



2045 Long Range Transportation Plan

MPO Governing Board Meeting October 28, 2020

Today's Objective

- Review
Summary/Adoption
Report
- Action: Approval by
the MPO Board

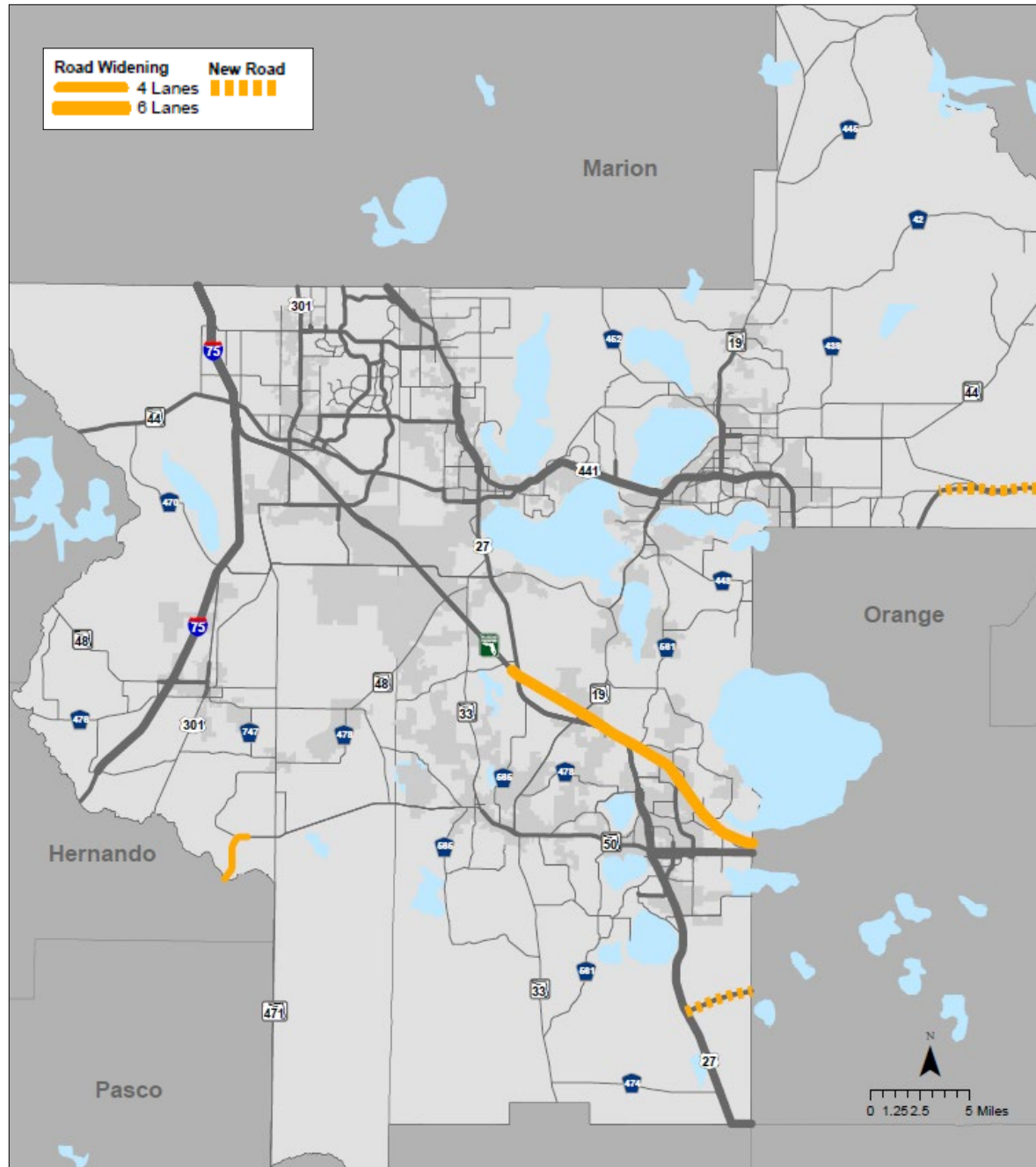


L RTP Update Process

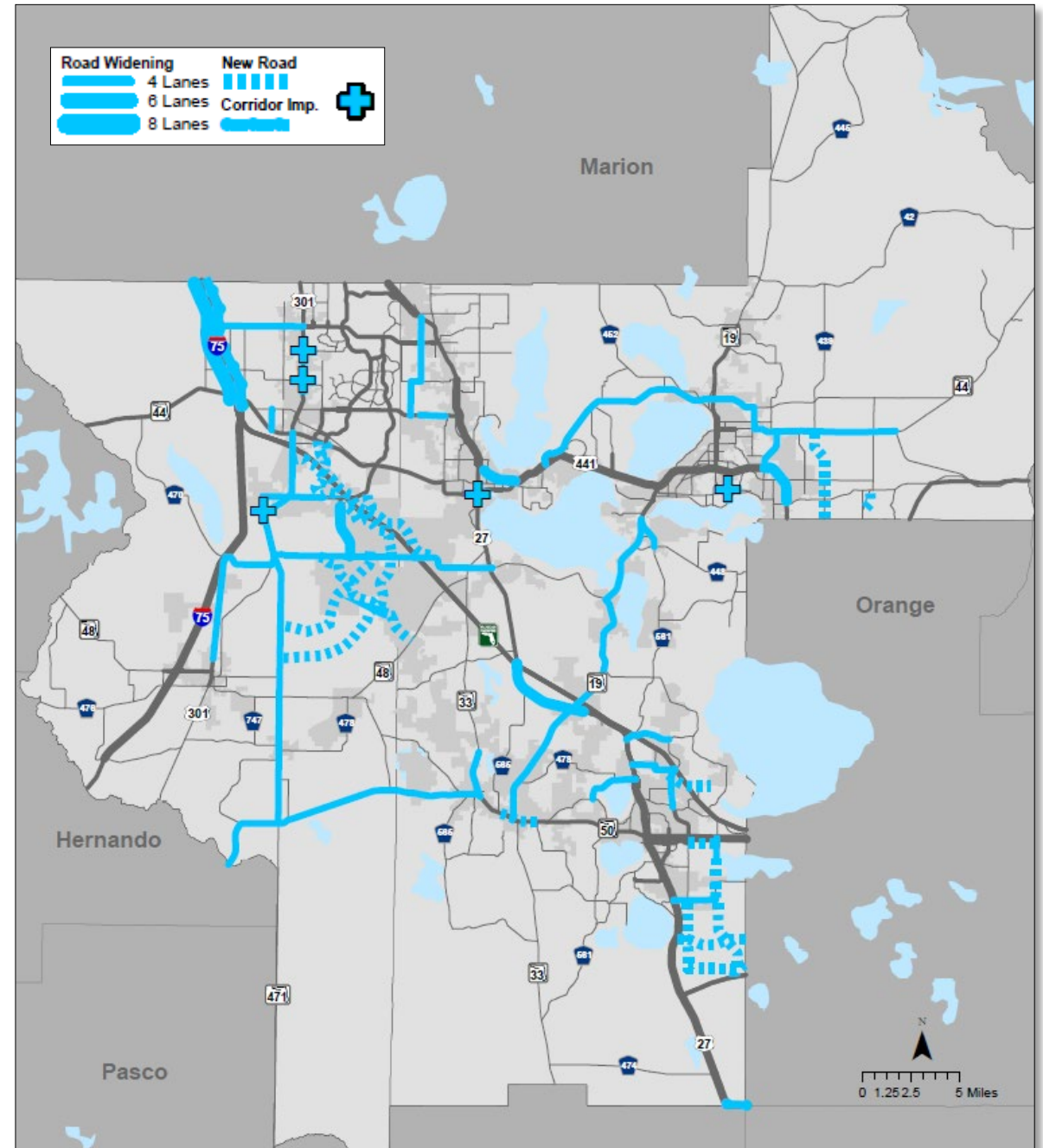
1. Preliminary Planning
 - Financial Resources
 - Forecasted Population and Employment
2. Needs Assessment
3. Cost Feasible Plan Development
4. Other Planning Elements
5. Plan Documentation
6. Plan Adoption / Finalize Plan Documentation



5-Year Committed



Needs Assessment



Financial Resources

Summary of Lake-Sumter MPO Revenues (2025-2045) (Year of Expenditure)

Category	Total Projected Revenues 2025-2045
<i>Projected State and Federal Revenues</i>	
Other Roads Construction & ROW	\$780,180,000
Other Roads – Product Support	\$171,640,000
TALU	\$2,220,000
TALL	\$1,916,000
<i>Strategic Intermodal System Projects</i>	
SIS Revenues	\$608,228,000
<i>Projected Local Revenues</i>	
Lake County Revenues	\$664,539,000
Sumter County Revenues	\$493,445,000
<i>Projected Transit Revenues (Federal, State, and local)</i>	
Lake County Transit Revenues	\$281,898,000
Sumter County Transit Revenues	\$42,474,000
Total	\$3,046,540,000

*Illustrative funds (TALT and TRIP) are excluded from the table

Process Overview





1. Needs Assessment
2. 2020 List of Priority Projects (LOPP)
3. SIS Cost Feasible Projects
4. 2040 LRTP Cost Feasible Plan
5. Other Input

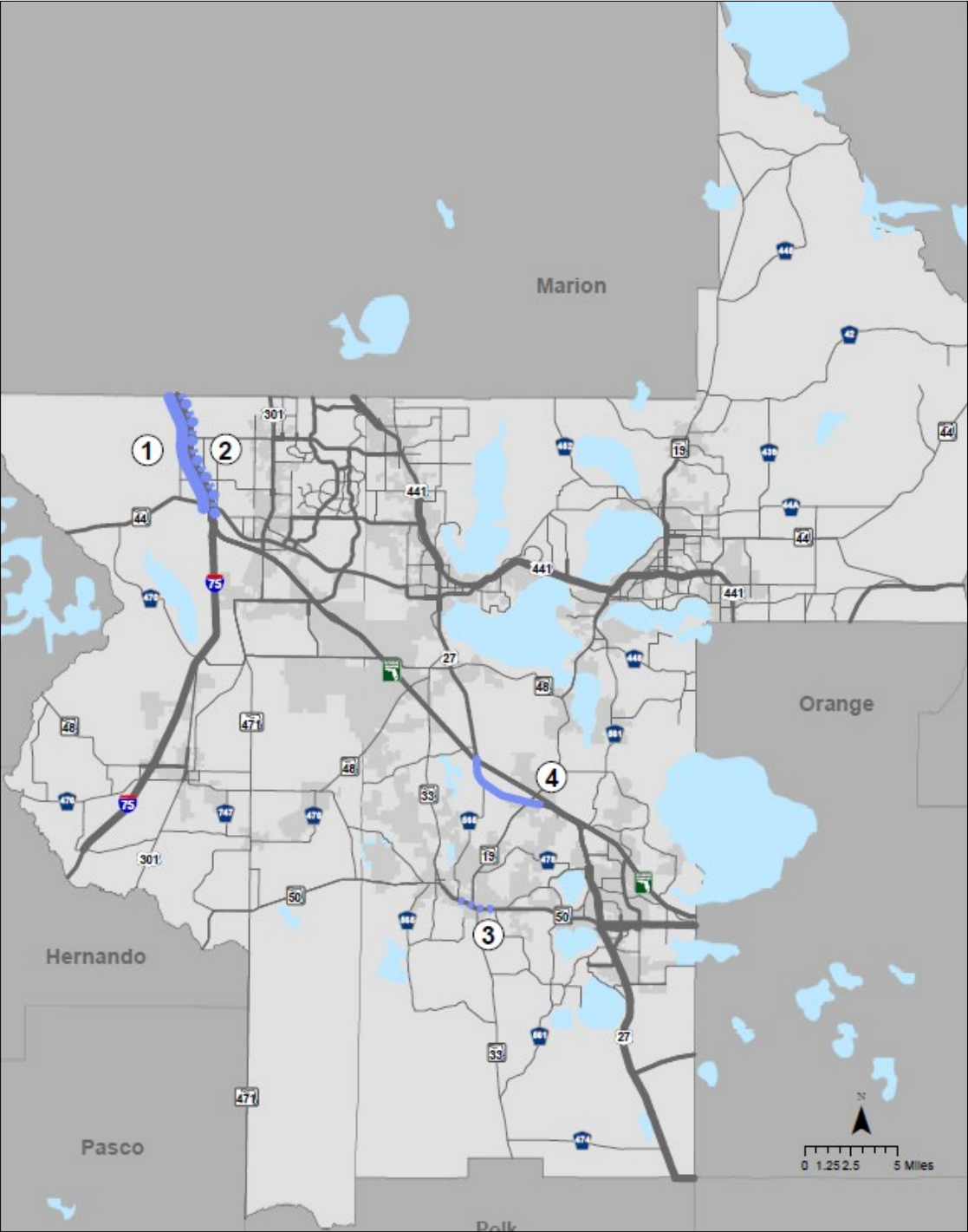


Cost Feasible Plan

SIS (Fully Funded Projects)

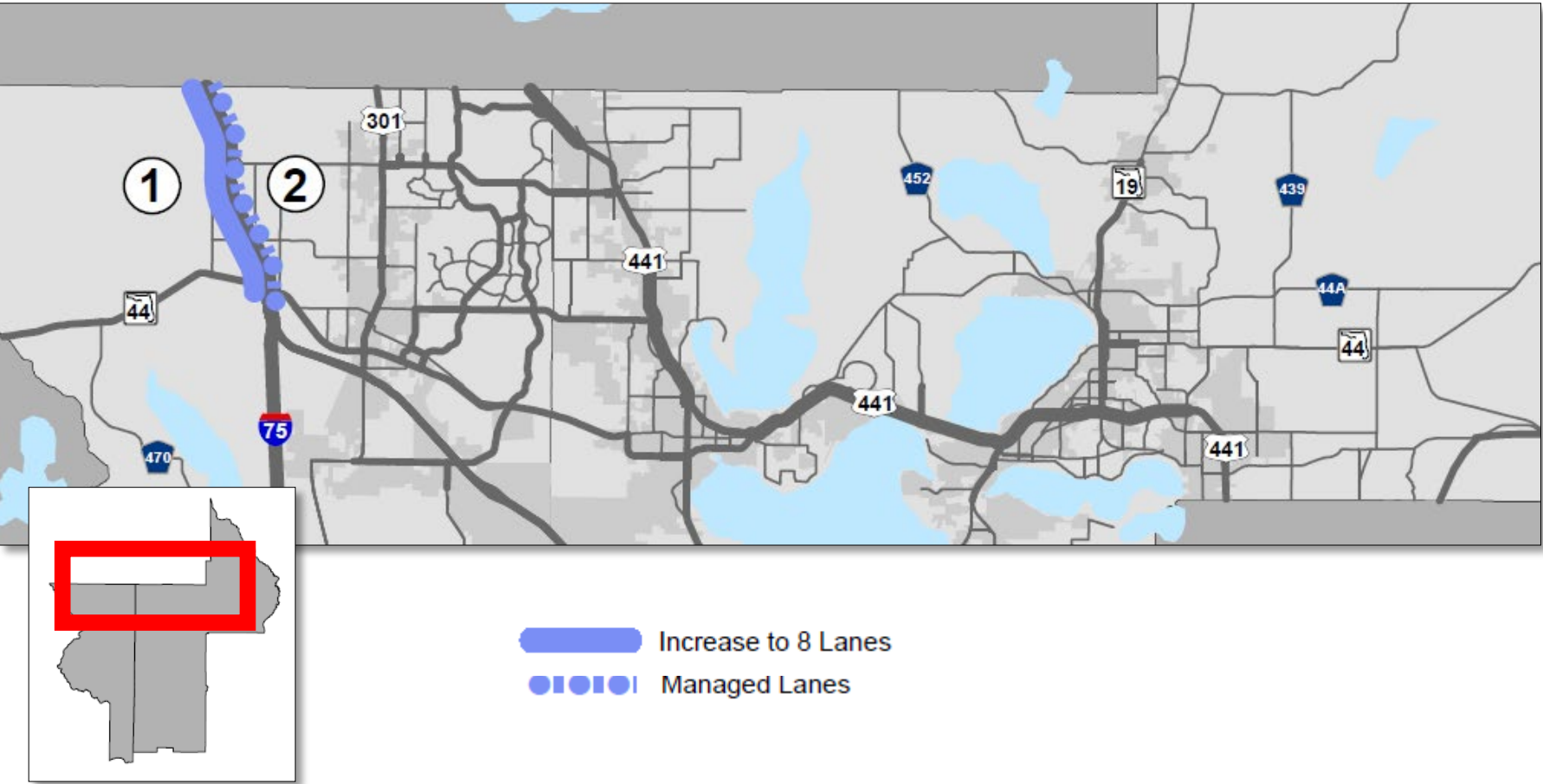
Strategic Intermodal System	
Map ID	Roadway Name
1	I-75 from SR-44 to Sumter/Marion County Line
2	I-75 from Florida's Turnpike to Sumter/Marion County Line
3	SR-50 from CR-565 (Villa City) to CR-565A (Montevista)
4	US-27 Florida's Turnpike Ramps to South of SR 19

-  Increase to 6 Lanes
-  Increase to 8 Lanes
-  New Road
-  Managed Lanes



Cost Feasible Plan

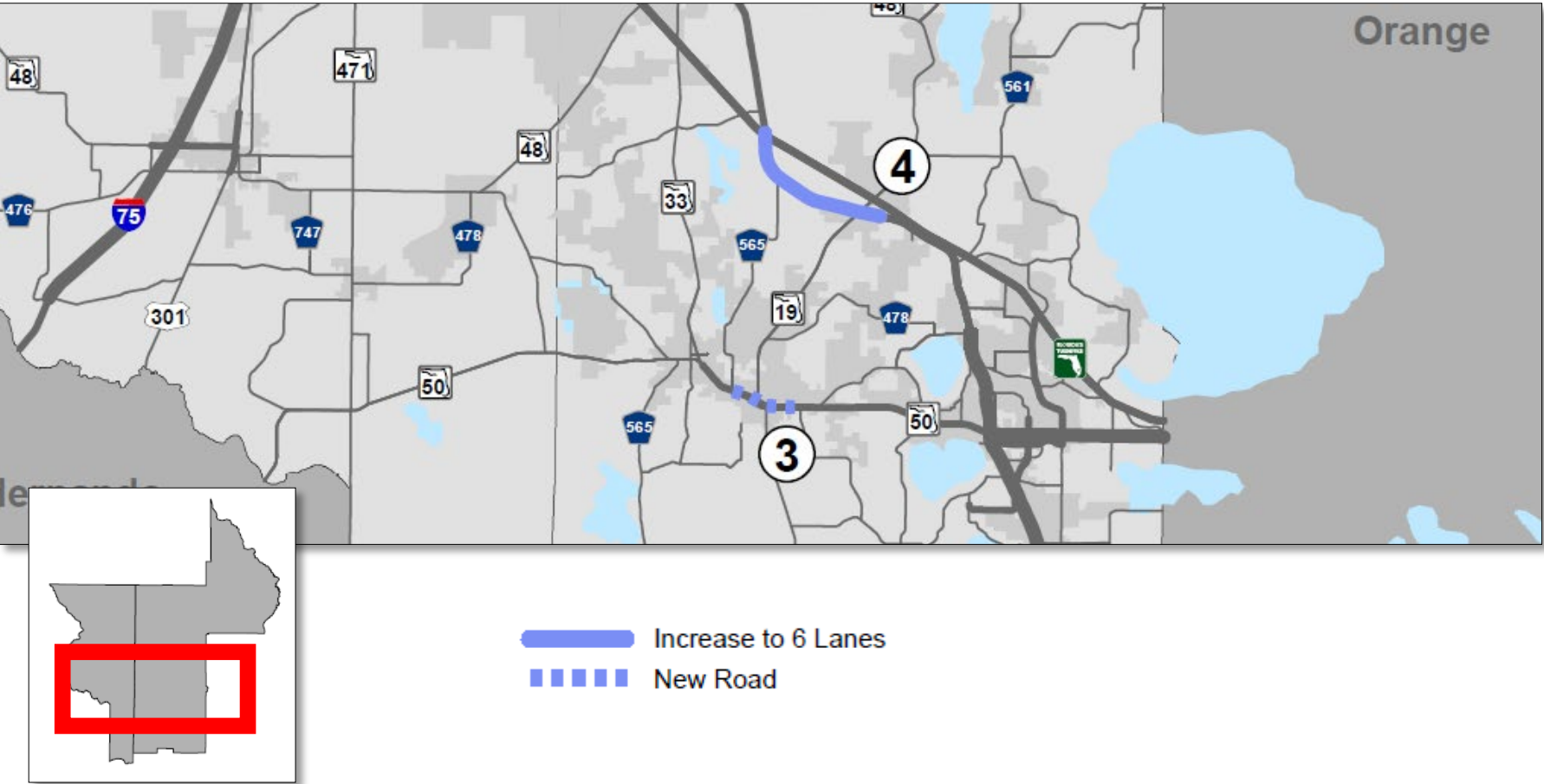
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Cost Feasible Plan

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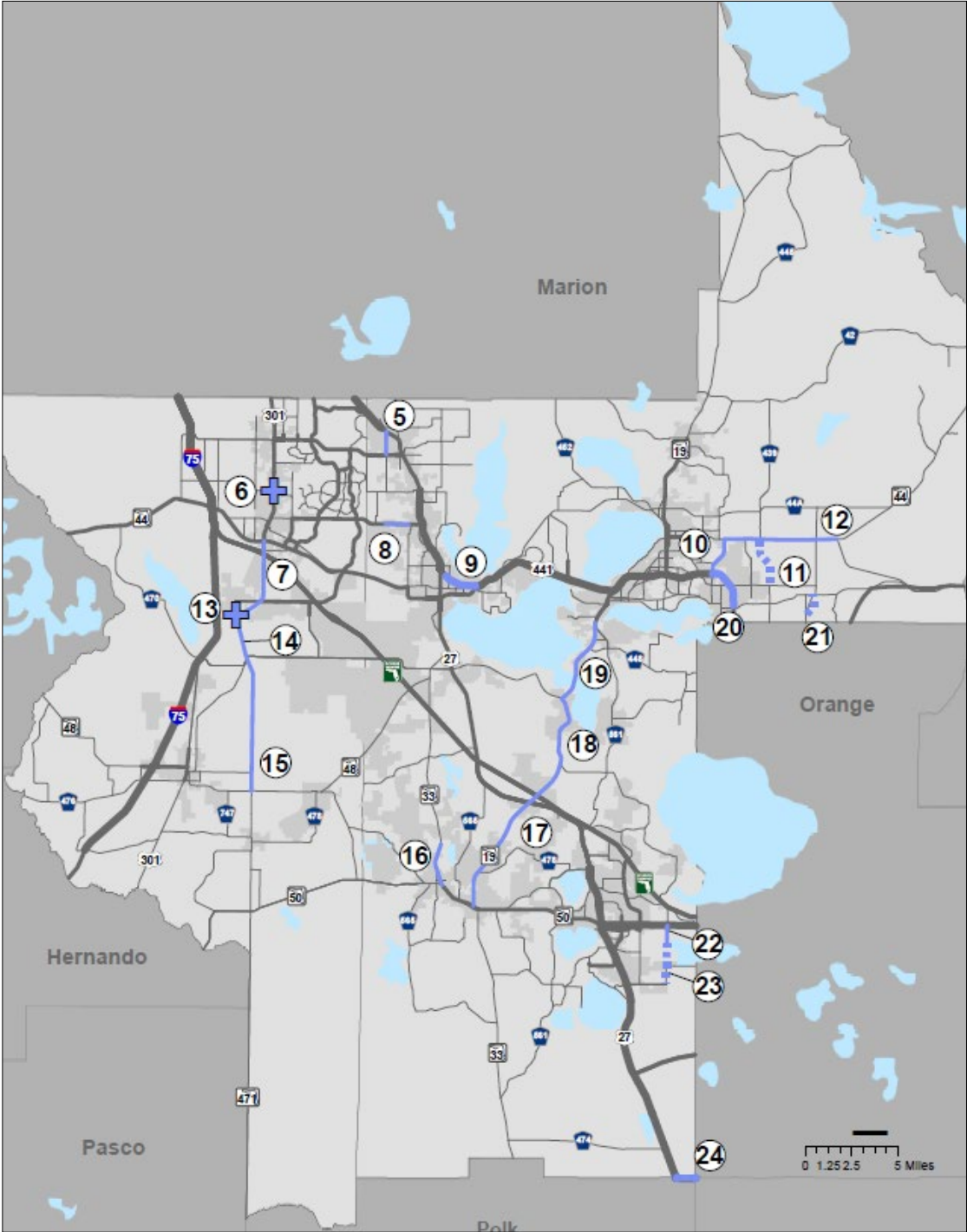
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Cost Feasible Plan

Other State

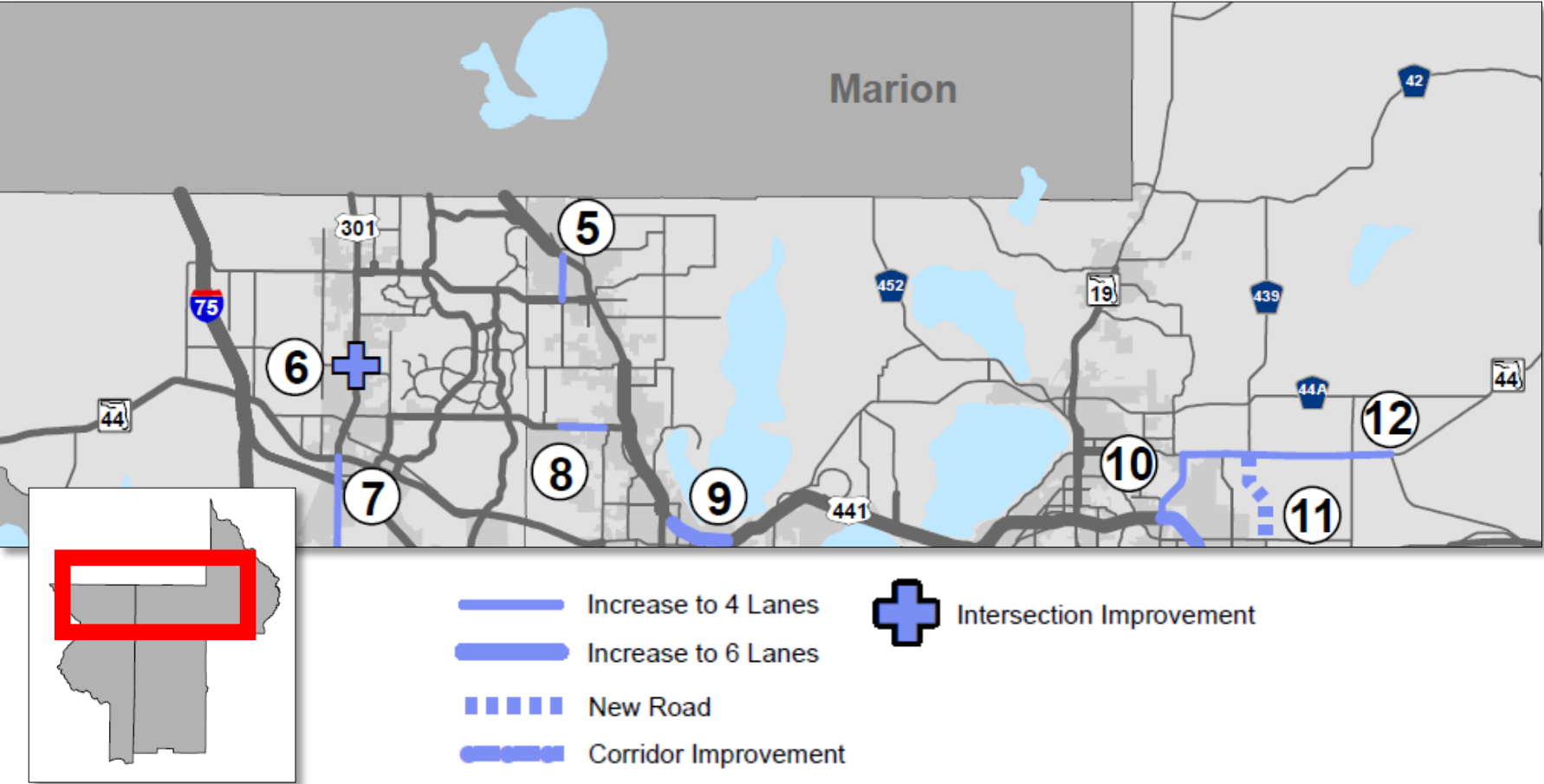
(Fully and Partially-Funded Projects)

Other State	
Map ID	Roadway Name
5	Rolling Acres Rd from Co Rd 466 to Griffin Ave
6	US-301 @ E CR-462
7	US-301 from CR-525E to SR-44
8	CR-466A from E of Timbertop Ln to Poinsettia Ave
9	US-441 (SR-500) from Perkins Street to SR-44
10	SR-44 from US-441 to E Orange Ave
11	Round Lake Rd Ext. (A) from Wolf Branch Rd. to SR-44
12	SR-44 from SR-44 & Orange Ave to CR-46A
13	US-301 @ CR-525E
14	US-301 from CR-470 to CR-525E
15	SR-471 from SR-48 to US 301
16	CR-33 from SR-50 to Simon Brown Rd (partially funded)
17	SR-19 from SR-50 to CR-455
18	SR-19 from CR-455 to CR-48 (partially funded)
19	SR-19 from CR-48 to CR-561 (partially funded)
20	US-441 (SR-500) from SR-44 to N of SR-46
21	CR-437 Realignment from Oak Tree Dr to SR-46
22	CR-455/Hartle Rd from Lost Lake Rd to Good Hearth Blvd
23	CR-455/Hartle Rd from Hartwood Marsh to Lost Lake
24	US-192 from US-27 to Orange/Lake County Line



Cost Feasible Plan

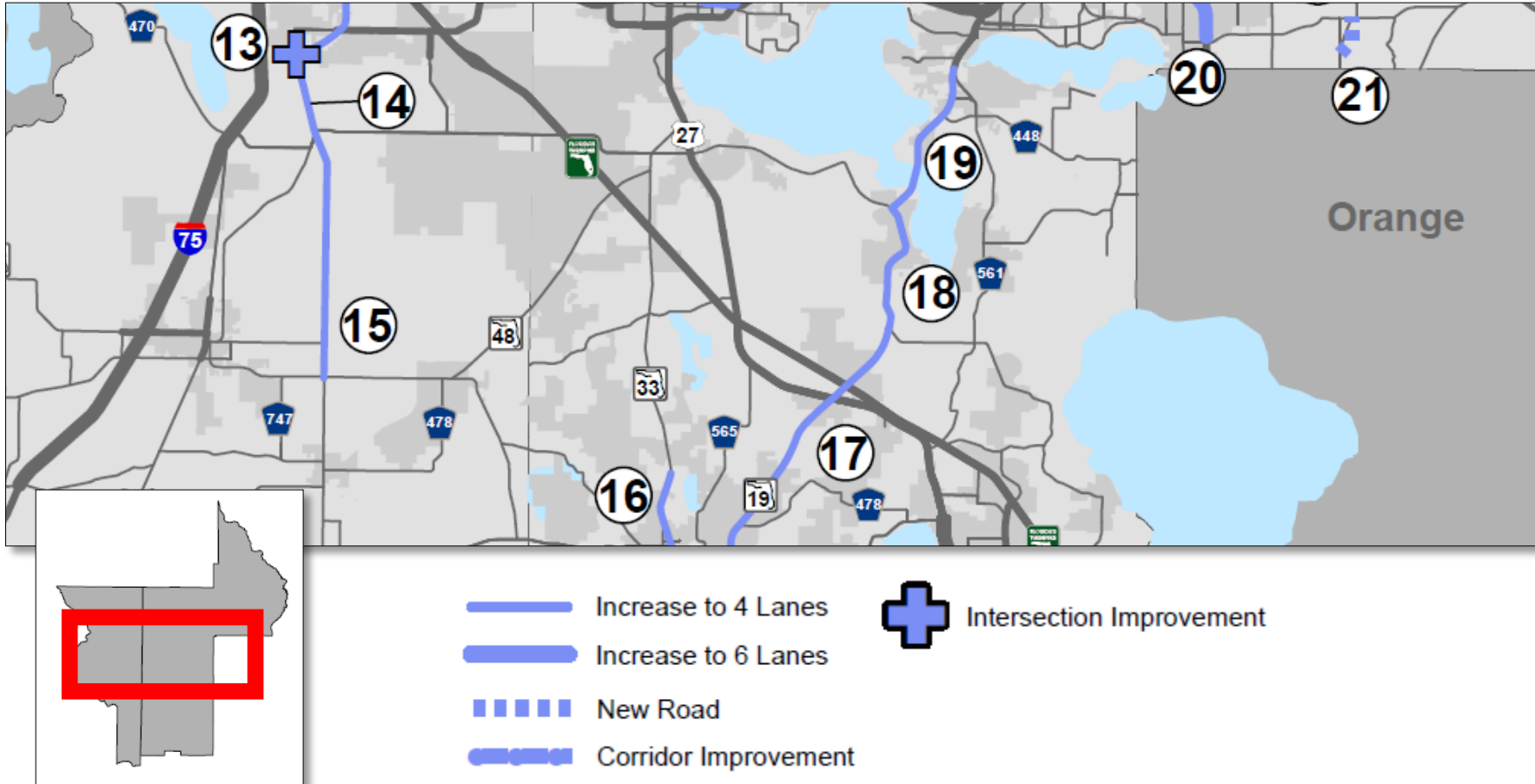
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Cost Feasible Plan

Other State (Fully and Partially-Funded Projects)



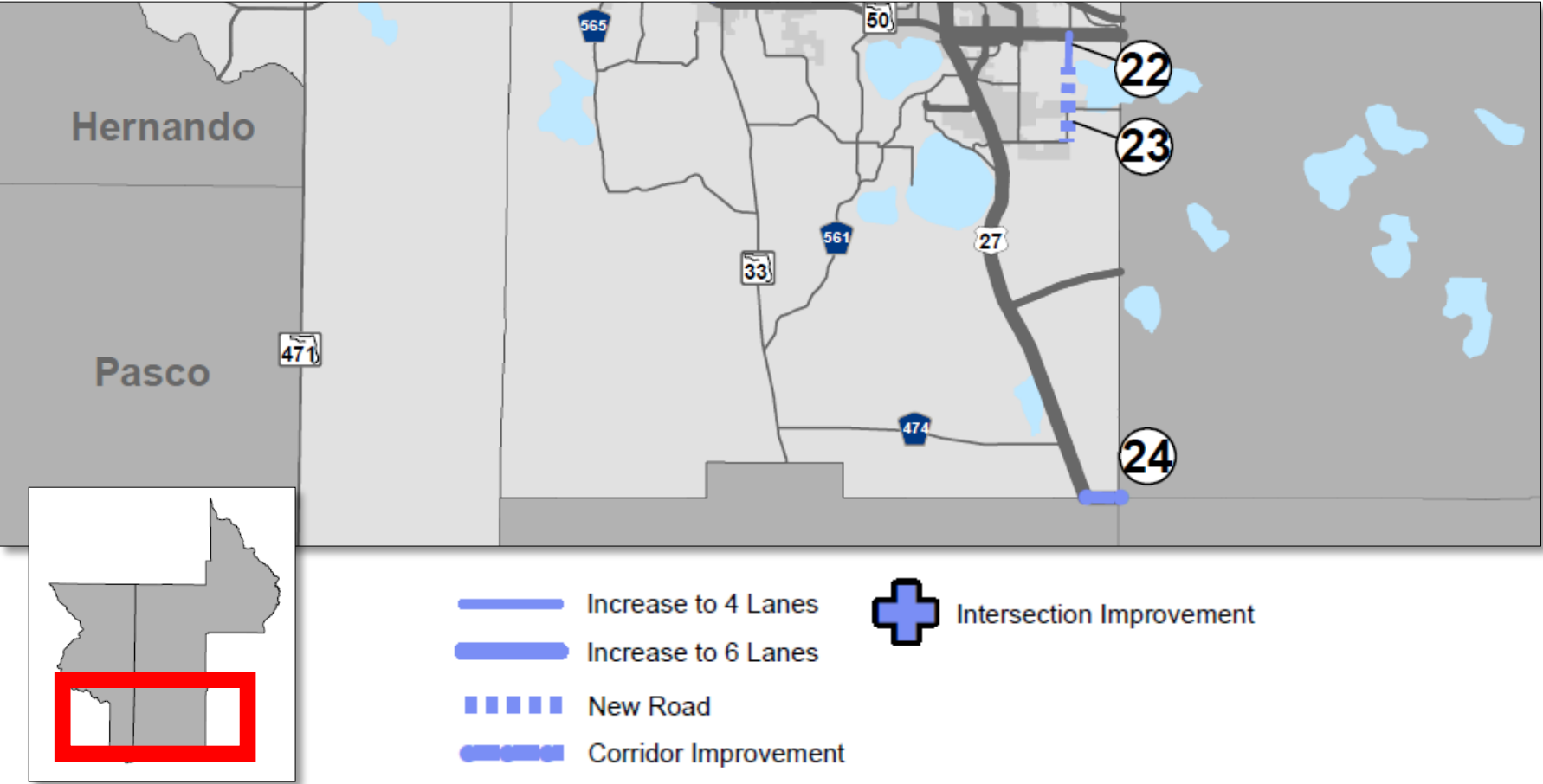
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*Partially funded projects

Cost Feasible Plan

Other State (Fully and Partially-Funded Projects)



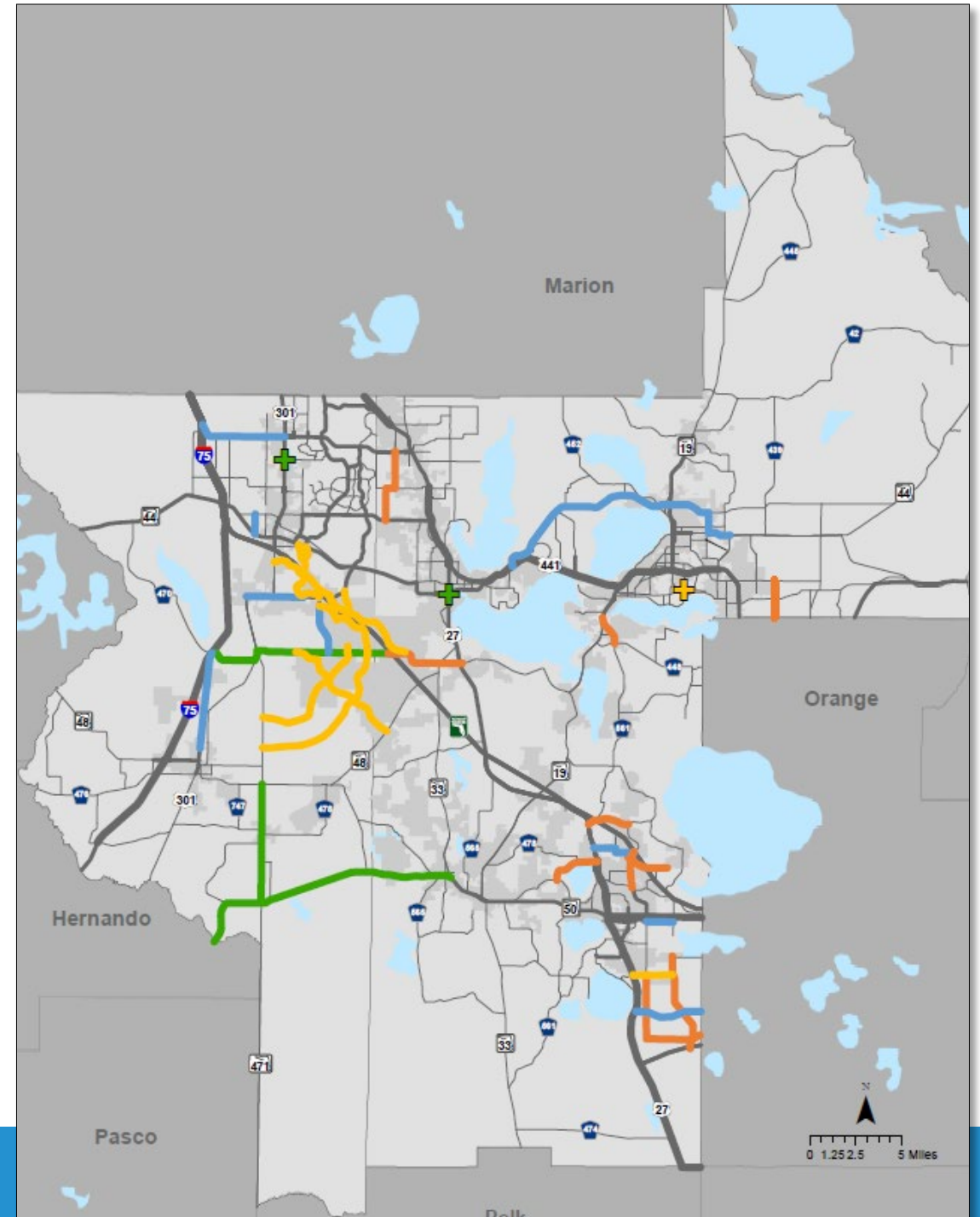
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- Increase to 4 Lanes
- Increase to 6 Lanes
- - - New Road
- Corridor Improvement
- + Intersection Improvement

Cost Feasible Plan

Local Projects

- Unfunded projects organized into tiers:
 - **Tier 1:** Highest Priority Projects
 - **Tier 2 and Tier 3** projects will be considered as funding becomes available



Bicycle/ Pedestrian/ Trails

- MPO actively engaged in identifying needs and opportunities for supporting the development of bicycle, pedestrian, and regional trail projects
- Projects prioritized on annual basis
- MPO continues to plan for a series of paved multi-use trails that connect to other regional trails

Regional Trails

- Existing
- In Process or Planned
- Conceptual

Sun Trail

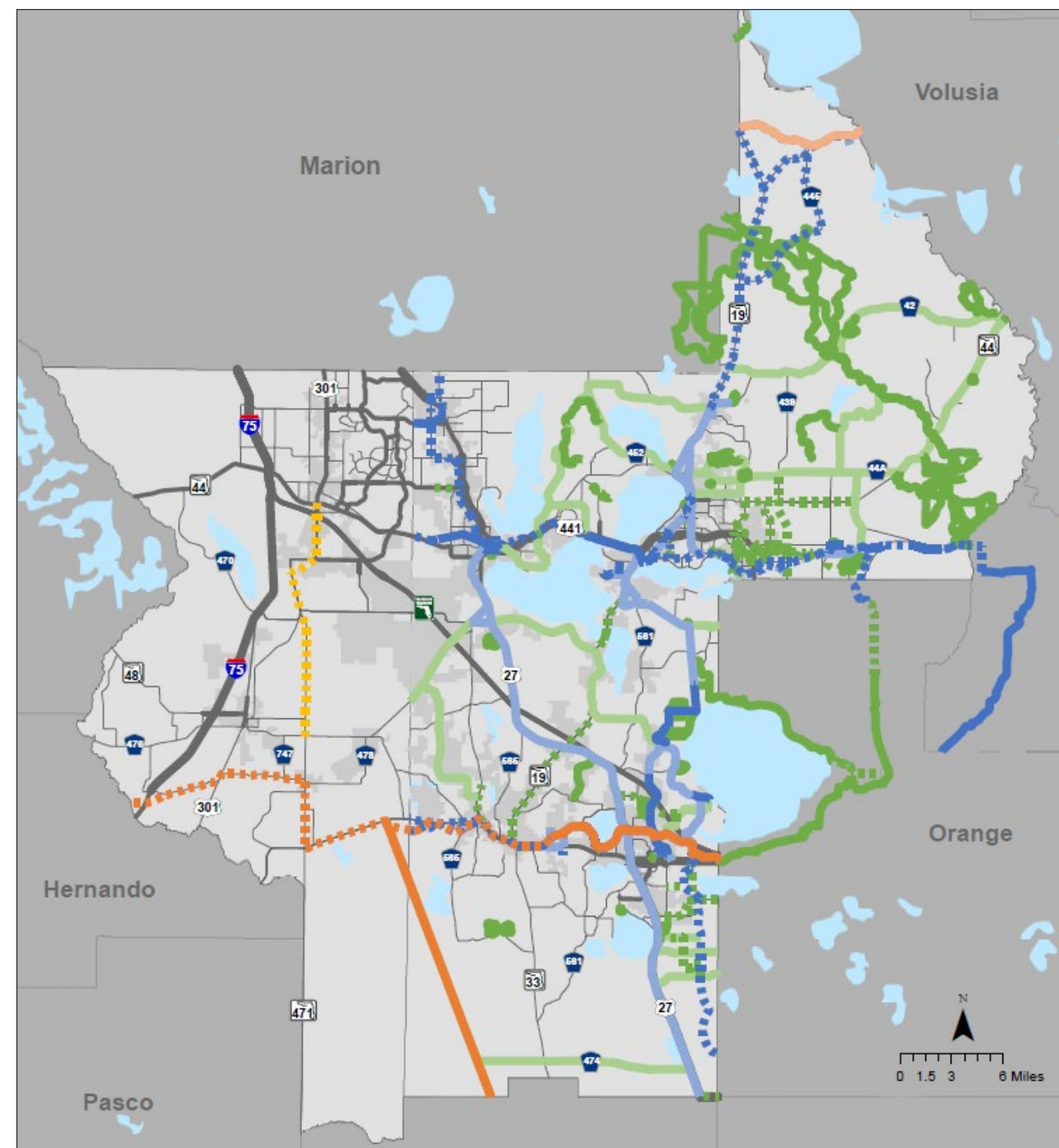
- Existing
- Programmed or Funded
- Unfunded Gap

Lake County Trails

- Existing
- In Process or Planned
- Conceptual

Sumter County Trails

- In Process or Planned



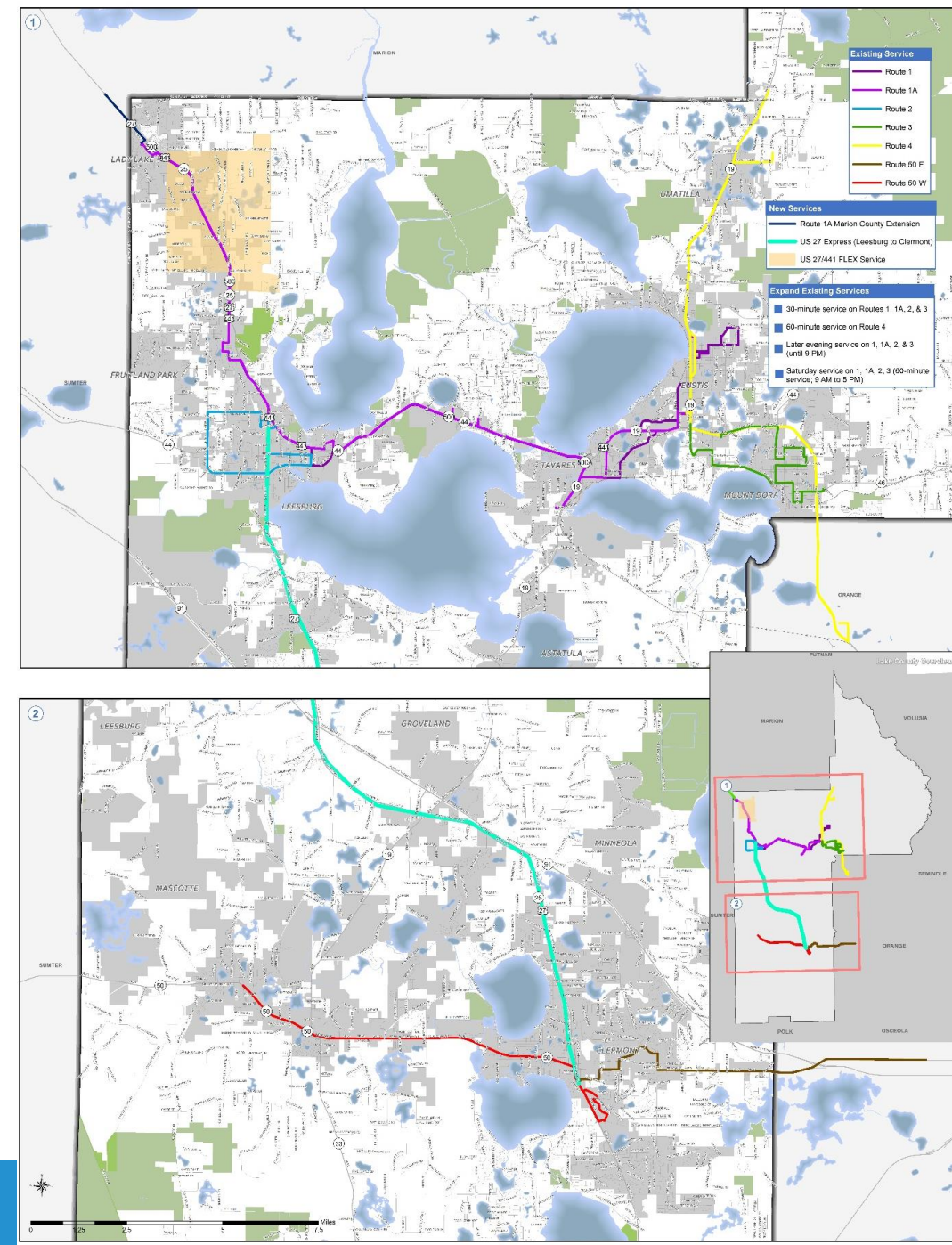
Complete Streets

- Designed to accommodate all users
- Complete Streets studies recently completed or underway include:
 - US 27 Complete Streets Study (Leesburg)
 - US 301 Complete Streets Study (Wildwood)
 - Central Avenue (SR 19) Corridor Planning Study
 - East Avenue Complete Streets Study (Clermont)
 - SR 50 Corridor Planning Study (Clermont)



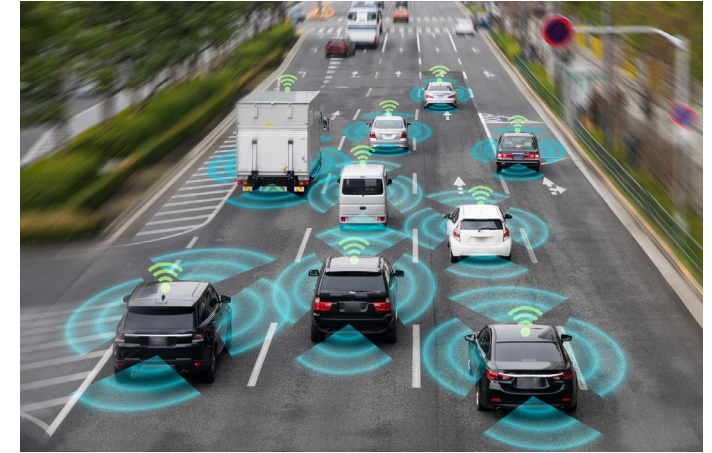
Transit Improvements

- LakeXpress 2019-2028 TDP 10-year Needs Plan (Unfunded beyond Baseline)
 - Expansion of Existing Services
 - 30-minute service on Routes 1, 1A, 2, & 3
 - 60-minute service on Route 4
 - Late evening service on 1, 1A, 2, & 3
 - Saturday service on 1, 1A, 2, 3 (60-minute service; 9 AM to 5 PM)
 - Potential New Services
 - Route 1A Marion County Extension
 - US 27 Express (Leesburg to Clermont)
 - US 27/441 FLEX Service



ACES / Technology

- ACES stands for Automated, Connected, Electric and Shared Mobility:
 - **Automated** – vehicles that drive without direct driver input
 - **Connected** – vehicles that communicate data to other vehicles and infrastructure
 - **Electric** – vehicles that use electric motor(s) instead of a gas-powered engine
 - **Shared Mobility** – shared use of a vehicle or other transportation mode, often in lieu of owning or using a personal vehicle



Next Steps

- **October 28th**
Plan Approval by MPO Board
- **October to December**
Public Comment Period
- **December 9th**
Plan Adoption

