




Transportation Systems Management & Operations Advisory Committee AGENDA

December 6, 2024, 8:30 AM

Transportation Systems Management and Operations (TSMO) Advisory Committee

DATE & TIME: Friday, December 6, 2024, at 8.30 a.m.	LOCATION: MetroPlan Orlando 250 S. Orange Ave., Ste. 200, Orlando, FL 32801 Parking Garage: 25 W. South St.
CLICK HERE TO JOIN VIRTUALLY	MEMBERS OF THE PUBLIC ARE WELCOME! Participate at the location above or online from your computer, smartphone or tablet. Zoom meeting ID and dial-in info available here on web calendar .
 WiFi available Network: MpoGuest Password: mpoaccess	

I.	CALL TO ORDER	Chairman Brian Sanders
II.	CHAIR'S ANNOUNCEMENTS	Chairman Brian Sanders
III.	AGENDA REVIEW	Mr. Eric Hill
IV.	AGENCY REPORTS - FDOT	Ms. Amy Beckmann
V.	ROLL CALL & CONFIRMATION OF QUORUM	Ms. Rachel Frederick
VI.	PUBLIC COMMENTS ON ACTION ITEMS	

Comments on *Action Items* can be made in two ways:

1. In person at the meeting location listed at the top of this agenda.
2. Virtually via Zoom. Use the 'raise hand' feature during public comment to indicate you want to speak.

How to comment:

1. Complete an electronic speaker card at MetroPlanOrlando.gov/SpeakerCard. Hard copies of the speaker card are available in the meeting room and should be turned into MetroPlan Orlando staff. The chairperson will call on each speaker.
2. Each speaker has two minutes to address the board and should state his/her name and address for the record.

If your comment does not pertain to action items on the agenda, you may comment at the general public comment period at the end of the meeting.

VII. ACTION ITEMS

A. October 25, 2024, Meeting Minutes (Tab 1)

Chairman Brian Sanders

Requesting approval. Meeting Minutes are provided in Tab 1.

B. FDOT Amendment to FY 2025 – 2029 TIP (Tab 2)

Jason Sartorio
MetroPlan Orlando

Requesting recommendation to approve aAmendments to the FY 2024/25 – FY 2028/29 TIP, including following item(s):

- FM #447104-1: Resurfacing Project
- FM #454928-1: Transit Emissions Grant for LYNX
- FM #456083-1: PROTECT Grant for Orange County
- FM #456094-1: PROTECT Grant for Osceola County
- FM #201210-8: I-4 from east of US 27 to west of SR 429. Add lanes/capacity
- FM #431456-6: I-4 from west of SR 429 to east of World Drive. Add lanes/capacity

A letter from FDOT staff explaining the amendment requests is included in Tab 2, along with a sheet prepared by MetroPlan Orlando staff and the draft resolution to be presented at the next Board meeting.

C. Amendments to 2045 Metropolitan Transportation Plan (Tab 3)

Taylor Laurent
MetroPlan Orlando

Requesting recommendation to approve. Action Item Fact Sheet provided in Tab 3.

D. Election of TSMO Officers

Eric Hill
MetroPlan Orlando

Report from TSMO Officer Selection Subcommittee to nominate and elect Chair and Vice-Chair for 2025.

VIII. PRESENTATIONS & STATUS REPORTS

A. Annual Signal Maintenance

Tricia Ballard, P.E., PTOE
FDOT D5

A briefing on the recent FDOT District Five Annual Signal Maintenance Meeting. This was an in-person meeting for traffic signal staff and their leadership to meet and discuss best practices and lessons learned, as well as potential challenges facing various agencies.

B. I-4 Florida’s Regional Advanced Mobility Elements (FRAME) Project

Dr. Rawa Adla,
Florida Polytechnic University

A briefing on the research being conducted for the I-4 FRAME Project. This involves two independent phases of research and working in concert with the Florida Department of Transportation (FDOT). Dr. Adla will discuss phase one, advanced traffic simulation software was used to recreate and evaluate the existing transportation system and the expected benefits of the project.

IX. COMMON PRESENTATIONS & STATUS REPORTS

A. Status Update: 2050 Metropolitan Transportation Plan (MTP)

Taylor Laurent,
MetroPlan Orlando

A briefing on the 2050 MTP’s ongoing activities and next steps. More information is provided in the General Information section.

B. Presentation on SR 417 Connection to Sanford Int’l Airport Study

Will Hawthorne
CFX

A briefing on the recent PD&E study and other efforts conducted by the Central Florida Expressway Authority (CFX).

C. Presentation from Best Foot Forward (FY24 Annual Report)

Emily Bush
Bike Walk Central Florida

An annual report about the regional pedestrian safety initiative. More information is provided in the General Information section.

D. Status Update on EV Readiness Study

Eric Hill
MetroPlan Orlando

MetroPlan Orlando is completing an EV Readiness Study to understand and support the transition to electric vehicles in our planning area. Eric Hill, MetroPlan Orlando, will give a status update on the Electric Vehicle Readiness Study, including data and information from three workshops on Policy, Charging Sites, and Grant Application and Funding.

X. GENERAL INFORMATION

Tab 4

- A. FDOT Monthly Construction Status Report** –The latest FDOT Monthly Construction Status Report for the MetroPlan Orlando area is enclosed for information purposes.

- B. **Air Quality Report** – The latest air quality report for the MetroPlan Orlando area is enclosed for information purposes.
- C. **LYNX Press Releases** – One press release from LYNX have been included for informational purposes.
- D. **2050 MTP Status Update** – Information is provided outlining the most recent updates and progress on the 2050 Metropolitan Transportation Plan.
- E. **PD&E Tracking Status Report** – A report providing the latest status of the PD&E studies currently underway in the MetroPlan Orlando area is enclosed for information purposes.
- F. **Bicycle and Pedestrian Report** – A report on bicycle and pedestrian projects in the MetroPlan Orlando region is enclosed for information purposes.
- G. **Best Foot Forward FY 2024 Annual Report** – Full report on the Best Foot Forward pedestrian safety initiative can be viewed at: [24.11.22-MetroPlan-FY-23-24-BFF-Annual-Report.pdf](#)
- H. **2023/24 BEBR Population Comparison** – The University of Florida’s Bureau of Economic and Business Research (BEBR) has published annual population estimates for 2023. A comparison of estimates from 2023 to 2024 is enclosed.
- J. **Updated Speed Management Section of the Florida Design Manual** – The updated section of FDOT Design Manual (Topic #625-000-002), effective January 1, 2025, can be viewed at: https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/roadway/fdm/2025/2025fdm202speedmgmt.pdf?sfvrsn=e528bd6e_1

XI. UPCOMING MEETINGS OF INTEREST

A list of selected upcoming meetings to be held at MetroPlan Orlando’s office, unless a different location is specified. For more information and a full list of upcoming meetings, visit MetroPlanOrlando.gov/calendar

- A. **MetroPlan Orlando Board – December 11, 2024**
- B. 2050 MTP Technical Workshop #6 – December 12, 2024
- C. LYNX Board (at LYNX Central Station) – December 12, 2024
- D. Central Florida Commuter Rail Commission (at LYNX Central Station) – December 12, 2024
- E. Community Advisory Committee (CAC) – January 22, 2025
- F. **TSM&O Advisory Committee – January 24, 2025**
- G. Technical Advisory Committee (TAC) – January 24, 2024
- H. MetroPlan Orlando Board – February 12, 2025
- J. LYNX Board (at LYNX Central Station) – December 12, 2024
- K. Transportation Disadvantaged Local Coordinating Board (TDLCB) – February 13, 2024

XII. MEMBER COMMENTS

XIII. PUBLIC COMMENTS (GENERAL)

Public comments of a general nature can be made in two ways:

1. In person at the meeting location listed on page 1 of this agenda.
2. Virtually via Zoom. Use the 'raise hand' feature during public comment to indicate you want to speak.

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2. Each speaker has two minutes to address the board and should state his/her name and address for the record.

XIV. ADJOURNMENT

Public participation is conducted without regard to race, color, national origin, sex, age, disability, religion, or family status. Persons wishing to express concerns, who require special assistance under the Americans with Disabilities Act, or who require language services (free of charge) should contact MetroPlan Orlando by phone at (407) 481-5672 or by email at info@metroplanorlando.gov at least three business days prior to the event.

La participación pública se lleva a cabo sin distinción de raza, color, origen nacional, sexo, edad, discapacidad, religión o estado familiar. Las personas que deseen expresar inquietudes, que requieran asistencia especial bajo la Ley de Americanos con Discapacidad (ADA) o que requieran servicios de traducción (sin cargo) deben ponerse en contacto con MetroPlan Orlando por teléfono (407) 481-5672 (marcar 0) o por correo electrónico info@metroplanorlando.gov por lo menos tres días antes del evento.

TAB 1



metroplan orlando

A REGIONAL TRANSPORTATION PARTNERSHIP

Transportation Systems Management and Operations (TSMO) Advisory Committee

MEETING MINUTES

DATE: Friday, October 25, 2024

TIME: 8:30 a.m.

LOCATION: MetroPlan Orlando
David L. Grovdahl Board Room
250 South Orange Avenue, Suite 200
Orlando, Florida 32801

Chairman Brian Sanders, Presiding

Members Present:

Mr. Lenny Barden, City of Altamonte Springs
Mr. Cameron Crandell for Mr. Naol Barkessa, City of St. Cloud
Ms. Kenna Henry for Mr. Kelly Brock, City of Casselberry
Mr. Michael Lopez for Mr. Christopher Carson, City of Lake Mary
Ms. Christina Colón, Osceola County
Mr. Chris DeLoatche, GOAA
Ms. Alyssa Eide, City of Maitland
Mr. Hazem El-Assar, Orange County
Mr. Bryan Homayouni, Central Florida Expressway Authority
Mr. Philip Hursh, City of Winter Springs
Ms. Susan Hutson for Ms. Louann Huynh, UCF (virtual)
Mr. Doug Jamison, LYNX
Mr. Ramy Kamal, City of Kissimmee
Mr. Steve Krug, City of Ocoee
Mr. Hong Lim, City of Winter Park
Mr. Butch Margraf, MPO Appointee
Mr. Adam Mendenhall, City of Sanford (virtual)
Mr. Anthony Nelson, Seminole County
Mr. Phil Price, City of Belle Isle

Ms. Lee Pulham, Central Florida Tourism Oversight District
Mr. Brian Sanders, Orange County
Mr. Ramon Senorans, Kissimmee Gateway Airport
Mr. Shad Smith, City of Longwood
Ms. Maria Tejera, City of Orlando
Mr. Nabil Muhaisen for Mr. Akil Toussaint, City of Orlando
Mr. Charlie Wetzal, Seminole County
Ms. Amy Martello for Mr. Jonathan Williams, City of Winter Garden (virtual)
Mr. Aaron Torres for Mr. Gary Yeager, Osceola County

Voting Members Absent:

Mr. Michael Ortiz, City of Apopka
Mr. Paul Yeagain, City of Oviedo
Vacant, Orlando Sanford Airport

Non-Voting Members/Advisors Absent:

Ms. Tonya Elliot Moore, Town of Windermere
Mr. Eric Gordin, FTE
Mr. Richard Horn, City of Edgewood
Vacant, Town of Eatonville
Vacant, Town of Oakland
Vacant, Orange County CTST
Vacant, Osceola County CTST
Vacant, Seminole County CTST

Others in Attendance:

Ms. Amy Beckman, FDOT District 5
Mr. Jeremy Dilmore, FDOT District 5
Ms. Jo Santiago-Mercer, FDOT
Mr. Brendan Guess, reThink Your Commute
Mr. Gary Huttman, MetroPlan Orlando
Ms. Virginia Whittington, MetroPlan Orlando
Mr. Alex Trauger, MetroPlan Orlando
Mr. Eric Hill, MetroPlan Orlando
Ms. Taylor Laurent, MetroPlan Orlando
Ms. Lara Bouck, MetroPlan Orlando
Ms. Mary Ann Horne, MetroPlan Orlando
Mr. Mighk Wilson, MetroPlan Orlando
Ms. Leilani Vaiaoga, MetroPlan Orlando
Mr. Slade Downs, MetroPlan Orlando
Mr. Jason Sartorio, MetroPlan Orlando
Ms. Lisa Smith, MetroPlan Orlando
Ms. Rachel Frederick, MetroPlan Orlando

I. CALL TO ORDER

Chairman Brian Sanders called the meeting to order at 8:30 a.m. and welcomed everyone. Chairman Sanders detailed the meeting guidelines and the public comment procedures.

II. CHAIRS ANNOUNCEMENTS

None.

III. AGENDA REVIEW

Mr. Eric Hill welcomed all. He shared details of FDOT Mobility Week, and the 3rd MetroPlan Orlando EV Readiness Workshop on 10/28 and the final EV Readiness workshop on 11/12. Mr. Hill confirmed the November Board meeting is cancelled with the next being on December 11th.

Mr. Hill noted the departure of Ms. Cynthia Lambert, and shared the promotion of Ms. Mary Ann Horne as Public Information Manager.

Mr. Mighk Wilson presented the Safety Moment with October being Pedestrian Safety Month. He noted that the number of fatal crashes in the Central Florida region is down 28% in the first 6 months of this year compared to prior years and continued to break down the crash factors at crosswalks. Mr. Wilson gave safety recommendations to both motorists and pedestrians. He concluded by giving a brief Vision Zero Planning update of activities being carried out in Orange, Osceola and Seminole county.

IV. AGENCY REPORTS – FDOT

Ms. Amy Beckmann, FDOT, shared details regarding the recovery and repair after Hurricane Milton and Hurricane Helene. Ms. Beckman stated that as of a few days ago, over 800 cubic yards of debris were collected in Orange County, 700 cubic yards in Osceola and approximately 460 cubic yards in Seminole. She also reminded members of Mobility week and how to access the details of more events.

Ms. Beckman stated in the December committee meetings she will be sharing details of the Work Program.

V. ROLL CALL & CONFIRMATION OF QUORUM

Ms. Rachel Frederick conducted the roll call and confirmed there was a quorum.

VI. PUBLIC COMMENTS ON ACTION ITEMS

None.

VII. ACTION ITEMS

A. August 23, 2024, TSMO Meeting Minutes

Approval is requested of the meeting minutes for August 23, 2024.

MOTION: Hazem El-Assar moved to approve the August 23, 2024, TSMO meeting minutes, Shad Smith seconded the motion. Motion passed unanimously.

B. FDOT Amendment to FY 2025 - 2029 TIP

Mr. Jason Sartorio presented, requesting TSMO make a recommendation to the Board that the FY 2024/25 – FY 2028/29 TIP be amended to include the following item(s):

- FM #447602-1: Buenaventura Blvd. Traffic Signals from Florida Pkwy. To E. Osceola Pkwy.
- GOAA-PFL0014938: MCO Multimodal Connections Program – GOAA is pursuing a federal TIFIA loan for \$2,180,000,000 (loan and match). Project included in TIP proactively for purposes of planning consistency. Inclusion in TIP and STIP required prior to awarding credit assistance.

MOTION: Shad Smith moved to recommend approval of the 2025 -2029 TIP amendments as presented. Ramon Senorans seconded the motion. Motion passed unanimously.

C. Title VI & LEP Plan

Ms. Mary Ann Horne presented an update to the Title VI and LEP plan. Ms. Horne shared the reasons for the plan and how they currently endeavor to reach all communities in their communication of the plan and also hearing their needs. She shared how MetroPlan Orlando work to serve our community without discrimination also detailed how MetroPlan engage with people who speak languages other than English and the resources available to them.

Ms. Horne noted that the plan refers to Transportation Underserved Communities (TUCs) and identified those areas in the region.

Chairman Sanders noted how Orange County referred to the MetroPlan Orlando Title VI plan and how helpful it was for them in updating their own.

MOTION: Anthony Nelson moved to approve the update to the Title IV and LEP plan as presented. Shad Smith seconded the motion, which passed unanimously.

D. 2025 MetroPlan Orlando Committee Meeting Schedule

Mr. Eric Hill presented the 2025 MetroPlan Orlando Committee Meeting Schedule. A member questioned the meeting on April 9th which was confirmed as a special MTP Infrastructure Investment Scenario Planning Workshop - for all Committees and Board members, and is followed on April 10th by a regular MTP Workshop.

MOTION: Shad Smith moved to approve the resolution and plan as presented. Anthony Nelson seconded the motion, which passed unanimously.

E. Appointment of Officer Selection Subcommittee

Mr. Eric Hill requested volunteers to be part of the Selection Subcommittee.

Mr. Hazem El-Assar (Orange County), Mr. Lenny Barden (Seminole) and Ms. Christina Colón (Osceola) volunteered to be on the subcommittee. Mr. Hill confirmed he will now contact the three members who will move forward as the subcommittee to meet and consider any nominations for TSMO leadership in 2025.

VIII. PRESENTATIONS & STATUS REPORTS

A. Status Update: 2050 Metropolitan Transportation Plan (MTP)

Ms. Taylor Laurent began with recent public engagement updates and reports. She noted the technical analysis work they have been undertaking and are in the process of completing a final review of the 2050 needs list with each local agency.

Ms. Laurent gave an overview of the recent technical workshop that was held on October 17, 2024, a recording of which will be posted on the website soon. She also detailed the project prioritization process, goal weighting and evaluation criteria by mode, the prioritization goal weighting survey results, and ended by confirming the timeline of the project, with adoption of the plan by December 2025.

B. Regional Traffic Signal Retiming Program

Ms. Lara Bouck presented on the before and after of the annual signal retiming for fiscal year 2022-23. Ms. Bouck noted why the signal timing program is carried out and noted that 24 corridors and 1 independent intersection were retimed across the region. She shared which data source is used and the process of determining which signals are retimed and the performance metrics used. The project results and benefit cost summary were highlighted.

Ms. Bouck stated that signal retiming is a balancing act of competing priorities. She noted the change in travel speeds and findings of a distracted driving analysis that was completed. A distracted driving memorandum can be found on the MetroPlan Orlando website in addition to the full traffic signal retiming report.

Discussions included prescreening which corridors were considered for retiming and also the success of the timing on SR 436 outside of peak hours. Also noted were the ever-needed improvements on Narcoossee Road.

Mr. Hill requested that jurisdictions keep a log of traffic signal complaints to keep in touch with the personal impacts on their communities.

C. Florida's Lane Closure Notification System (LCNS)

Mr. Jeremy Dilmore, FDOT presented on the Statewide Lane Closure Notification System. He shared FDOT Vision to 'Serve the people of Florida by providing a transportation network that is planned, supports economic growth, and has the goal of being congestion and fatality free.'

Mr. Dilmore shared the key benefits of the Lane Closure Notification System and showed the LCNS application - on a smart phone, whereby a worker can add a lane closure which then shows on Google Maps, Waze, TomTom and Apple Maps.

He outlined the pilot program phasing and noted the one-year pilot launched in June 2022. Throughout the pilot, enhancements and quality checks were adopted and in October 2022, the LCNS became a requirement on all future projects and in August 2023 the contract was renewed for Year 2. Mr. Dilmore shared statistics of the Year 1 performance with 87% of all road closures reported within 5 minutes of closure. Work zone crashes are trending down with consistent LCNS use. Now in Year 2, he stated the focus going forward. Mr. Dilmore shared screenshots of the user interface of the LCNS.

He shared that FDOT are looking to expand the number of workers and situations who can input lane closures and also to combine the lane closures into the RTMC feeds.

Mr. Bryan Homayouni, CFX, shared details of their pilot program using the LCNS and noted the enhancements that are evolving with the system. They have extended for a further year to include all their new construction projects and are complimentary on the system.

Mr. Lenny Barden, Altamonte Springs also shared details of their 3-year contract with the LCNS. He stated they used it during Hurricane Milton for emergency management to advise of lane closures and also noted how efficient the inputting of data and how much time this saved. He advised that Mr. Ken Selvig from One Network was in the room and available to speak with.

IX. COMMON PRESENTATIONS & STATUS REPORTS

The following common presentations were on the agenda for the Technical Advisory Committee meeting immediately following the TSMOAC meeting:

A. 2050 MTP Status Update

Taylor Laurent,
MetroPlan Orlando

Taylor Laurent, MetroPlan Orlando, will give a status update on the ongoing progress of the 2050 Metropolitan Transportation Plan (MTP). Additional information is provided in the General Information section of this agenda.

B. Regional Traffic Signal Retiming Program

Lara Bouck
MetroPlan Orlando

Lara Bouck, MetroPlan Orlando, will give a presentation on the Regional Traffic Signal Retiming Program.

C. reThink Regional Commuter Assistance Program

Brendan Guess, FDOT

Brendan Guess, representing FDOT, will give a presentation on reThink commuter assistance program.

X. GENERAL INFORMATION

- A. **FDOT Monthly Construction Status Report** –The latest FDOT Monthly Construction Status Report for the MetroPlan Orlando area was enclosed for information purposes.
- B. **Highlights from September 11, 2024, MetroPlan Orlando Board Meeting** – A series of highlights and notable actions from the most recent MetroPlan Orlando Board Meeting.
- C. **Air Quality Report** – The latest air quality report for the MetroPlan Orlando area was enclosed for information purposes.
- D. **LYNX Press Releases** – One press release from LYNX was included for informational purposes.
- E. **2050 MTP Status Update** – Information was provided outlining the most recent updates and progress on the 2050 Metropolitan Transportation Plan.

- F. **American Cancer Society Road Recruitment Flyer** – This program provides transportation services for cancer patients in need. An informational flyer was included.
- G. **TIP Modification Letter** – Two letters, explaining modifications to the FY 2024/25 – 2028/29 TIP were included for informational purposes.
- H. **Distracted Driving Handout** – A infographic describing the safety impacts, traffic operations impacts, and actionable solutions to distracted driving was included for informational purposes.

XI. UPCOMING MEETINGS OF INTEREST

A list of selected upcoming meetings is below. For more information and a full list of upcoming meetings: [MetroPlan Orlando Meeting Calendar](#)

- A. Transportation Disadvantaged Local Coordinating Board – November 14, 2024
- B. TDLCB Public Meeting – November 14, 2024
- C. SunRail/CFCRC Board (at LYNX Central Station) – November 14, 2024
- D. Community Advisory Committee (CAC) – December 4, 2024
- E. Municipal Advisory Committee (MAC) – November 7, 2024
- F. **Transportation Systems, Management, & Operations Cmte. (TSM&O) – December 6, 2024**
- G. Technical Advisory Committee (TAC) – December 6, 2024
- H. MetroPlan Orlando Board – December 11, 2024
- J. LYNX Board (at LYNX Central Station) – December 12, 2024
- K. 2050 MTP Technical Workshop (Held Virtually) – December 12, 2024

XII. MEMBER COMMENTS

None

XIII. PUBLIC COMMENTS (GENERAL)

None

XIV.ADJOURNMENT

Chair Sanders adjourned the meeting of the Transportation Systems Management & Operations Advisory Committee at 9:54 a.m. The meeting was recorded and transcribed by Ms. Rachel Frederick.

Approved this 6th day of December 2024

Mr. Brian Sanders, Chairman

Ms. Rachel Frederick,
Board Services Coordinator

As required by Section 286.0105, Florida Statutes, MetroPlan Orlando hereby notifies all interested parties that if a person decides to appeal any decision made by MetroPlan Orlando with respect to any matter considered at such meeting or hearing, he or she may need to ensure that a verbatim record is made to include the testimony and evidence upon which the appeal is to be based.

TAB 2



Board Action Fact Sheet

Meeting Date: December 11, 2024

Agenda Item: X.B (Tab 2)

Roll Call Vote: Yes

Action Requested: FDOT requests approval of amendments to the FY 2024/25 – FY 2028/29 Transportation Improvement Program (TIP).

Reason: Increasing construction funding for an existing resurfacing project. Add three new projects that received grant funding Additionally, two new projects on I-4 are being added as part of the Moving Florida Forward initiative.

Summary/Key Information: Items of particular significance for our Committees and the Board are as follows:

- FM #447104-1: SR 500 resurfacing from SR 50 to SR 414 – This amendment adds \$4,902,224 in ACSU funding, \$1,835,579 in SA funding, \$2,997,776 in SU funding, \$376,016 in DDR funding, and \$89,239 in LF funding for CST in FY 2025
- FM #454928-1: CFRTA (LYNX) FY24 FTA Bus and Low and No-Emission Grant – This amendment adds a new project with \$27,609,656 in FTA funding for CAP in FY 2025
- FM #456083-1: Real-time Flood Forecasting for Orange Co. – PROTECT Grant – This amendment adds a new project with \$1,000,000 in PROD funding for PLN in FY 2025
- FM #456094-1: Osceola Co. Basin Studies for Resilience – PROTECT Grant – This amendment adds a new project with \$1,750,000 in PROD funding for PLN in FY 2025
- FM #201210-8: SR 400 (I-4) additional lanes from E of US 27 to W of SR 429 – This amendment advances a new project as part of the Moving Florida Forward initiative. The amendment includes the following: \$4,048,700 in GMR funding and \$18,504,259 in MFF funding for PE in FY 2025; \$12,000,000 in GMR funding and \$3,222,292 in MFF funding for RRU in FY 2025; \$8,710,646 in MFF funding for INC in FY 2025; \$2,000,000 in MFF funding for ENV in FY 2025; \$200,000 in DIH funding and \$190,406,544 in MFF funding for DSB in FY 2025
- FM #431456-6: SR 400 (I-4) additional lanes from W of SR 429 to E of World Drive – This amendment advances a new project as part of the Moving Florida Forward initiative. The amendment includes the following: \$16,607,926 in MFF funding for PE in FY 2025; \$200,000 in DI funding for RRU in FY 2025; \$3,213,198 in MFF funding for INC in FY 2025; \$200,000 in MFF funding for ENV in FY 2025; \$1,000,000 in DIH funding and \$139,628,580 in MFF funding for DSB in FY 2025

MetroPlan Budget Impact: None

Local Funding Impact: None

Committee Action: CAC: To be taken up on December 4, 2024
MAC: To be taken up on December 5, 2024
TSMO: To be taken up on December 6, 2024
TAC: To be taken up on December 6, 2024

Staff Recommendation: MPO staff did not authorize the use of SU funds for FM#447104-1.

Supporting Information: The following documents are provided at Tab 2:

- FDOT letters dated November 18, 2024
- Proposed Board Resolution No. 24-13



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

11/18/2024 | 3:57 PM EST

MetroPlan Orlando
ATTN: Mr. Gary Huttmann, Executive Director
250 South Orange Ave., Suite 200
Orlando, FL 32801

RE: Request to Revise Fiscal Year (FY) 2024/25-2028/29 Transportation Improvement Program (TIP)

Dear Mr. Huttmann:

Florida Department of Transportation requests MetroPlan Orlando revise the FY 2024/25-2028/29 TIP to reflect project changes as described below.

Project #447104-1 is a resurfacing project that includes mast arm upgrades, bike lanes, reconstruction of pedestrian curb ramps to meet current ADA standards, filling in gaps in the sidewalk, reconstruction and replacement of medians at certain locations, adding landscaping and other safety improvements, such as narrowing travel lane widths.

Project #454928-1 is a transit project and low and no emission grant received by LYNX. This will require a formal amendment to add to the TIP so that federal funds for the project can be authorized.

Orange County received funding through the PROTECT grant program for a real-time flood forecasting project. Project #456083-1 has been added to the TIP. This will require a formal amendment so that federal funds for the project can be authorized.

Osceola County received funding through the PROTECT grant program for basin studies for resilience. Project #456094-1 has been added to the TIP. This will require a formal amendment so that federal funds for the project can be authorized.

Please use the information below to revise the TIP accordingly:

FM#	Project Description	Project Limits	Length	Phase	Fund Source	Amount	FY
447104-1	SR 500	SR 50 to SR 414 Ramps	6.504 miles	CST	ACNR ACSU SA SU DDR DIH LF Total	\$ 260,446 \$ 4,902,224 \$17,123,138 \$ 2,997,776 \$ 1,724,294 \$ 10,578 <u>\$ 887,374</u> \$27,905,830	2025
454928-1	CFRTA DBA LYNX FY24 FTA Bus and Low- and No-Emission Grant	N/A	N/A	CAP	FTA	\$27,609,656	2025
456083-1	Real-time Flood Forecasting for Orange County- PROTECT Grant	N/A	N/A	PLN	PROD	\$1,000,000	2025
456094-1	Osceola County Basin Studies for Resilience – PROTECT Grant	N/A	N/A	PLN	PROD	\$1,750,000	2025

As always, feel free to contact the Liaison Group at D5-MPOLiaisons@dot.state.fl.us if you would like to discuss further.

Sincerely,

DocuSigned by:

 527E98EFF9A8497...
 Amy Beckmann
 MPO Liaison, FDOT

c: Jonathan Scarfe, FDOT
 FDOT D5 Work Program



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

MetroPlan Orlando
ATTN: Mr. Gary Huttmann, Executive Director
250 South Orange Ave., Suite 200
Orlando, FL 32801

RE: Request to Revise Fiscal Year (FY) 2024/25-2028/29 Transportation Improvement Program (TIP)

Dear Mr. Huttmann:

Florida Department of Transportation requests MetroPlan Orlando revise the FY 2024/25-2028/29 TIP to reflect project changes as described below.

As part of the Moving Florida Forward initiative, projects along the I-4 Corridor continue to be accelerated. As a result, two projects that are priorities for the program are moving forward in production and will require action in the TIP document.

Project #201210-8 from East of US 27 to West of SR 429 will add lanes/capacity to this segment of I-4. Since the project crosses the Polk/Osceola County line and the boundaries of FDOT Districts One and Five, the project is added to the TIP and requires an amendment.

Project #431456-6 from West of SR 429 to East of World Drive will add lanes/capacity to this segment of I-4. The project is added to the TIP and requires an amendment.

Please use the information below to revise the TIP accordingly:

FM#	Project Description	Project Limits	Length	Phase	Fund Source	Amount	FY
201210-8	SR 400 (I-4)	East of US 27 to West of SR 429	4.348 miles	PE	GMR MFF	\$ 4,048,700 <u>\$18,504,259</u> \$22,552,959	2025
				Phase Total			
				RRU	GMR MFF	\$12,000,000 <u>\$3,222,292</u> \$15,222,292	
				Phase Total			
				INC	MFF	\$8,710,646	
				ENV	MFF	\$2,000,000	
431456-6	SR 400 (I-4)	West of SR 429 to East of World Drive	4.637 miles	PE	MFF	\$16,607,926	2025
				RRU	DI	\$200,000	
				INC	MFF	\$3,213,198	
				ENV	MFF	\$200,000	
				DSB	DIH MFF	\$1,000,000 <u>\$139,628,580</u> \$140,628,580	
				Phase Total			
Project Total		\$160,849,704					

As always, feel free to contact the Liaison Group at D5-MPOLiaisons@dot.state.fl.us with any questions you may have.

Sincerely,

Jonathan Scarfe
MPO Liaison Administrator, FDOT

c: Alex Trauger, MetroPlan Orlando
Taylor Laurent, MetroPlan Orlando
Jason Sartorio, MetroPlan Orlando
D5 MPO Liaisons, FDOT
FDOT Corridors Program Office

Amendment to the FY 2024/25 – 2028/29 Transportation Improvement Program

WHEREAS, the Orlando Urbanized Area Metropolitan Planning Organization (MPO), d.b.a MetroPlan Orlando, is the duly designated and constituted body responsible for carrying out the urban transportation planning and programming process for the Orlando Urbanized Area, including the Transportation Improvement Program; and

WHEREAS, the Florida Department of Transportation (FDOT) is requesting to amend the FY 2024/25 – FY 2028/29 Transportation Improvement Program (TIP) in accordance with the MetroPlan Orlando Internal Operating Procedures; and

WHEREAS, the requesting amendments are described as follows:

- FM #447104-1: SR 500 resurfacing from SR 50 to SR 414 – Funding is in FY 2024/25 for CST and consists of \$1,835,579 in SA funds, \$2,997,776 in SU funds, \$376,016 in DDR funds, and \$89,239 in LF funds;
- FM #454928-1: CFRTA (LYNX) FY24 FTA Bus and Low and No Emission Grant – Funding is in FY 2024/25 for CAP and consists of \$27,609,656 in FTA funds;
- FM #456083-1: Real-time Flood Forecasting for Orange Co. – PROTECT Grant – Funding is in FY 2024/25 for PLN and consists of \$1,000,000 in PROD funds;
- FM #456094-1: Osceola Co. Basin Studies for Resilience – PROTECT Grand – Funding is in FY 2024/25 for PLN and consists of \$1,750,000 in PROD funds;
- FM #201210-8: SR 400 (I-4) additional lanes from E of US 27 to W of SR 429 – Funding is in FY 2024/25 and consists of the following: \$4,048,700 in GMR funds and \$18,504,259 in MFF funds for PE; \$12,000,000 in GMR funds and \$3,222,292 in MFF funds for RRU; \$8,710,646 in MFF funds for INC; \$2,000,000 in MFF funds for ENV; \$200,000 in DIH funds and \$190,406,544 in MFF funds for DSB;
- FM #431456-6: SR 400 (I-4) add lanes from W of SR 429 to E of World Drive – Funding is in FY 2024/25 and consists of the following \$16,607,926 in MFF funds for PE; \$200,000 in DI funds for RRU; \$3,213,198 in MFF funds for INC; \$200,000 in MFF funds for ENV; \$1,000,000 in DIH funds and \$139,628,580 in MFF funds for DSB; and

WHEREAS, the requested amendments described above are consistent with MetroPlan Orlando’s project priorities and currently adopted Long Range Transportation Plan.

NOW, THEREFORE, BE IT RESOLVED by the MetroPlan Orlando Board that the Florida Department of Transportation’s amendment to the FY 2024/25 – FY 2028/29 TIP be approved as requested.

CERTIFICATE

The undersigned, duly qualified serving in the role as chairman of the MetroPlan Orlando Board, certifies that the foregoing is a true and correct copy of a Resolution adopted at a legally convened meeting of the MetroPlan Orlando Board.

Commissioner Cheryl Grieb, Chair

**Passed and duly adopted by the MetroPlan Orlando Board at its meeting on:
11th day of December 2024**

ATTEST:

Lisa Smith
Sr. Board Services Coordinator & Recording Secretary

TAB 3



Board Action Fact Sheet

Meeting Date: December 11, 2024

Agenda Item: X.B – Tab 3

Roll Call Vote: Yes

Action Requested:	MetroPlan Orlando Staff requests approval of plan revisions (amendments / modifications) to the 2045 MTP.
Reason:	MetroPlan Orlando staff are proposing these Plan Revisions to update Transportation Improvement Program (TIP) projects in the existing-plus-committed network and other miscellaneous changes based on local agency feedback.
Summary/Key Information:	<p>Requested amendments / modifications will be made to the <i>Cost Feasible Plan: Strategies, Programs</i> documentation of the adopted 2045 Metropolitan Transportation Plan. Items of particular significance for our Committees and the Board are as follows:</p> <ul style="list-style-type: none">• Tables 6, 9, 11, 12, and 13 updated for consistency with the TIP including the requested TIP amendments in October, November, and December 2024.• Tables 15, 16, and 18 revised for consistency with local plans per partner agency requests.
MetroPlan Budget Impact:	None
Local Funding Impact:	None
Committee Action:	CAC: to be determined on 12/4/24 MAC: to be determined on 12/5/24 TSMO: to be determined on 12/6/24 TAC: to be determined on 12/6/24
Staff Recommendation:	Recommends Approval.
Supporting Information:	<p>The following documents are provided at Board Agenda Tab 3:</p> <ol style="list-style-type: none">1) Overview of Proposed Plan Revisions2) Hyperlink to 2045 Cost Feasible Plan with proposed revisions: https://metroplanorlando.gov/wp-content/uploads/2045MTP_CostFeasiblePlan_Adopted-Dec2020_Revised-Dec2024_Draft-for-Public-Review.pdf

2045 Metropolitan Transportation Plan (MTP)

Overview of Proposed Plan Revisions

December 2024



Reason for Revisions:

The Federal Highway Administration (FHWA) and the Florida Department of Transportation (FDOT) have provided guidance relating to the “consistency between planning documents” and the relationship of the MTP to the Transportation Improvement Program (TIP) and FDOT Work Program. Per FHWA guidance, a snapshot of the adopted TIP, including federal and state projects funded in advance of 2026, must be included in the Cost Feasible Plans budget allocation tables.

To proactively maintain compliance with federal and state long range planning requirements, MetroPlan Orlando staff are proposing the following revisions to the 2045 MTP to include projects from the TIP into the existing-plus-committed network. MetroPlan Orlando is also taking this opportunity to address requests received from agency partners.

Revisions to Technical Reports / Documentation:

Revisions to the 2045 MTP include both amendments, which represent more significant changes to the document, and revisions, which represent minor changes to the document. MetroPlan Orlando staff utilize the same process for both revision types, in which they are both presented to the MetroPlan Orlando Advisory Committees for recommendations and the MetroPlan Orlando Board for action. Based on this identical procedure, changes to the 2045 MTP are classified as revisions for this summary of plan revisions.

Requested revisions will be made to the *Cost Feasible Plan: Strategies, Programs, and Projects* documentation of the adopted 2045 Metropolitan Transportation Plan, as follows:

1. Federal and state funded projects in the TIP were added/updated to the Cost Feasible Plan’s budget allocation tables. The TIP projects were included or updated in Table 6, 9, 11, 12, and 13, and are identified by an MTP ID number that begins with “EC”. This includes the proposed TIP Amendments requested in October, November, and December 2024. The update and addition of these TIP projects does not impact existing cost feasible projects.
2. Table 16 (Orange County and Municipality Locally Funded Projects), Table 17 (Seminole County and Municipality Locally Funded Projects), and Table 18 (Osceola County and Municipality Locally Funded Projects) – Addition of projects funded by local agencies for planning consistency, as reported in the local project section of the TIP. The update and addition of these locally funded projects from the TIP does not impact existing cost feasible projects.
3. Minor revisions were also incorporated based upon feedback received from agency partners. A summary of the updates is included below. These revisions do not impact existing cost feasible projects.
 - a. Table 18 (Osceola County and Municipality Locally Funded projects) – Addition of developer funded projects for planning consistency. The revision does not impact existing cost feasible projects.
 - b. Table 15 (Regional Transit projects) – Revisions to remove duplicate project needs which have been incorporated into other/current projects. The revision does not impact existing cost feasible projects.

Hyperlinks to documentation with proposed revisions incorporated:

- 2045 MTP Cost Feasible Plan: https://metroplanorlando.gov/wp-content/uploads/2045MTP_CostFeasiblePlan_Adopted-Dec2020_Revised-Dec2024_Draft-for-Public-Review.pdf

For additional information regarding these Plan Revisions:

Please contact Taylor Laurent, Manager of Transportation Planning at Taylor.Laurent@MetroPlanOrlando.gov

TAB 4





Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

Orange, Osceola, and Seminole Counties

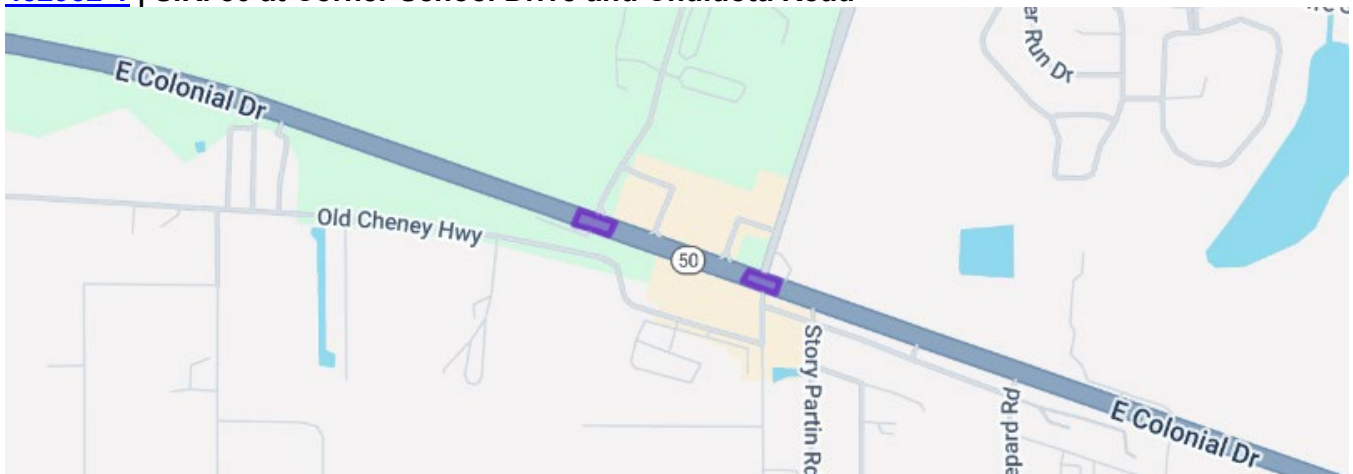
Project Status Update as of November 5, 2024

The following is a brief status update on major FDOT road construction projects in Orange, Osceola, and Seminole counties as of the November 5th cutoff. The next cutoff date is December 5, 2024. Information is also available on www.cflroads.com. For questions, please contact Jonathan Scarfe at 386-943-5791 or via email at D5-MPOLiaisons@dot.state.fl.us.

ORANGE COUNTY

ORANGE COUNTY UPCOMING PROJECTS:

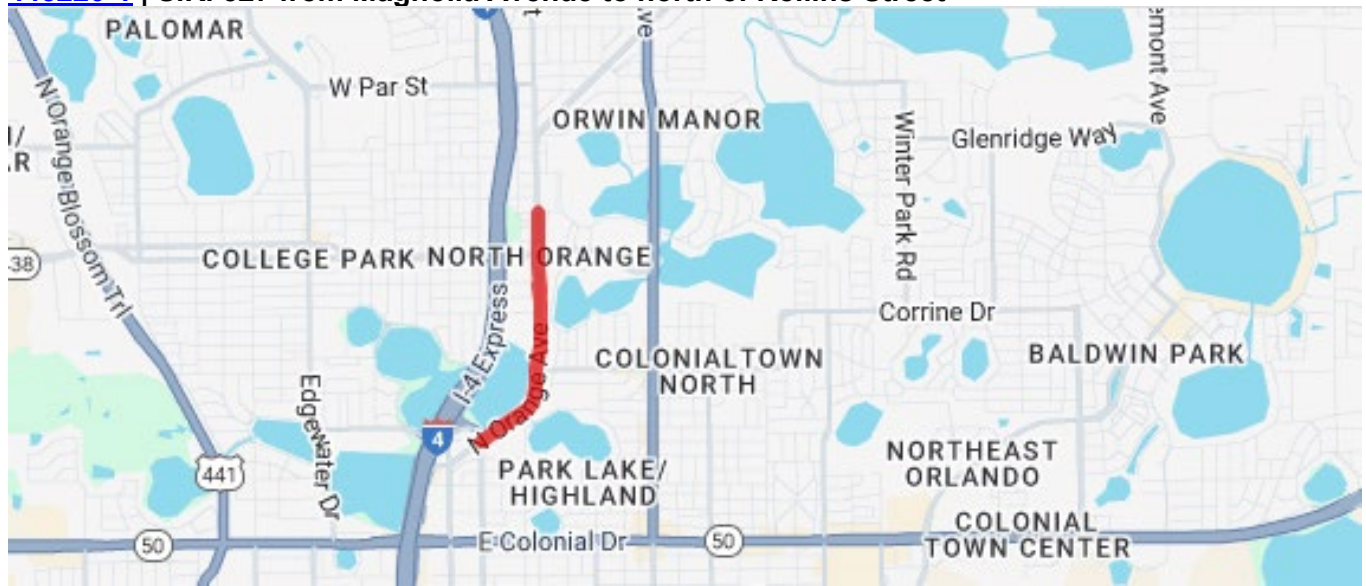
[452932-1](#) | S.R. 50 at Corner School Drive and Chuluota Road



- Contract: E52F4
- Contractor: Garcia Civil Contractors
- Project Cost: \$1.6 Million
- Project Start: December 2024 (potential extension to February 2025)
- Estimated Completion: Spring 2025
- Description: The project incorporates safety improvements at the intersections of Corner School Drive and Chuluota Road with Colonial Drive (State Road (S.R.) 50) in east Orange County. Proposed improvements include installing a new signal at the intersection of Corner School Drive and Colonial Drive and adding new pedestrian signals and crosswalks. At the intersection of Chuluota Road and Colonial Drive, new crosswalks and pedestrian signals will be added to the existing signal. New accessible ramps will be constructed at both intersections and intersection lighting will be included.

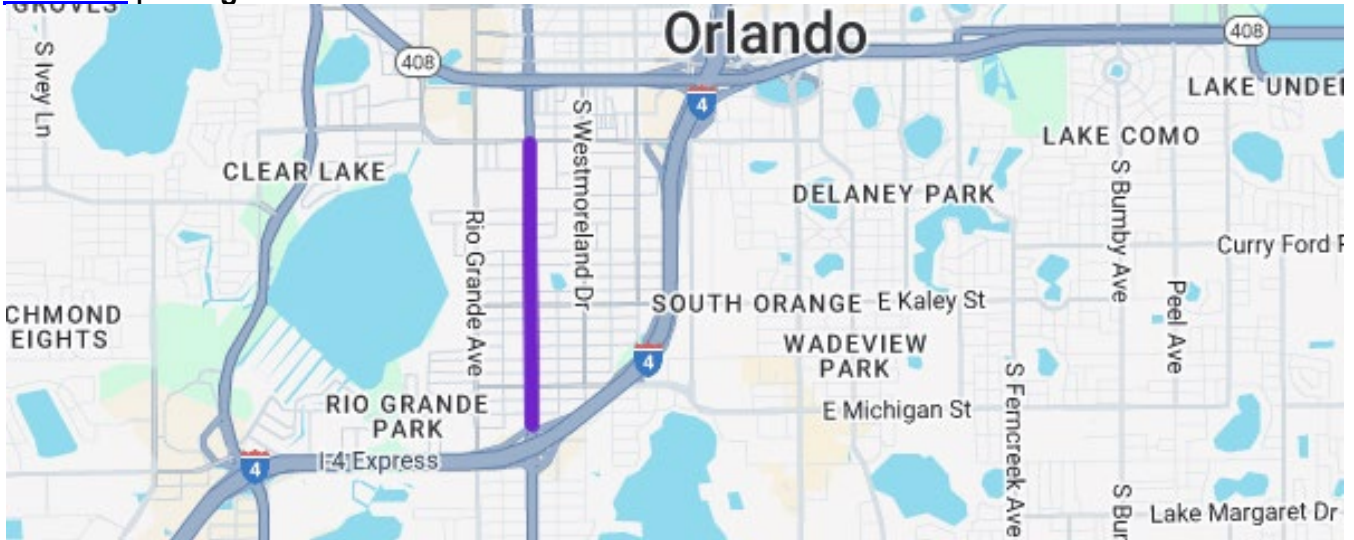
Update: Preconstruction meeting was held 8/7/2024.

[445220-1](#) | S.R. 527 from Magnolia Avenue to north of Rollins Street



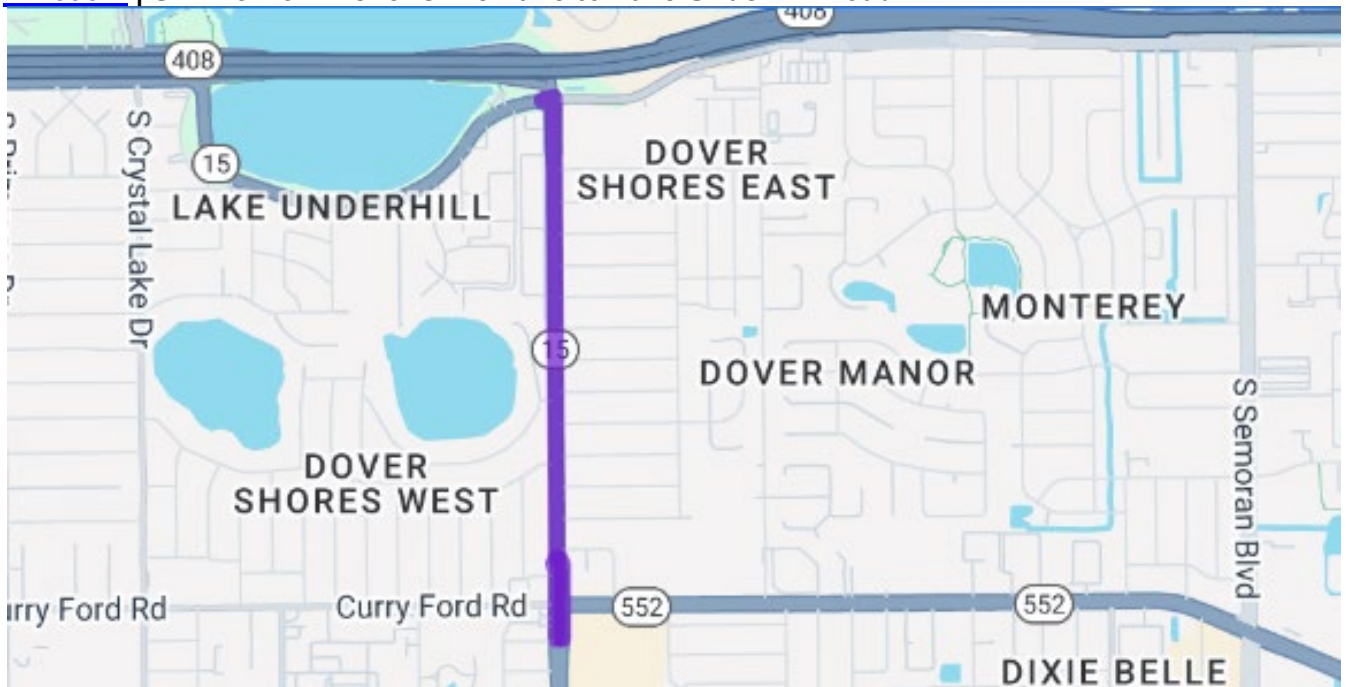
- Contract: E50F4
- Contractor: Ranger Construction Industries, Inc
- Construction Cost: \$4 million
- Project Start: December 2024
- Estimated Completion: Fall 2025
- **Description:** The purpose of the project is to make safety and operational improvements along North Orange Avenue (State Road (S.R.) 527) from Magnolia Avenue to Rollins Street in Orlando. The project plans to reconfigure the roadway to provide a single travel lane in each direction and use the existing outside travel lanes to provide more on-street parking. In some areas, the curb line will be extended, and in other areas floating islands will be built to help define the on-street parking and help to encourage safer driving speeds along the corridor. Pedestrian safety improvements are also planned. Additionally, the roadway will be repaved to extend the service life of the existing roadway. Drainage modifications and upgraded pedestrian curb ramps to comply with current Americans with Disabilities Act (ADA) standards are also planned.

[437575-1](#) | Orange Blossom Trail Phase 2A from 30th Street to Gore Street



- Contract: T5804
- Contractor: Chinchor Electric Inc.
- Construction Cost: \$ 2.3 million
- Project Start: Late Fall 2024
- Estimated Completion: Spring 2025
- **Description:** The purpose of this project is to construct new mast arm signals at Michigan Street. Curb ramps and pedestrian poles will also be upgraded to meet the American Disability Act (ADA) criteria.

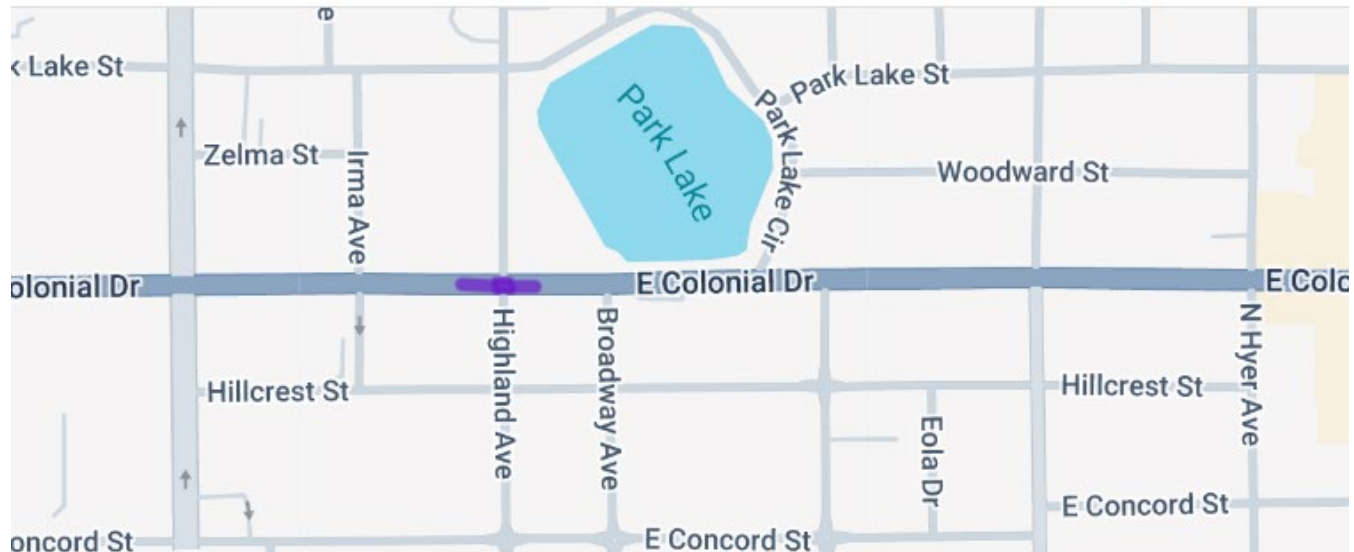
[447090-1](#) | S.R. 15 from Devonshire Lane to Lake Underhill Road



- Contract: E57B8
- Contractor: Ranger Construction Industries, Inc.
- Construction Cost: \$ 4 million

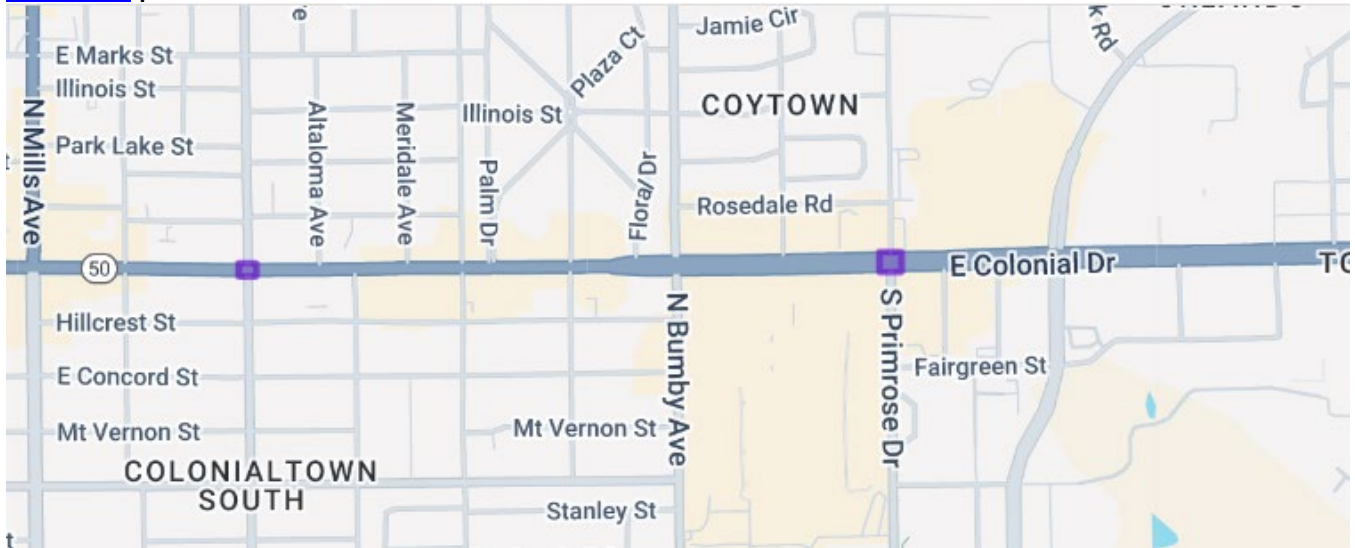
- Project Start: November 2024
- Estimated Completion: Summer 2025
- **Description:** The goal of this project is to provide improvements along Conway Road (State Road (S.R.) 15) from Devonshire Lane to Lake Underhill Road in Orlando. In addition to resurfacing the travel lanes, the project provides some safety enhancements, including a separate bicycle lane and medians in certain locations to help reduce left turn and angle crashes.

447607-1 | S.R. 50 at Highland Avenue



- Contract T5817
- Contractor: Chinchor Electric Inc.
- Construction Cost: \$1.6 million
- Project Start: November 2024
- Estimated Completion: Summer 2025
- **Description:** The project will reconstruct the existing traffic signal at the intersection of East Colonial Drive (State Road 50) and Highland Avenue with upgraded signal poles and signal heads. The project also proposes reconstructing and extending the curb on all four corners to help define the on-street parking and reduce pedestrian crossing distances at the intersection. The curb reconstruction also includes modifications to more easily accommodate large vehicles making turns onto Highland Avenue. Other safety improvements include reconstructing the sidewalk curb ramps in accordance with current Americans with Disabilities Act (ADA) standards, upgrading pedestrian signals, and constructing sidewalk connections to bus pads. Necessary drainage modifications are also planned. Goes with 447717-1.

[447717-1](#) | S.R. 50 at North Fern Creek Avenue and Primrose Drive



- Contract T5817
- Contractor: Chinchor Electric Inc.
- Construction Cost: \$2.8 million
- Project Start: November 2024
- Estimated Completion: Summer 2025
- **Description:** This project will reconstruct the existing traffic signals at the intersections of Colonial Drive (State Road (S.R.) 50) and North Fern Creek Avenue and Colonial Drive at Primrose Drive with upgraded signal poles and signal heads. Pedestrian safety improvements include reconstructing the curbs on all four corners, reconstructing sidewalk curb ramps in accordance with current Americans with Disabilities Act (ADA) standards, upgrading pedestrian signals, and constructing a new bus pad at Primrose Drive. Goes with 447607-1.

[448801-1](#) | Silver Star Road (S.R. 416) from S.R. 438 to U.S. 441

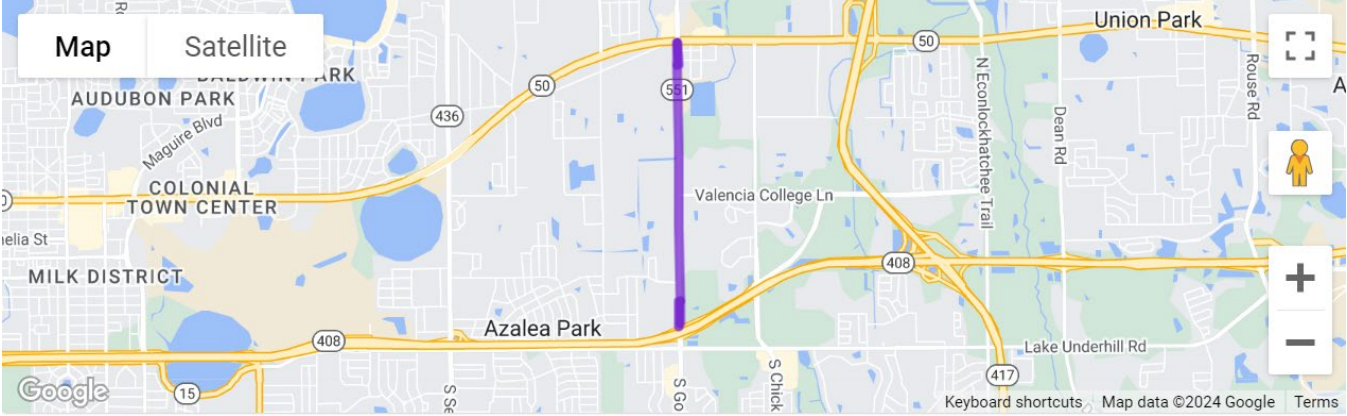


- Contract E53F6
- Contractor: Jr. Davis Construction Co., Inc.
- Construction Cost: \$4.9 million

- Project Start: Early 2025
- Estimated Completion: Fall 2025
- **Description:** This project intends to implement operational and safety improvements along Silver Star Road (State Road (S.R.) 416) from Princeton Street (S.R. 438) to Orange Blossom Trail (U.S. 441). In addition to repaving the roadway, the project will install a raised traffic separator along Silver Star Road east of the John Young Parkway (S.R. 423) intersection, as well as channelizing islands at the Hansrob Road and the Wawa driveway, which will restrict left turns onto Silver Star Road at these locations. Traffic signal and pedestrian signal upgrades at Princeton Street, Eunice Avenue, and Mercy Drive are also proposed. Pedestrian and bicycle safety improvements along the project corridor are also planned. These include constructing a new crosswalk on Silver Star Road near Princeton Street (S.R. 438), filling in sidewalk gaps and improving bicycle connectivity along the paved shoulders where possible, providing bus stops, and reconstructing curb ramps to meet current Americans with Disabilities Act (ADA) standards. Lighting improvements are proposed at the signalized crosswalks at Princeton Street, Eunice Avenue, and Mercy Drive, as well as new signing and pavement marking features.

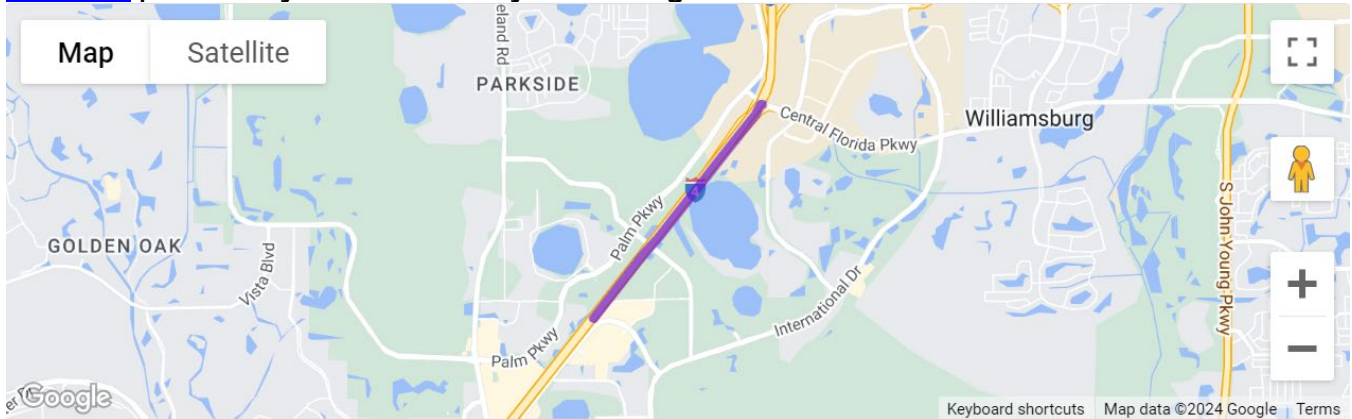
ORANGE COUNTY CURRENT PROJECTS:

437634-1 | S.R. 551 (Goldenrod Road) from S.R. 408 to S.R. 50



- Contract T5718
 - Contractor: Southland Construction, Inc.
 - Construction Cost: \$11.9 million
 - Project Start: August 2021
 - Estimated Completion: Early 2025
 - **Description:** The Florida Department of Transportation (FDOT) is resurfacing and implementing safety improvements on State Road (S.R.) 551 (Goldenrod Road) from S.R. 408 to S.R. 50. Safety improvements include widening the lanes to make room for bike lanes, constructing raised medians, upgrading traffic signals, and lighting and improving drainage.
- Update:** The median has been completed and fully sodded. Additionally, all turn lanes and side streets have been paved, with through lane paving expected to be completed sometime in early November. Lastly, all utility valve caps have been adjusted to final grade in preparation for mainline paving operations.

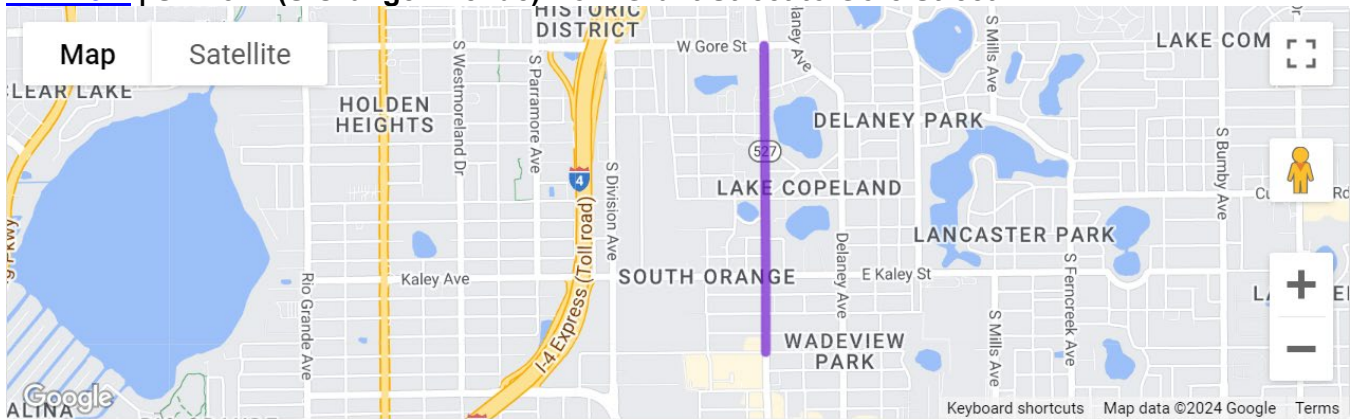
[441113-1](#) | I-4 at Daryl Carter Parkway Interchange



- Contract T5724
- Contractor: Superior Construction Company Southeast, LLC
- Project Cost: \$83 million
- Project Start: Fall 2022
- Estimated Completion: Early 2026
- **Description:** This project will convert the Daryl Carter Parkway overpass, between Central Florida Parkway and State Road 535, into a diverging diamond interchange. The interchange will give motorists an alternate route to reach retailers and restaurants in the Lake Buena Vista area. Three new ramps connecting Interstate 4 (I-4) to Daryl Carter Parkway will be built: exit ramps from both directions of I-4 to Daryl Carter Parkway and an entrance ramp to eastbound I-4. The project includes drainage improvements for Big Sand Lake, project 441113-3.

Update: Crews anticipate completing demolition work on the south side of Daryl Carter Parkway by November. Crews anticipate an overhead sign removal across I-4 in December or January. All underground work on the project, excluding Lake Willis, is projected to be completed by early December. Crews anticipate opening the Central Florida Parkway flyover ramp on Nov. 22. The delay is due to Hurricane Milton.

[441145-1](#) | S.R. 527 (S Orange Avenue) from Grant Street to Gore Street

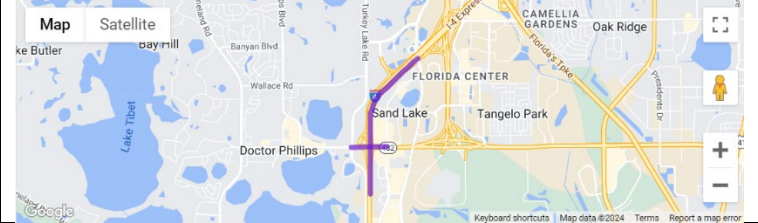
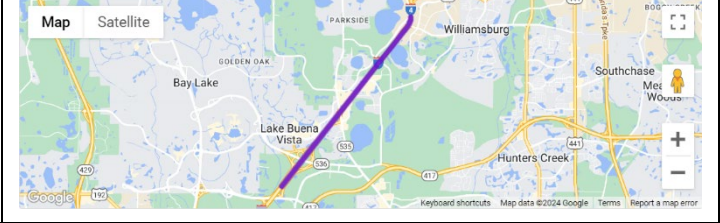


- Contract T5760
- Contractor: Hubbard Construction Company
- Project Cost: \$4.7 million
- Project Start: January 29, 2024
- Estimated Completion: Early Spring 2025

- **Description:** The purpose of this job is to resurface State Road 527 (S. Orange Avenue) from Grant Street to Gore Street. In addition to repaving the roadway, the project plans to extend curb lines in certain areas to better define on-street parking and improve sight lines for traffic turning onto Orange Avenue from side streets. Short, raised traffic separators are also planned within the existing center two-way left turn lane at four locations: south of Lake Beauty Drive, south of Copeland Drive, near Underwood Street and north of Annie Street. Improved crosswalks and new pedestrian lighting are planned, along with decorative sidewalk & crosswalk features in conjunction with the Pulse Memorial.

Update: The contractor is continuing work at Kaley and Pennsylvania avenues with curb and gutter and colored sidewalk installation. The fire station’s front driveway work was completed and is reopened. The City of Orlando wants to discuss implementing Phase 3A, which would detour traffic off Delaney Avenue between East Kaley Street and West Grant Street. This will be in place for several months, including the time when the side streets will be milled and resurfaced later in the project.

444315-1 & 444315-3 | I-4 at Sand Lake Road Interchange

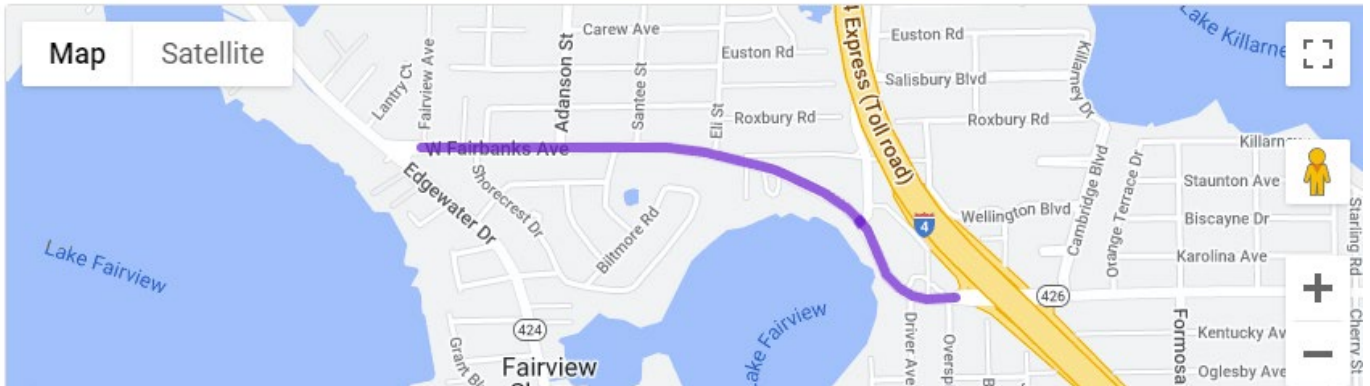
444315-1	444315-3
	
<p>This project will convert the Sand Lake Road and I-4 interchange into a diverging diamond interchange. The Diverging Diamond Interchange (DDI) is a type of interchange in which the two directions of traffic at an interchange cross to the opposite side of the road on both sides of the bridge. A DDI eliminates several traffic conflict points by moving drivers to the side of the road where they can turn left without having to cross in front of oncoming traffic. These improvements will help to accommodate future projected traffic demand and improve driver safety and efficiency.</p> <p>For the most up-to-date information and status on this project log onto https://i4beyond.com/project-designs/sand-lake-road-interchange-improvements/</p> <p>Click on the link to learn more about using a Diverging Diamond Interchange: Diverging Diamond Interchange (DDI) Video.</p>	<p>The project will construct a single buffer separated express lane on I-4 in the westbound direction from west of State Road (S.R.) 528 to west of Central Florida Parkway. The project will also add the final striping, friction course and tubular markers for the full length of the single buffer express lane on I-4 in the westbound direction from west of S.R. 528 to west of S.R. 536</p> <p>For the most up-to-date information and status on this project log onto https://i4beyond.com/project-designs/sand-lake-road-interchange-improvements/</p>

- Contract E59A6
- Contractor: Lane Construction Corp.
- Project Cost: \$218 million
- Project Start: Summer 2023
- Estimated Completion: Spring 2027

Update: Crews installed a low-profile temporary concrete barrier wall in the median along Turkey Lake Road at Phillips Crossing that will be in place for three months. Crews will install permanent

drainage throughout the project area and grade sod around the retention ponds. Crews will begin guardrail work on the new I-4 Express Lanes that will run through the project area.

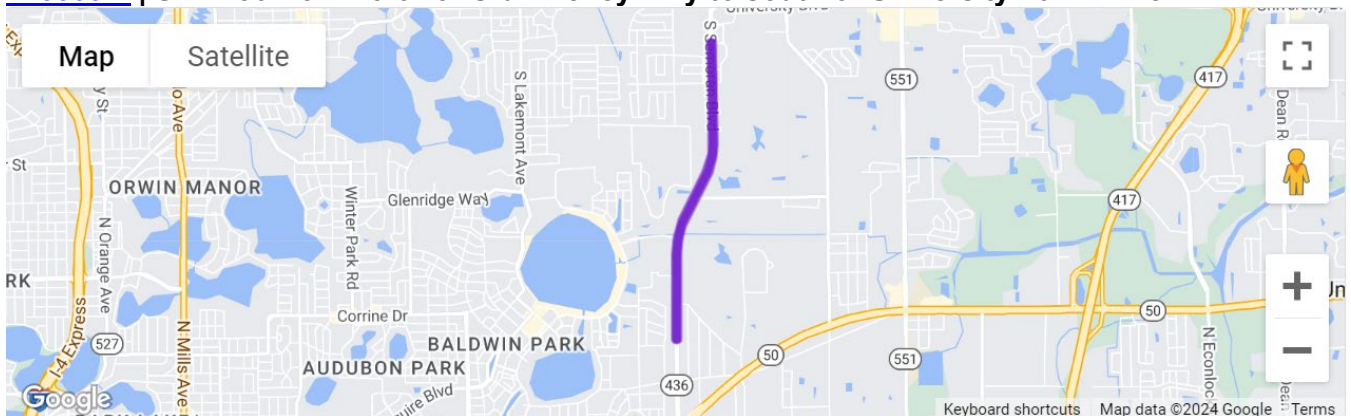
445211-1 | S.R. 426 from east of S.R. 424 (Edgewater Drive) to west of I-4



- Contract: E56B6
- Contractor: Ranger Construction Industries, Inc.
- Construction Cost: \$2.4 million
- Project Start: March 2024
- Estimated Completion: Fall 2024
- **Description:** This project plans to repave this segment of Fairbanks Avenue (State Road (S.R.) 426) from east of Edgewater Drive (S.R. 424) to west of Interstate 4 (I-4) to extend the life of the existing roadway. Pedestrian safety improvements are also planned, including upgrading pedestrian crosswalks, reconstructing sidewalk curb ramps and pedestrian signals, and adding new sidewalk at the intersection with Wymore Road. Other work includes traffic signal upgrades and necessary drainage modifications. Fairbanks Avenue within the project limits provides two travel lanes in each direction with a center, two-way left turn lane along most of the corridor. No changes to the lane configuration are planned.

Update: Post-hurricane repairs have been completed. Signal loop work is ongoing, but power services for the new pedestrian crossing are still pending and expected for mid-November.

445303-1 | S.R. 436 from north of Old Cheney Hwy to south of University Park Drive

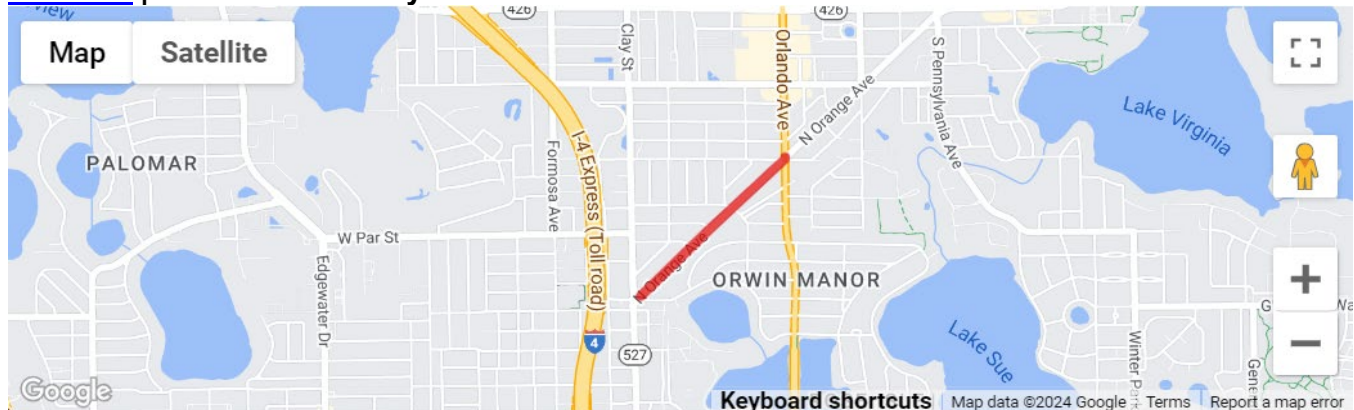


- Contract E57B5
- Contractor: Ranger Construction Industries, Inc.
- Construction Cost: \$11 million
- Project Start: November 2023
- Estimated Completion: Spring 2025

- **Description:** This project plans to construct improvements along State Road (S.R.) 436, from north of Old Cheney Highway to north of University Park Drive in Orlando. This project will repave the roadway and implement strategies to increase safety for all users along the project corridor. Safety improvements include speed management enhancements such as lane width reduction, a barrier curb, right turn lane elimination, driveway modifications, and traffic-calming landscaping. The project will also focus on cyclist safety with separate and designated bicycle facilities and particular emphasis on pavement markings. A midblock crossing with a Pedestrian Hybrid Beacon (PHB) will also be installed at University Park Drive.

Update: Bike lane paving is nearly complete, with only a small segment on the southwest side of the corridor remaining. Signal work, pedestrian pole installation, and southbound ditch sodding are still pending.

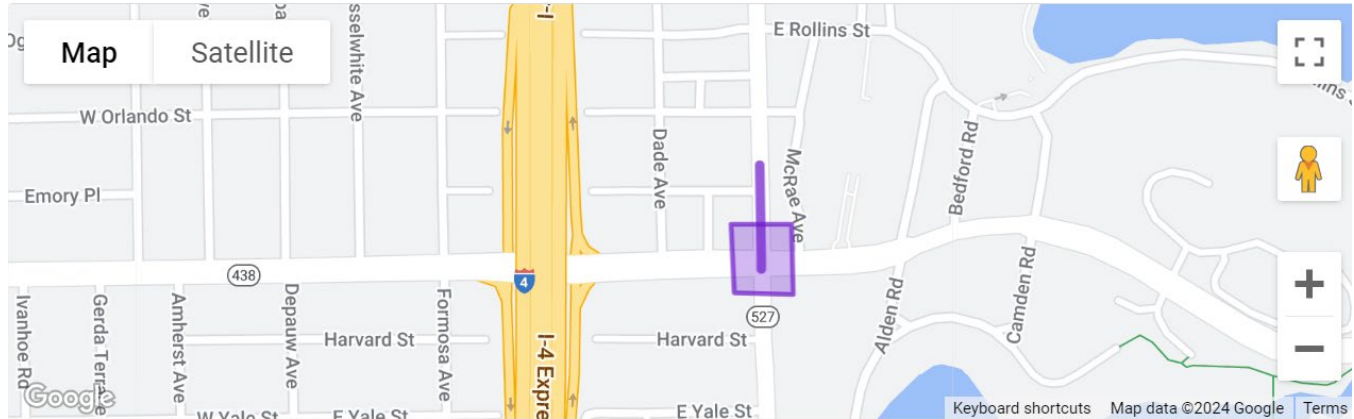
[445691-1](#) | S.R. 527 From Clay Avenue to S Orlando Avenue



- Contract T5814
- Contractor: Atlantic Civil Constructors Corp.
- Project Cost: \$3.7 million
- Project Start: June 2, 2024
- Estimated Completion: Early 2025
- **Description:** This project aims to provide crash reduction countermeasures and increase safety for drivers and pedestrians alike at the North Orange Avenue (State Road (S.R.) 527) intersections of Clay Avenue and Harmon Avenue. This safety project also includes pavement widening, milling, and resurfacing; construction of new sidewalks and bus pads; construction of a raised crosswalk; construction of new drainage structures; replacement of signs and pavement markings; signalization improvements; construction of new mast arms; tree removal; pruning of trees and branches; inclusion of new lighting structures; and utility relocation along North Orange Avenue (S.R. 527) from Clay Avenue to South Orlando Avenue (U.S. 17/92). This project is located within the City of Orlando, just north of the City of Orlando's downtown core and within the Orlando Urban Area boundary.

Update: The contractor has completed paving and is continuing joint cleaning and sealing, permanent sign installation, maintenance of the area, and pull box installation and mast arm wiring and conduits.

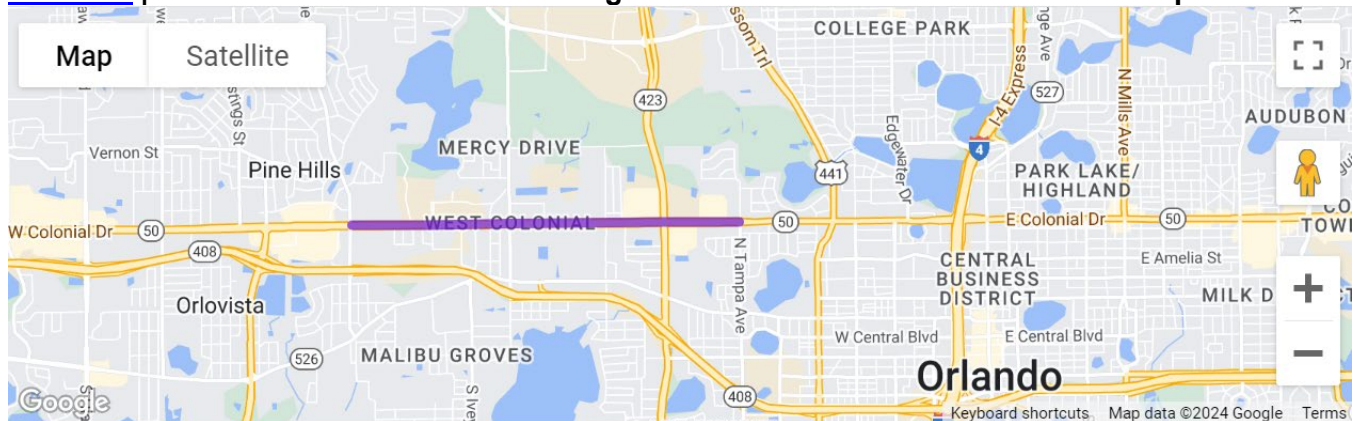
[445692-1](#) | S.R. 527 (Orange Avenue) Milling & Resurfacing at S.R. 438 (Princeton Street) Intersection



- Contract T5778
- Contractor: Chinchor Electric, Inc.
- Project Cost: \$1.6 million
- Project Start January 2024
- Estimated Completion: Fall 2024
- **Description:** The purpose of this project is to improve the intersection of Orange Avenue (State Road (S.R.) 527) at Princeton Street (S.R. 438) in Orlando. The improvement will reconstruct the traffic signals with new signal poles and upgrade pedestrian features at the intersection. A new traffic separator will also be added along Orange Avenue north of Princeton Street between the southbound left turn lane and northbound lanes.

Update: Utility work has been completed. The contractor is working on programming audible pedestrian pole bases; walkthrough was scheduled for 10/03/24.

[445694-1](#) | Colonial Drive/Martin Luther King Boulevard from Pine Hills Road to Tampa Avenue

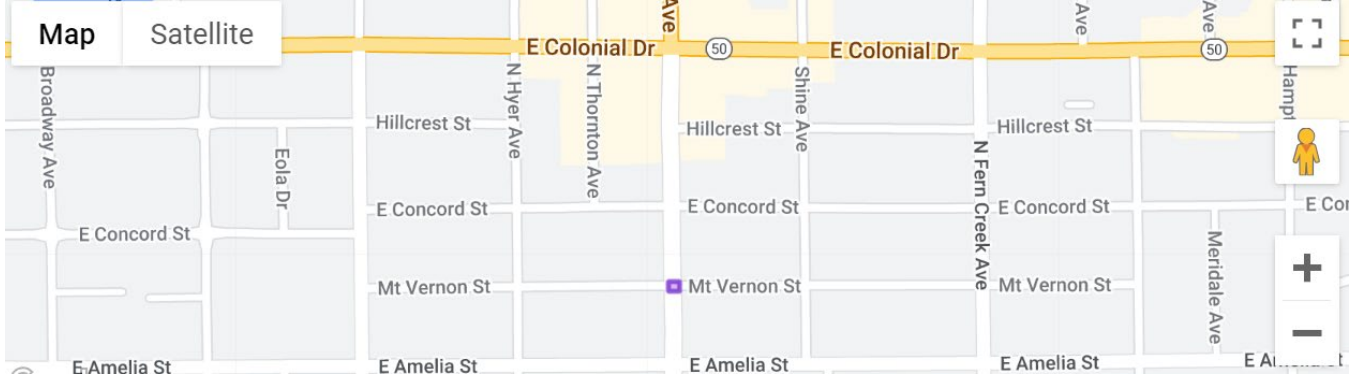


- Contract T5798
- Contractor: Watson Civil Construction, Inc.
- Project Cost: \$15 million
- Project Start: April 25, 2024
- Estimated Completion: Fall 2025
- **Description:** This Florida Department of Transportation (FDOT) project is intended to enhance safety and operations along the corridor of Colonial Drive (State Road (S.R.) 50) between Pine Hills Road and Tampa Avenue. The project will improve crosswalk conditions and install new

signal improvements. Additionally, the project will modify several existing median openings along the corridor to improve safety and operations.

Update: The contractor is continuing installation of 6" water main, road work and earthwork, and drill shaft cleanup.

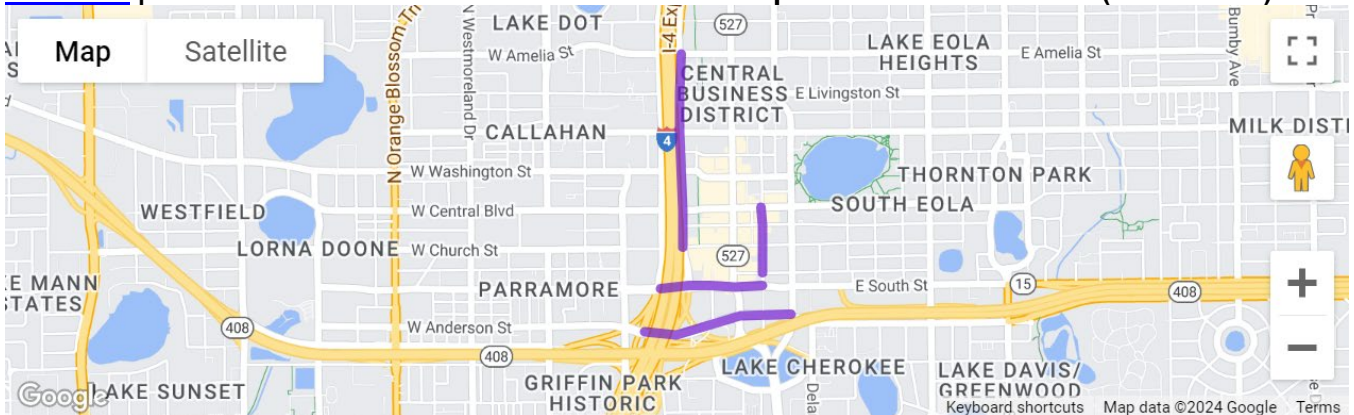
[446568-1](#) | S.R. 15 and Mount Vernon Signal Upgrade



- Contract: E50F1
- Contractor: Traffic Engineering and Management, LLC
- Project Cost: \$1.1 Million
- Project Start: Fall 2024
- Estimated Completion: Early 2025
- **Description:** The purpose of the project is to reconstruct the existing traffic signal at the intersection of State Road (S.R.) 15 and Mount Vernon Street. Proposed improvements include the replacement of the existing diagonal span signal with two dual mast arm signal poles.

Update: Work began 9/23/2024. Contractor is working on drill shafts.

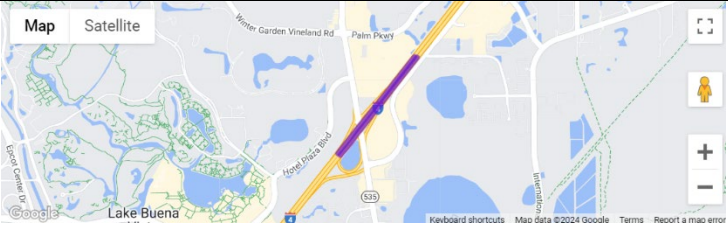
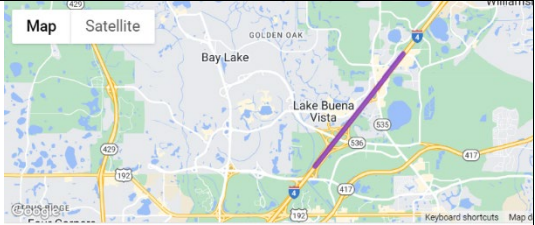
[447807-1](#) | Smart Orlando Downtown Advance Traffic Operations Performance (SODA TOP)



- Contract E59A5
- Contractor: Sice, Inc.
- Project Cost: \$974,000
- Project Start: June 2022
- Estimated Completion: TBD, mid-late 2024
- **Description:** This is a design-build Intelligent Transportation Systems (ITS) project to install hardware and software to provide Transit Signal Priority (TSP) operation for signalized intersections and LYNX Buses in Orange County.

Update: South Street reconfiguration is awaiting confirmation from the city for completion; it is open to the public.

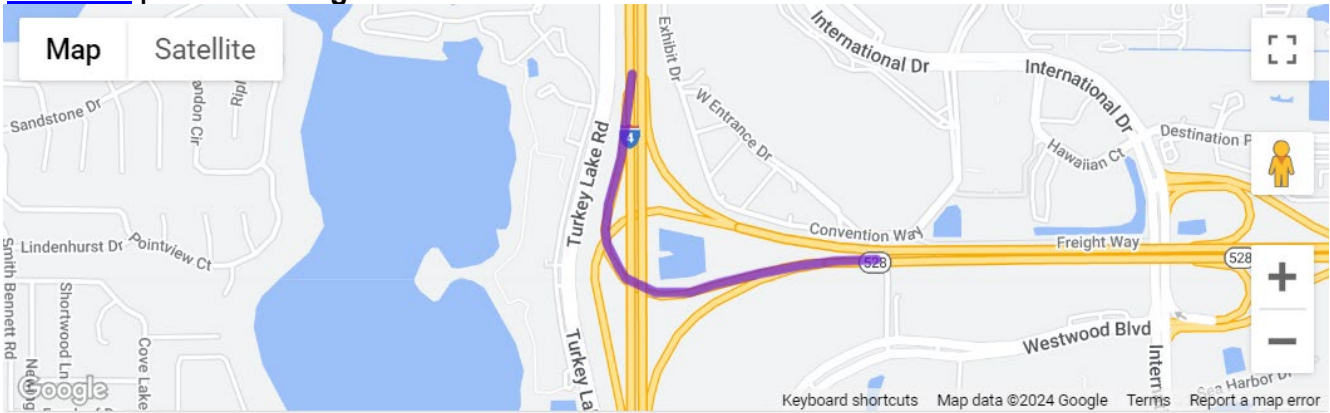
448914-1 & 449771-1 | I-4 at S.R. 535 Interchange Improvements

448914-1	449771-1
	
<p>This project will partially reconstruct the Interstate 4 (I-4) and Apopka-Vineland Road (State Road (S.R.) 535) interchange to enhance safety and improve access to and from westbound I4.</p> <p>Planned improvements include:</p> <ul style="list-style-type: none"> • Constructing a new loop ramp from northbound Apopka-Vineland Road to westbound I4. The ramp will enhance safety and mobility by eliminating the need for motorists to turn left across traffic. • Realigning the westbound I4 entrance ramp from southbound Apopka-Vineland Road, improving traffic flow and giving motorists more time to merge onto I4. • Lengthening the westbound I4 exit ramp to Apopka-Vineland Road to reduce backups onto the I4 mainline. • Milling and resurfacing Apopka-Vineland Road and extending storage for left- and right-turn lanes. <p>This project will be constructed in conjunction with FPID 449771-1.</p> <p>Please visit to www.i4beyond.com/project-designs/interim-improvements-to-i-4-and-county-road-c-r-532-in-osceola-county/</p>	<p>This project will add a single, buffer-separated, westbound managed lane to Interstate 4 (I-4) from west of State Road (S.R.) 536 to west of Daryl Carter Parkway. The complete managed lane will be built in three separate projects extending from west of S.R. 536 to west of Sand Lake Road (S.R. 482). The single, buffer-separated express lane will be open once all three segments are completed.</p> <p>This project will be constructed in conjunction with FPID 448914-1.</p> <p>To learn more, please visit to www.i4beyond.com/public-meeting/i4-at-apopka-vineland-road-s-r-535-interchange-public-meeting/.</p>

- Contract E55B8
- Contractor: Lane Construction Corp.
- Project Cost: \$102 million
- Project Start: Fall 2023
- Estimated Completion: Summer 2026

Update: Project No. 444329-1 has added new eastbound and westbound I-4 auxiliary lanes, one in each direction, between the ramps of S.R. 429 and C.R. 532, as well as an auxiliary lane on northbound S.R. 429 between I-4 and Sinclair Road. Project No. 443958-1 has resurfaced I-4 from the Polk/Osceola County line to the west of S.R. 417.

[448915-1](#) | I-4 Interchange at S.R. 528

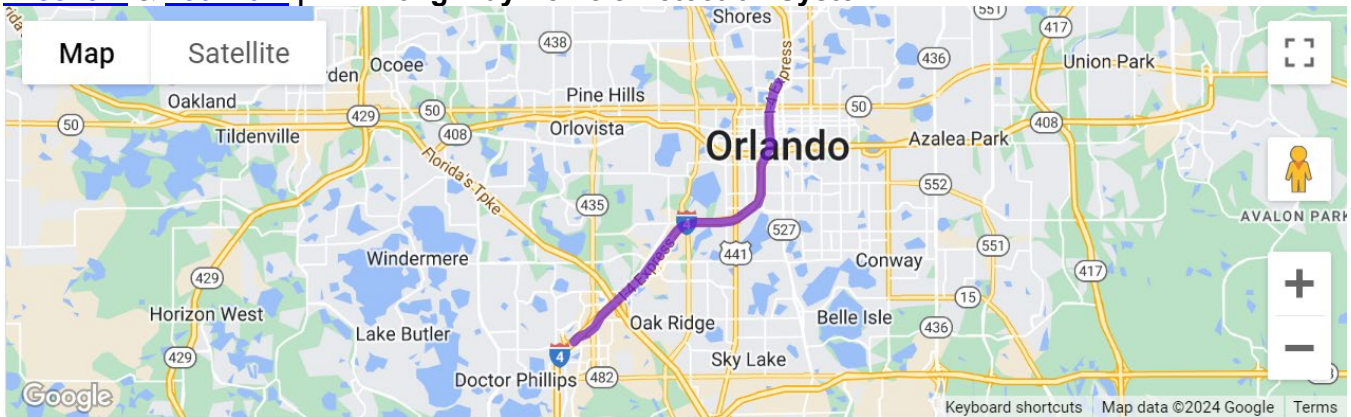


- Contract E58B1
- Contractor: Adaptive Consulting Engineers
- Project Cost: \$20 million
- Project Start: January 2024
- Estimated Completion: Early 2026
- **Description:** The purpose of this project is to add capacity to the I-4 westbound on-ramp to eastbound State Road 528 (the Beachline Expressway) by widening the ramp from one to two lanes.

Update: Bridge demolition is anticipated to be finished by November. Crews anticipate lane closures on the eastbound I-4 ramp to eastbound S.R. 528 for widening work on Nov. 10.

ORANGE COUNTY RECENTLY COMPLETED PROJECTS:

[448520-1](#) & [450770-1](#) | I-4 Wrong Way Vehicle Detection System



- Contract E56B7
- Contractor: Sice, Inc.
- Project Cost: \$3.5 million
- Project Start: August 2023
- Estimated Completion: Fall 2024
- Description: The purpose of this project is to install wrong way vehicle detection systems (WWVDS) on interstate off-ramps to notify drivers, traffic emergency responders, and law enforcement of a wrong way driving activity. This goal of this project is to enhance safety for the travelling public by deterring and minimizing accidents due to wrong way driving. This technology will be implemented at 16 ramps on I-4 from SR 435/Kirkman Road to Ivanhoe Blvd. The WWVDS initiative supports the FDOT's commitment to achieving zero fatalities and serious

injuries on the State Highway System. For more information on the WWVDS initiative and technology visit <https://www.fdot.gov/traffic/teo-divisions.shtm/cav-ml-stamp/Wrong-Way-driving>
Update: Project received final acceptance on 08/19/2024.

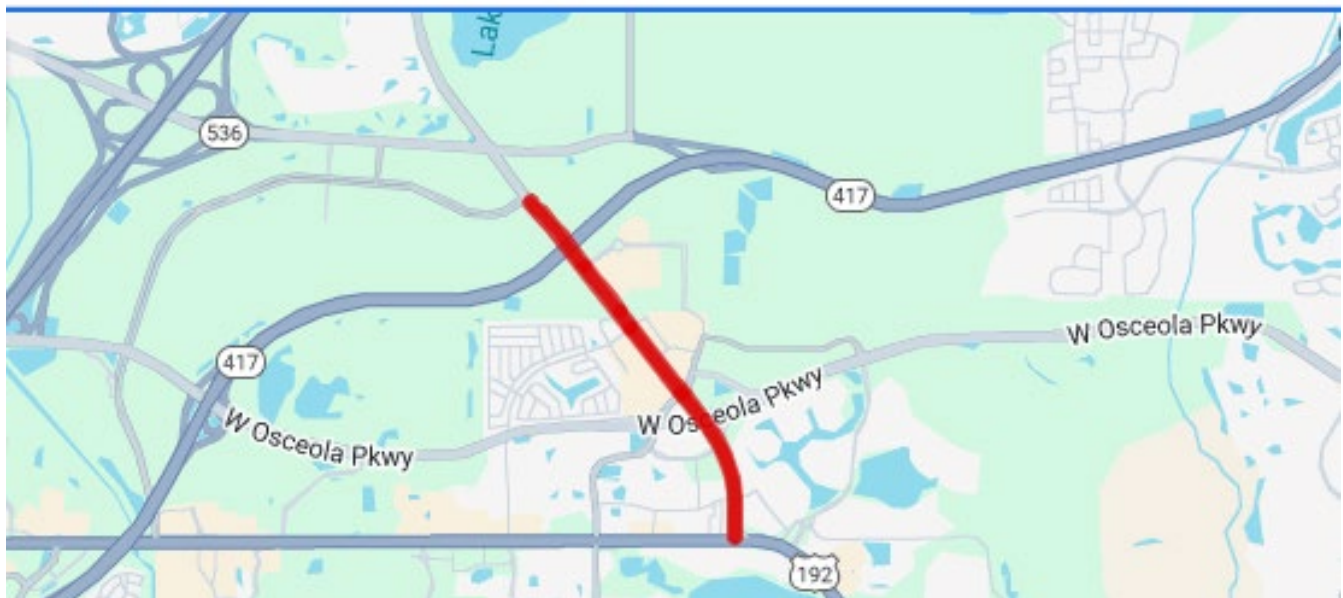
OSCEOLA COUNTY

OSCEOLA COUNTY UPCOMING PROJECTS:

None to report.

OSCEOLA COUNTY CURRENT PROJECTS:

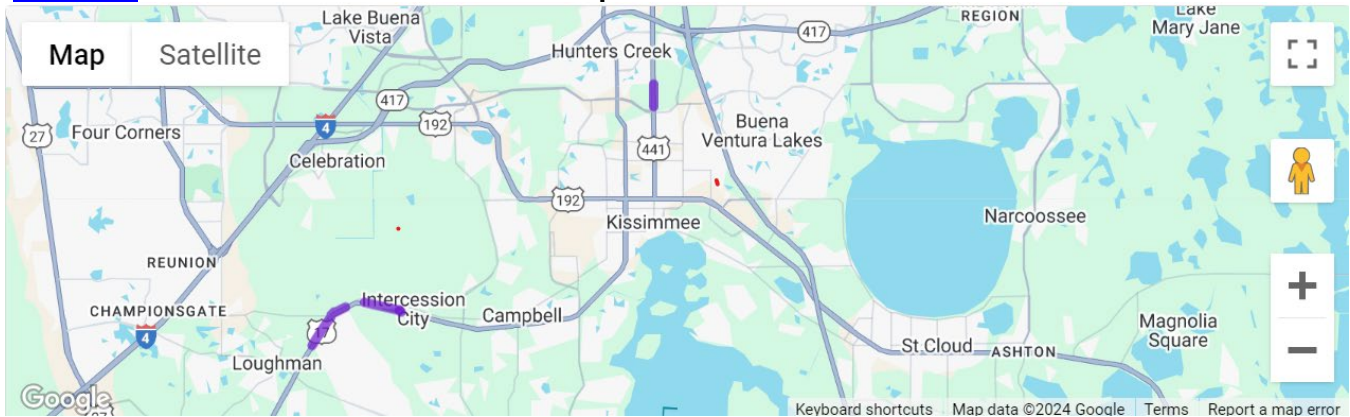
[445299-1](#) | S.R. 535 from north of U.S. 192 to south of International Drive



- Contract: T5823
- Contractor: Middlesex Corporation (The)
- Construction Cost: \$ 11.9 million
- Project Start: Winter 2024
- Estimated Completion: Fall 2025
- **Description:** This project intends to resurface State Road (S.R.) 535 from north of U.S. 192 to south of International Drive and implement operational and safety improvements along the corridor. The intersection at Poinciana Boulevard will also be modified to allow traffic on S.R. 535 to turn right or go straight through the intersection. S.R. 535 traffic desiring to turn left onto the side street would go through the intersection, make a U-turn and then turn right onto the side street. Traffic from the side streets can go straight through the intersection or turn right or left onto S.R. 535. Other safety improvements such as curb reconstruction to shorten pedestrian crossing distances, and turn lane and traffic signal upgrades, are planned at Kyngs Heath Road, Osceola Parkway eastbound on-ramp, Poinciana Boulevard and LBV Factory Stores Drive. The project will add a third left turn lane from southbound S.R. 535 onto eastbound U.S. 192. Pedestrian crosswalks and upgrade pedestrian signals, as well as enhance lighting at signalized intersections, are also planned.

Update: Work began 10/21/24.

[452229-5 SWRS - Districtwide Rumble Stripes Bundle 5E - Osceola](#)



- Contract: T5828
- Contractor: AKCA, LLC
- Project Cost: \$562 thousand
- Project Start: Fall 2024
- Estimated Completion: Fall 2024
- **Description:** The purpose of this project is to enhance safety along select segments of state roadways in Osceola County by installing rumble striping along the center and outside travel lane lines. The rumble stripes help to alert drivers if the vehicle moves outside the travel lane by creating vibration and noise. The roadways to be included will have speed limits of 50 mph or greater with flush shoulders and which do not already have auditory or vibratory pavement markings. Roadways to be included are:
 - S.R. 60 from the Kissimmee River to the Indian River County line (2 segments)
 - U.S. 441:
 - Okeechobee County line to south of S.R. 60
 - north of 10 Mile Road to south of U.S. 192
 - north of Osceola Parkway to the Orange County line
 - U.S. 17-92:
 - Sundown Drive to west of Wonder Court
 - west of Business Center Lane to east of Universal Drive
 - U.S. 192:
 - east of Reedy Creek Boulevard to west of I-4
 - west of Secret Lake Drive to east of Black Lake Road
 - 462-foot-long section west of Digital Drive
 - at Valencia College entrance
 - west of Neo City Way to west of Parkland Circle
 - west of Heritage Key Boulevard to east of Simpson Road (three sections)
 - Orange Avenue to east of Hickory Tree Road (three sections)
 - near the intersections of Tay West Drive, Puffin Road, Nora Tyson Road and Live Oak Lake Road
 - 845-foot-long section east of C.R. 532
 - west of Barbara Drive to east of Jenscot Road
 - S.R. 535 from south of Calypso Cay Way to the Orange County line (two sections)

Update: Rumble striping is continuing.

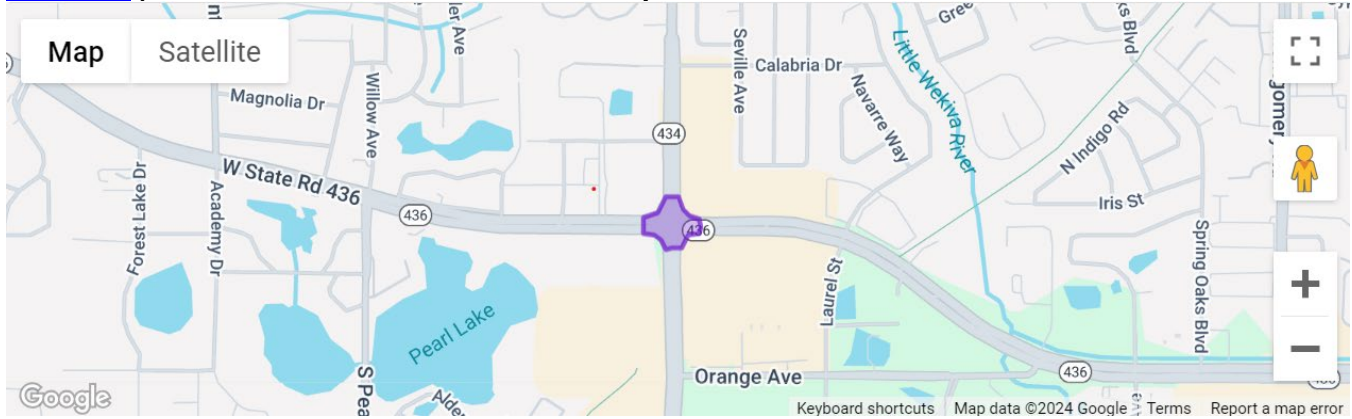
OSCEOLA COUNTY RECENTLY COMPLETED PROJECTS:

None to report.

Seminole County

SEMINOLE COUNTY UPCOMING PROJECTS:

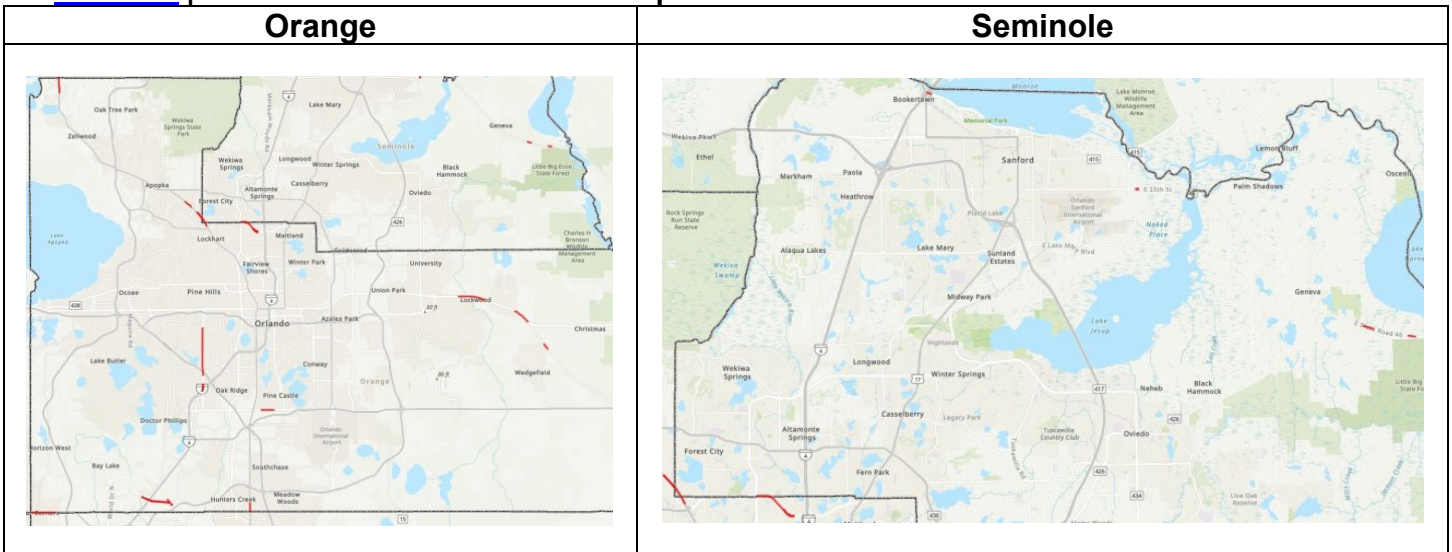
447411-1 | S.R. 436 at S.R. 434 Intersection Improvement



- Contract: E51F5
- Contractor: Alexander Design + Build, LLC
- Project Cost: \$2.7 Million
- Project Start: November 2024 (potential extension to January 2025)
- Estimated Completion: Spring 2025
- Description: The purpose of the project is to construct operational and safety improvements at the intersection of State Road (S.R.) 436 and S.R. 434. This project plans to reconstruct and upgrade the existing traffic signal, including new mast arm signal poles. The project also proposes removing the free flow right turn lanes and bringing all turning movements under signal control. Pedestrian crosswalk and signal upgrades, as well as turn lane widening are included.

Update: Preconstruction meeting was held 8/20/2024.

452229-1 | SWRS - Districtwide Rumble Stripes Bundle 5A



- Contract: T5826

- Contractor: Oglesby Construction Inc.
- Project Cost: \$2.5 Million
- Project Start: November 2024
- Estimated Completion: Summer 2025
- Description: The purpose of this project is to enhance safety along select segments of state roadways in Brevard, Orange, and Seminole counties by installing rumble striping along the center and outside travel lane lines. The rumble stripes help to alert drivers if the vehicle moves outside the travel lane by creating vibration and noise. The roadways to be included will have speed limits of 50 mph or greater with flush shoulders, and which do not already have auditory or vibratory pavement markings. Roadways included are:
 - **Orange County**
 - U.S. 441:
 - from south of Ponkan Road to S.R. 429
 - from south of Northcrest Drive to north of Hiawassee Road
 - from south of Hiawassee Road to north of S.R. 414
 - S.R. 435:
 - from Vineland Road to S. of S.R. 526
 - S.R. 436:
 - from Lake Howell Lane to south of Cassell Creek Boulevard
 - S.R. 482:
 - west of Horizon Park Drive to west of Sunport Drive
 - portion of ramp from Jetport Drive to eastbound S.R. 528
 - S.R. 419:
 - from south of Osprey Trail to west of Wade Street
 - S.R. 50:
 - west of Tanner Road to west of Chuluota Road
 - west of 9th Street to west of Lansing Street
 - **Seminole County**
 - U.S. 441:
 - S.R. 414 from S.R. 434 to west of I-4
 - Mary Louis Lane to Cypress Crossing Drive
 - S.R. 429:
 - three locations between Wekiva River Road and east of S.R. 46
 - S.R. 46:
 - 620-foot section west of Richmond Street
 - east of Bay Blossom Run to east of Jungle Road
 - west of Rest Haven Road to west of the Jolly Gator Fish Camp

Update: Preconstruction meeting was held 7/31/2024.

SEMINOLE COUNTY CURRENT PROJECTS:

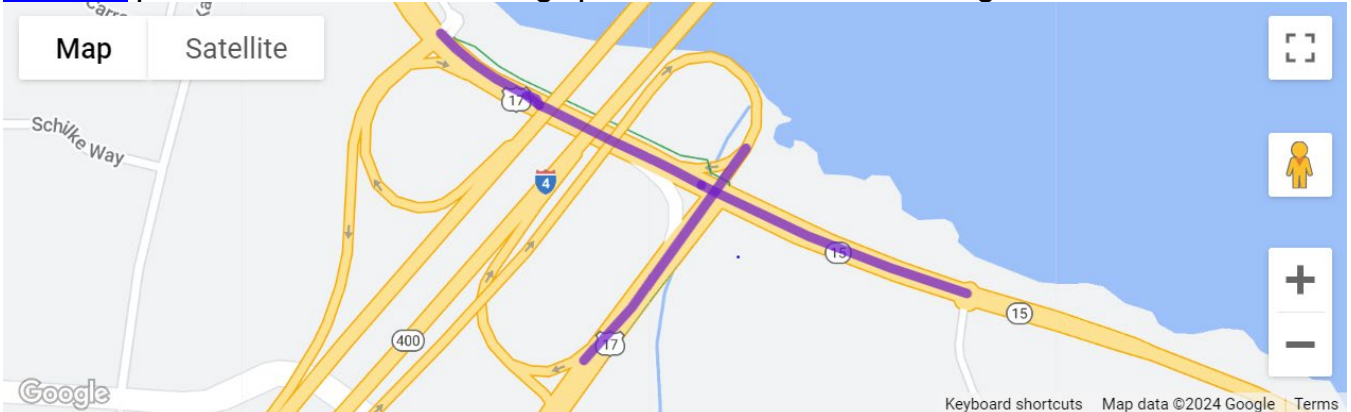
242592-6 | County Road 46A and Rinehart Road Intersection



- Contract: E57B3
- Contractor: Atlantic Civil Constructors Corporation.
- Construction Cost: \$9.8 Million
- Project Start: October 2023
- Estimated Completion: Summer 2025
- **Description:** The purpose of the County Road (C.R.) 46A (H.E. Thomas Parkway) and Rinehart Road intersection improvement project is to increase traffic efficiency while reducing congestion onto the Interstate 4 (I-4) and C.R. 46A interchange. The proposed enhancements will increase capacity at the intersection by modifying select existing turn lanes and adding new turn lanes. Construction began in the fall of 2023 and is anticipated to reach completion in 2025. For the most up-to-date project information, please visit: [C.R. 46A and Rinehart Road intersection project.](#)

Update: The contractor will be working on paving, curb and gutter work, signal wire installation, as well as sidewalk construction. The sidewalk construction is anticipated to be completed in late November. Outside widening on northbound and southbound Rinehart Road and outside widening on eastbound and westbound C.R. 46A continues.

242592-8 | I-4 and U.S. 17-92 Interchange | I-4 and U.S. 17-92 Interchange

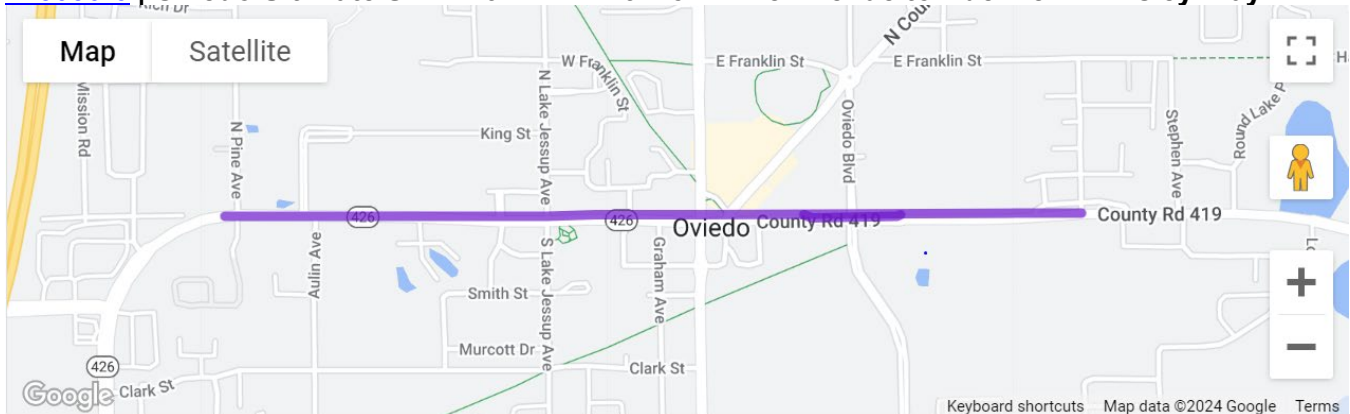


- Contract: T5795
- Contractor: Hubbard Construction Company
- Construction Cost: \$8.3 Million
- Project Start: October 2023

- Estimated Completion: Fall 2024
- **Description:** The purpose of this project is to improve safety, mobility and enhance operations at the Interstate 4 (I-4) and U.S. 17-92 interchange. Improvements include adding an additional right turn lane at the I-4 off-ramps and replacing the existing signalization at both I-4 ramp intersections with U.S.-17-92 with new mast arms. Construction started in the fall of 2023 and is expected to be completed by late 2024. For the most up-to-date project information, please visit: [I-4 and U.S. 17-92 interchange project](#).

Update: The contractor will be working on signalization installation and erosion control and maintenance. Milling and resurfacing was delayed due to Hurricane Milton. To conduct milling and resurfacing, crews anticipate closing the eastbound I-4 exit ramp to U.S. 17-92 on Oct. 28. On Oct. 29, crews anticipate closing the westbound entrance and exit ramps for U.S. 17-92. On Oct. 27 and 29, crews anticipate fully closing eastbound Seminole Boulevard and on Oct. 28, crews anticipate fully closing westbound Seminole Boulevard.

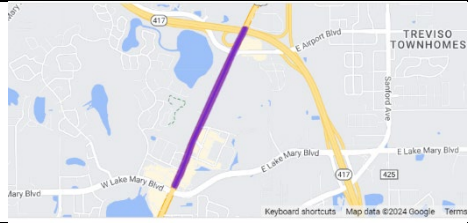
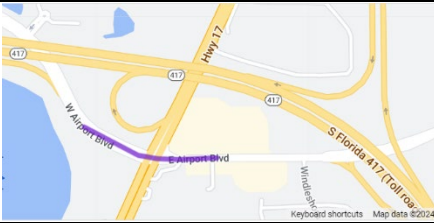
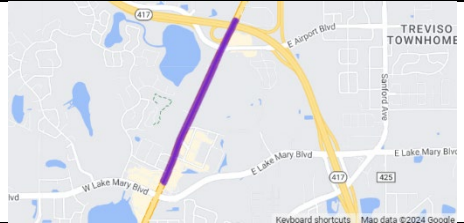
[415030-6](#) | Oviedo Ultimate S.R. 426 / C.R. 419 from Pine Avenue to Adeline B. Tinsley Way



- Contract: T5736
- Contractor: Masci General Contractor, Inc.
- Construction Cost: \$21 million
- Project Start: January 2022
- Estimated Completion: Fall 2024
- **Description:** The proposed improvements to State Road 426/County Road 419 begin at Pine Avenue and extend east to Adeline B. Tinsley Way for 1.4 miles. The proposed improvements include widening the two-lane roadway to a four-lane divided urban roadway. It will consist of two travel lanes in each direction, separated by a 22-foot-wide raised grassed median, bike lanes, and sidewalks on both sides. This project will also include improvements to Lake Jessup Avenue and Oviedo Boulevard. Improvements to stormwater ponds for drainage and flood control are included in this project, as well. In addition, a pedestrian hybrid beacon (PHB) is being installed at Oviedo High School to aid students in crossing SR 426. This PHB will stop traffic in both directions when activated and has been proven to reduce pedestrian crashes by 55% and reduce serious injury and fatal crashes by 15%.

Update: The contractor has begun laying down the friction course, marking the final layer scheduled to be laid down during the repaving process. Once this is completed, thermoplastic striping installation, as well as signage and signalization work will be all that remains.

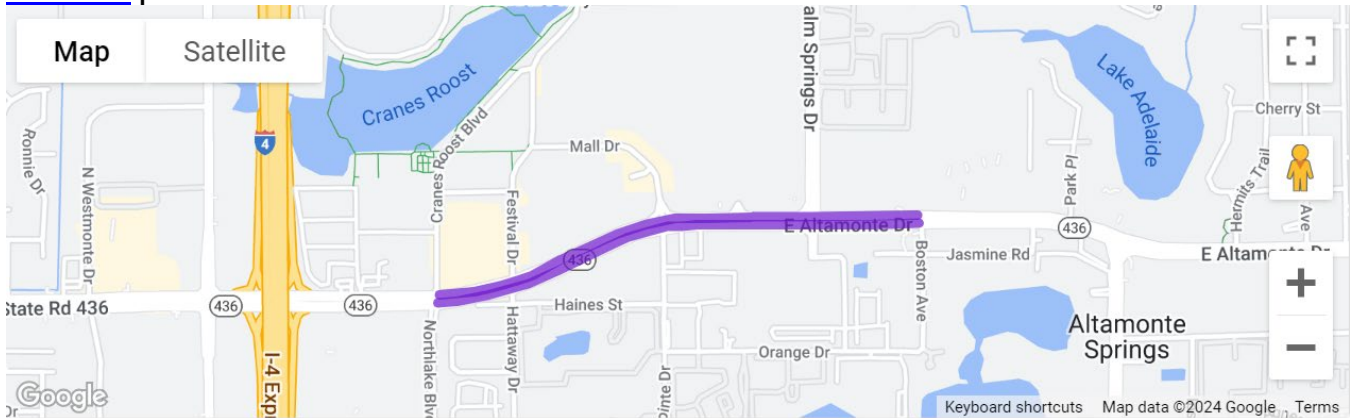
[436679-1](#), [436679-2](#), [436857-1](#) | Resurfacing / Widening U.S. 17-92 from north of Lake Mary Boulevard to the north of Airport Boulevard; Intersection improvements at Airport Boulevard

436679-1	436679-2	436857-1
		
<p>This project will extend existing right turn lanes on Orlando Drive (U.S. 17-92) to create continuous outside turn lanes in southbound and northbound directions.</p> <p>A pedestrian hybrid beacon (PHB) mid-block crossing will also be added onto Orlando Drive (U.S. 17-92).</p> <p>Pedestrian Hybrid Beacon Video</p> <p>What to do at PHBs</p>	<p>The purpose of this project is to resurface the roadway, add a westbound right turn lane, restripe the two eastbound right turn lanes on Airport Boulevard, and install a new traffic signal with mast arm poles.</p>	<p>This project consists of milling and resurfacing of the four existing lanes on U.S. 17-92 (Orlando Drive).</p>

- Contract: T5686
- Contractor: Masci General Contractor, Inc.
- Construction Cost: \$10.4 Million
- Project Start: March 2021
- Estimated Completion: Fall 2024

Update: The contractor is still working on punch list items to reach final acceptance for the project.

[441140-1](#) | S.R. 436 from Northlake Boulevard/Cranes Roost Boulevard to Boston Avenue



- Contract: T5749
- Contractor: Masci General Contractor, Inc.
- Construction Cost: \$13.9 Million
- Project Start: June 2023
- Estimated Completion: Fall 2024
- **Description:** The purpose of the project is to resurface State Road (S.R.) 436 from Northlake Boulevard/Cranes Roost Boulevard to Boston Avenue. Additional work includes sidewalk

additions and reconstruction, curb ramps reconstruction, drainage improvements, signing and pavement markings, bicycle keyhole additions, traffic signal upgrades, and pedestrian lighting improvements.

Update: Roadway paving has been completed, with the contractor now focusing on corrections and work on driveways/side streets while waiting for the new road surface to cure. Once cured, they will proceed with thermoplastic striping.

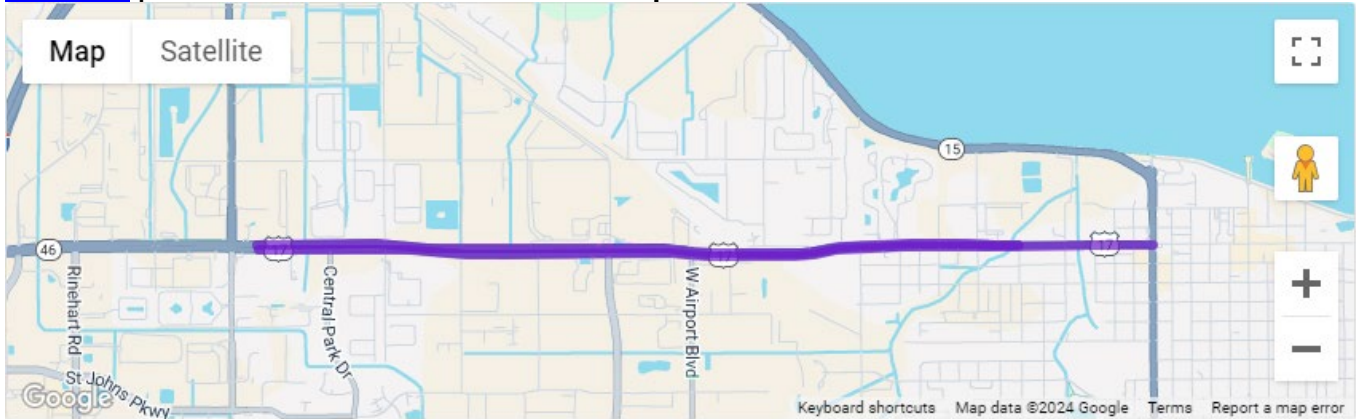
[445316-1](#) | S.R. 46 from U.S. 17-92 to Mellonville Avenue



- Contract: E57B2
- Contractor: Masci General Contractors, Inc.
- Project Cost: \$5.7 Million
- Project Start: September 2024
- Estimated Completion: Fall 2025
- Description: This project proposes to improve safety and operations along State Road (S.R.) 46 from French Avenue (U.S. 17-92) to Mellonville Avenue in Sanford. The project proposes widening the sidewalk on the westbound side of S.R. 46 to 10 feet to enhance pedestrian mobility and accommodate bicycles. The sidewalk on the eastbound side of S.R. 46 will remain. The wider sidewalk is possible by changing the travel lane widths. The proposed widths are 11 feet for the outside lanes and 10 feet for inside lanes. A 6-foot-wide bicycle lane will also be added along eastbound S.R. 46, creating connectivity to the existing bicycle lane on Mellonville Avenue. To enhance safety, sections of raised, grassed or landscaped medians are included. The medians enhance safety by reducing the possibility of left turn and angle crashes at the intersections.

Update: The contractor has begun concrete removal operations for utility work on the northernmost side of the corridor.

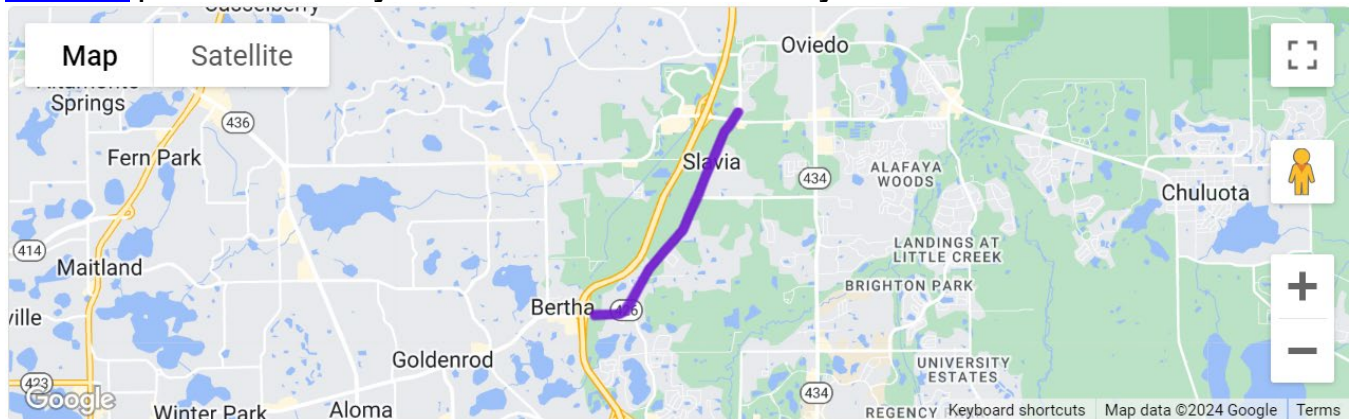
447103-1 | S.R. 46 from east of Monroe Road/Upsala Road to French Avenue



- Contract: T5824
- Contractor: Masci General Contractors, Inc.
- Project Cost: \$16.7 Million
- Project Start: September 2024
- Estimated Completion: Spring 2026
- Description: The Florida Department of Transportation (FDOT) will resurface State Road (S.R.) 46 from east of Monroe Road/ Upsala Road (County Road 15) to French Avenue (U.S. 17-92). In addition to resurfacing the roadway, the project recommends replacing the existing center two-way left turn with a raised median to enhance safety and help encourage slower driving speeds. Safety improvements will be made to pedestrian and transit facilities. Curb ramps will be reconstructed to current ADA criteria and new sidewalk will be constructed to fill gaps, providing a continuous route through the project limits. Some on-street parking will be eliminated to provide 7-foot-wide buffered bicycle lanes. New midblock crossings, along with new sidewalk to fill gaps and upgraded pedestrian curb ramps, are also planned. Existing lighting will be retrofitted to current criteria at three intersections: Central Park Dr/Old England Loop, Martin Luther King Jr Boulevard/Rand Yard Road, and Airport Boulevard/West First Street. Obsolete driveways are to be removed to improve pedestrian mobility.

Update: Currently, the contractor is working on the median, conducting median island concrete pouring prep, and installing a traffic separator. SanPik will also be installing a new 8-inch water line on the southern side of the corridor. Outside drainage work also resumes.

445221-1 | S.R. 426 from Mystic Lake / Starwood Drive to Eyrie Drive



- Contract: E56B8

- Contractor: P&S Paving, Inc.
- Construction Cost: \$6.7 Million
- Project Start: September 2023
- Estimated Completion: Fall 2024
- **Description:** The Florida Department of Transportation (FDOT) will resurface State Road (S.R.) 426 from Mystic Lake Drive (Starwood Drive) to Eyrie Drive. This resurfacing project will include safety improvements for cyclists and pedestrians. These safety improvements include reconstructing curb ramps to meet current ADA (Americans with Disabilities Act) standards, enhancing pedestrian crossings, upgrading crosswalk signalization equipment, and enhancing pedestrian lighting at the signalized intersections. Speed feedback signs will be installed to notify drivers when the posted speed limit has been exceeded.

Update: Final striping has been completed, and the contractor is now beginning to address final punchlist items.

RECENTLY COMPLETED:

None to report.

Air Quality Monitoring: Ozone Attainment Status

January - November
As of November 20, 2024

Seminole State College (#C117-1002)		
Year	Fourth Highest 8-Hour Average (Displayed in Parts per Billion)	Date
2024	63	8-May
2023	63	5-May
2022	62	3-Apr
2021	60	28-May

2023 3-Year Attainment Average: 62
2024 Year-to-Date 3-Year Running Average: 63
Change **1**

Osceola Co. Fire Station - Four Corners (#C097-2002)		
Year	Fourth Highest 8-Hour Average (Displayed in Parts per Billion)	Date
2024	69	30-May
2023	61	5-May
2022	62	22-Apr
2021	60	23-Mar

2023 3-Year Attainment Average: 61
2024 Year-to-Date 3-Year Running Average: 64
Change **3**

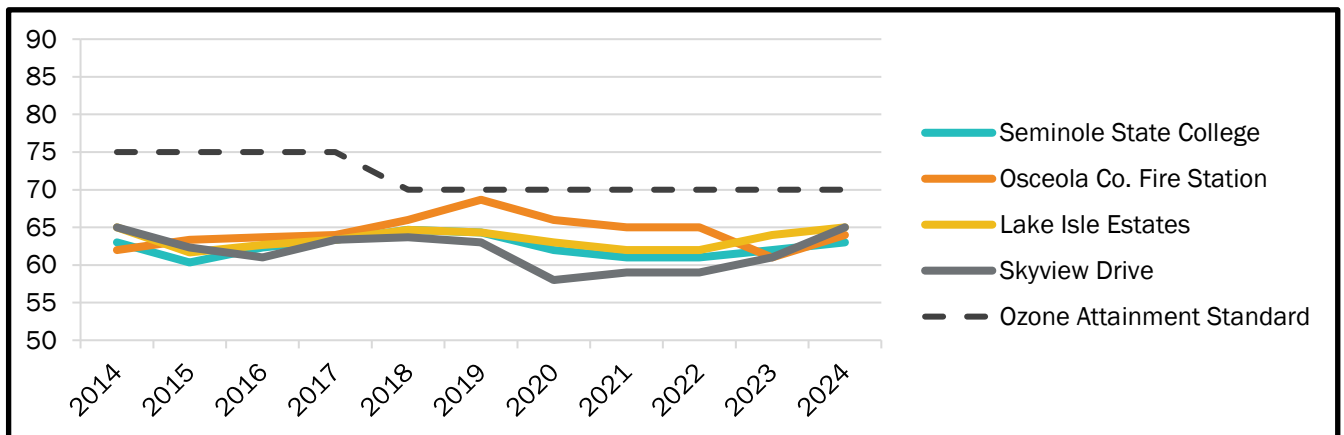
Lake Isle Estates - Winter Park (#095-2002)		
Year	Fourth Highest 8-Hour Average (Displayed in Parts per Billion)	Date
2024	65	24-Apr
2023	69	10-Jun
2022	60	3-May
2021	62	28-May

2023 3-Year Attainment Average: 64
2024 Year-to-Date 3-Year Running Average: 65
Change **1**

Skyview Drive (#L095-0010)		
Year	Fourth Highest 8-Hour Average (Displayed in Parts per Billion)	Date
2024	68	18-Apr
2023	66	6-Sep
2022	62	3-May
2021	54	21-Mar

2023 3-Year Attainment Average: 61
2024 Year-to-Date 3-Year Running Average: 65
Change **4**

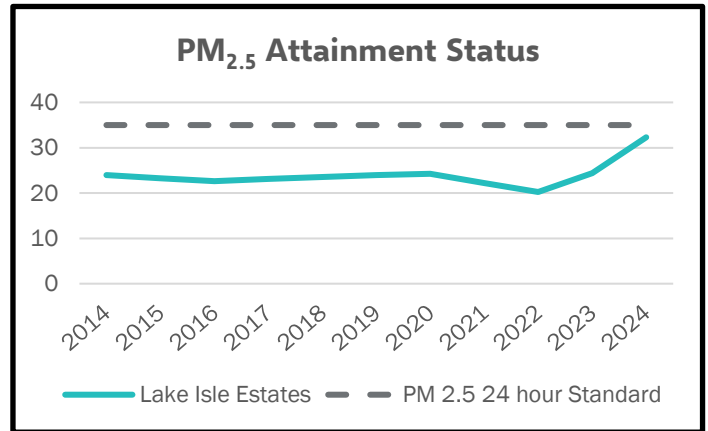
10-Year Historic Ozone Attainment Status (Displayed in Parts per Billion)



Air Quality Monitoring: Particulate Matter 2.5 Attainment Status
As of November 20, 2024

Lake Isle Estates - Winter Park (#095-2002)		
Year	Daily Average PM _{2.5} (micrograms per cubic meter)	Date
2024	44	1-Jan
2023	34	3-Oct
2022	19	10-Aug
2021	20	5-Feb

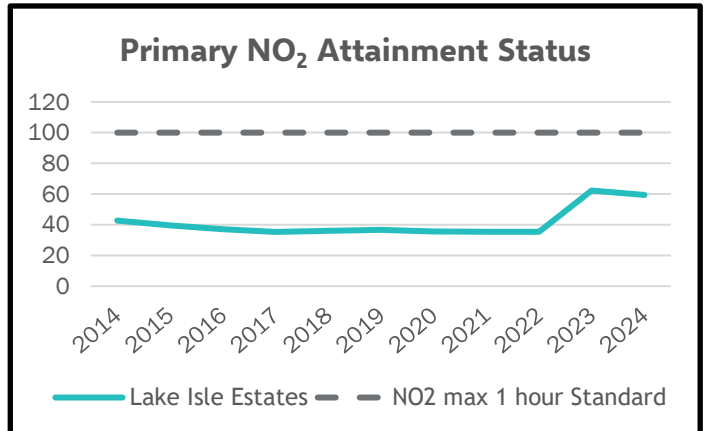
PM _{2.5} 24 hour NAAQ Standard	35
98th percentile, 3 year average - 2024	32
98th percentile, 3 year average - 2023	24



Air Quality Monitoring: Primary NO₂ Attainment Status
As of November 20, 2024

Lake Isle Estates - Winter Park (#095-2002)		
Year	Primary NO ₂ max one hour average (Parts per Billion)	Date
2024	28	20-Mar
2023	114	9-Jan
2022	36	28-Nov
2021	36	6-Apr

NO ₂ max 1 hour average NAAQ Standard	100
98th percentile, 3 year average - 2024	59
98th percentile, 3 year average - 2023	62



Source: Florida Department of Environmental Protection



LYNX Rolls Out New Paw Pass Mobile Pay Application

[Home](#) | [News and Events](#) | LYNX Rolls Out New Paw Pass Mobile Pay Application

Navigate

The Central Florida Regional Transportation Authority (LYNX) will release a new and enhanced LYNX® Paw Pass mobile app by Genfare and farebox on Nov. 18.

Anyone who installed the previous version of the LYNX PawPass app by Transportation Technology Partners will need to remove it and download the new version from the App Store or Google Play. Customers will be able to keep their login name but, will be required to reset their password. Users will need to select "forgot password" to reset.

Users will not be able to purchase tickets in the current app after Nov. 30. Customers who have passes or stored value in the current app will be able to use those forms of payment until Jan. 25, 2025.

In the new LYNX® Paw Pass app by Genfare, customers will see an updated look, have the ability to plan their trip and view/track real-time bus arrivals. To pay their fare, customers will scan the QR code on the app at the farebox scanner. Operators will no longer have to look at mobile tickets for validation. If customers pay a reduced fare, they will still have to show a LYNX issued ID.

A new feature customers will like is that they will now be able to purchase a single-ride fare using a credit or debit card through the "Tap to Pay" feature directly on the farebox. Wearables such as smartwatches and smart devices will also allow customers to utilize the "Tap to Pay" feature as well.

The other LYNX apps available are Rides on Demand NeighborLink booking app and LYNX® See&Say for security and safety reporting.

-LYNX-

For more information please contact Matt Friedman, Director of Marketing Communications, at 407-254-6206 or mfriedman@golynx.com.

Contact Information



2050 MTP Status Report | November/December 2024



WHAT IS THE 2050 MTP?

The Metropolitan Transportation Plan (MTP) establishes the vision of Central Florida's entire transportation system for Orange, Osceola, and Seminole Counties. This plan for the year 2050 identifies current and future transportation needs. Projects must be included in the plan to receive federal and state funding. The plan is updated every five years to reflect the changing dynamics of the region.

ONGOING WORK AND PROGRESS TO DATE

BACKGROUND & EXISTING CONDITIONS

- Continued travel patterns and origin-destination analyses.
- Compiling source contributions to the Data Source Guide.

GOALS & OBJECTIVES

- Refinement of final reports underway.

TECHNICAL ANALYSIS

- Coordination with FDOT on the Central Florida Regional Planning Model underway.
- Congestion Management Process (CMP) update underway; Draft CMP documentation in final review.
- Final revisions on the strategy master list for the health component underway.
- Final revisions on the strategy master list for the housing coordination process underway.
- Review of the air quality technical memo complete, existing conditions memo complete, environmental consultation process, and mitigation and enhancement strategies technical memo complete. Final report documentation underway.
- Review of draft resilience strategies underway.
- Review of draft Financial Resources technical memo underway.

NEEDS ASSESSMENTS & INVESTMENT SCENARIO PLANNING

- Roadway needs assessment local agency coordination meetings complete. Final revisions and refinements to the needs assessment project needs list are underway.
- Modal needs assessment summary reports are under development.
- Presented the proposed freight network designation at the MTP technical workshop and solicited feedback from our partner agencies. Local agency feedback in process of being incorporated.
- Continued refinement of project cost estimation methodology. Finalized cost per mile methodology and approach for defining project complexity.
- Continued refinement of prioritization methodology, focusing on evaluation criteria and identification of thresholds and scoring process. Presented the draft project prioritization methodology during MTP Technical Workshop. Feedback from local partners is being used to update the evaluation criteria and scoring process.





2050 MTP SCHEDULE

Task	2024				2025			
	Jan – Mar	Apr – Jun	Jul – Sep	Oct – Dec	Jan – Mar	Apr – Jun	Jul – Sep	Oct – Dec
Background & Existing Conditions								
Goals & Objectives								
Technical Analysis, Needs Assessment, Investment Scenario Planning								
Cost Feasible Plan Development								
Plan Adoption & Implementation								

UPCOMING 2050 MTP MEETINGS AND OUTREACH EVENTS

Date/Time	Meeting/Event	Location
December 5, 2024 at 6:00 p.m.	Community Conversation with American Society of Highway Engineers (ASHE) Orlando	Orlando Science Center 777 E Princeton St. Orlando, FL 32801
December 12, 2024 at 2:00pm	2050 MTP Technical Workshop	Virtual / Zoom https://metroplanorlando.gov/calendar/
January 25, 2025 at 9:00 a.m.	Community event with Aerospace and Aviation Day	Orlando-Sanford International Airport
February 13, 2025 at 2:00pm	2050 MTP Technical Workshop	Virtual / Zoom https://metroplanorlando.gov/calendar/

For more information on the 2050 MTP, contact:

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Para obtener más información, contacte:

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MetroPlanOrlando.gov/2050



MetroPlan Orlando - Project Development and Environmental Study Tracking - As of September 30, 2024

Current PD&E Projects in MetroPlan Orlando Area

Agency	FM#	Project Name	County	Project Manager	Firm	Class of Action	LDCA Anticipated	Design Funded FY	Design Funded Amount	Design Status	ROW Funded FY	ROW Funded Amount	Construction Funded FY	Construction Funded Amount
FDOT-D5	437200-1	US 17/92 from Ivy Mist Lane to Avenue A	Osceola	David Graeber	Metric Engineering	Type II CE	Dec-25	FY 2027	\$6.95 M	N/A	Not funded	N/A	Not funded	N/A
FDOT-D5	437174-2	SR 535 from US 192 to SR536/World Center Drive	Osceola	David Graeber	Metric Engineering	Type II CE	Dec-24	FY 2026	\$5.19 M	NA	Not funded	NA	Not funded	NA
FDOT-D5	447724-1	Truck and Freight Alternative Site Analysis	Seminole	Mark Trebitz	VHB	Seminole Site: Type II CE	8/2024 - Achieved	FY 2022	\$3.1M	60% Plans Mar 2024	FY 2024	\$15M	FY 2026	\$20M
			Volusia			Volusia EB Site: Type II CE	8/2024 - Achieved	FY 2024	\$3.9M	PE Begin Feb 2024	FY 2027 FY 2028	\$8M \$4.2M	FY 2029	\$20M
			Orange			Orange Site: Type II CE	TBD	Not Funded	Not Funded	NA	Not Funded	Not Funded	Not Funded	Not Funded
			Volusia			Volusia WB Site: Type II CE	8/2024 - Achieved	FY 2024	\$4.4M	PE Begin Feb 2024	FY 2028 FY 2030	\$15M \$8M	FY 2031	\$6.4M
			Osceola			Osceola Site: Type II CE	8/2024 - Acheived	FY 2025	\$3.3M	PE Begin ~Jan 2025	FY 2025 FY 2028 FY 2029	\$7M \$1.7M \$1.7M	FY 2032	\$10M
CFX	599-233	Southport Connector Expressway PD&E	Osceola	W. Hawthorne	Volkert	Level II PEIR	Quarter 3 2025	N/A			N/A		N/A	
CFX	599-247	SR 515 (NE Connector Phase 2) PD&E	Osceola	W. Hawthorne	VHB	Level II PEIR	Quarter 4 2026	N/A			N/A		N/A	
CFX	417-178	SR 417 Widening SR 528 to SR 408 PD&E	Orange	W. Hawthorne	Kimley Horn	Level I PEIR	Quarter 2 2025	Partial	5 M		N/A		N/A	
CFX	429-183	SR 429 Widening Seidel Rd to Tilden Rd PD&E	Orange	W. Hawthorne	Balmoral	Level I PEIR	Quarter 1 2025	FY 2026	9.7 M		N/A		N/A	
CFX	417-246A	SR 417-Sanford Connector PD&E	Seminole	W. Hawthorne	Ardurra	Level II PEIR	Quarter 2 2025	N/A			N/A		N/A	
FTE	423374-2	Widen Turnpike Mainline from SR 70 to SR 60	St. Lucie, Indian River, Okeechobee and Osceola	Greg Moore	Metric Engineering	SEIR	May-25	Not funded	N/A	N/A	Not funded	N/A	Not funded	N/A
FTE	423374-3	Widen Turnpike Mainline from SR 60 to Clay Whaley Road	Osceola	Greg Moore	Ardurra	SEIR	Jun-26	Not funded	N/A	N/A	Not funded	N/A	Not funded	N/A

Upcoming PD&E Projects in MetroPlan Orlando Area

Agency	FM#	Project Name	County	PD&E FY	PD&E Amount	Anticipated Class of Action
FTE	444006-	Widen Turnpike Mainline from Sand Lake Road to SR 408	Orange	2025	\$4.2M	TBD
FDOT-5	452574-1	SR 60 PD&E	Osceola	FY 2025	\$3.5M	TBD

Acronyms

FDOT	Florida Department of Transportation
FTE	Florida Turnpike Enterprise
CFX	Central Florida Expressway Authority



Memorandum

November 25, 2024

To: MetroPlan Orlando Advisory Committee Members
From: Mighk Wilson, Senior Planner
Subject: December 2024 Bicycle & Pedestrian Activity Update

City of Casselberry

The City was recently awarded a \$1.2M Safe Streets and Roads for All (SS4A) Planning and Demonstration Grant. This grant will include planning activities to further inform the City's Vision Zero Action Plan, including developing a new Mobility and Access Plan (M.A.P.) and updating the City's Complete Streets Policy and ADA Transition Plan. It will also include several quick-build demonstration projects at various locations in the City to pilot low-cost improvements to help address safety issues identified in the City's Vision Zero Action Plan. The work is anticipated to take up to three years to complete.

City of Orlando

The City has recently revamped the intersection mural at S. Orange Avenue and W. Pine Street so it better grabs the attention of motorists and provides enhanced traffic calming at the intersection.

The City has finalized the design plan for the Washington Street segment of the Downtown Gap project which will move the city closer to completing the Downtown Loop after being constructed. This trail will improve pedestrian connectivity in the city core, similar to the newly developed Hicks Avenue expansion which incorporated roundabouts, updated sidewalks, crosswalks, and a shared use path.

In October the City unveiled the DTO Action Plan, a collaborative roadmap designed to make Downtown a welcoming space for everyone and all modes of transportation.

Osceola County

Construction completed for the Fortune-Lakeshore Trail, and closeout is in progress.

Fortune/Simpson Road Intersection Improvements (with adjacent trail facility) is under construction, with completion expected by December 2025.

Neptune Road North (with adjacent trail facility) construction initiated this year, with completion expected in the 1st quarter of 2026. Neptune Road South (with adjacent trail facility) construction initiated this year, with completion expected in the 2nd quarter of 2027.

Kissimmee-St Cloud Trail construction begun June 2024, with completion expected in the 2nd quarter of 2025.

Deerwood Elementary School Area Sidewalk Gaps – design completed in October, with construction under way.

Seminole County

Celery/Mellonville Trail (Lake Monroe Loop)
Phase 1

Limits: Mellonville Ave from Seminole Ave to
Celery Ave. Celery Ave from Mellonville Ave to
343 feet east of Sipes Ave.

Status: Coordinating with FDOT on contract
award.

Celery/Mellonville Trail (Lake Monroe Loop)
Phase 2

Limits: Celery Ave from 343 feet east of Sipes
Ave to Chickasaw Dr.

Status: ROW acquisition continues.

Oxford Rd Drainage & Sidewalk (02107094)

Limits: Derbyshire Road to East Blvd (sidewalk
on west side only)

Status: Construction to be advertised
September 2024.

Old Lake Mary Rd. Sidewalks

Limits: Pineridge Road to W 25th Street

Status: 100% plan development in progress.

Orange Blvd/CR 431 Safety Improvements
(includes Ped/Bike enhancements)

Limits: SR 46 to Monroe Rd

Status: Design and ROW acquisition ongoing.
Relocation and redesign of ponds continues.

Cross Seminole Trail Connector Ramps at US
17-92

Limits: Cross Seminole Trail at US 17-92.

Connect sidewalks on US 17-92 to the Trail.

Status: Coordination with FDOT continues.

Plans & Specs to be updated.

Wymore Rd Drainage, Bike & Ped
Improvements

Limits: Orange County line to Spring Valley Rd

Status: Construction complete. Working on
punch list items.

Central Seminole Trail – North Section

Limits: SR 434 at Winter Park Drive to Cross
Seminole Trail at US 17-92 via Power

Easement

Status: Project on hold.

Seminole Wekiva Trail Tunnels at SR 434 and
SR 436

Limits: One underpass at SR 434 at Orange
Blvd. and a second underpass at SR 436 at
Laurel St.

Status: 60% design phase underway.

SR 434 Improvements to include
Roundabouts and Bike/Ped/Trail
improvements

Limits: SR 417 to Franklin St.

Status: Coordinating FDOT Supplemental LAP
Agreement #2.

Oranole Road/Linneal Beach Dr Sidewalks

Limits: Orange County Line to Playa Way.

Status: Construction bids received.

North Street Corridor Improvement Phase I

Limits: Raymond Ave / west North St / north
Palm Springs Drive

Status: Design plans at 100%. To combine
park development with roadway
improvements under a Construction Manager
at Risk.

North Street Corridor Improvements Phase 2

Limits: Palm Springs Drive from Center St to
North St

Status: Design phase underway.

North Street Corridor Improvements Phase 3

Limits: North St from Palm Spring Drive to
Ronald Reagan Blvd

Status: Project on hold.

Riverview Ave – Sidewalks

Limits: SR 46 to existing sidewalk at Narcissus
Ave

Status: ROW acquisitions continues.

Sanford Ave and Rosehill Trail – RR Crossing

Limits: East side of Sanford Ave, north of
Rosehill Trail to north of CSX RR crossing.

Status: Design complete. Coordination with
CSX continues on several work products
including safety plan.



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A REGIONAL TRANSPORTATION PARTNERSHIP

October 17, 2024

To: Board and Committee Members
From: Gary Huttman AICP, Executive Director
Subject: 2024 Population Estimates

The official 2024 population estimates were recently released by the University of Florida's Bureau of Economic and Business Research (BEBR).

The attached table compares the 2023 population estimates with the 2024 population estimates for our three-county region, as well as for our neighboring counties and the State of Florida. The original BEBR statewide 2024 population estimates are available at <https://bebr.ufl.edu/population/population-data/>, and archived population estimates and associated data can be accessed at <https://www.bebr.ufl.edu/population/population-data-archive/>.

Highlights are as follows:

- From 2023 to 2024, there was a 1.53% increase in the population of our three-county area – slightly higher than the percentage increase for the 2022-2023 report (1.20%). This is an increase of more than 37,066 new residents – which is nearly the current population of the City of Winter Springs.
- In our three-county region, Osceola County continued to have the highest rate of growth (2.73%).
- The Orange County municipality with the largest percentage increase was the City of Apopka (6.05%, 3,527 new residents), and the municipality with the largest numerical increase was the City of Orlando (2.47%, 8,078 residents).
- The Osceola County municipality with the largest percentage increase and numerical increase was the City of St. Cloud again (6.41%, 3,977 residents).
- The Seminole County municipality with the largest percentage increase and numerical increase was the City of Sanford (5.25%, 3,389 new residents).

The 2024 population figures will be considered in developing our Unified Planning Work Program and budget for the upcoming year.



Comparison of 2023 & 2024 Population Estimates for the MetroPlan Orlando Region

	2023 Pop. Est.	2024 Pop. Est.	Change (#)	Change (%)
Orange Co. Total	1,492,951	1,511,568	18,617 ▲	1.25% ▲
Apopka	58,293	61,820	3,527 ▲	6.05% ▲
Bay Lake	29	14	(15) ▼	-51.72% ▼
Belle Isle	7,239	7,293	54 ▲	0.75% ▲
Eatonville	2,370	2,464	94 ▲	3.97% ▲
Edgewood	2,631	2,553	-78 ▼	-2.96% ▼
Lake Buena Vista	21	21	-	0.00%
Maitland	19,964	20,042	78 ▲	0.39% ▲
Oakland	5,402	5,402	-	0.00%
Ocoee	49,711	51,186	1,475 ▲	2.97% ▲
Orlando	326,988	335,066	8,078 ▲	2.47% ▲
Windermere	3,041	3,044	3 ▲	0.10% ▲
Winter Garden	50,800	51,495	695 ▲	1.37% ▲
Winter Park	30,706	30,565	(141) ▼	-0.46% ▼
Unincorporated	935,756	940,603	4,847 ▲	0.52% ▲
Osceola Co. Total	439,225	451,231	12,006 ▲	2.73% ▲
Kissimmee	82,714	85,141	2,427 ▲	2.93% ▲
St. Cloud	61,997	65,974	3,977 ▲	6.41% ▲
Unincorporated	294,514	300,116	5,602 ▲	1.90% ▲
Seminole Co. Total	486,839	493,282	6,443 ▲	1.32% ▲
Altamonte Springs	47,420	47,313	(107) ▼	-0.23% ▼
Casselberry	30,061	30,120	59 ▲	0.20% ▲
Lake Mary	17,366	17,423	57 ▲	0.33% ▲
Longwood	16,408	16,617	209 ▲	1.27% ▲
Oviedo	40,261	41,934	1,673 ▲	4.16% ▲
Sanford	64,508	67,897	3,389 ▲	5.25% ▲
Winter Springs	39,097	39,131	34 ▲	0.09% ▲
Unincorporated	231,718	232,847	1,129 ▲	0.49% ▲
3-County Total	2,419,015	2,456,081	37,066 ▲	1.53% ▲

Comparison of 2023 & 2024 Population Estimates for Other Counties in Central Florida Region

	2023 Pop. Est.	2024 Pop. Est.	Change (#)	Change (%)
Brevard Co. Total	640,773	653,703	12,930 ▲	2.02% ▲
Flagler Co. Total	130,756	136,310	5,554 ▲	4.25% ▲
Lake Co. Total	414,749	433,331	18,582 ▲	4.48% ▲
Marion Co. Total	403,966	419,510	15,544 ▲	3.85% ▲
Polk Co. Total	797,616	826,090	28,474 ▲	3.57% ▲
Sumter Co. Total	155,318	156,743	1,425 ▲	0.92% ▲
Volusia Co. Total	583,505	594,643	11,138 ▲	1.91% ▲
MetroPlan Orlando 3-County Region Total	2,419,015	2,456,081	37,066 ▲	1.53% ▲
10-County Total	5,545,698	5,676,411	130,713 ▲	2.36% ▲
State of Florida	22,634,867	23,014,551	379,684 ▲	1.68% ▲