	CR 565 (VILLA CITY ROAD)	BROWN STREET	LAKE	NEW 4 LANE ROAD
2026-30	US 301/SR 35	SR 44	C-470 W	SUMTER	WIDEN ROAD (2 TO 4 LANES)
	US 301 & CR 525E	INTERSECTION		SUMTER	SIGNAL/INTERSECTION IMPROVEMENTS
	US 441	SR 44	SR 46	LAKE	WIDEN ROAD (4 TO 6 LANES)
	C-470	TURNPIKE WEST RAMPS	CR 527	SUMTER	WIDEN ROAD (2 TO 4 LANES)
	CR 470	TP WEST RAMPS	CR 33	LAKE	WIDEN ROAD (2 TO 4 LANES)
	SR 44 & US 27	INTERSECTION		LAKE	UPGRADE INTERSECTION
	US 441/SR 500	PERKINS STREET	SR 44	LAKE	WIDEN ROAD (4 TO 6 LANES)
End of Cost-Feasible Projects thru 2040	CR 48	EAST OF US 27 (PALATLAKAHA BRIDGE)	CR 33	LAKE	WIDEN ROAD (2 TO 4 LANES)
	SR 19	CR 561	CR 48	LAKE	WIDEN ROAD (2 TO 4 LANES)
	SR 50	HERNANDO CO	CR 33	SUMTER	CORRIDOR IMPROVEMENT
	LAKE ORANGE PARKWAY	US 27	ORANGE COUNTY LINE	LAKE	NEW 4 LANE ROAD
	SR 44	SR 44 & ORANGE AVENUE	CR 46A	LAKE	WIDEN ROAD (2 TO 4 LANES)
Future Needs not Cost-Feasible	SR 19	SR 50	CR 455	LAKE	WIDEN ROAD (2 TO 4 LANES)

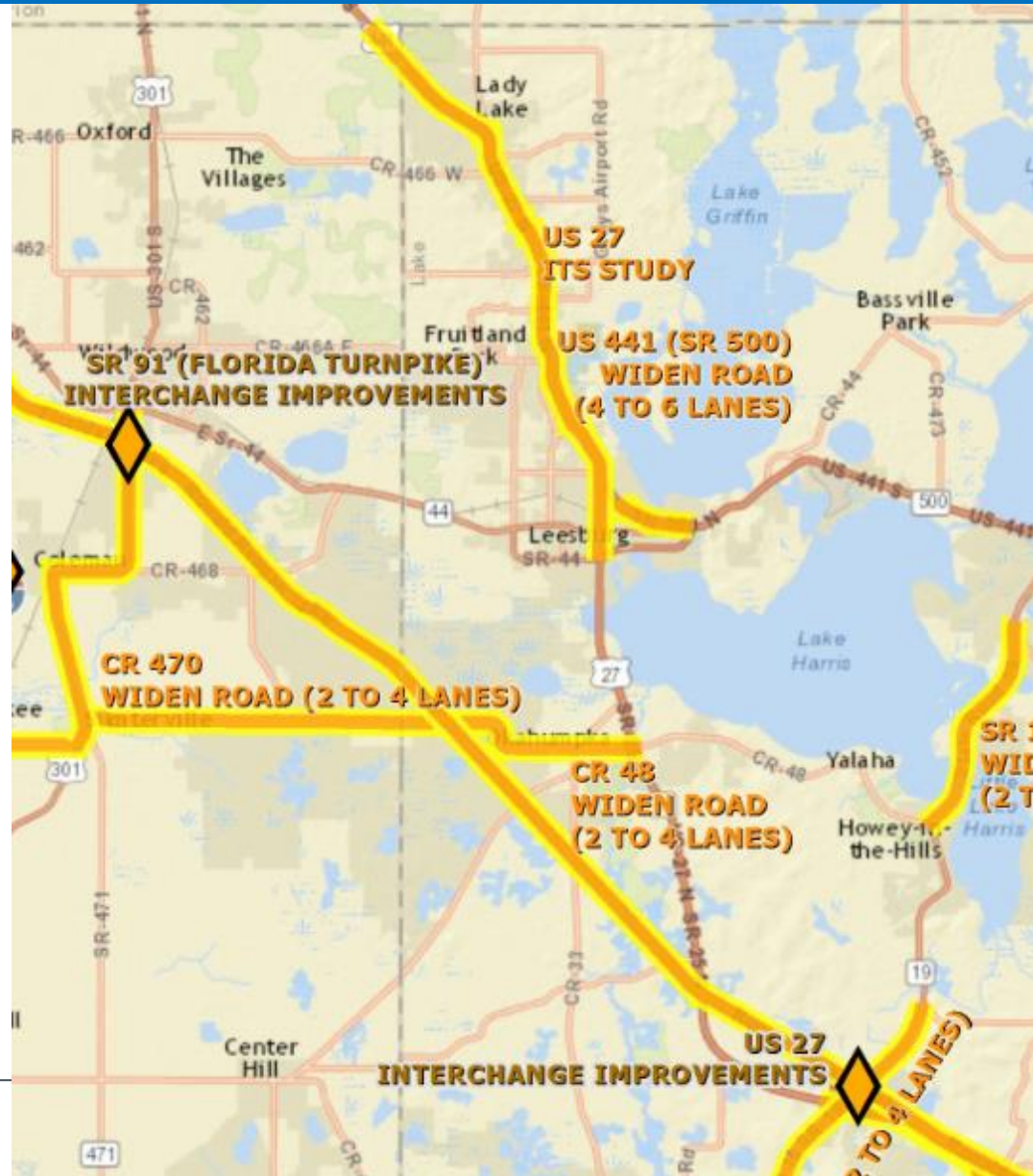
Sumter County – Long Range Projects



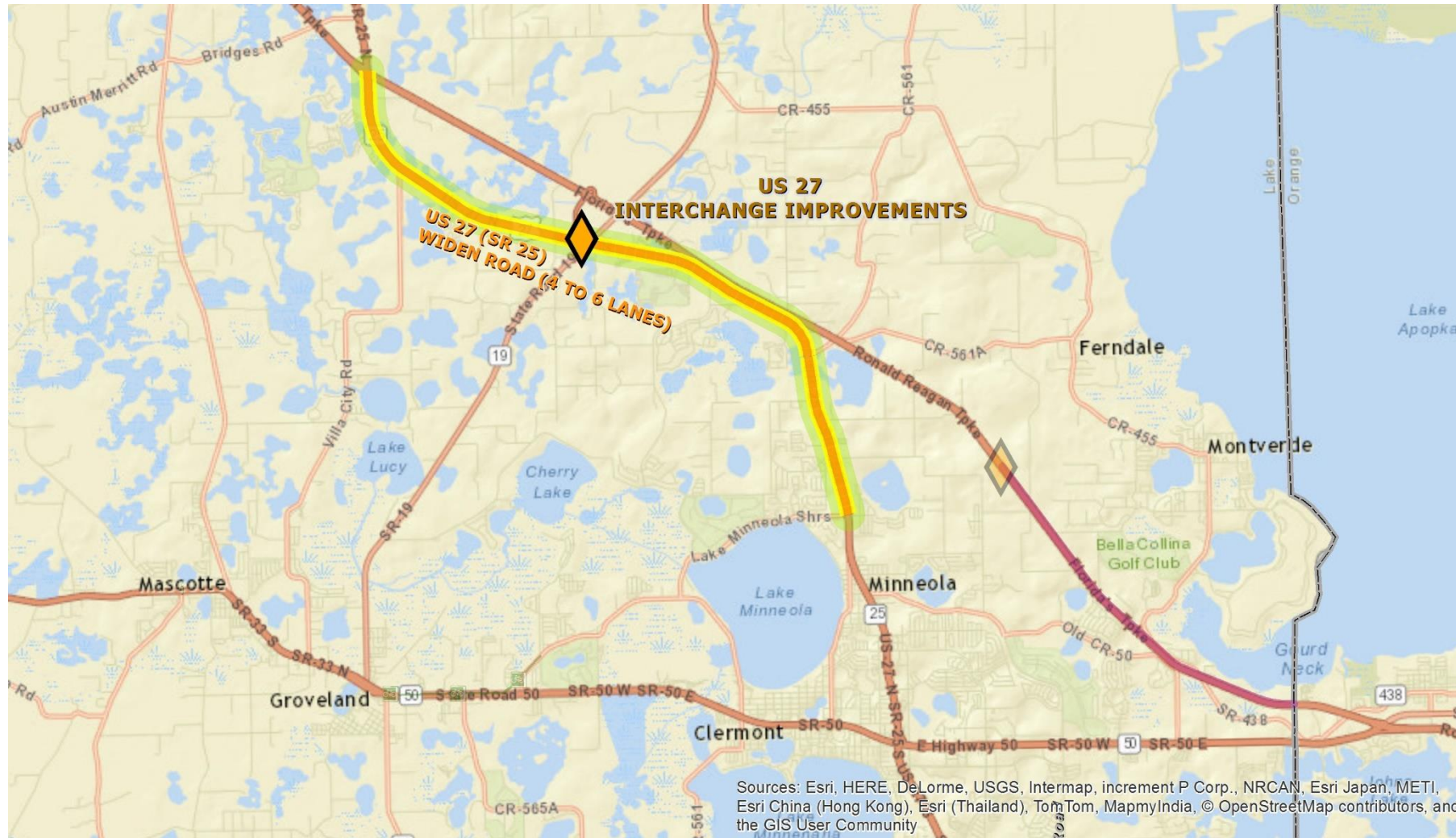
Florida Turnpike Enterprise – Long-Range Improvements



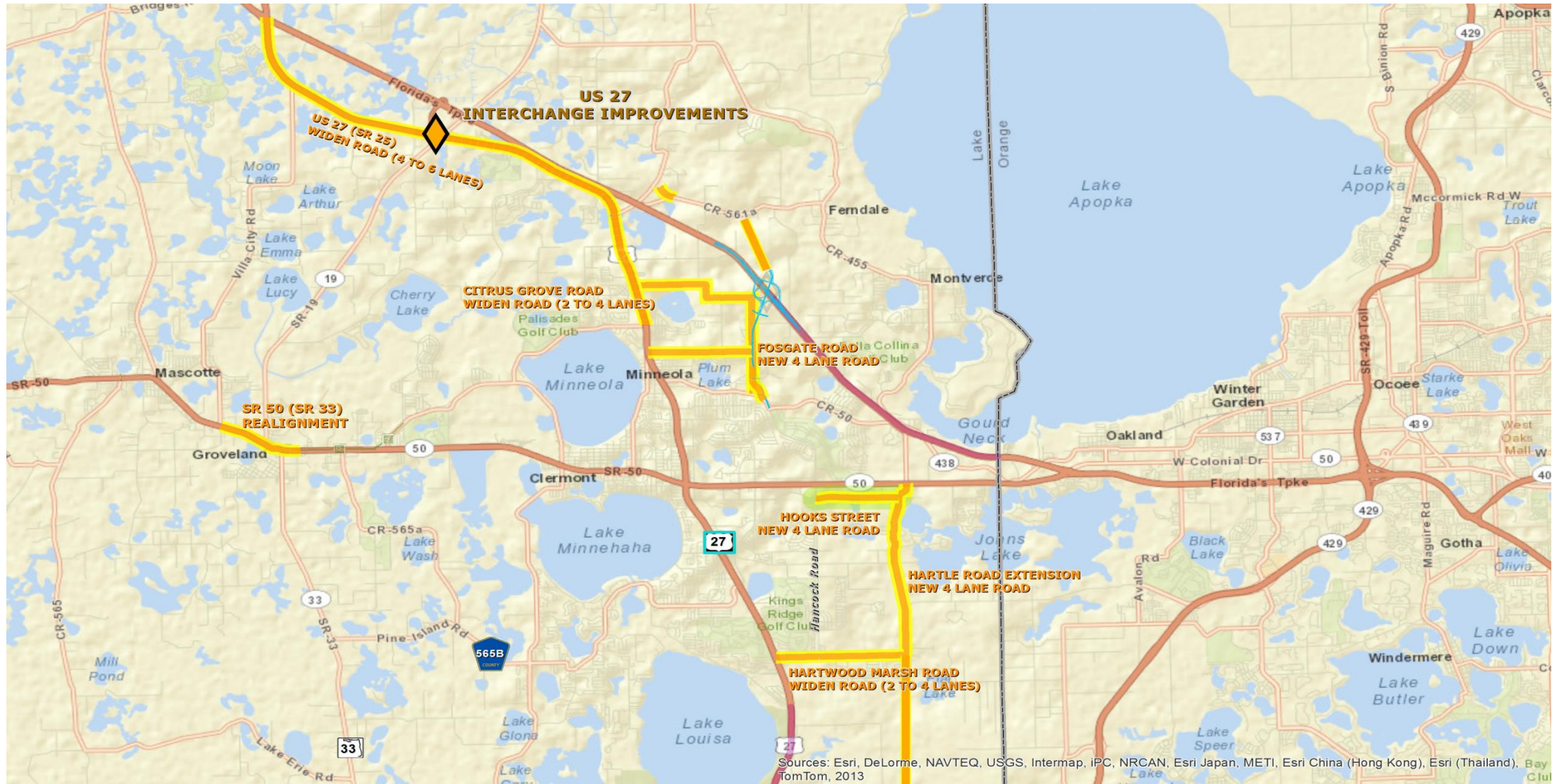
Central Lake-Sumter Area – Long-Range Improvements



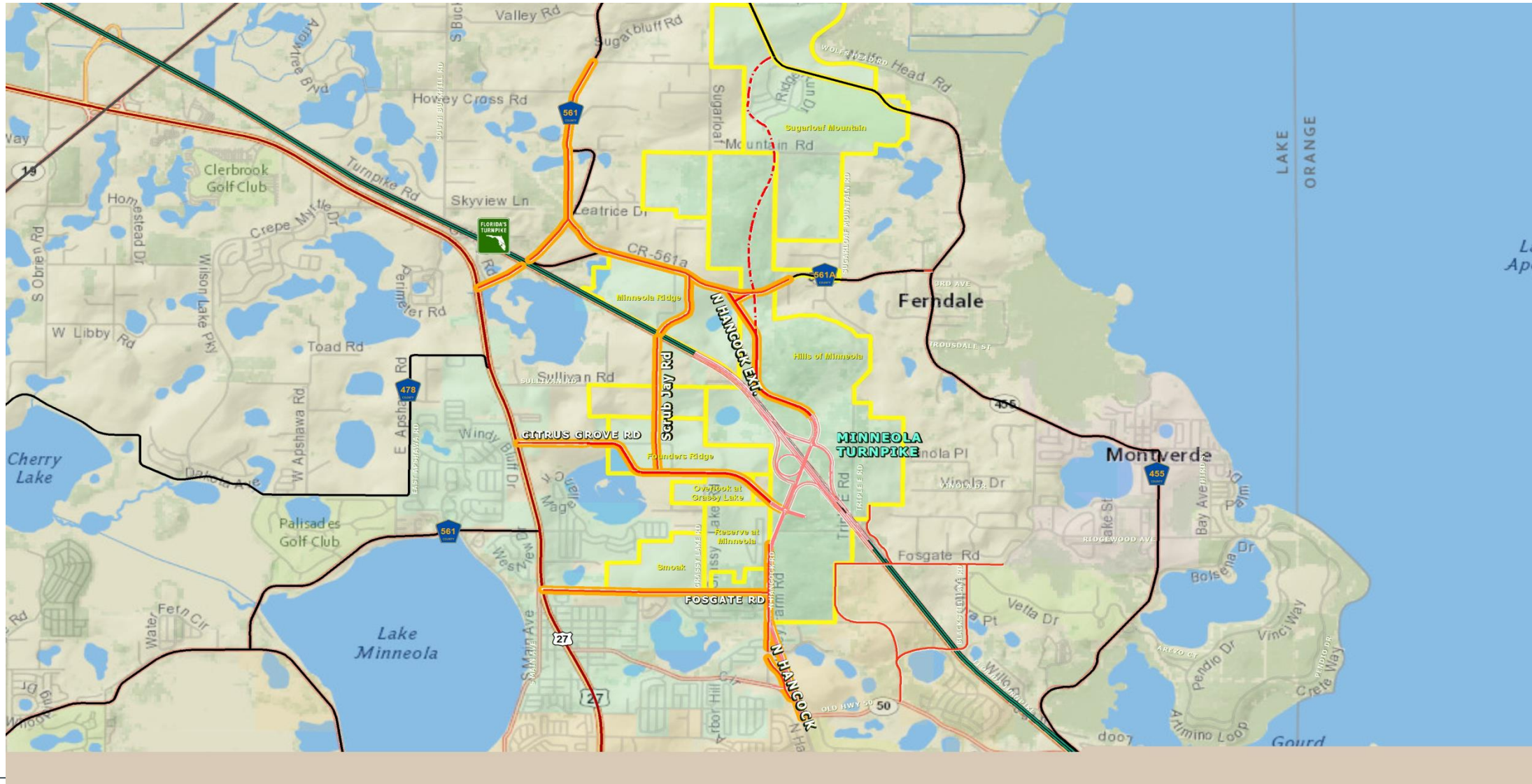
US 27 – Long-Range Improvements



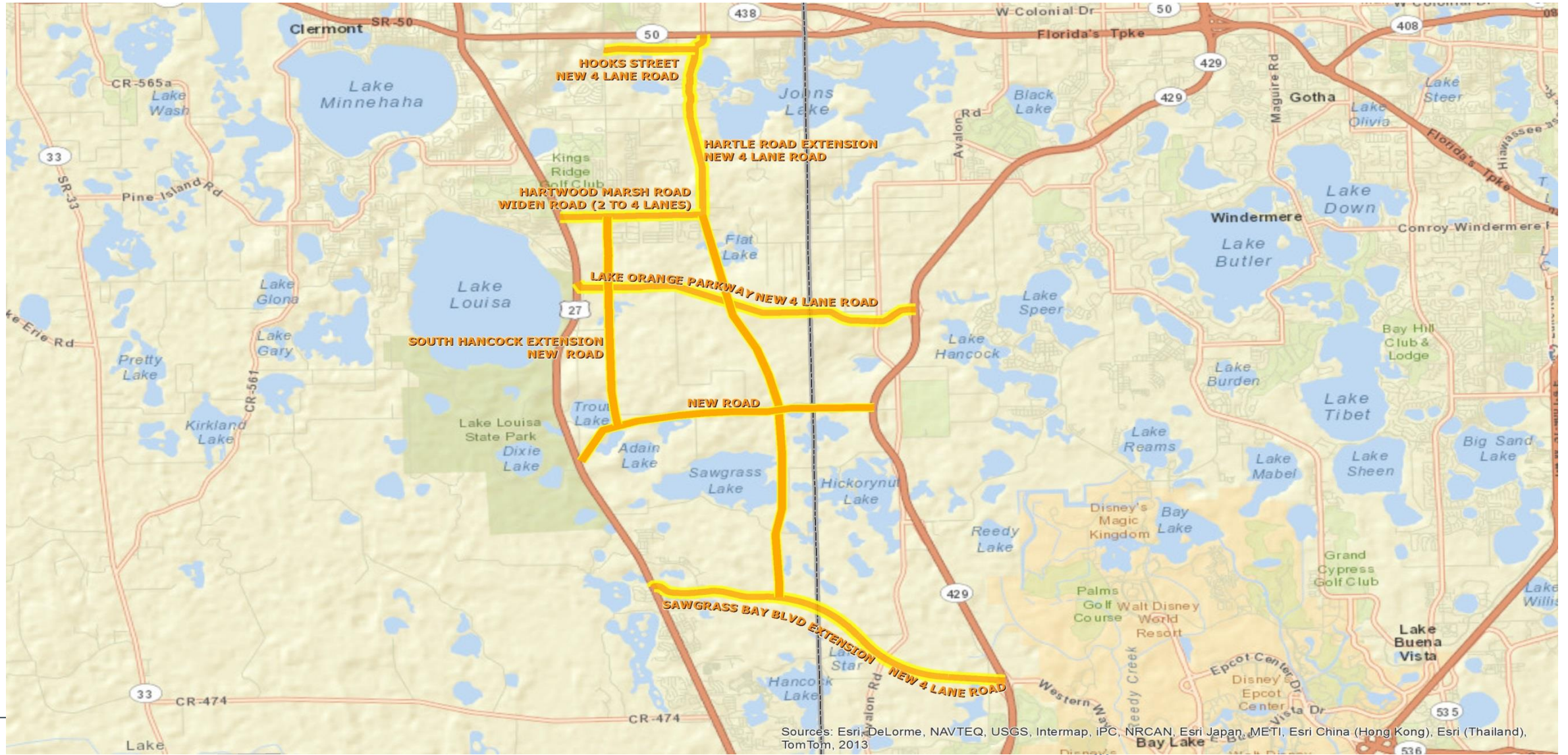
South Lake County – Long-Range Projects



Minneola Interchange Area – Long-Range Improvements

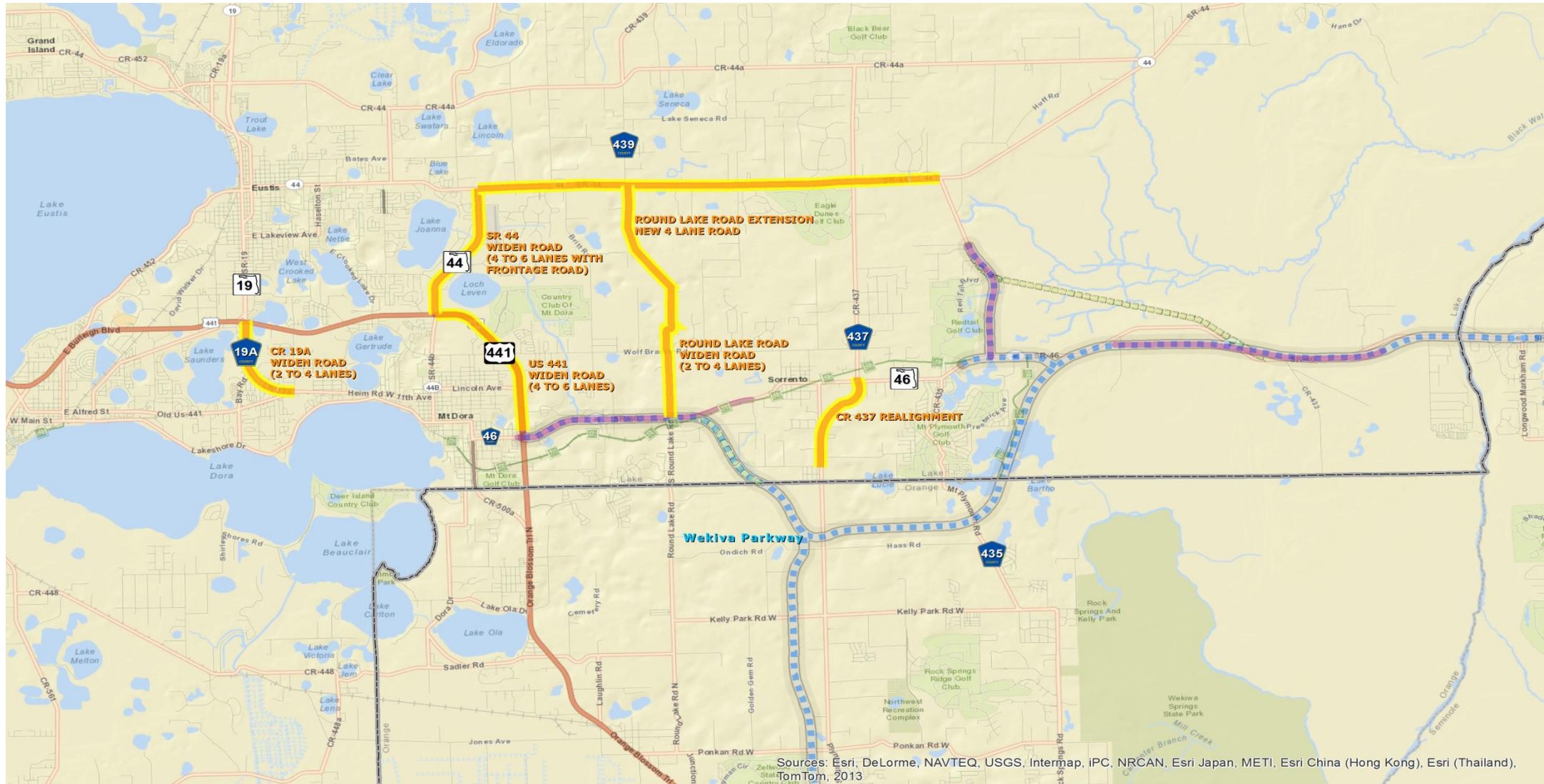


South Lake County (South of SR 50) – Long-Range Improvements



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013

East Lake County – Long-Range Projects



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, IPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013

Public Comments on Proposed Plan:

- Does our needs plan address the issues for your community?
- Is the constrained funding being focused on the biggest needs?
- What are your priorities for:
 - 2021-2025
 - 2026-2030
 - 2031-2040

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TRANSPORTATION 2040

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