

Municipal Advisory Committee

Virtual Workshop: June 3, 2021



- I. Call to Order and Pledge of Allegiance
- II. Chairman's Comments
- III. Agenda Review
- IV. Roll Call
- V. Public Comments on Items for Review/Discussion
- VI. Agency Reports
- VII. Items for Review/Discussion**
- VIII. Presentations and Status Reports
- IX. General Information
- X. Upcoming Meetings
- XI. Member Comments
- XII. Public Comments
- XIII. Adjournment



AGENDA

C. Plan Revisions to the 2045 Metropolitan Transportation Plan

(Tab 3)



Proposed Plan Revisions: 2045 Metropolitan Transportation Plan

May / June 2021



Background



- **December 2020**
2045 MTP unanimously approved / adopted by MPO Board
- **January 2021**
MPO received feedback from planning partners relating to Local Agency Program (LAP) projects and funding eligibility
- **February 2021**
FHWA provided clarity to MPOs and FDOT pertaining to “*consistency between planning documents*” at the annual Florida Metropolitan Planning Partnership Meeting

Plan Revision

Terminology



Modification -

A revision to the MTP/LRTP that includes minor changes to project / project phase costs, minor changes to funding sources of previously included projects, and minor changes to project / project phase initiation dates.

Amendment -

A revision to a MTP/LRTP that involves a major change to a project included in a Cost Feasible Plan, including the addition or deletion of a project or a major change in project cost, project / project phase initiation dates, or a major change in design concept or design.

Reference: FDOT's MPO Program Management Handbook, April 2021

Proposed Revisions

1. **Modification:** Federal and state funded projects within the Transportation Improvement Program (TIP) were added to the Cost Feasible Plan's budget allocation tables for the years 2020-2025. No impacts to existing cost feasibility.
2. **Amendment:** Off-System Construction Assistance Program was broadened to include other multimodal project types, in addition to capacity, for facilities located off the State Highway System.
3. **Amendment:** Projects to be funded using local or alternative funds were removed from federally-funded Complete Streets and Bicycle/Pedestrian Infrastructure project lists.
4. **Modification:** Congestion Management Process documentation was revised to include updated data from FDOT pertaining to Emergency Response and Roadway Clearance times.

See Agenda Tab 3 for Supporting Materials



Advisory Committee Feedback Requested

What do you think?

Proposed Plan Revisions
(amendments and
modifications) to the
2045 MTP, as presented.

See Agenda Tab 3 for Supporting Materials



Thank You

MetroPlanOrlando.org/2045



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AGENDA

FY 2021/22 - 2025/26 Transportation Improvement Program

Preview of Draft Document



Summary of TIP



- ❖ Identifies all federal and state funded transportation projects for the next five years
- ❖ Includes locally funded projects for information purposes
- ❖ Updated annually

Federal/State Funds Programmed in FY 2021/22 - 2025/26 TIP

Project Categories	Total 5-Year Funding
Highways	\$1,305,108,000
Turnpike	\$977,704,000
TSMO	\$69,615,000
Bicycle & Pedestrian	\$90,338,000
Transit	\$487,510,000
Commuter Rail	\$39,951,000
Aviation	\$363,515,000
Total	\$3,333,741,000

FY 2025/26 - 2039/40 Prioritized Project List



- ❖ Includes projects with unfunded phases in Five Year Work Program/TIP
 - Highway
 - Transportation System Management & Operations
 - Bicycle & Pedestrian
 - Transit

- ❖ Used in developing FY 2021/22 - 2025/26 Tentative Five Year Work Program & TIP



FY 2025/26 - 2039/40 Prioritized Project List



Highway Project Categories

- ❖ National Highway System Projects - I-4 major capacity (BTU) improvements
- ❖ State Roadway Projects - widening, context sensitive improvements, TSMO & bike & ped improvements on state roadways
- ❖ Multimodal System Roadway & Complete Streets Projects - widening, context sensitive improvements, TSMO & bike & ped improvements on off-state roadways

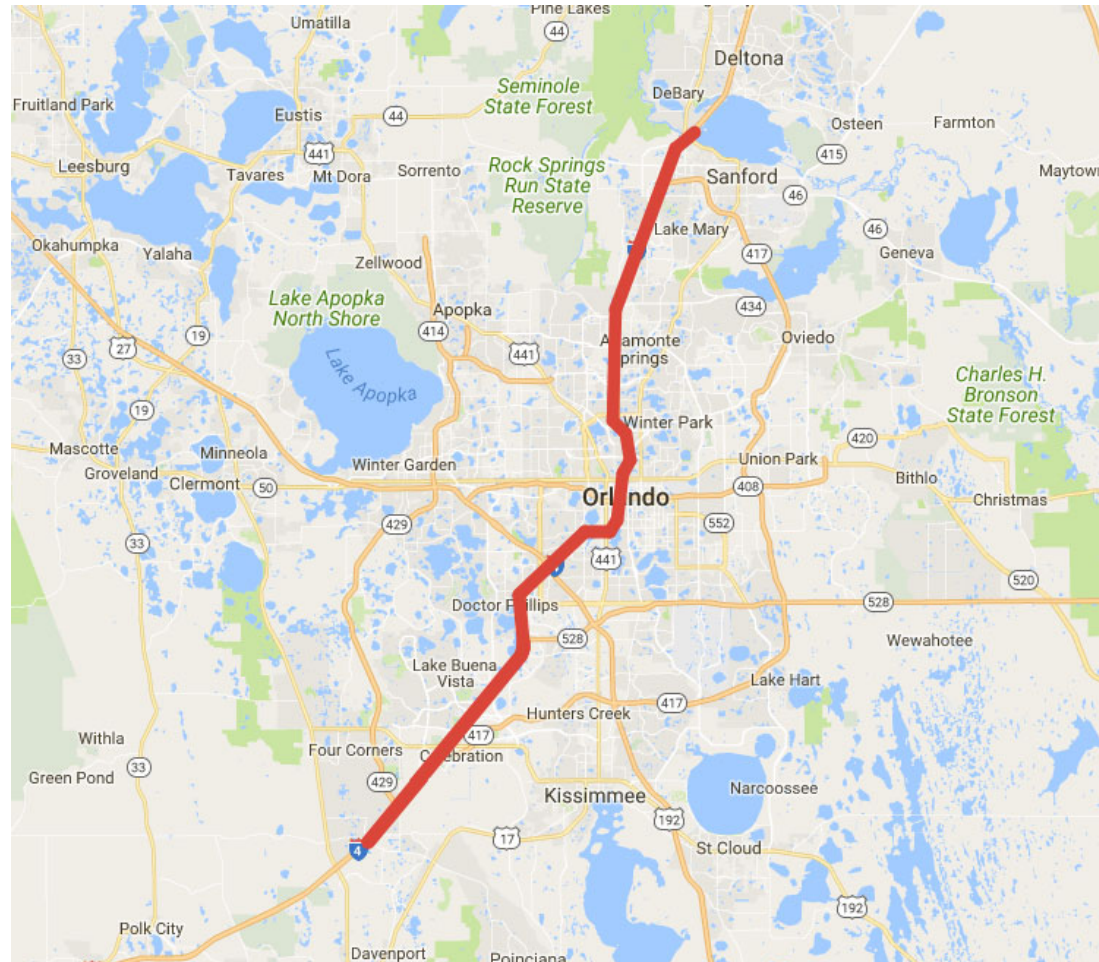
FY 2025/26 - 2039/40

PPL

***National Highway
System Projects***

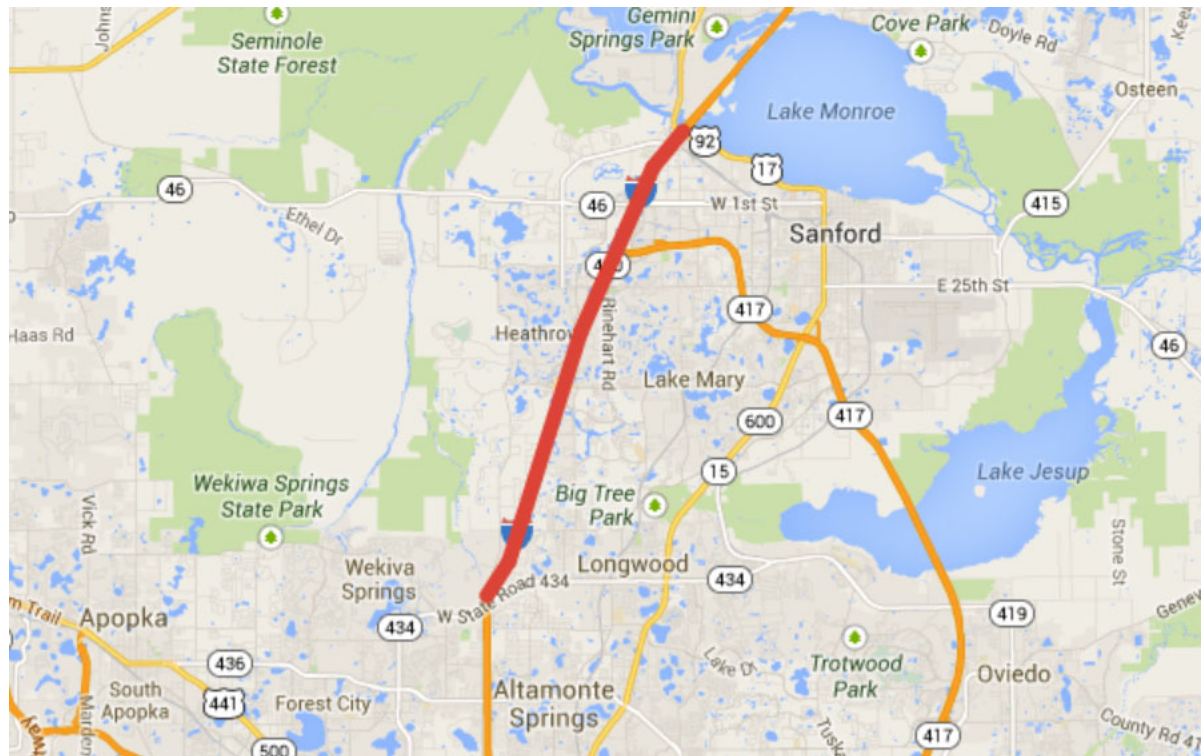


#1: *I-4* - W of Polk/Osceola Co. Line to Seminole/Volusia Co. Line - *Construct truck parking facilities*
Construction funded in 2025/26 (*new phase*)



#4: *I-4 Beyond the Ultimate* - E of SR 434 to Seminole/ Volusia Co. Line

ROW funded through 2025/26 (*ROW fully funded*)



FY 2025/26 - 2039/40

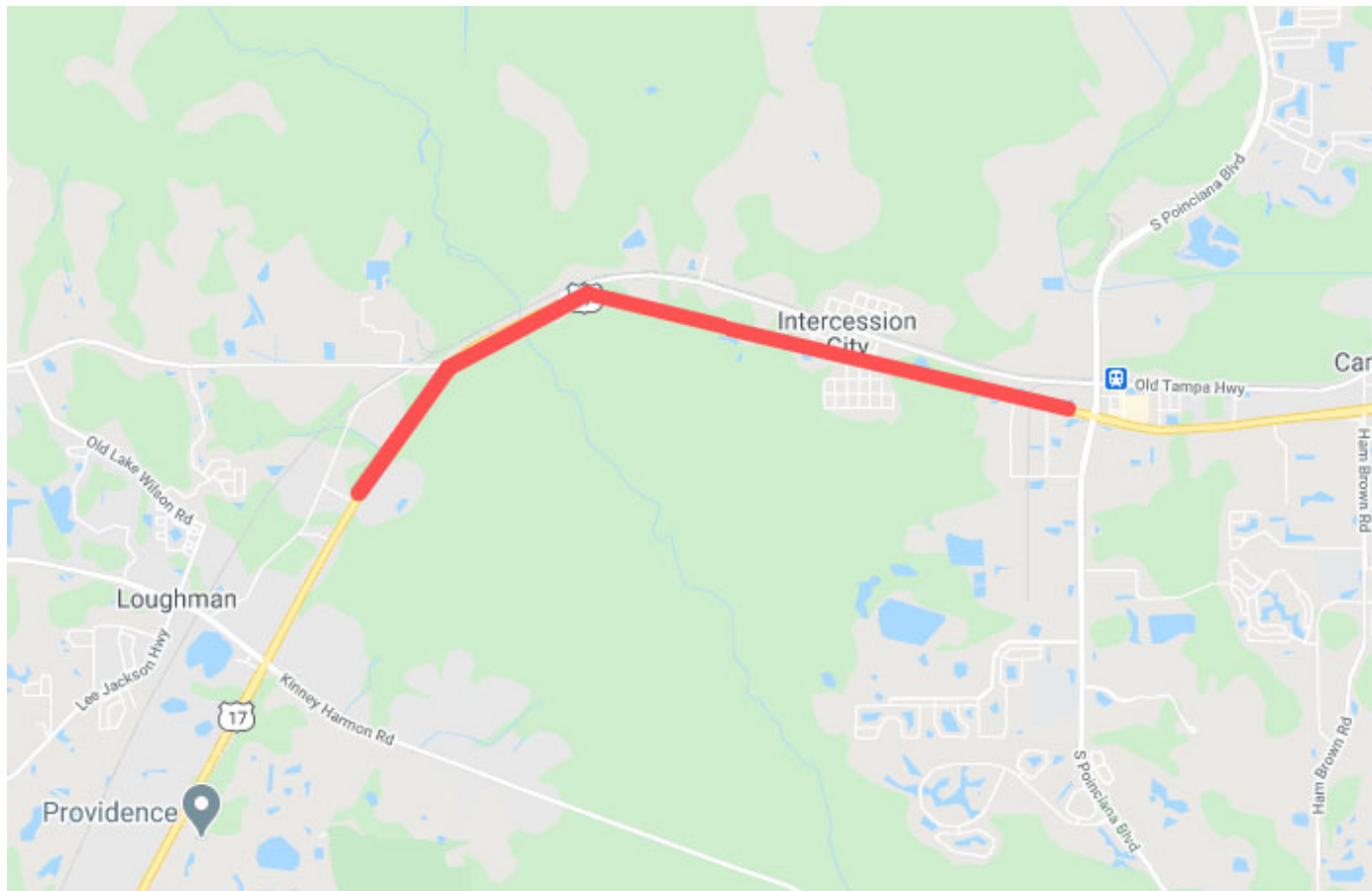
PPL

***State Road System
Projects***

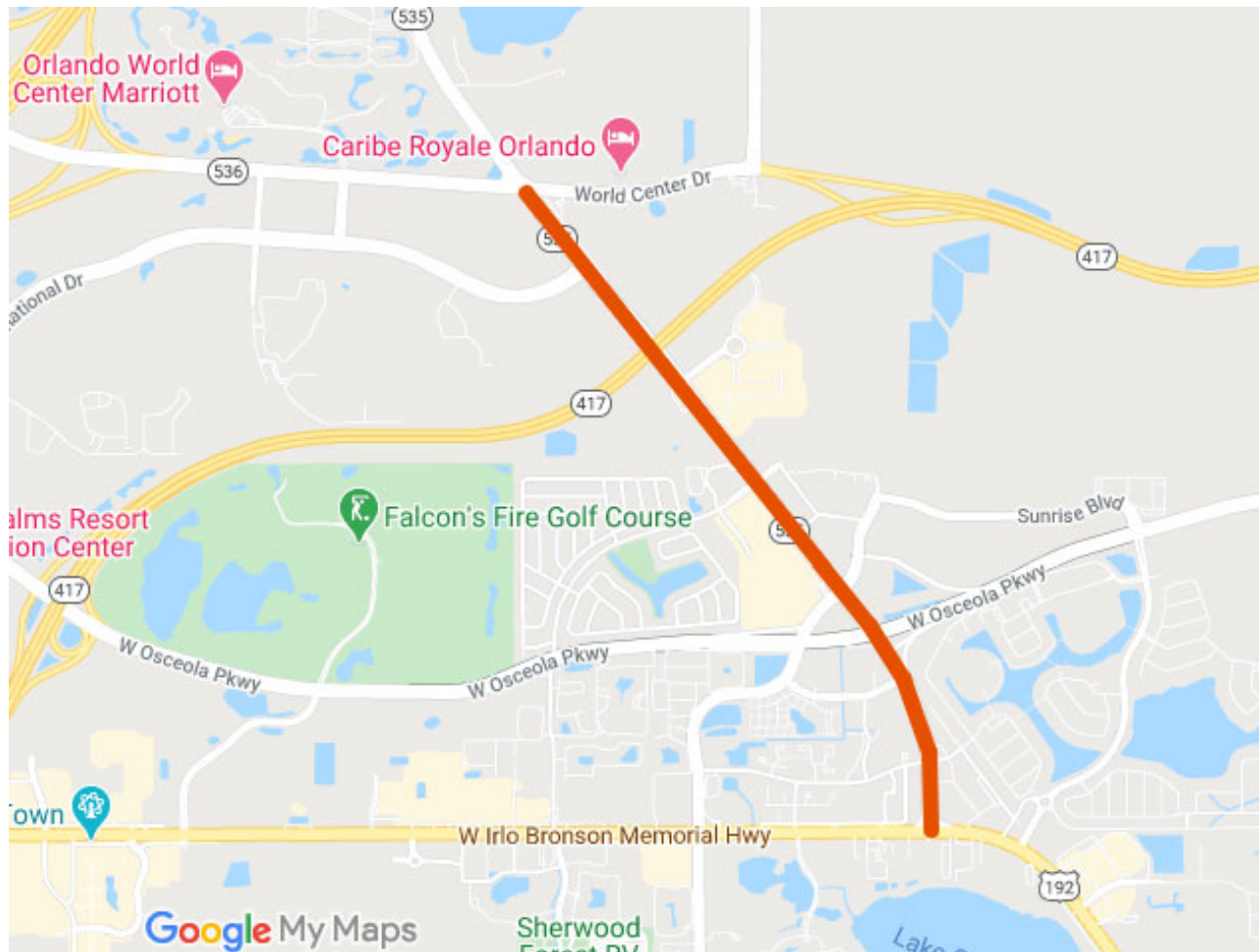
(Changes in New TIP)



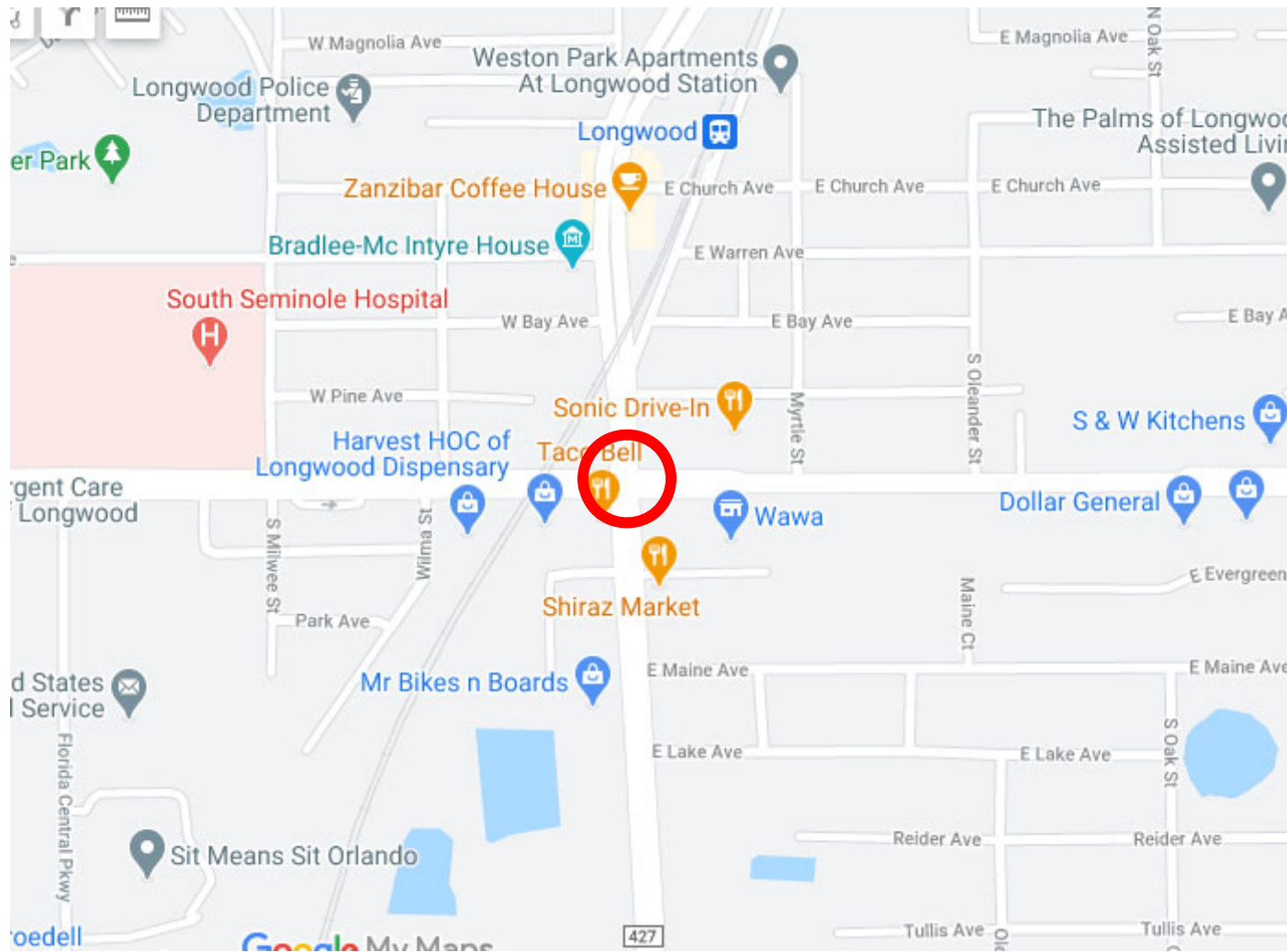
#3: **US 17/92** - Polk/Osceola Co. line to W of Poinciana Blvd. - 4 Lane
Design funded in 2025/26 (*new phase*)



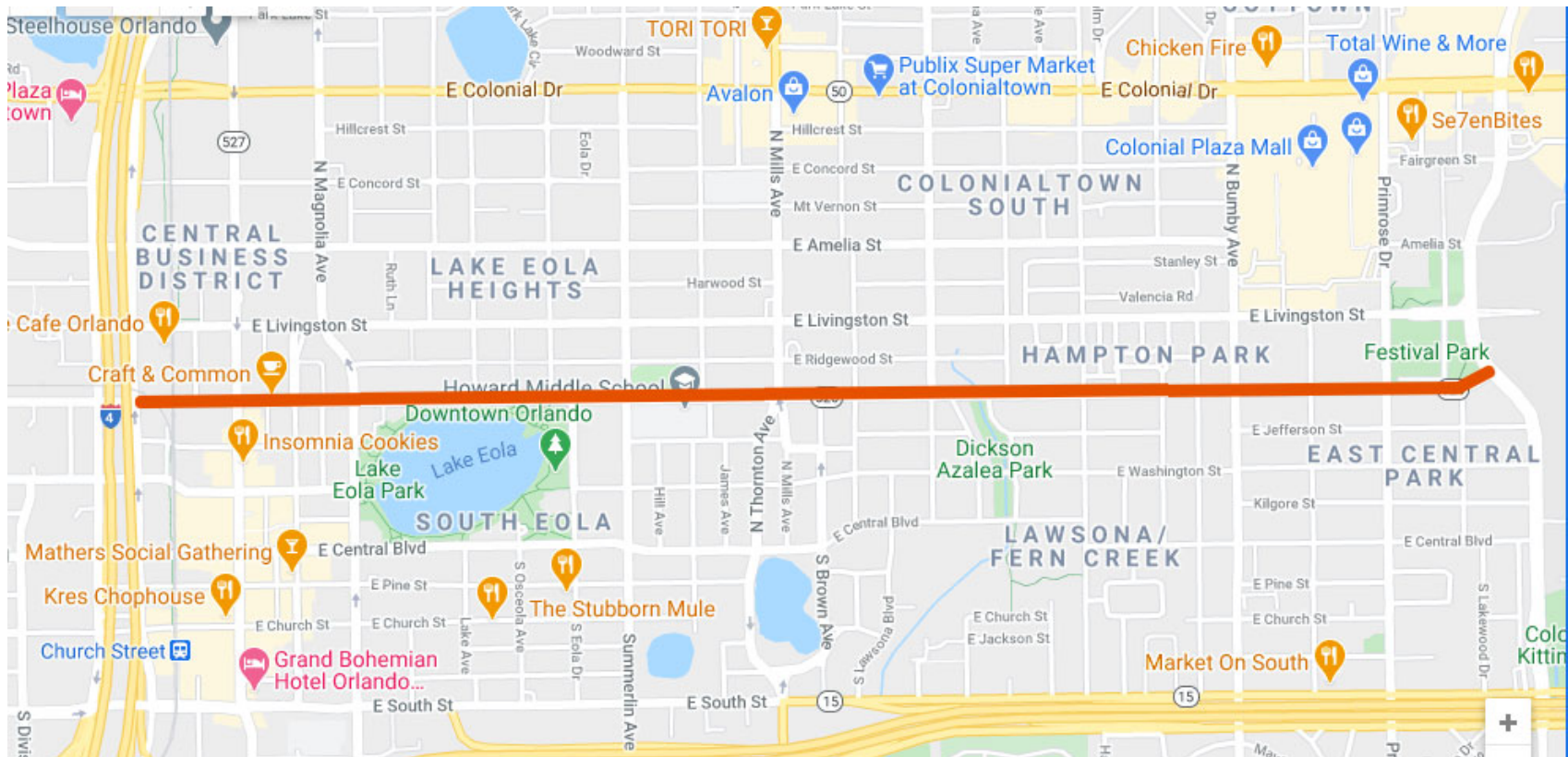
#5: **SR 535** - US 192 to World Dr. - 6 Lane
Design funded in 2025/26 (*new phase*)



#6: *SR 434 at CR 427/Ronald Reagan Blvd.* - Intersection Improvement - ROW funded in 2021/22 (*new phase*)



#16: *Robinson St.* - Garland Ave. to Crystal Lake Dr. -
Context Sensitive Improvements - Construction
funded in 2023/24 (*new phase*)



FY 2025/26 - 2039/40

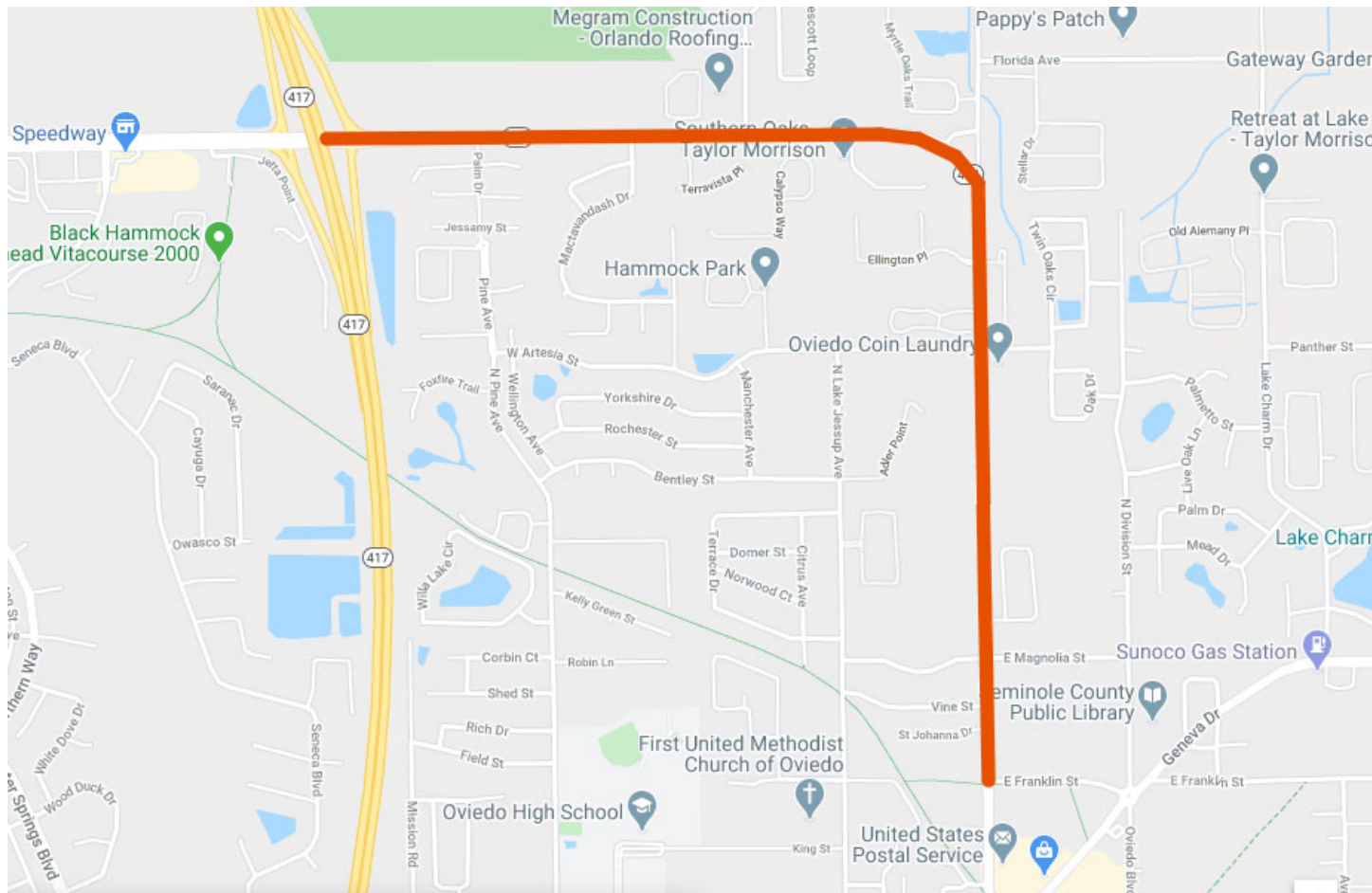
PPL

***Multimodal System
Roadway &
Complete Streets
Projects***

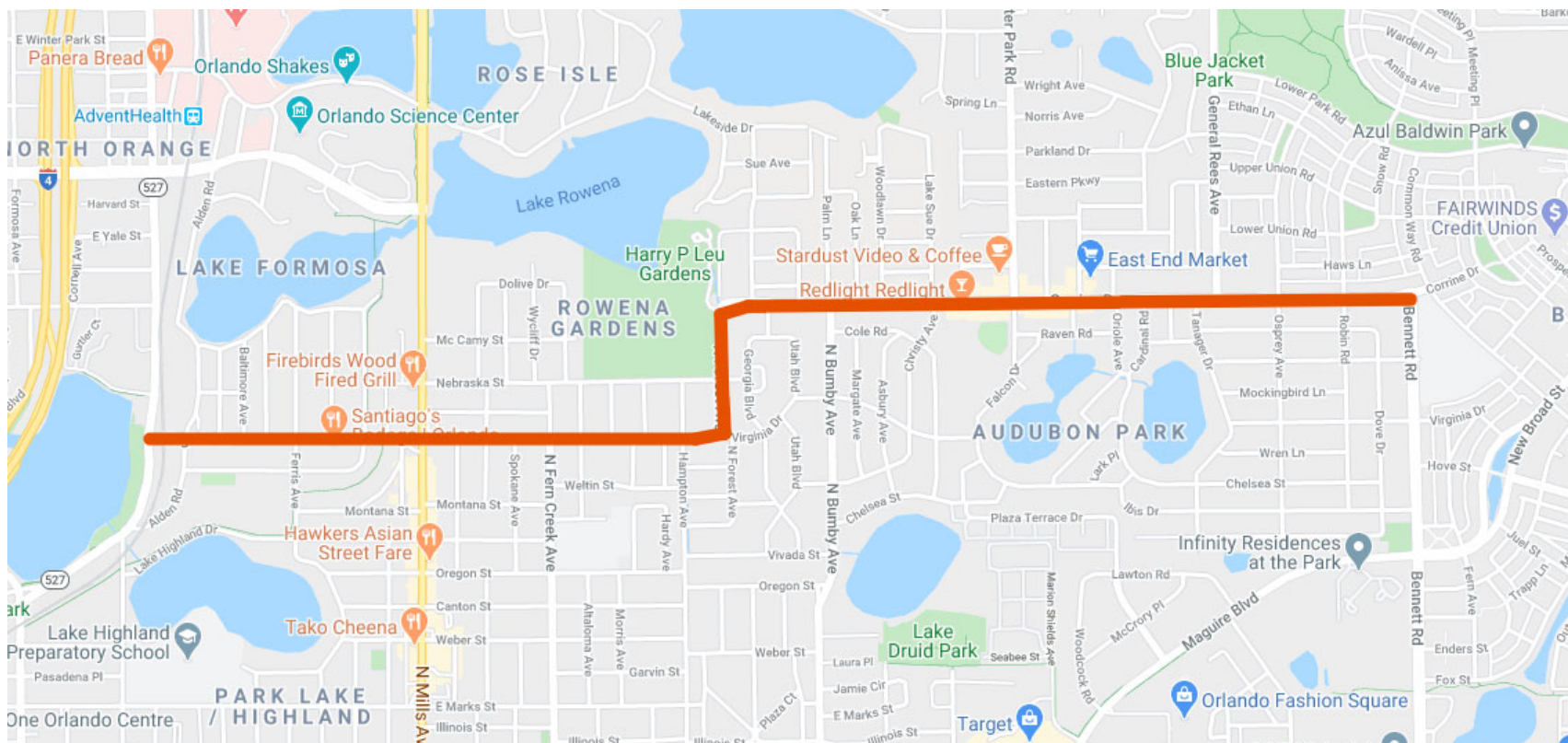
(Changes in New TIP)



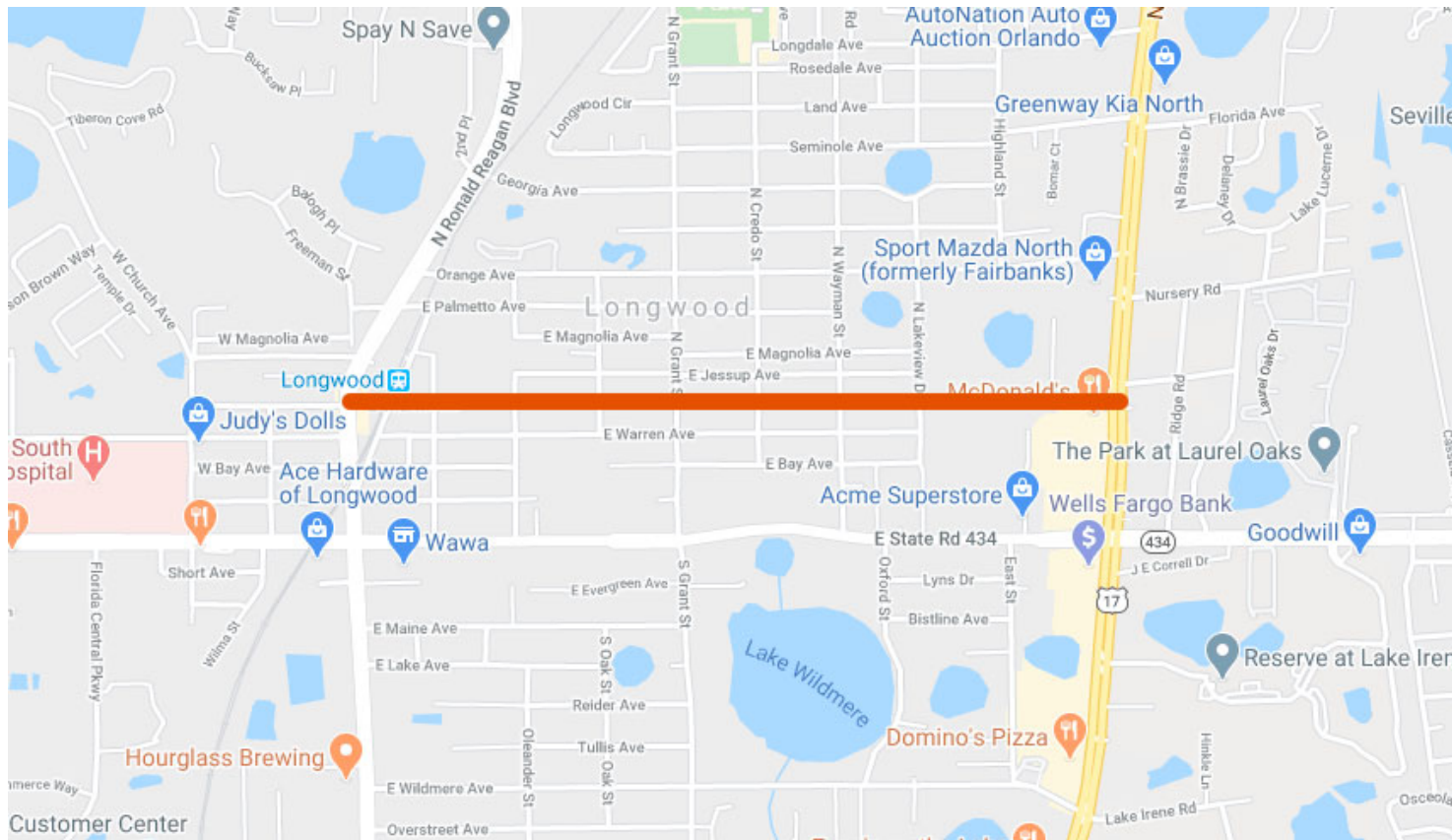
#2: SR 434 - SR 417 to Franklin St. - Context Sensitive Improvements - ROW funded in 2024/25 (new phase)



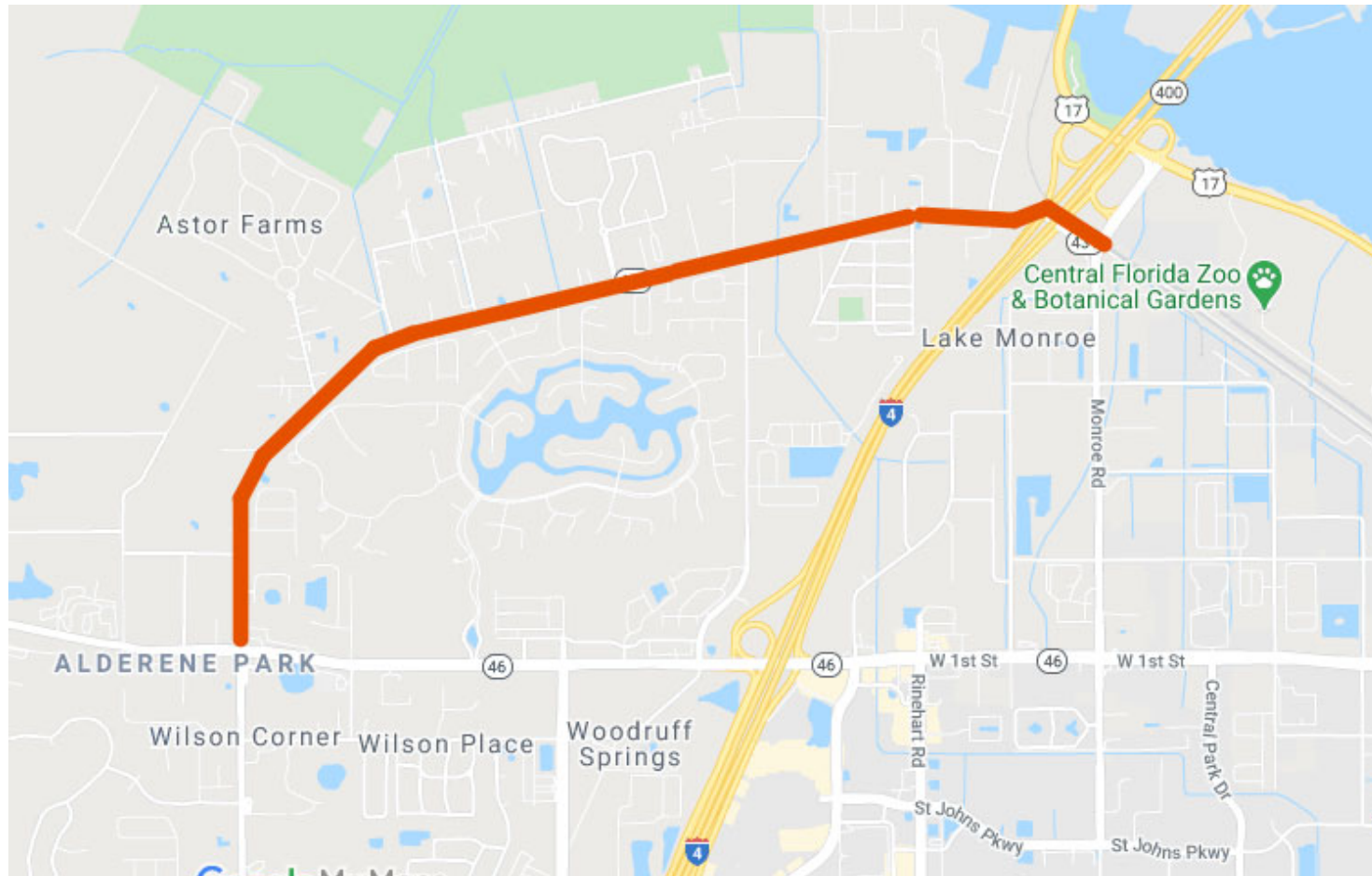
#3 & 4: *Virginia Dr., Forest Ave. & Corrine Dr. - Orange Ave. to Bennett Rd. - Context Sensitive Improvements*
Partial construction funded in 2025/26 (*new phase*)



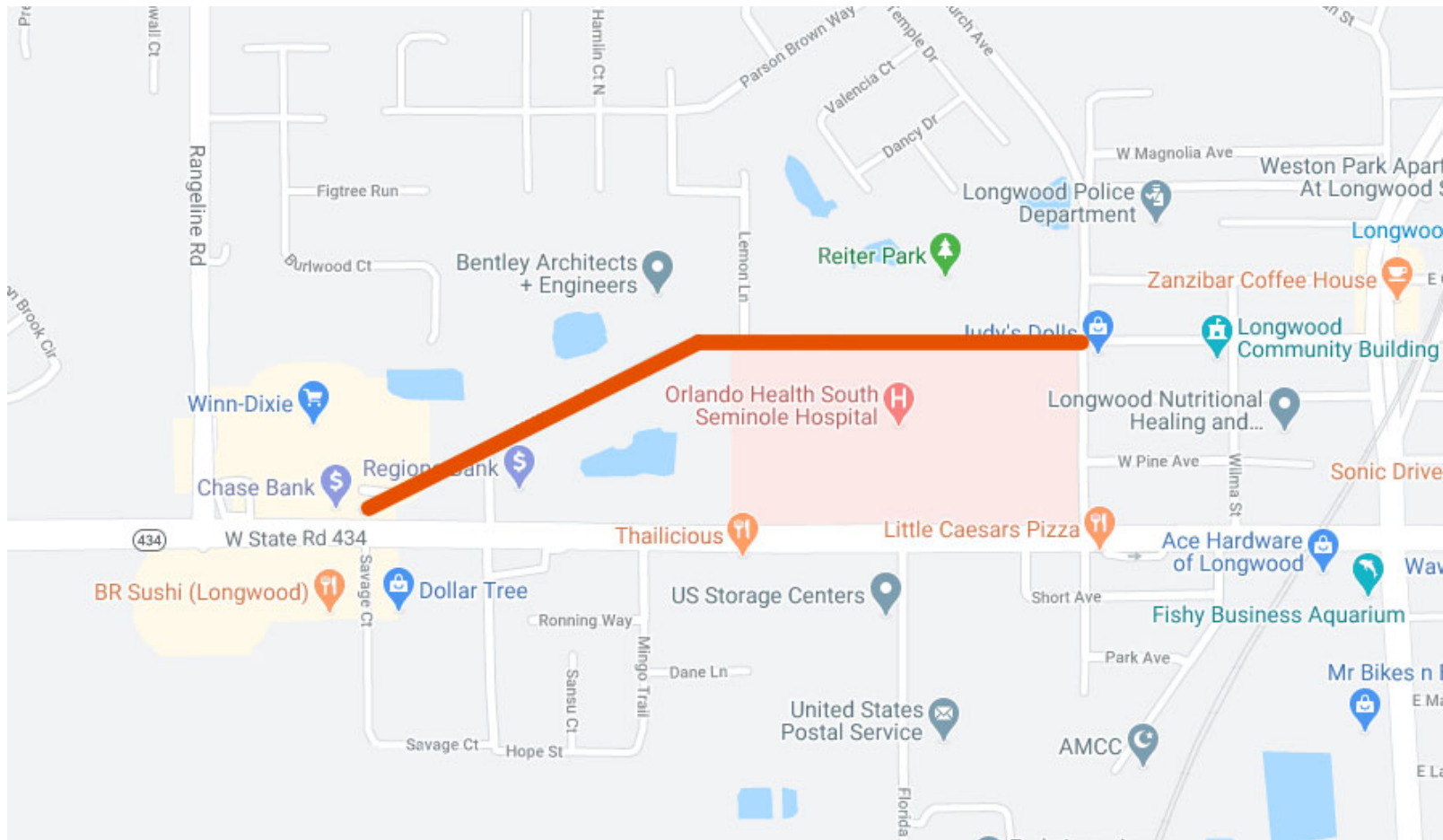
#5: *E. Church Ave.* - CR 427 to US 17/92 - Context
Sensitive Improvements - Construction funded in
2024/25 (new phase)



#15: *Orange Blvd.* - SR 46 to Monroe Rd. - Context Sensitive Improvements - Construction funded in 2025/26 (*new phase*)



#20: *Warren Ave.* - St. Laurent St. to Milwee St. - Context
Sensitive Improvements - Design funded in
2024/25 (*new phase*)



FY 2025/26 - 2039/40

PPL

***Multimodal System
TSMO Projects
(Changes in New TIP)***



Countywide/Citywide Projects

#1 & 2: *Orange Co. Traffic Signal Cabinet Upgrades* -
Construction funded in 2024/25 (*new phase*)

Other TSMO Projects

#4: *Osceola Pkwy.* - Dyer Blvd. to Florida's Turnpike -
Adoptive Signal System – Design funded in 2023/24

#11: *Marigold Ave.* - San Lorenzo Rd. to Peabody Rd. -
Roundabouts - Construction funded in 2024/25

FY 2025/26 - 2039/40

PPL

***Multimodal System
Regional Trail &
School Mobility
Projects***

(Changes in New TIP)



School Mobility Projects

#_: *Pleasant Hill Rd./Bellalago Academy Sidewalks* - Construction funded in 2021/22 (*new phase*)

#_: *Deerwood Elementary School Sidewalks* - Construction funded in 2021/22 (*new phase*)

#_: *Boggy Creek Elementary School Sidewalks* - Construction funded in 2024/25 (*new phase*)

#_: *Hickory Tree Elementary School Sidewalks* - Design funded in 2024/25 (*new phase*)

Regional Trail Projects

#1: *Little Econ Trail Ph. 3* - Forsyth Rd. to SR 436 -
Construction funded in 2025/26 (*new phase*)

#2: *Sandspur Trail* - Keller Rd. to Maitland Ave. -
Construction funded in 2023/24 (*new phase*)

#3: *Shingle Creek Kirkman Trail* - Old Winter Garden Rd.
to Raleigh St. - Construction funded in 2024/25 (*new phase*)

Regional Trail Projects

#15: *Central Casselberry Connectivity Improvements* -
Hibiscus Rd. to Marigold Rd. - Construction funded in
2024/25 (*new phase*)

#27: *Spring Lake Rd. Trail* - Northlake Blvd. to Oakland Rd.
- Construction funded in 2024/25 (*new phase*)

FY 2025/26 - 2039/40

PPL

Transit Projects



Category A: Premium Transit Projects



#1: *SunRail Phase 3* - SunRail Mainline to OIA - PD&E
study completed

#2: *OIA Connector* - Orange Co. Convention Center to OIA -
LPA awaiting approval (*no change*)

#3: *US 192 BRT* - US 27 to US 441 - Project on hold (*no
change*)

Category A: Premium Transit Projects



#4: *SR 50 BRT/Express Bus* - Orlando to UCF

#5: *SR 436 Corridor Premium Transit/Complete Streets* -
SR 434 to OIA

#6: *North-South LYMMO Expansion*

#7: *ITS Enhanced Transit*

Category B: Requiring Transit Planning/Feasibility Studies



#1: *Innovation Way/Lake Nona/Medical City Corridor Enhanced Transit*

#2: *Int'l Dr. Campus Circulator*

#3: *Int'l Dr. Fixed Guideway Transit*

#4: *Int'l Dr. Area Intermodal Station*



Category B: Requiring Transit Planning/Feasibility Studies



#5: *US 17/92 Enhanced Transit Corridor Study - Downtown Orlando to SR 436 (new project)*

#6: *US 441 Enhanced Transit Corridor Study - Apopka Superstop to Florida Mall Superstop (new project)*

#7: *Pine Hills/Kirkman Enhanced Transit Corridor Study - Pine Hills Transfer Center to Universal Orlando (new project)*

Category C: Enhancements to Existing LYNX System



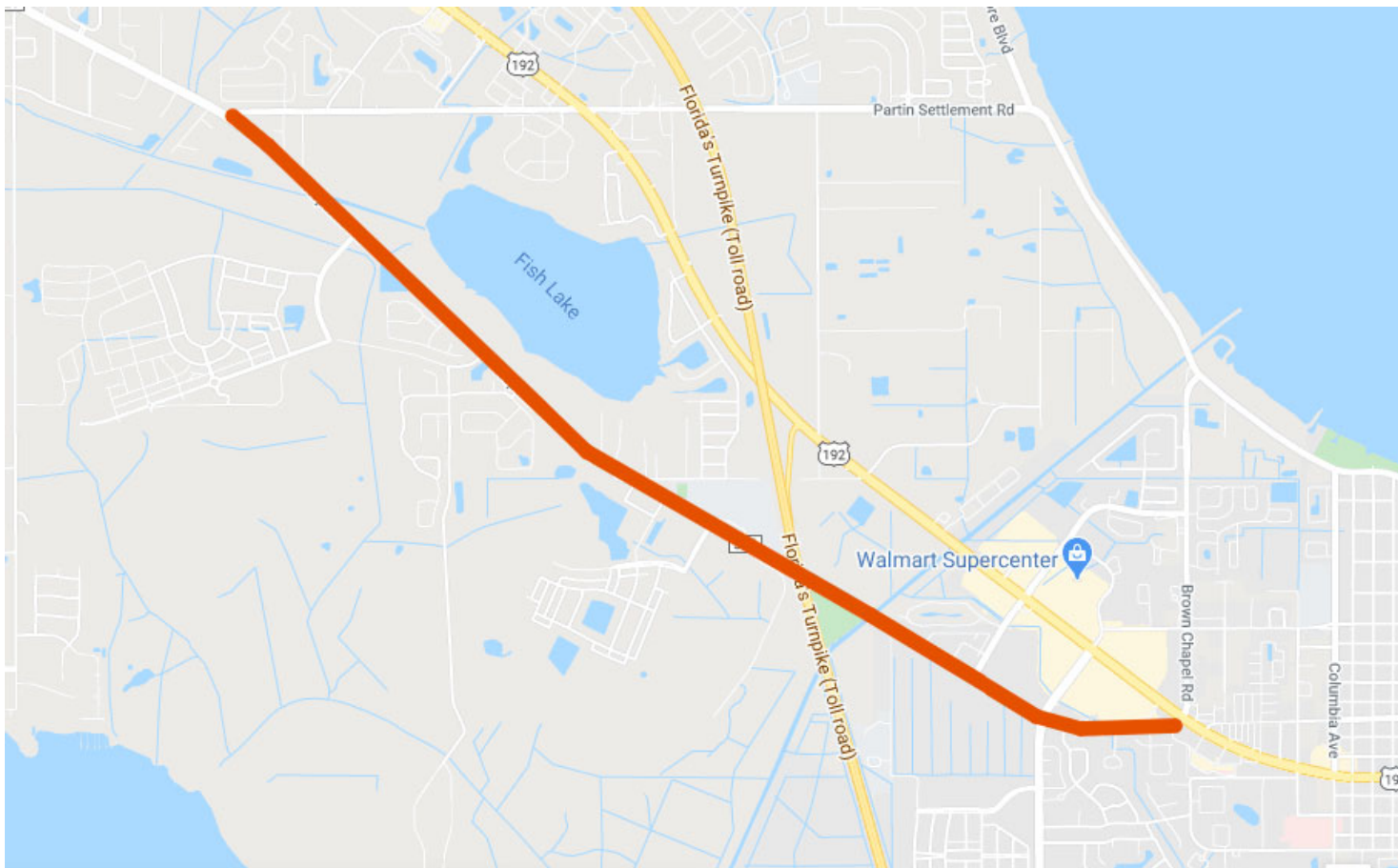
#1: *Fixed Route Bus Fleet Expansion*

#2: *Bus Service Expansion on Major Corridors*

FY 2025/26 - 2039/40
PPL
TRIP Projects



#_: *Neptune Rd.* - Partin Settlement Rd. to US 192 - 4 Lane - ROW funded in 2020/21 (*new phase - SU\$*)



Virtual TIP Public Meeting



- ❖ Date: Monday, June 21, 2021
- ❖ Time: 11:30 a.m. to 1 p.m.
- ❖ Location: MetroPlan Orlando Website
www.metroplanorlando.org



Thank You

250 S. Orange Avenue, Suite 200, Orlando, FL 32801 • 407-481-5672
www.MetroPlanOrlando.com



FY 2026/27 – 2034/35 Prioritized Project List

Preview: May / June 2021





25 years

10 years

5 years



FY 2026/27 – 2034/35 Prioritized Project List

- Directly linked to the 2045 MTP's Cost Feasible Plan
- Developed to support regional goals / objectives
- Consistent with MetroPlan Orlando Funding Policies



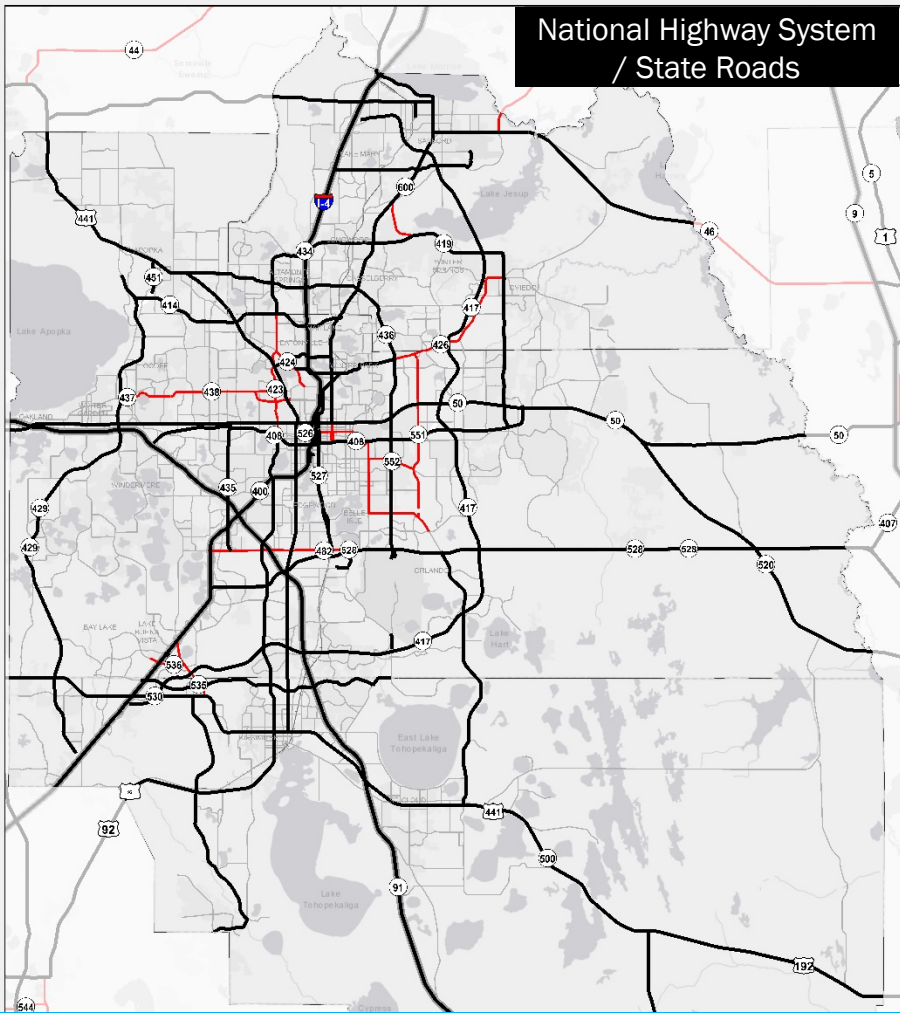
2045 MTP: Project Evaluation Criteria

Goal Area	Evaluation Criteria
Safety & Security	Crash Rate
	Fatal & Serious Injury Crash Rates
	Number of Pedestrian & Bicycle Crashes
	Evacuation Route Designation
Reliability & Performance	Travel Time Reliability (Automobiles)
	Travel Time Reliability (Trucks)
	Fiber Optic Presence along Roadway
	Segment Actively Monitors/Managed
	Relative Change: Future Congested Speeds
Access & Connectivity	Transit System Headways
	Population: ¼ Mile of Transit
	Jobs: ½ Mile of Transit
	Food & Healthcare Locations: ½ Mile of Corridor
	Cultural & Recreational Locations: ½ of Corridor
	Centrality Analysis Score (Critical Sidewalk Need)

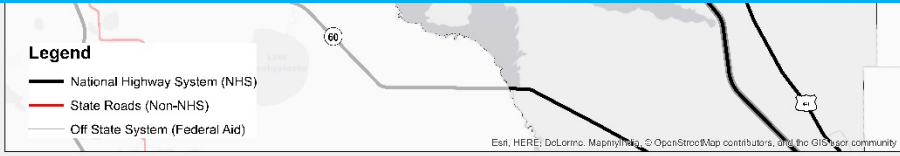
Goal Area	Evaluation Criteria
Health & Environment	Bicycle Level of Traffic Stress
	Residential Density: ¼ Mile of Multimodal Facility
	Non-Residential Density: ¼ Mile of Multimodal Facility
	Public Health Indicator Rates
	Intensity & Proximity: Environmental Justice Populations
Relative Change: Vehicle Miles Traveled	
Investment & Economy	Percentage of Commercial Vehicle Traffic (% Truck)
	Statewide Truck Bottlenecks
	Intensity & Proximity: Freight Intensive Land Uses
	Relative Change: Vehicle Hours Traveled
	Cost Burdened Households: ¼ Mile of Corridor
	Percentage of Visitor Traffic
	Cost of Congestion



National Highway System / State Roads

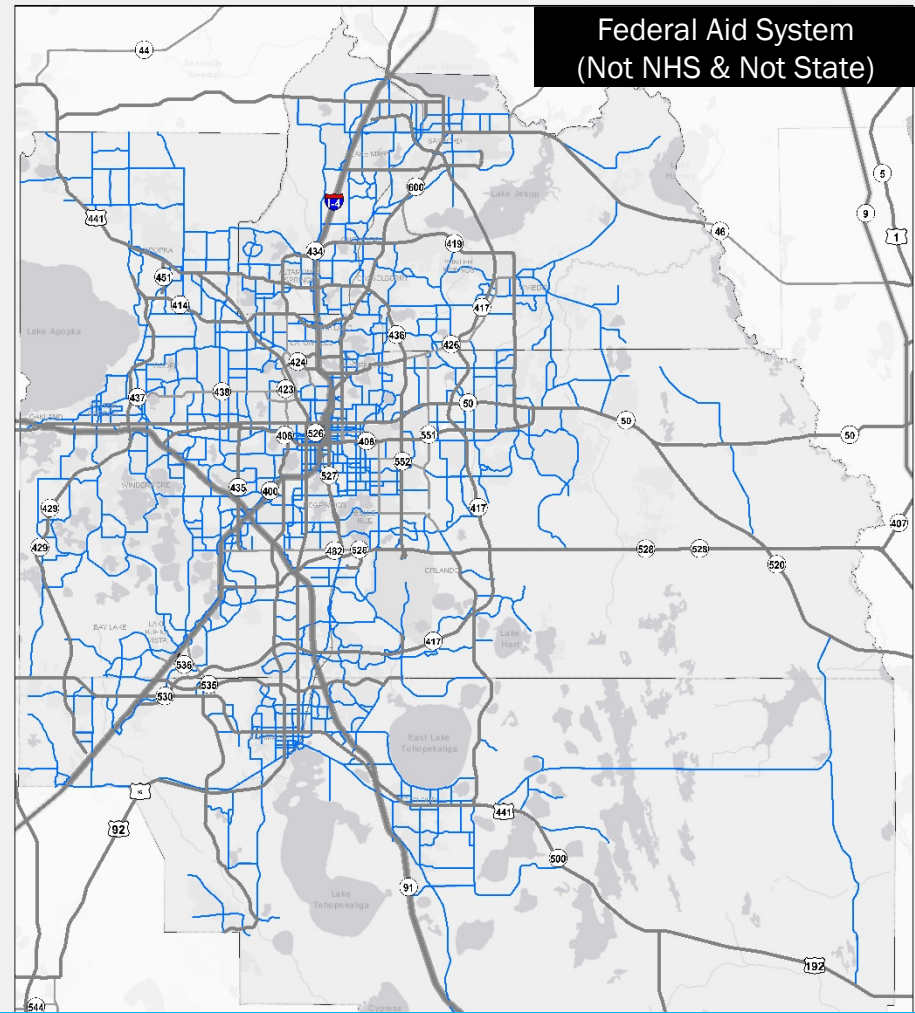


720 miles
National Highway System / State Roads
(Including Toll Facilities)



Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

Federal Aid System (Not NHS & Not State)



1,413 miles
MetroPlan Orlando Federal Aid Roadways



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FY 2026/27 – 2034/35 Prioritized Project Lists

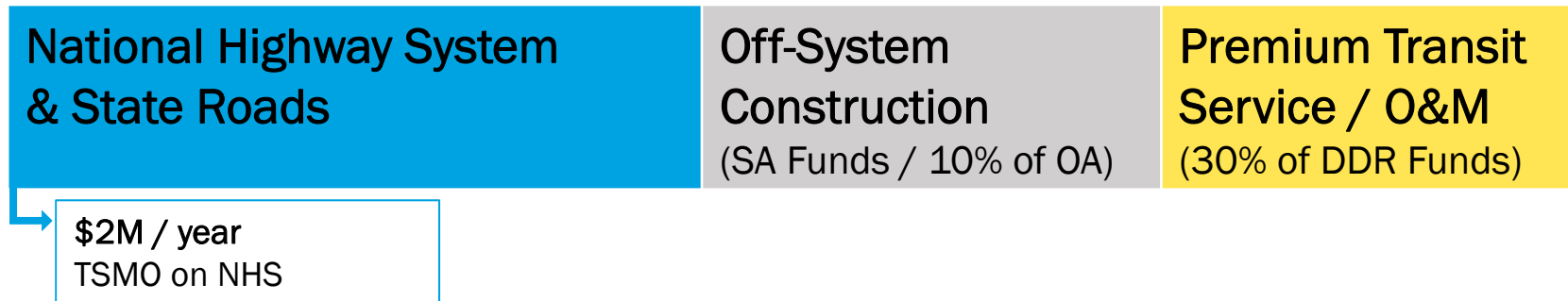


- Multiple Priority Lists to allocate Federal & State (with some local) funds to mobility programs and project improvements
- National Highway System / State Roads include:
 - Roadway Widening and Complete Streets
 - Transportation Systems Management and Operations improvements
 - Bicycle, Pedestrian, Safety, and SunTrail projects
- Projects must support adopted MTP Performance Measures
- Written authorization required for the use of MetroPlan Orlando TMA funds on a project specific basis

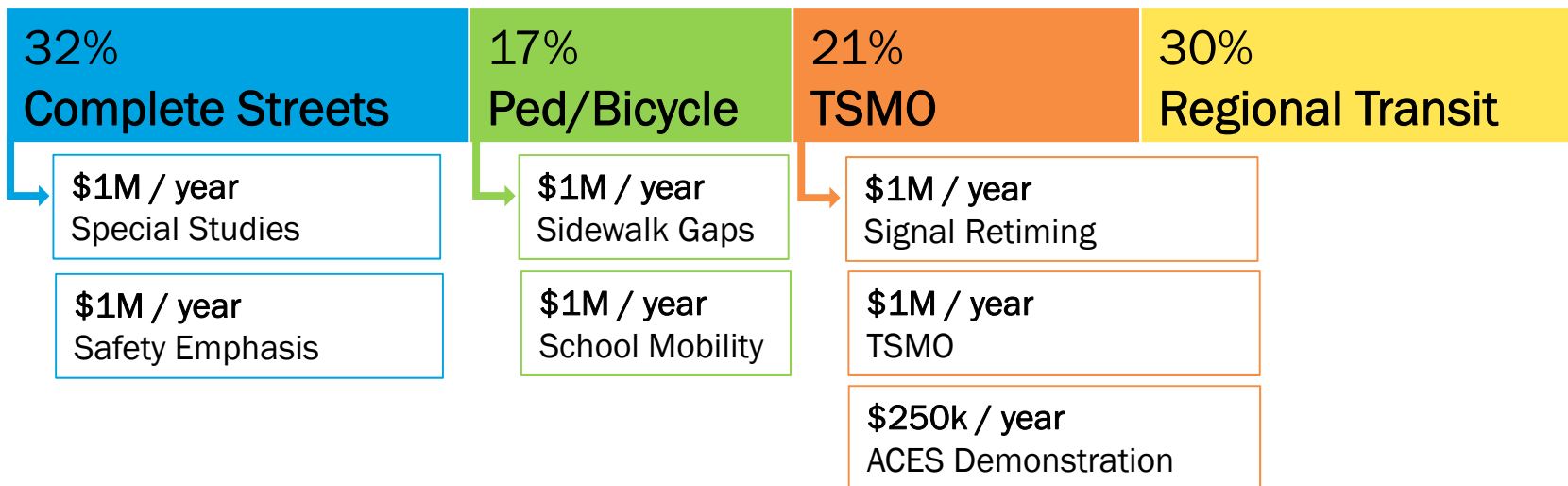


MetroPlan Orlando Funding Policies

Other Arterial Funds



MPO Managed TMA Funds (SU + TALU)



National Highway System / State Road



Updated Project Ranking

1. Regional TSMO on National Highway and State Roadway System –
Other Arterial funds allocated to addressing TSMO/ITS projects
2. SR 434 from Franklin Street to SR 417 – Complete Street with Shared Use Path
3. US 17/92 from Polk/Osceola County Line to Poinciana Blvd – Widen to 4 lanes
4. US 17/92 / John Young Pkwy from Pleasant Hill Road to Portage Street –
Widen to 6 lanes with Urban Interchange
5. SR 535 from US 192 to SR 536/World Center Dr – Widen to 6 lanes
6. SR 526/Robinson Street from SR 526/Garland Ave to North Rosalind Ave –
Complete Streets

* Green = New projects in top 6

New Program:

Off-State Highway System Construction Assistance

- 10% from "Other Arterials Funds" (SA funds) allocated to the Construction and CEI costs for Off-State System projects.
- Consistent with FDOT's Revenue Forecasting Guidebook.
- LAP-certified agencies must locally fund PD&E, Design, ROW, and Environmental Mitigation phases.



**MPOs in TMAs can assume all estimated TMA funds and 10% of the FDOT estimates of Non-SIS Highways Construction & ROW funds can be used for "Off-System" roads - Florida Department of Transportation Revenue Forecasting Guidebook, Revenue Forecast Handbook for MPOs - July 3, 2018*



Off-System Construction Assistance



Updated Project Ranking

1. Old Lake Wilson Road Improvement Project from Sinclair Road to CR 532 – Widen to 4 lanes with Median
2. CR 532 / Canoe Creek Rd from Deer Run Rd to US 192 – Widen to 4 lanes with Median
3. Winter Park Drive Bicycle and Pedestrian Improvements (Bundled)
4. Econlockhatchee Trail Multimodal Corridor Improvements from Curry Ford Road to Lee Vista Blvd – Widen to 4 lanes with Shared Use Path
5. President Barack Obama Pkwy (Phase 2) from Metrowest Blvd to Raleigh Street – New 4 lane Road with Shared Use Path
6. Kelly Park Road from Golden Gem Road to Jason Dwelley Pkwy – Widen to 4 lanes with Shared Use Path

MPO/TMA Funded TSM&O + ITS Improvements



Updated Project Ranking

1. MetroPlan Orlando UPWP – Support the Regional Traffic Signal Retiming Annual Program
2. MetroPlan Orlando Regional TSMO Program
3. Automated, Connected, Electric & Shared Vehicles (ACES) Demonstration Program
4. Pine Street from South Hughey Avenue to South Rosalind Avenue – Operational/Safety
5. Canoe Creek Road from Deer Run Road to Pine Tree Drive – ITS/Technology
6. Old Canoe Creek Road from US 192/441/13th Street to Brown Chapel Road – ITS/Technology
7. Rosamond Drive from North Lake Orlando Parkway to North Orange Blossom Trail – ITS/Technology

* Green = New projects in Top 7

MPO/TMA Funded Complete Streets Program



Updated Project Ranking

1. MetroPlan Orlando UPWP for Complete Street Studies and Performance Measure Data Collection
2. MetroPlan Orlando Safety Emphasis Program – Projects TBD
3. West Warren Avenue from St. Laurent Street to South Milwee Street – Complete Streets with Shared Use Path
4. North Central Avenue from Martin Luther King Blvd to West Donegan Avenue – Complete Streets
5. West Michael Gladden Blvd from South Park Avenue to Bradshaw Road – Complete Streets
6. East Church Avenue from North Ronald Reagan Blvd to US 17/92 – Complete Streets with Shared Use Path
7. Old Dixie Highway from Vick Road to Hawthorne Avenue – Complete Streets

* Green = New projects in top 7

MPO/TMA Funded Bike + Pedestrian Improvements



Updated Project Ranking

1. MetroPlan Orlando School Mobility Program – TMA funds allocated to addressing School Mobility projects.
2. MetroPlan Orlando Critical Sidewalk Gaps Program – TMA funds allocated to addressing Critical Sidewalk Gaps
3. Little Econ Trail Phase 3 from Baldwin Park to Richard Crotty Pkwy – Trail/Bridge
4. Shingle Creek/Kirkman Trail from Raleigh Street to Old Winter Garden Road – Shared use path
5. East/West Trail Connector from South Orange Avenue to Lake Underhill Road – Shared use path

SunTrail Program (FDOT)

1. Clarcona-Ocoee Connector (SunTrail Program/Coast to Coast) from North Hiawasse Road to Pine Hills Trail
2. Pine Hills Trail Phase 3 (SunTrail Program/Coast to Coast) from Seminole County Line to Clarcona-Ocoee Road

* Green = New projects

Transit Capital Projects



Updated Project Ranking:

1. LYNX Capital Expenses & Transit Asset Management
2. SunRail – Phase III – OIA to Meadow Woods Station
3. LYNX – Southern Operations Base
4. LYNX – Northern Operations Base
5. SunRail – Meadow Woods Station Parking Expansion (was #3)

* Green = New projects in Top 5

Next Steps

- Agency and Public Review
- Local Agency feedback due by June 9th 2021
- MetroPlan Orlando staff to finalize PPL with updated formatting by June 18th 2021
- MPO Board to take action at July 7, 2021 meeting



Thank You

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2045 Master Plan

Central Florida Expressway Authority
Brevard | Lake | Orange | Osceola | Seminole

Expanded Legislative Authority

The Central Florida Expressway Authority (CFX) is an agency of the State of Florida, created in 2014 pursuant to Chapter 348, Part III, Florida Statutes for the purposes of having the power to acquire, hold, construct, improve, maintain, operate, and lease an expressway system, including all approaches, roads, bridges, and avenues for the expressways and any rapid transit, trams, or fixed guideways located within its right-of way and within its geographic boundaries of Orange, Seminole, Lake, Brevard and Osceola Counties.



Vision

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

Local Governance Allows CFX to Respond to the Needs of Central Florida



Buddy Dyer
Chairman,
Mayor of Orlando



Sean Parks
Vice Chairman,
Lake County Representative



Jerry Demings
Treasurer,
Orange County Mayor



Brandon Arrington
Osceola County Representative



Lee Constantine
Seminole County Representative



Jay Madara
Governor's Appointee



Christopher "C.J." Maier
Governor's Appointee



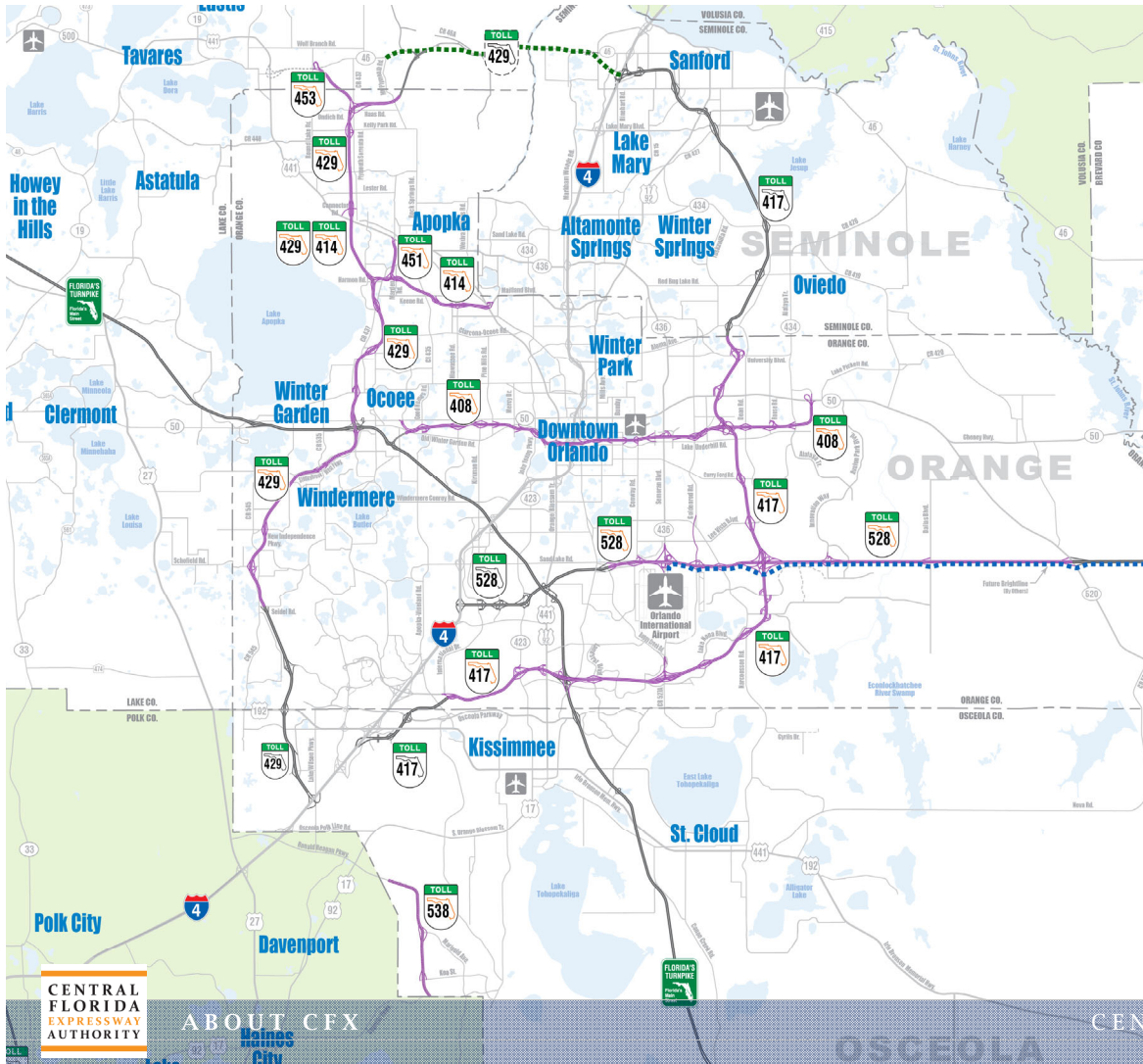
Rafael "Ralph" Martinez
Governor's Appointee



Victoria Siplin
Orange County Representative



Curt Smith
Brevard County Representative

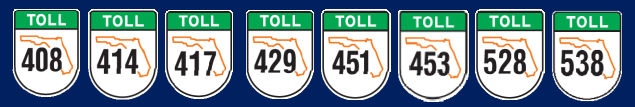


CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ABOUT CFX

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

125 Miles of Expressway



**As Many As 1,500 New Residents Move To
Central Florida Each Week As Reported by
the Orlando Economic Partnership**



2045 Master Plan Sets the Course for the Future

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

**CFX 2045
Master Plan**

Funded Five-Year Work Plan

**15-Year Capital
Improvement Program**

Five years ago, the **2040 Master Plan** put you in the driver's seat.
CFX heard from stakeholders throughout the region.

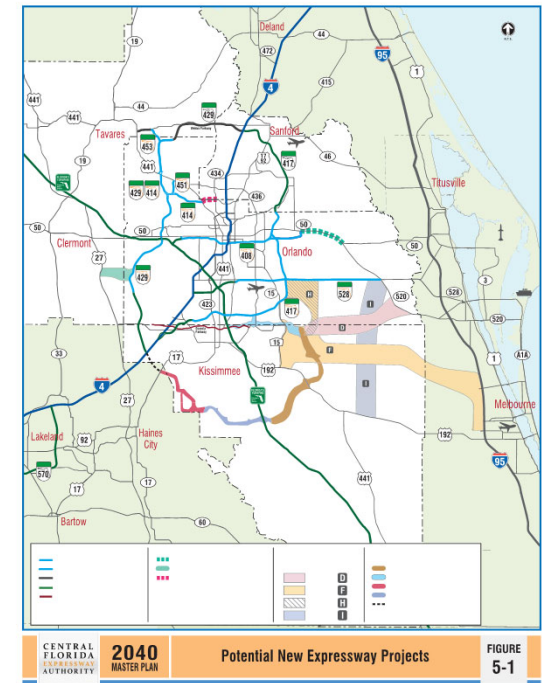
City of Clermont
City of Eustis
City of Mascotte
City of Minneola
East Lake Chamber of Commerce
South Lake Chamber of Commerce
City of Apopka
City of Eatonville
City of Maitland
City of Orlando
City of Windermere
City of Kissimmee
City of St. Cloud
Kissimmee/Osceola County Chamber of Commerce
St. Cloud Chamber of Commerce
City of Altamonte Springs
City of Lake Mary
City of Longwood
City of Oviedo
City of Sanford
Sanford Chamber of Commerce
Seminole County Chamber of Commerce
Representative Randolph Bracy
Senator Andy Gardiner
Senator David Simmons
Representative Victor Manuel "Vic" Torres, Jr.

Lake-Sumter State College
Orange County Public Schools
School District of Osceola County
University of Central Florida
Valencia College
African American Chamber of Commerce of Central Florida
Business Force
Central Florida Partnership
Deseret Ranches of Florida
East Central Florida Regional Planning Council
Enterprise Florida
Florida Department of Transportation (FDOT), District 5
Florida Department of Transportation , Florida's Turnpike Enterprise
Greater Orlando Aviation Authority (GOAA)
I-Drive District / ETC / I-Drive Chamber of Commerce
Lake-Sumter MPO
LYNX
MetroPlan Orlando
Orlando Economic Development Commission (EDC)
Orlando Sanford International Airport
Port Canaveral
Space Coast TPO
SunRail / Central Florida Commuter Rail Commission
Tri-County League of Cities
Visit Orlando
Walt Disney World (Transportation team)



Identified
\$11 Billion
 in Project Needs Across Four Counties*

Investing
\$2.5 Billion
 in Projects by 2025



*Brevard County joined CFX in 2017 after completion of the 2040 Master Plan



2040 Master Plan Signature Projects

SR 408 / 417 Interchange



2040 Master Plan Signature Projects
SR 528 / 436 Interchange

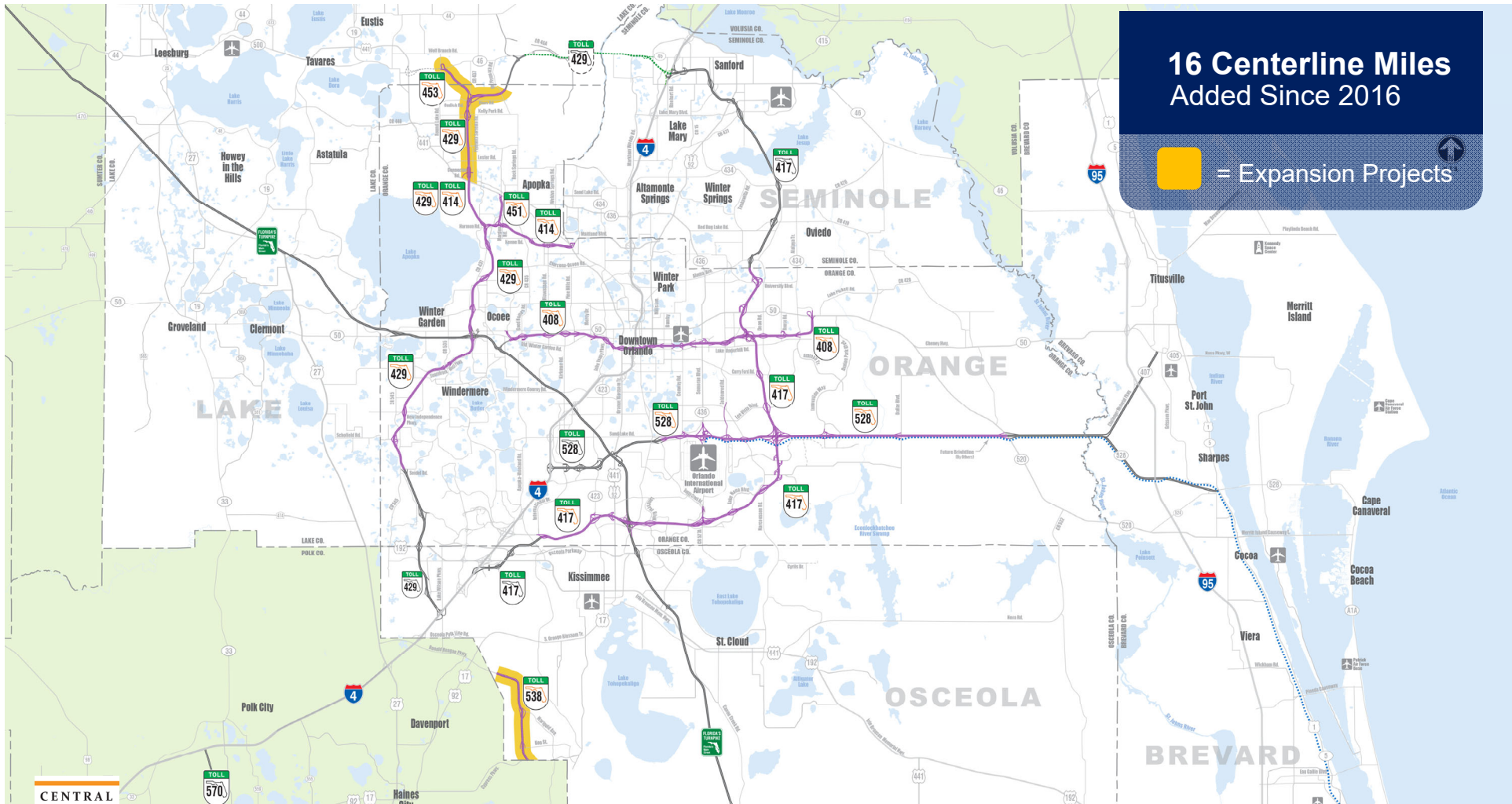


2040 Master Plan Signature Policy

CFX Multimodal Policy

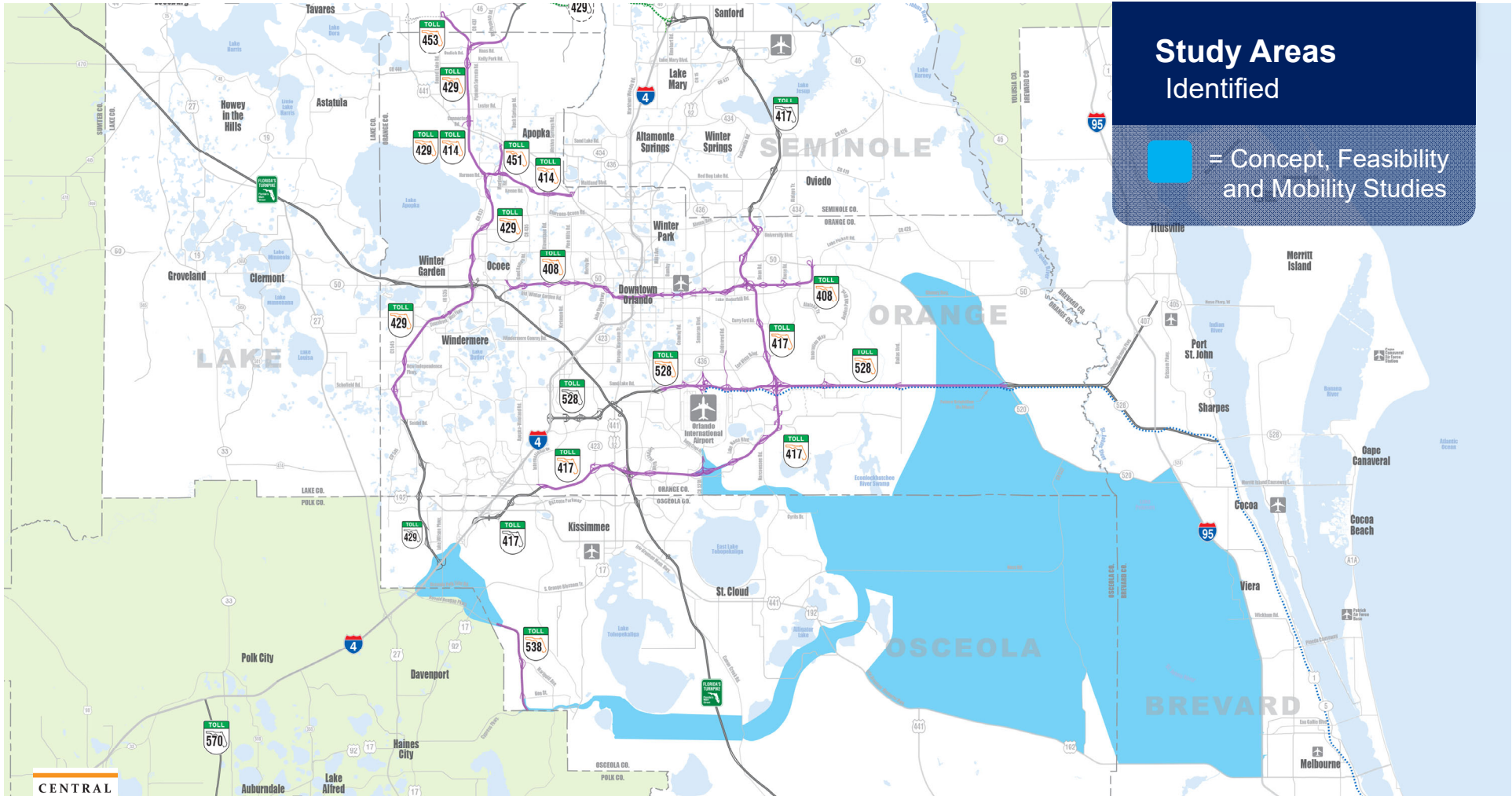


2040 Master Plan Served as a Guide for Major Initiatives



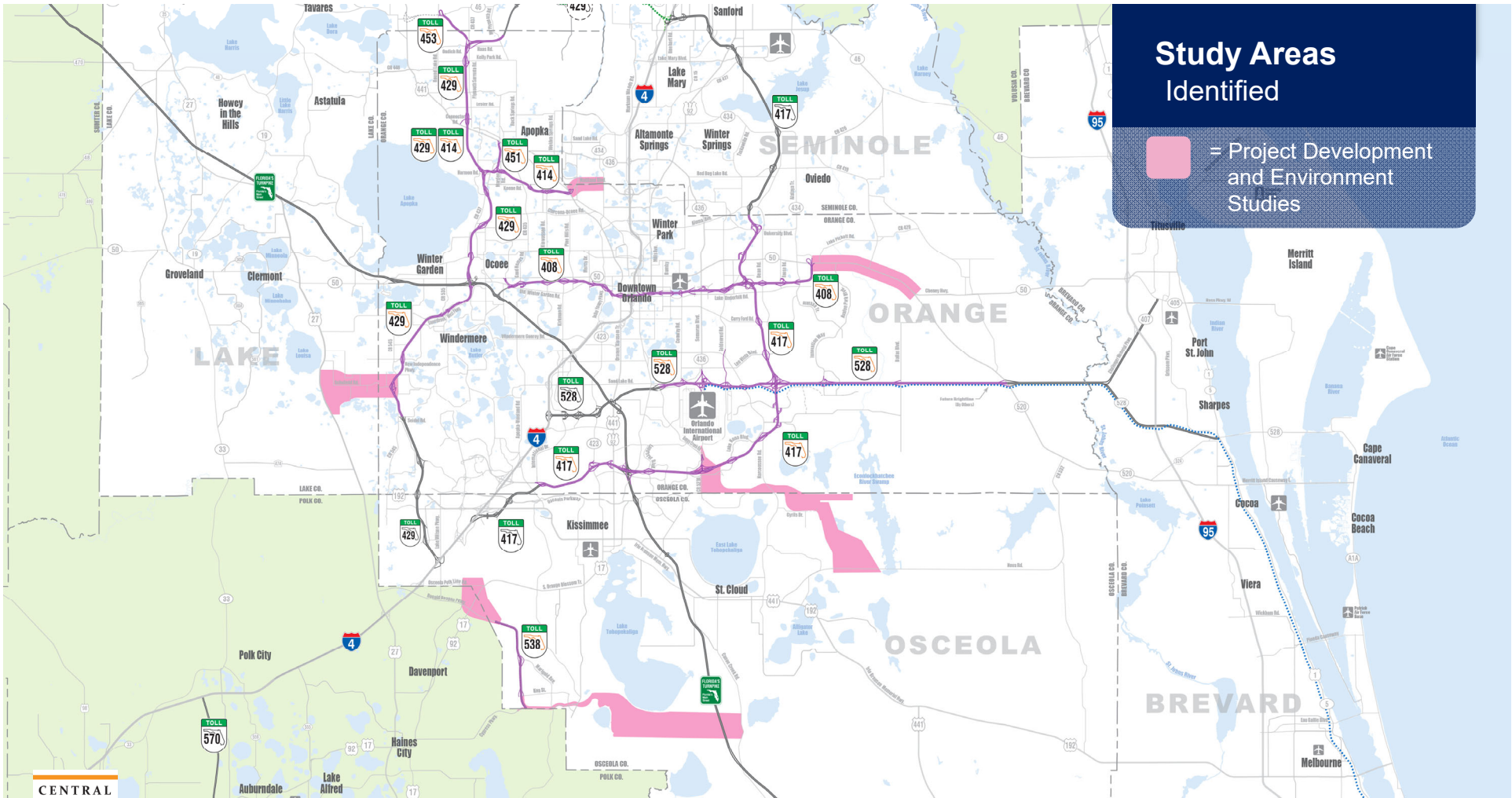
**16 Centerline Miles
Added Since 2016**

 = Expansion Projects



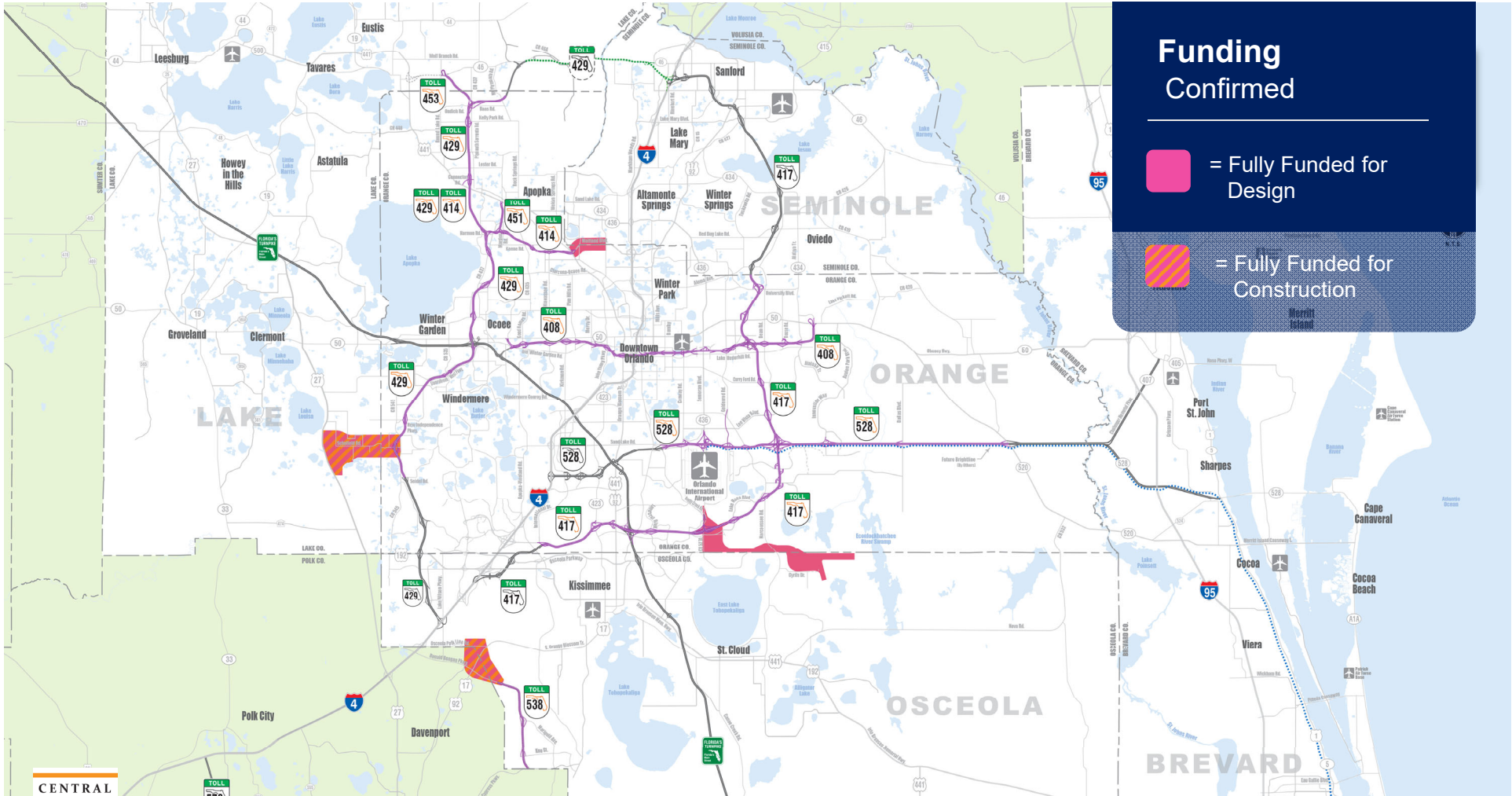
Study Areas Identified

= Concept, Feasibility and Mobility Studies



Study Areas Identified

= Project Development and Environment Studies



Funding Confirmed

 = Fully Funded for Design

 = Fully Funded for Construction

CFX's 2045 Master Planning Process is Underway Now and We Want Your Input

Take the Survey Today at:
[CFXway.com/master-plan](https://www.cfxway.com/master-plan)



2045 MASTER PLAN INPUT

What are the top transportation needs in your area?

What types of multimodal accommodations should CFX pursue?

How do we prepare for future growth and manage traffic congestion?

What sustainability practices do you consider the highest priority?

Thank You

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