CENTRAL FLORIDA EXPRESSWAY AUTHORITY



2045 Master Plan Update

Glenn Pressimone, P.E. | Chief of Infrastructure

December 8, 2022



Vision

Our vision is to provide the region with a world-class, integrated mobility network that drives economic prosperity and quality of life.

Mission

To build, operate and maintain a mobility network through accountability, fiscally sound practices and a community focus.

Focus

Customer-First

Sets the Course for the Future

2045 Master Plan reaffirms the policy for future operations and capital investment decisions.



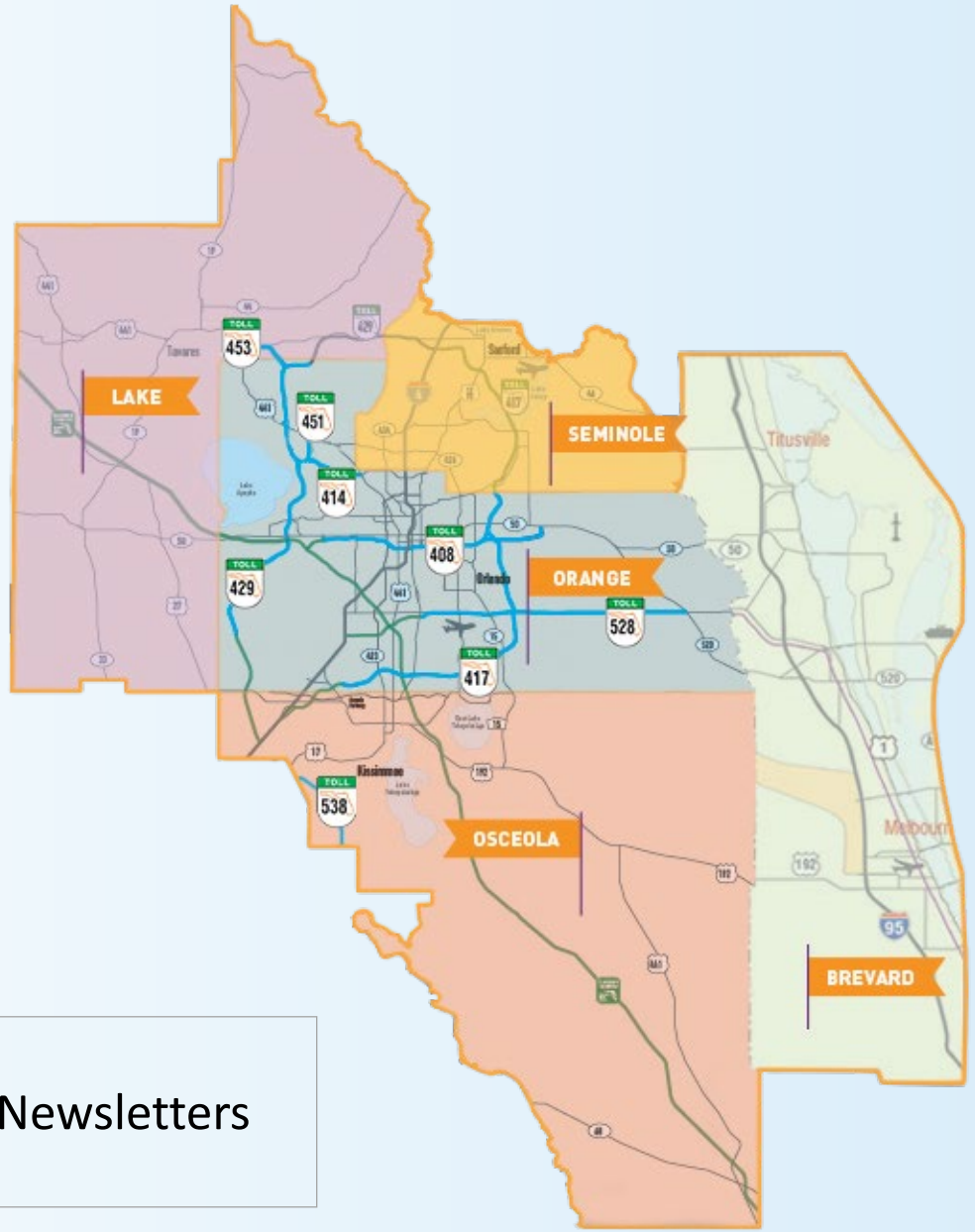
Funded Five-Year Work Plan

15-Year Capital Improvement Program

Five-county listening tour

Leading to the 2045 Master Plan

- Small Group Meetings
- Technical Meetings
- Presentations Cities, Counties & Organizations
- Online Survey
- Website Newsletters



Organizations and stakeholders CFX met with

African American Chamber of Commerce of Central Florida • Apopka Area Chamber of Commerce • Association of Poinciana Villages • Astor Chamber of Commerce • Brevard County • Brevard County Board of County Commissioners • Casselberry Chamber of Commerce • Central Florida Disability Chamber • Central Florida Hotel and Lodging Association (CFHLA) • Central Florida MPO Alliance • City of Altamonte Springs • City of Apopka • City of Bay Lake • City of Belle Isle • City of Casselberry • City of Clermont • City of Edgewood • City of Eustis • City of Fruitland Park • City of Kissimmee • City of Lake Mary • City of Leesburg • City of Longwood • City of Maitland • City of Mascotte • City of Minneola • City of Mount Dora • City of Ocoee • City of Orlando • City of Oviedo • City of Sanford • City of St. Cloud • City of Tavares • City of Umatilla • City of Winter Garden • City of Winter Park • City of Winter Springs • Deseret Ranches of Florida • Downtown Orlando Partnership • Duke Energy • East Central Florida Regional Planning Council • East Lake Chamber of Commerce • East Orlando Chamber (Coffee Club East) • Elevate Lake • Embry-Riddle Aeronautical University • FDOT, Florida's Turnpike Enterprise • Florida Citrus Sports/Camping World Stadium • Florida Department of Transportation (FDOT), District 5 • Florida Polytechnic University • Florida's Space Coast Economic Development Commission • Full Sail University • Greater Orlando Aviation Authority (GOAA) • Greater Orlando Builders Association • Hispanic Chamber of Commerce of Metro Orlando • I-Drive Chamber of Commerce • Indian River County Chamber of Commerce • Kissimmee/Osceola County Chamber of Commerce • Lady Lake Chamber of Commerce • Lake County • Lake County Board of County Commissioners • Lake Eustis Area Chamber of Commerce • Lake Nona Reg.Chamber of Comm • Lake-Sumter MPO • Leesburg Area Chamber of Commerce • LYNX • Maitland Area Chamber of Commerce • MetroPlan Orlando • Mount Dora Area Chamber of Commerce • NASA/Kennedy Space Center • OEP Alliance for Regional Transportation • Orange County Board of County Commissioners • Orange County Public Schools (OCPS) • Orlando Health • Orlando Melbourne International Airport • Orlando Regional Chamber/Orlando Economic Partnership • Orlando Sanford International Airport • Osceola County • Osceola County Board of County Commissioners • Oviedo-Winter Springs Regional Chamber of Commerce • Polk County TPO • Port Canaveral • Sanford Chamber of Commerce • Seminole County • Seminole County Public Schools • Seminole County Regional Chamber of Commerce • Seminole State College • Space Coast TPO • Space Florida • St. Cloud Chamber of Commerce • Stetson University • Tavares Chamber of Commerce • The Viera Company • Titusville Area Chamber of Commerce • Town of Astatula • Town of Eatonville • Town of Lady Lake • Town of Oakland • Town of Windermere • Tri-County League of Cities (Orange, Seminole & Osceola) • West Orange Chamber of Commerce • Winter Park Chamber of Commerce

What We Heard

36 presentations

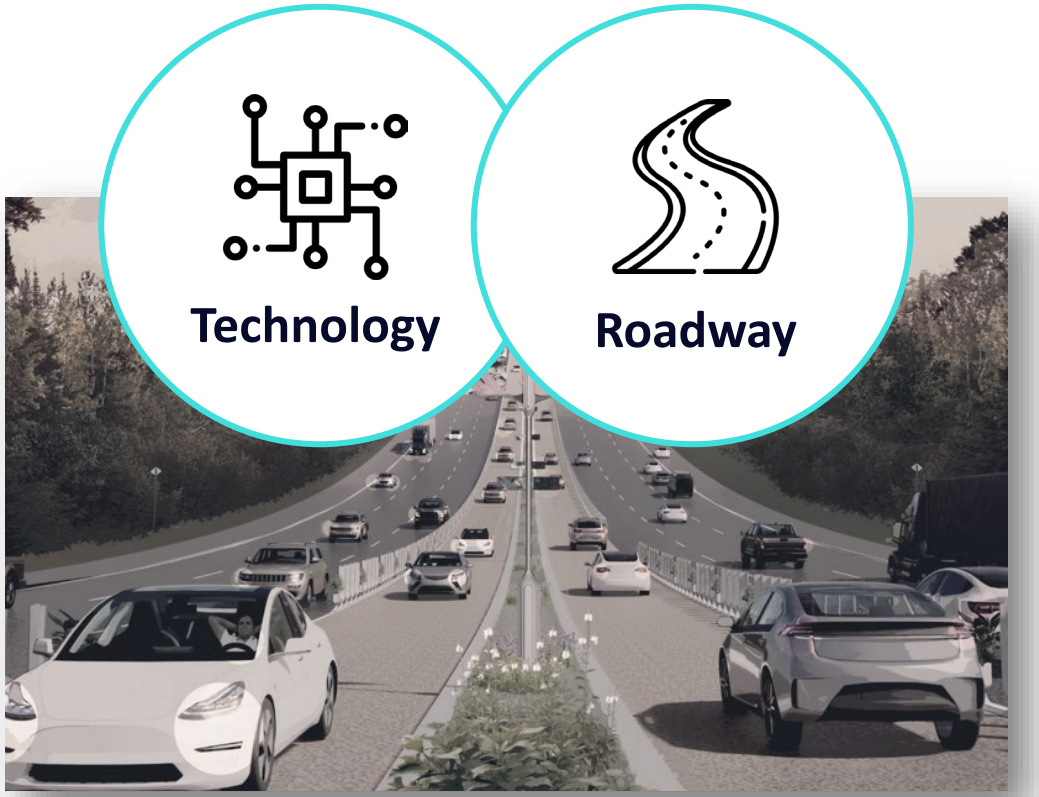
66 meetings

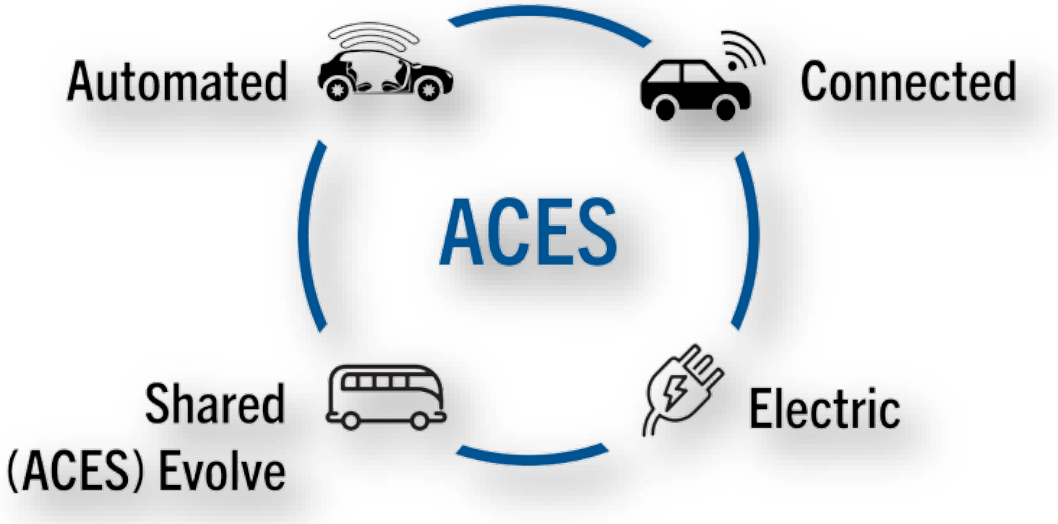
1,105 people reached in Master Plan survey

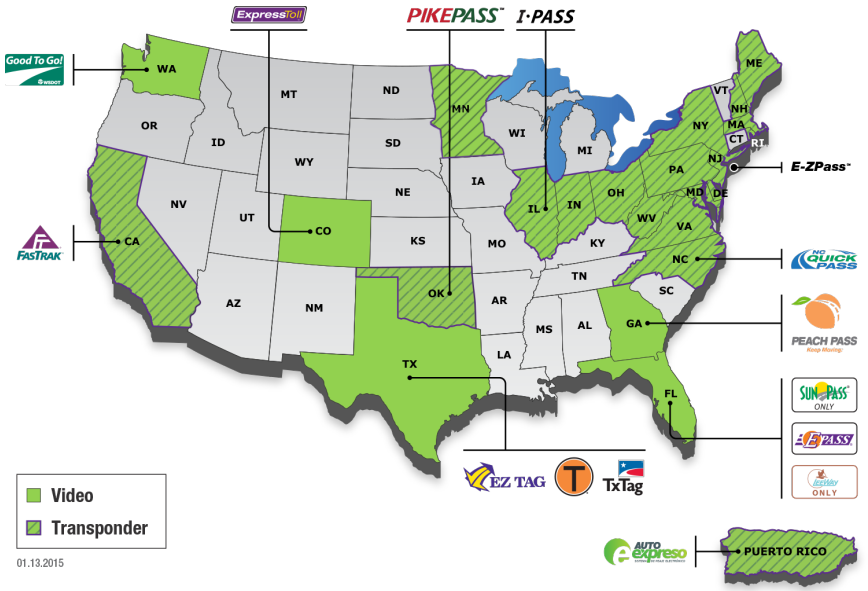


Three Board Workshops

The Future of Roads







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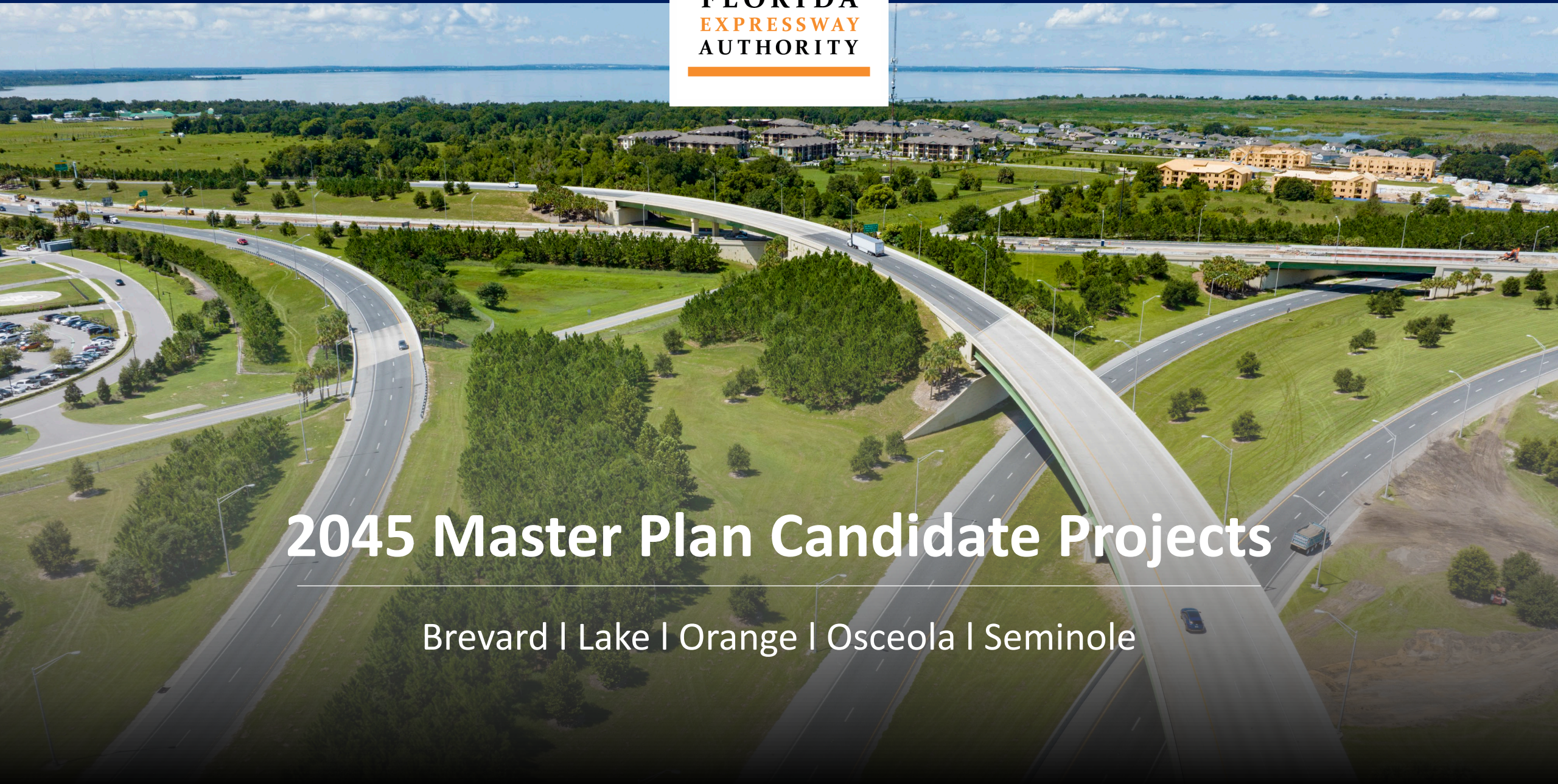
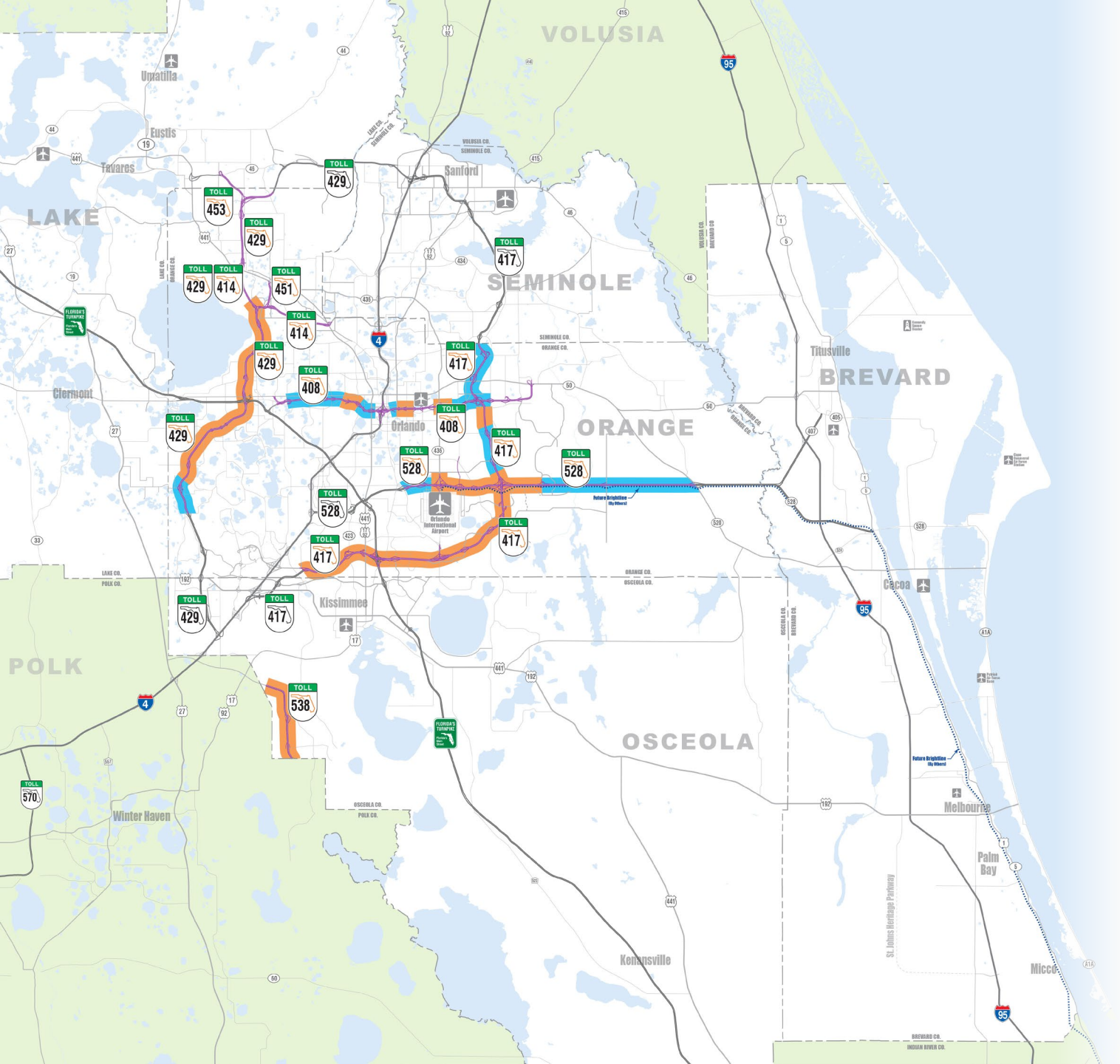


2045 Master Plan Candidate Projects

Brevard l Lake l Orange l Osceola l Seminole



2045 MASTER PLAN

Widenings

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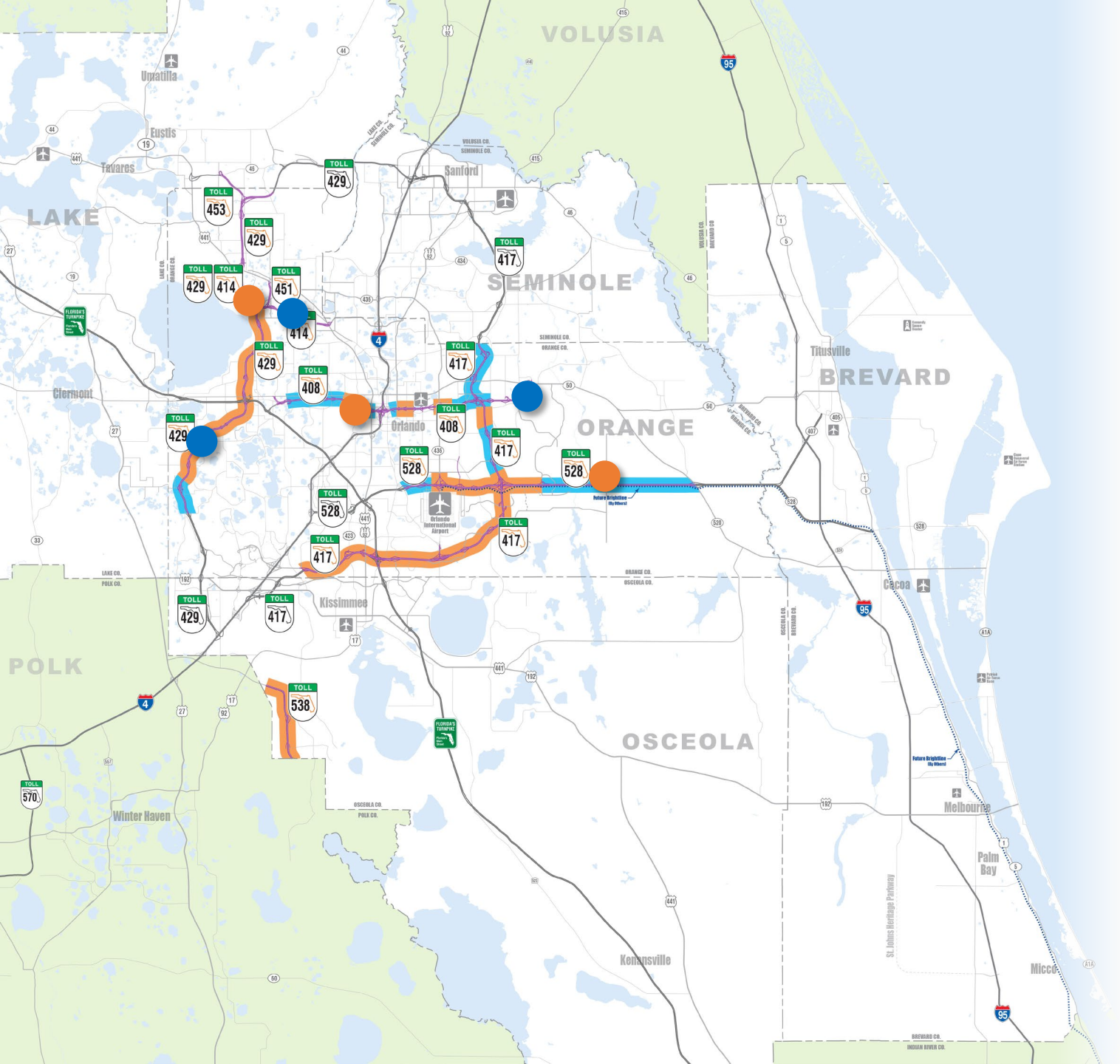

2045 MASTER PLAN

Widenings

Interchanges

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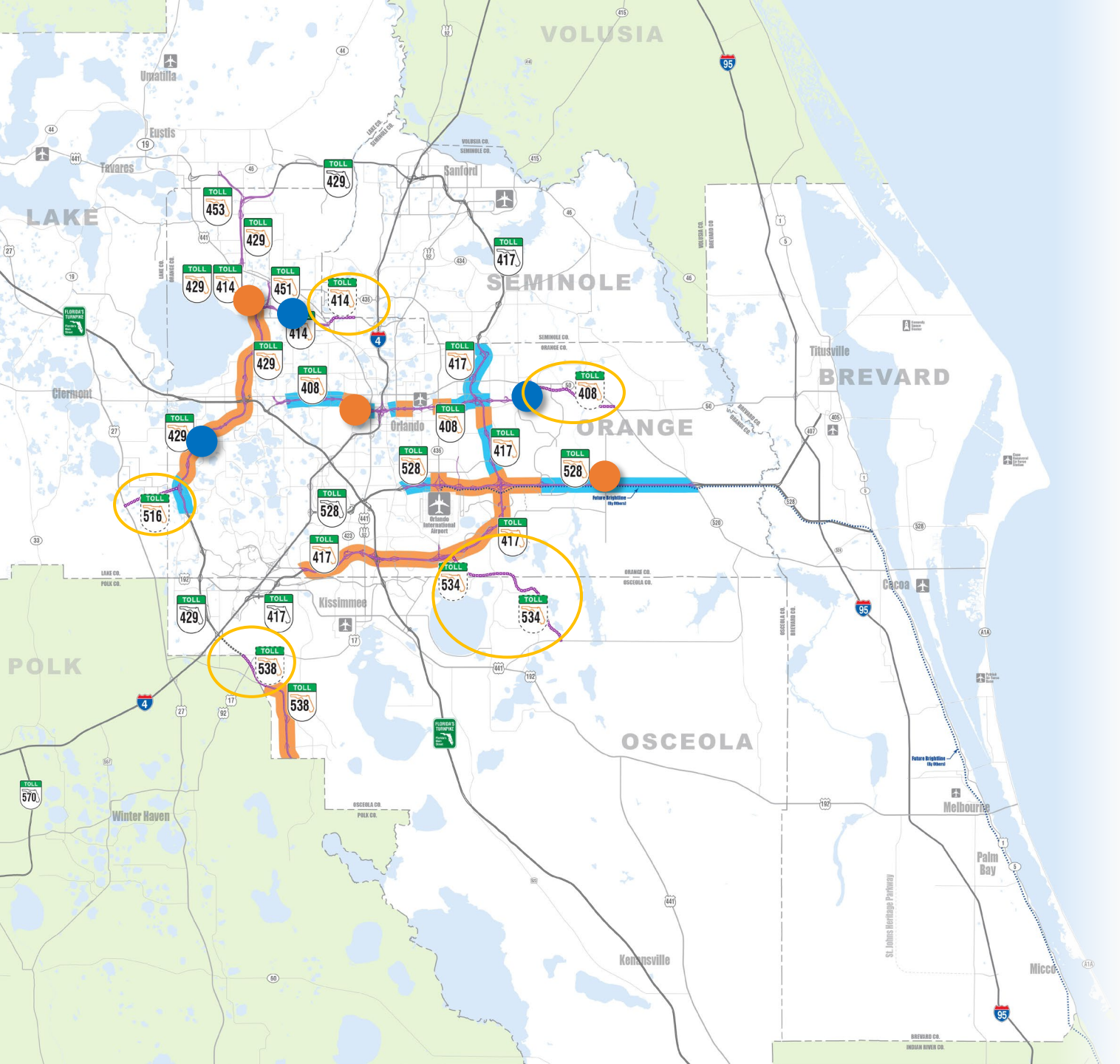

2045 MASTER PLAN

Widenings

Interchanges

Expansion Projects

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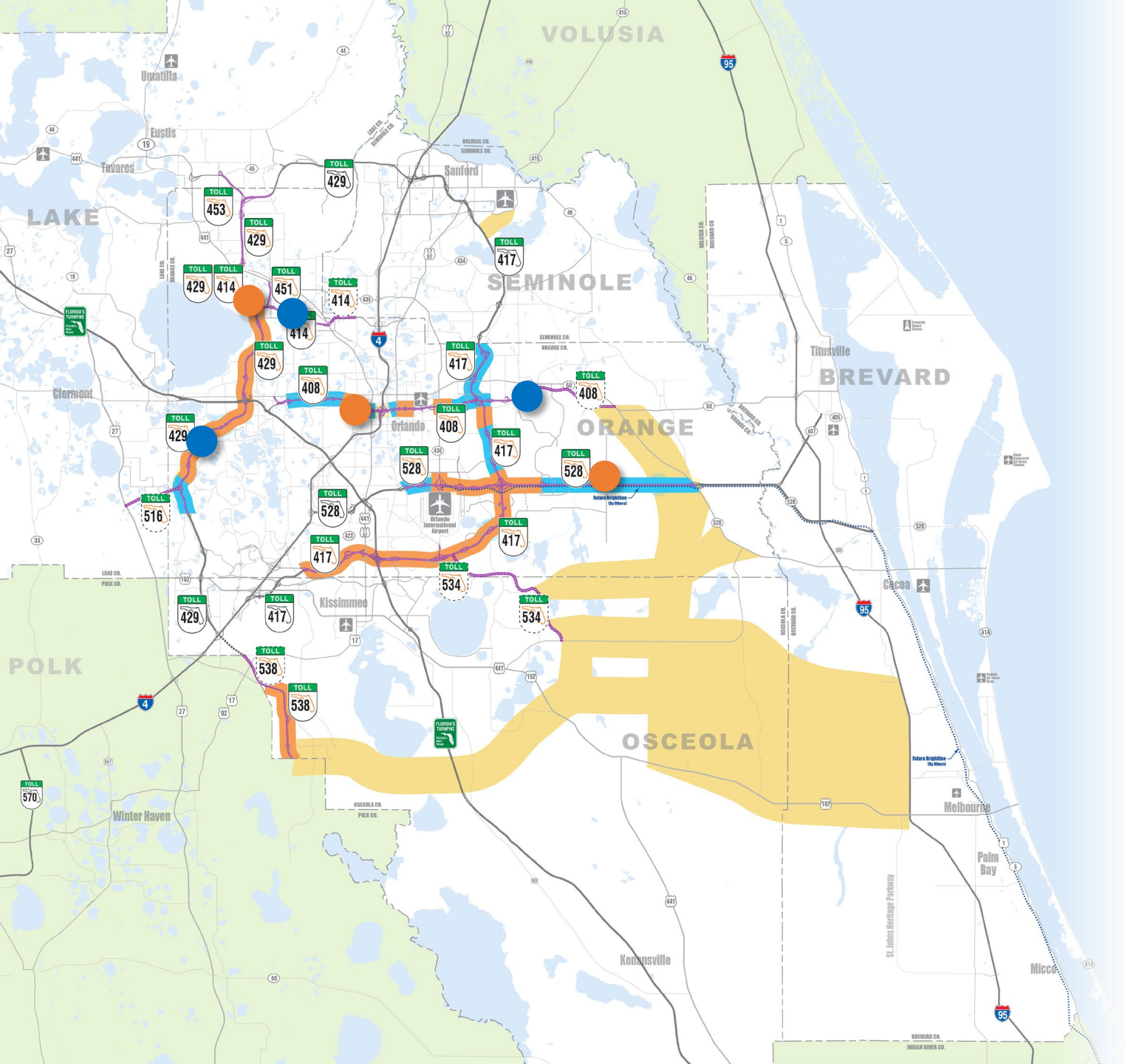

2045 MASTER PLAN

Widenings

Interchanges

Expansion Projects

Planning Studies

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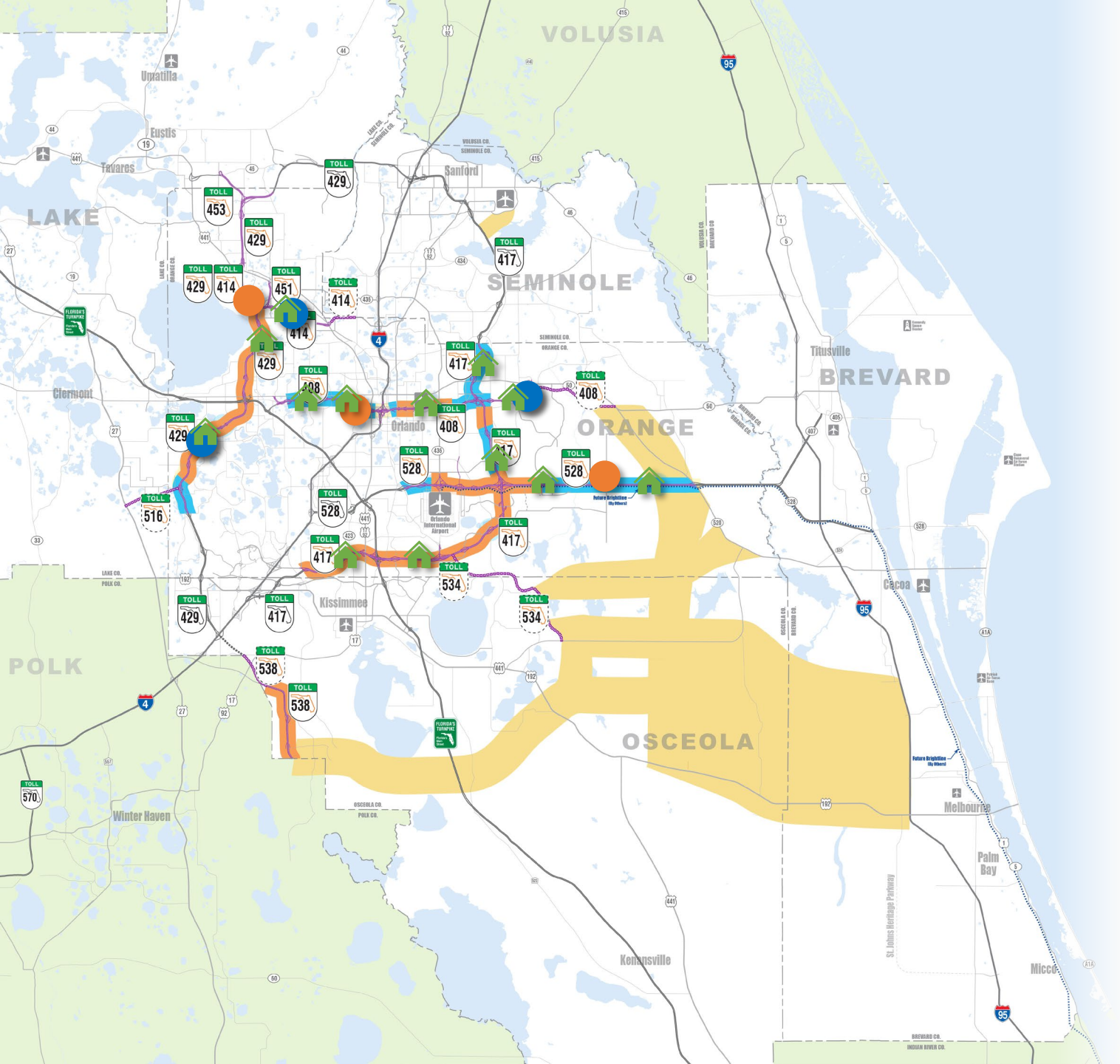

2045 MASTER PLAN

Widenings

Interchanges

Expansion Projects

Planning Studies

Toll Plazas to AET

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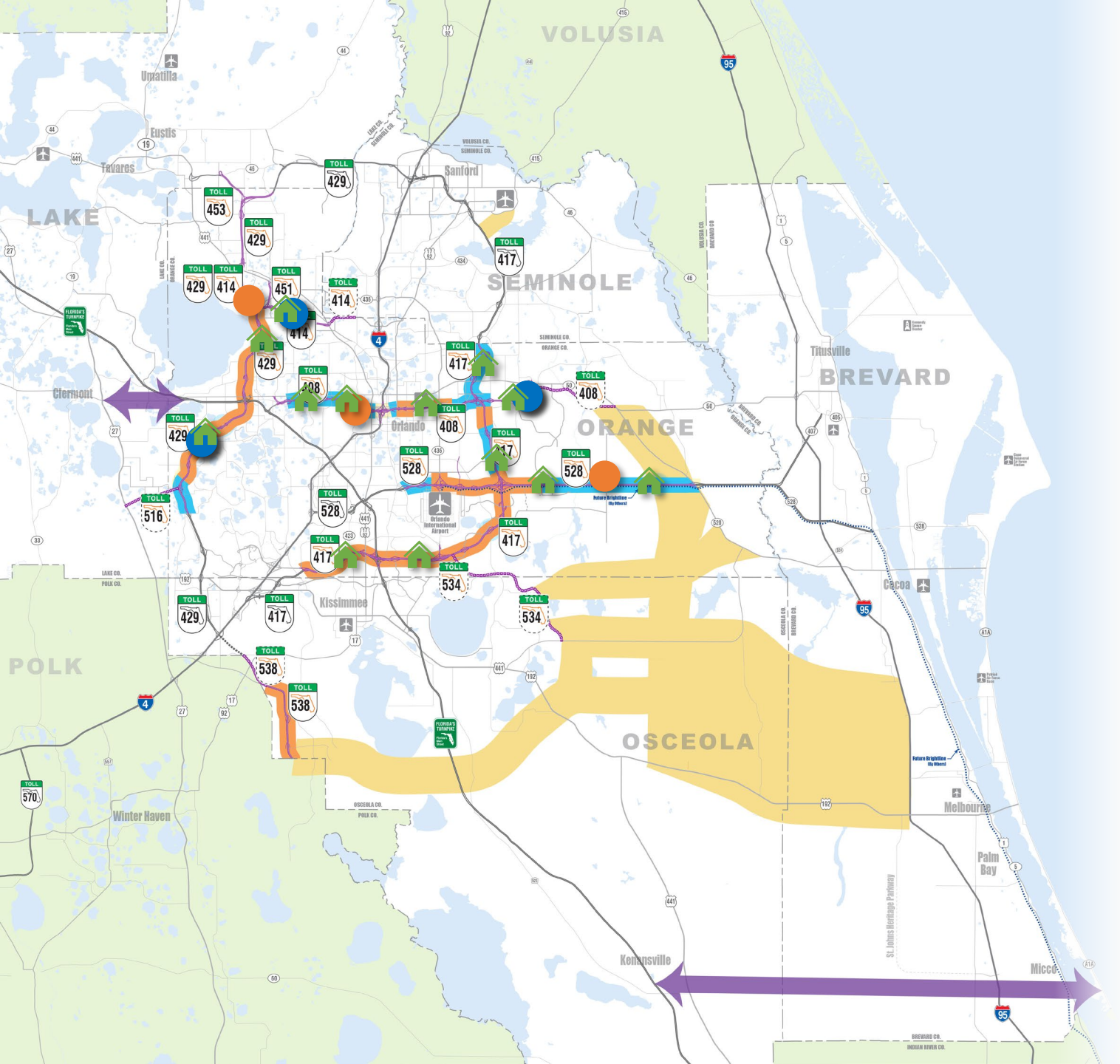

2045 MASTER PLAN

Widenings

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Toll Plazas to AET

Long Range Expansion Projects

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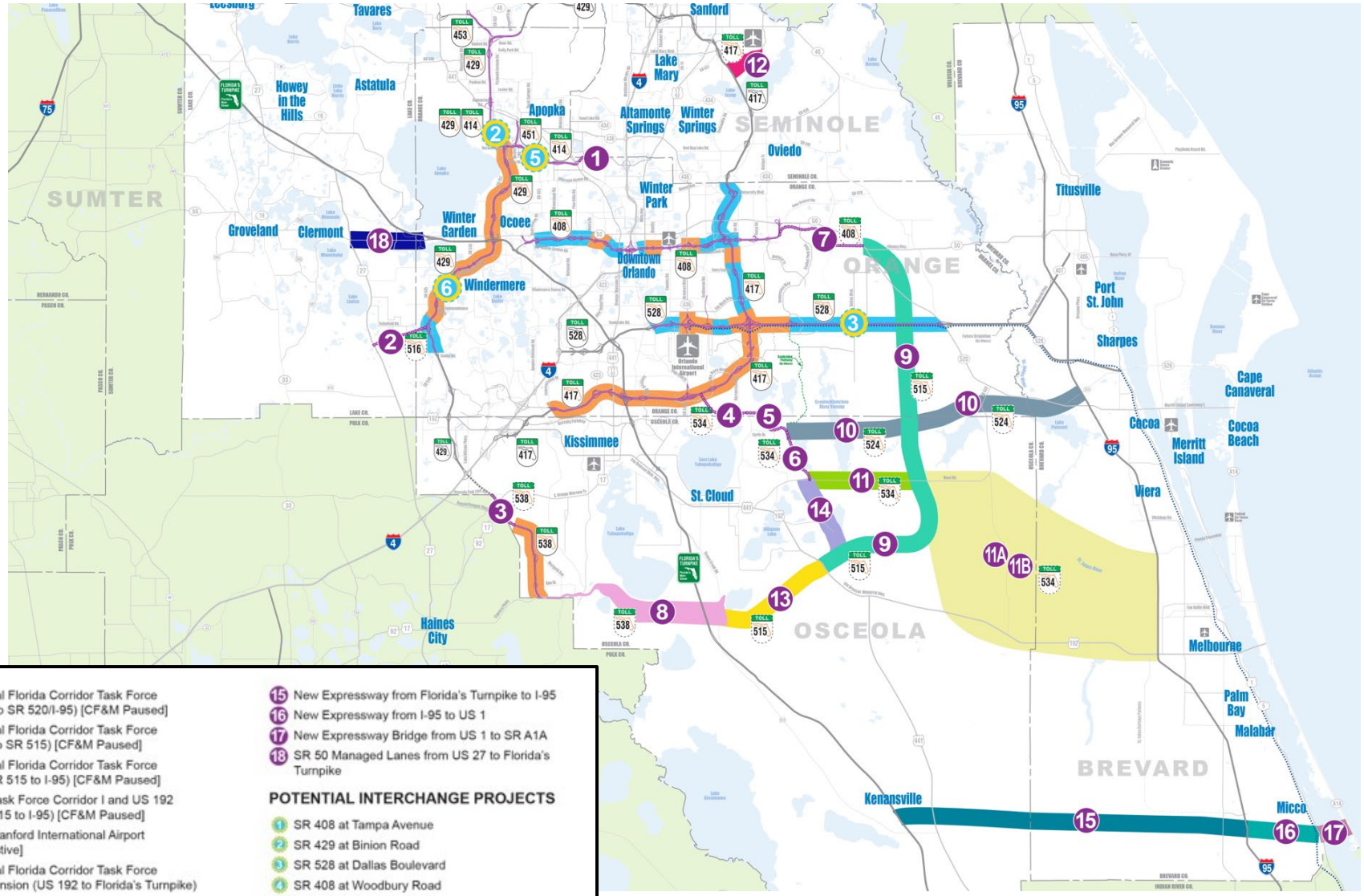
Proposed 2045 Master Plan Projects



LEGEND

N.T.S.

- Existing CFX System
- Future CFX System
- CFX Widening Projects (FY 2023 - 2027 Five Year Workplan)
- CFX Anticipated Widening Projects by 2045
- Future Poinciana Parkway/I-4 Connector (By Others)
- Future Brightline

Map Date: November 2022

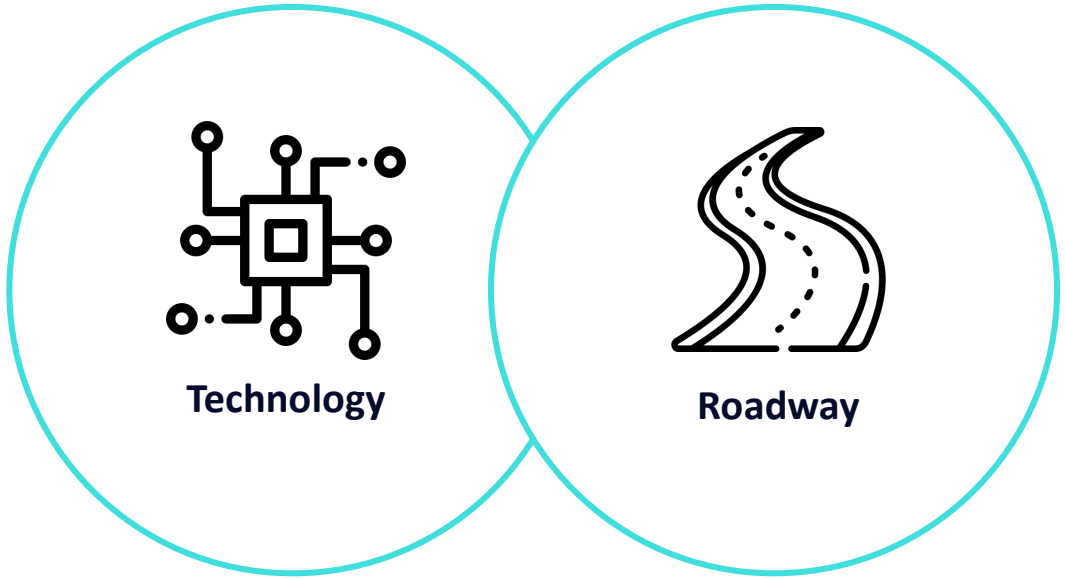
POTENTIAL EXPANSION PROJECTS [CURRENT PROJECT PHASE]

1. SR 414 Expressway Extension [Design Underway]
2. SR 516 From US 27 to SR 429 [Design Underway]
3. SR 538 Extension to CR 532 [Design Underway]
4. SR 534 Phase 1 - SR 417 to Narcoossee Road [Design Underway]
5. SR 534 Phase 2 - Narcoossee Road to Cyrils Drive [PD&E Completed]
6. SR 534 Phase 3 - Cyrils Drive to Nova Road [PD&E Completed]
7. SR 408 Eastern Extension [PD&E Completed]
8. SR 538 Southport Connector Expressway - Poinciana Parkway to Florida's Turnpike and Canoe Creek Road [PD&E Active]
9. SR 515 - East Central Florida Corridor Task Force Corridor I (US 192 to SR 408 Eastern Extension) [CF&M Completed]
10. SR 524 - East Central Florida Corridor Task Force Corridor D (SR 534 to SR 520/I-95) [CF&M Paused]
11. SR 534 - East Central Florida Corridor Task Force Corridor F (SR 534 to SR 515) [CF&M Paused]
11A. SR 534 - East Central Florida Corridor Task Force Corridor F to I-95 (SR 515 to I-95) [CF&M Paused]
11B. SR 534 - Hybrid of Task Force Corridor I and US 192 Improvements (SR 515 to I-95) [CF&M Paused]
12. SR 417 to Orlando-Sanford International Airport Connector [CF&M Active]
13. SR 515 - East Central Florida Corridor Task Force Corridor I South Extension (US 192 to Florida's Turnpike) [CF&M Completed]
14. Northeast Connector Expressway - Nova Road to US 192 [CF&M Completed]
15. New Expressway from Florida's Turnpike to I-95
16. New Expressway from I-95 to US 1
17. New Expressway Bridge from US 1 to SR A1A
18. SR 50 Managed Lanes from US 27 to Florida's Turnpike

POTENTIAL INTERCHANGE PROJECTS

1. SR 408 at Tampa Avenue
2. SR 429 at Binion Road
3. SR 528 at Dallas Boulevard
4. SR 408 at Woodbury Road
5. SR 414 at Clarcona Road
6. SR 429 in the Vicinity of the Independence Mainline Toll Plaza

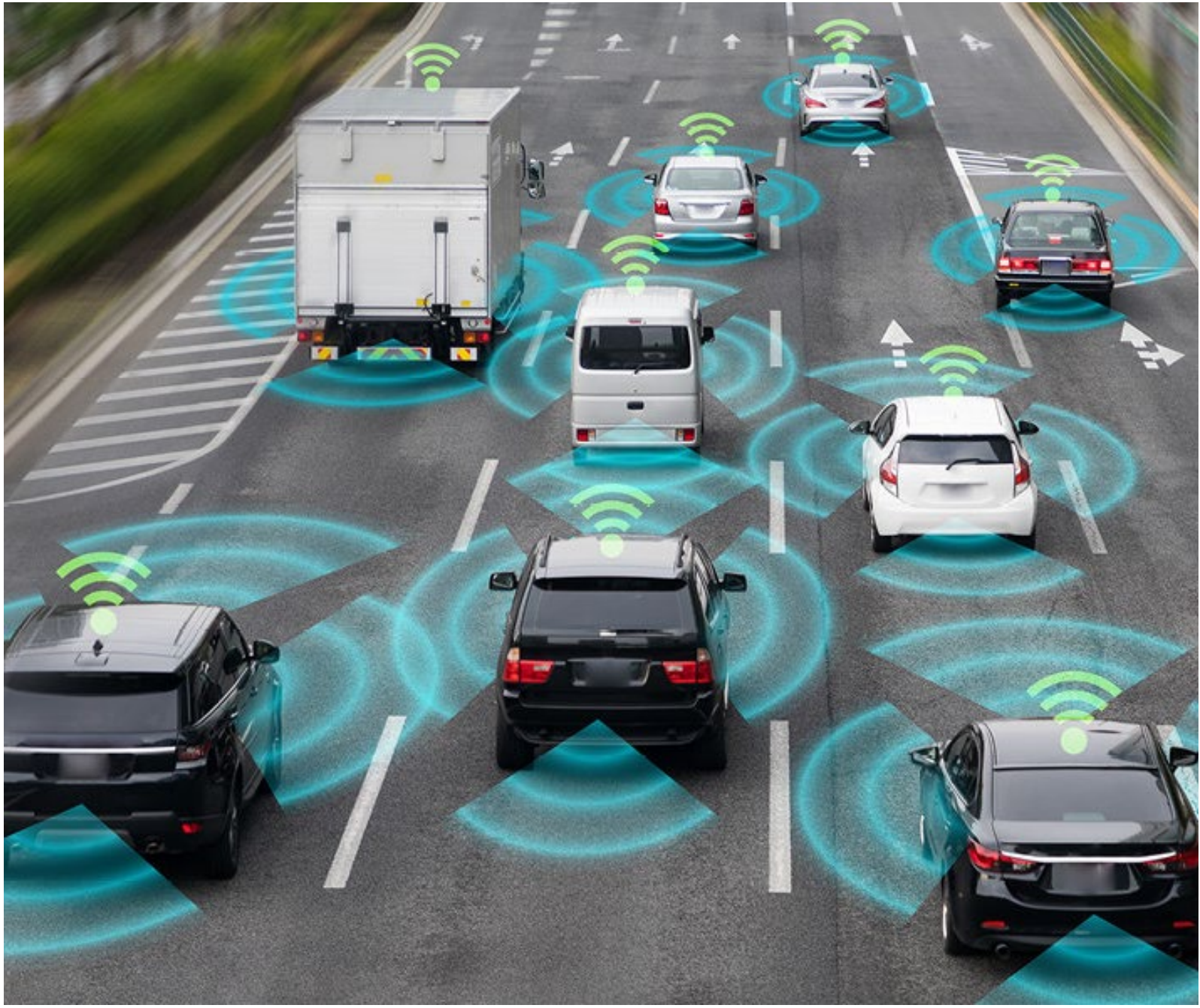
Merging of Technology + Roadway Infrastructure





Game Changers in Roadway Design

- Interoperability
- Connected Vehicles
- Repurposing Assets
- Reserve space for special lane(s)



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Master Plan Financial Summary

Estimated Costs *(2022 dollars)*

Total Cost Range	$22.3B - $27.7B
• FY 2023 – 2027 Work Plan	$4.0B
• Existing System	$2.8B
• Expansion Projects	$15.5B - $20.9B

CFX Project Capacity $12.2B

Recommended Motion

Board adoption of the 2045 Master Plan as presented

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