



Transportation Systems Management & Operations Advisory Committee AGENDA

February 25, 2022, 8:30 AM



metroplan orlando

A REGIONAL TRANSPORTATION PARTNERSHIP

**TRANSPORTATION SYSTEMS MANAGEMENT AND OPERATIONS
COMMITTEE**

HYBRID MEETING NOTICE

Welcome back to in person meetings at MetroPlan Orlando! This meeting is taking place in person. Please plan your

DATE & TIME: Friday, February 25, 2022 at 8:300 a.m.

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

PUBLIC ACCESS: To join the meeting from your computer, tablet or smartphone, please use this link:
<https://us02web.zoom.us/j/85128214055?pwd=Qkp4NUlsYmNLMVZlaVQZUFDQTBSdz09>
Passcode: 523560

To dial in, please see the calendar item for this meeting:

<https://metroplanorlando.org/meetings/technical-advisory-committee-02-25-22/>

In Person:** The MetroPlan Orlando offices, in response to the COVID-19 pandemic, are following guidelines for group gatherings by limiting access for the TSMO meeting to maintain safe social distancing. Members of the public may access this meeting virtually and participate via the Zoom link above, or by dialing in. A limited number of the public may attend in person space permitting. We strongly encourage virtual participation in order to provide the safest meeting environment for board members, staff and the public. Masks are required and temperature checks will be conducted upon entrance. The agenda packet is available at MetroPlanOrlando.org in the Calendar section. New to Zoom? You can get the app ahead of time and be ready for the meeting. Visit Zoom.com. **For technical support during the meeting, use the Raise Hand function (located in the Participants tab) to be contacted by a meeting moderator.

AGENDA

Thank you for silencing your cell phones during the meeting and keeping microphones muted unless you are recognized to speak.

- I. Call to Order – Chairman Ramon Senorans
- II. Chair's Announcements
- III. Agenda Review – Mr. Eric Hill
- IV. Committee Roll Call – Ms. Lisa Smith
- V. Public Comments on Action Items

Comments from the public will be heard pertaining to **Action Items** on the agenda for this virtual meeting. Public comments submitted in advance of the meeting, by email to Comment@MetroPlanOrlando.org or phone to 407-906-2347, will be read into the record by a meeting moderator. People wishing to speak during the virtual meeting should use the Raise Hand feature on the Zoom platform, and a meeting host

will unmute your microphone to speak. Each speaker should state name and address for the record and is limited to two minutes. People wishing to speak on other items will be acknowledged in the same way, under Agenda Item XII.

VI. Action Items

A. December 3, 2021 & January 28, 2022 TSMO Meeting Minutes (Tab 1)

Approval is requested of the meeting minutes for December 3, 2021, since the January 28th meeting was a virtual workshop, and the meeting minutes for January 28, 2022. The January 28th minutes are provided in **Tab 1**. (The December 3rd minutes were provided in the agenda packets for the January 28th meeting.)

B. Ratification of Board Action Item for February 9, 2022

The TSMO is requested to ratify the action taken by the MetroPlan Orlando Board at their meeting on February 9, 2022, to approve FDOT's targets for Safety, Travel Time Reliability, Bridge and Pavement Condition, as well as the targets established in the LYNX Transit Asset Management (TAM) plan. This item was presented for review and discussion at the TSMO's January 28th virtual workshop.

C. 2045 Metropolitan Transportation Plan Revision (Tab 2)

Mr. Alex Trauger, MetroPlan Orlando staff, is requesting the TSMO to recommend that the 2045 MTP be amended to include several new projects. Attachments pertaining to this amendment request are provided in **Tab 2**.

D. Approval of FY 2022/23 - 2023/24 UPWP (Tab 3)

Following a brief presentation, action will be requested by Mr. Nick Lepp, MetroPlan Orlando staff, to recommend approval of the FY 2022/23 - 2023/24 Unified Planning Work Program (UPWP). An attachment is provided in **Tab 3**.

E. Acknowledgement of FDOT Annual Certification Review Report (Tab 4)

Mr. Tyler Burgett, FDOT staff, will present FDOT's report on the 2022 Annual Certification Review of MetroPlan Orlando and is requesting the TSMO to recommend acknowledgement of the report. Attachments are provided in **Tab 4**.

VII. Presentations/Status Reports

A. Presentation on FY 2020/21 Traffic Signal Retiming Program (Tab 5)

Ms. Lara Bouck, MetroPlan Orlando staff, will give a presentation on MetroPlan Orlando's FY 2020/21 Traffic Signal Retiming Program. A signal retiming infographic is included in **Tab 5**.

B. Presentation on Emerging Technologies at the Central Florida Expressway (CFX)

Mr. Bryan Homayouni, CFX will present on the agency's planning and implementation of emerging technologies at the CFX.

C. Report on TSMO Funding Task Force

The Chair of the TSMO Funding Task Force will report on the Task Force discussion on use of funds for projects under TMA-SU Funds, Countywide/Area Wide Improvements and ACES Demonstration as well as the process for determining eligibility and criteria for TSMO projects.

VIII. Common Presentations/Status Reports

A. Presentation on Health Strategic Plan

Ms. Jeri Brittin, HDR, will give a presentation on MetroPlan Orlando's Health Strategic Plan. The Health Strategic Plan provides a framework for understanding our community's connections between transportation and health. The plan also provides a guide for how MetroPlan Orlando can plan the region's transportation system to improve community health. The Health Strategic Plan can be viewed on MetroPlan Orlando's website at <https://metroplanorlando.org/programs-resources/health-transportation/>

B. Presentation on FY 2020/21 Traffic Signal Retiming Program

Ms. Lara Bouck, MetroPlan Orlando staff, will give a presentation on MetroPlan Orlando's FY 2020/21 Traffic Signal Retiming Program.

C. Presentation on SR 414 Extension PD&E Study

Mr. Will Hawthorne, CFX, and Ms. Sunserea Dalton, Jacobs Engineering, will give a presentation on the SR 414 Extension Project Development and Environment (PD&E) study being conducted by the Central Florida Expressway Authority.

IX. General Information

(Tab 6)

A. FDOT Monthly Construction Status Report

The latest FDOT Monthly Construction Status Report for the Orlando area is enclosed for information purposes.

B. MetroPlan Orlando Board Highlights

A copy of the February 9, 2022, Board Meeting Highlights is enclosed for information purposes.

C. LYNX Press Releases

A set of press releases from LYNX is enclosed for information purposes.

X. Upcoming Meetings of Interest to TSMO Members

A. Next MPO Board Meeting

The next MetroPlan Orlando Board meeting will be held in person on **March 9, 2022**, at 9:00 a.m. in the MetroPlan Orlando Board Room, 250 South Orange Avenue, Suite 200, Orlando FL 32801.

B. Next TSMO Meeting

The next TSMO meeting will be held in person (*subject to change*) on **April 22, 2022**, at 8:30 a.m. in the MetroPlan Orlando Board Room, 250 South Orange Avenue, Suite 200, Orlando FL 32801. Following the April 22nd meeting, the dates of the remaining TSMO meetings during 2022 will be:

5/27/22

6/24/22

8/26/22

10/28/22

12/2/22

XI. Member Comments

XII. Public Comments (General)

General comments from the public will be heard. Public comments submitted in advance of the meeting, by email to Comment@MetroPlanOrlando.org or phone to 407-906-2347, will be read into the record by a meeting moderator. People wishing to speak during the virtual meeting should use the Raise Hand feature on the Zoom platform, and a meeting host will unmute your microphone to speak. Each speaker should state name and address for the record and is limited to two minutes.

XIII. 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.org 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.org por lo menos tres días antes del evento.

TAB 1



Transportation Systems Management and Operations (TSMO)
Advisory Committee

MEETING MINUTES

DATE: Friday, January 28, 2022

TIME: 8:30 a.m.

LOCATION: Virtual

Chairman Ramon Senorans, Presiding

Voting Members Present:

Mr. Brett Blackadar, Altamonte Springs
Mr. Cade Braud, City of Orlando
Mr. Dean Fathelbab, City of Casselberry
Mr. Christopher Carson, City of Lake Mary
Mr. Michael Cash, City of Sanford
Mr. Hazem El-Assar, Orange County
Mr. Kevin Felblinger, City of St. Cloud
Ms. Alyssa Eide, City of Maitland
Mr. Eric Gordin, FTE
Ms. Yameli Herschelman, City of Orlando
Mr. Brent Poole for Mr. Bryan Homayouni, Central Florida Expressway Authority
Mr. Craig Bayard for Mr. Doug Jamison, LYNX
Mr. Jean Jreij, Seminole County
Mr. Carl Kelly, University of Central Florida
Mr. Steve Krug, City of Ocoee
Mr. Steven Kane, Osceola County
Ms. Lindsey Giovinazzo, Osceola County
Mr. Butch Margraf, MPO Appointee
Mr. Nabil Muhaisen, City of Kissimmee
Ms. Lee Pulham, Reedy Creek Improvement District
Mr. Brian Sanders, Orange County
Mr. Ramon Senorans, Kissimmee Gateway Airport
Mr. Shad Smith, City of Longwood
Ms. Sarah Walter, City of Winter Park
Ms. Pam Richmond, City of Apopka
Mr. Charlie Wetzel, Seminole County

Voting Members Absent:

Mr. Brad Friel, GOAA
Cmsr. Ed Gold, City of Belle Isle
Mr. Travis Mathias, Town of Windermere
Mr. Christopher Schmidt, City of Winter Springs

Non-Voting Members/Advisors Present:

Non-Voting Members/Advisors Absent:

Mr. Glen Hammer, Osceola PS
Lt. Brad McDaniel, Seminole County Sheriff's Office
Vacant, Orange County CTST

Others in Attendance:

Mr. Ryan Brown, FTE
Ms. Sarah McNamara, FDOT
Mr. Siaosi Fine, FTE
Mr. Eric Hill, MetroPlan Orlando
Mr. Alex Trauger, MetroPlan Orlando
Mr. Keith Caskey, MetroPlan Orlando
Ms. Virginia L. Whittington, MetroPlan Orlando
Mr. Nick Lepp, MetroPlan Orlando
Ms. Lara Bouck, MetroPlan Orlando
Ms. Mary Ann Horne, MetroPlan Orlando
Ms. Lisa Smith, MetroPlan Orlando
Ms. Sarah Larsen, MetroPlan Orlando
Ms. Cathy Goldfarb, MetroPlan Orlando

I. Call to Order

Chairman Ramon Senorans called the meeting to order at 8:30 a.m. and welcomed everyone. Chairman Senorans detailed the hybrid virtual meeting guidelines, the raise hand feature to be recognized, and the public comment procedures. He noted that the virtual meetings were accessible to all. Chairman Senorans noted that it was a new year however they are still facing the same challenges but have adapted.

II. Confirmation of Quorum/Agenda Review/Staff Follow-up

Ms. Lisa Smith conducted the roll call. Mr. Eric Hill wished TSMO members Happy New Year, and he reviewed hybrid meeting procedures. He thanked them for their participation and noted that they will be notified regarding future meeting format. Mr. Hill noted that action items will be ratified at a future in-person meeting. He welcomed new TSMO officers Mr. Ramon Senorans and Mr. Shad Smith, Mr.

Hill called attention to one update to the agenda, the February 9th MetroPlan Orlando board meeting will be in person. He welcomed back Mr. Alex Laffey.

III. Public Comments on Action Items

Ms. Joanne Counelis, Lake Mary Florida, commented on the need for 24-hour bus and train service. She added service is needed on Country Club Road from the SunRail station to Seminole State College as well as Oviedo Boulevard to the Aquatics Center. Service is needed 24 hours nights, holidays and weekends. She added SunRail needs to be extended to DeLand.

IV. Action Items

A. Approval of the December 3, 2021 TSMO Meeting Minutes

Approval was requested of the December 3, 2021, meeting minutes provided and make a consensus recommendation. The TSMO Committee will take formal action at a future in-person meeting to approve the recommendation. TSMO members reviewed and discussed the December 3, 2021, meeting minutes and provided a consensus recommendation for the board.

B. Support for FDOT Performance Measures Targets and for LYNX Transit Asset Management (TAM) Targets

Mr. Nick Lepp, MetroPlan Orlando staff, was requesting the annual re-support of FDOT's targets for Safety, Travel Time Reliability, Bridge and Pavement Condition, as well as the targets established in the LYNX Transit Asset Management (TAM) plan. Mr. Lepp reviewed the performance measures and LYNX Transit Asset Management targets that staff was looking to get re-support for. An attachment was provided. The TSMO Committee reviewed and discussed the request and provided a consensus recommendation to the Board. The TSMO Committee will take formal action at a future in-person meeting to ratify the Board's action on this item.

V. Presentations/Status Reports

A. Presentation on TSMO at Florida's Turnpike Enterprise

Mr. Eric Gordin, P.E., and Mr. Ryan Brown, Florida's Turnpike Enterprise (FTE), presented on TSMO program and activities at the FTE. Mr. Gordin provided information on the Connected Vehicle (CV) pilot deployment. He told TSMO members that 50 roadside units had been deployed over 20 miles of roadway on the mainline to SR429/SR 50 interchange and the beachline, with three infrastructure to vehicle applications. The locations of the units, he added, were based on safety and a Data Information Management System (DMS) collects data from the roadside units.

Mr. Ryan Brown told TSMO members that the DMS was a comprehensive software platform that provided feedback from the roadside units including data, alerts and communication protocols and standards for future deployment. He reported that FTE received \$3.7 million for the project in July 2021, and it has a 461-day schedule which would end in February 2023. Mr. Brown added that there was a 90-day integration period and a 2-year evaluation and maintenance period. He next provided information regarding the SunTrax project located midway between Tampa and Orlando, SunTrax encompassed a 500-acre site that included a 2¼ mile high speed track and a 200-acre infield. Construction began in 2017 and is projected to be completed in spring or

summer of 2022. Mr. Brown reviewed the infield testing features, tolling interference, CAV reliability and tolling footprint, installation of roadside units and how it works. He noted there was a successful demonstration at the recent ASHTO Conference. Mr. Gordin concluded the presentation with information on the dynamic queue warning system. He provided information on the purpose of the system, location and QWS equipment types. He noted there 13 locations in multiple phases including ramp speed feedback installations and a regional managed lanes program. Discussion ensued regarding systems feeding in, number of equipped vehicles on the road, warnings by cell phone, and guidance in vehicles avoiding issues.

VI. Discussion

A. TSMO Funding Task Force

Mr. Eric Hill, MetroPlan Orlando staff, discussed TSMO funding programs, including areawide and ACES demo) with the Committee. Staff is in the process of updating the PPL and seeking guidance on revisions to the eligibility and criteria for TSMO projects. This item was discussed with TSMO at the October 2021 Meeting. A copy of the presentation from that discussion was provided. Mr. Hill requested TSMO member's input on forming a TSMO Funding Task Force or conducting discussions on funding at the regular TSMO meetings. The consensus was to form a Task Force and Mr. cade Braud, Mr. Hazem El-Assar, Mr. Steven Kane and Mr. Charlie Wetzel volunteered to serve on the TSMO Funding Task Force.

VII. Common Presentations/Status Reports

A. Florida Sunshine Law Refresher

Ms. Virginia Whittington, MetroPlan Orlando staff, conducted a refresher training session on the Florida Sunshine Law.

B. Year-End Review & Confirmation of Goals

Mr. Nick Lepp, MetroPlan Orlando staff, presented a review of the progress made during 2021 in the implementation of the MetroPlan Orlando Board's Weighted Goals for priorities, which included:

- Safety
- Trail Connectivity
- Engage Younger Population
- Complete Streets
- SunRail Connectivity

C. Annual Report on Best Foot Forward

Ms. Emily Hanna, the Executive Director of Bike/Walk Central Florida, presented an annual report on the latest activities of the Best Foot Forward Pedestrian Safety program.

VIII. General Information

A. FDOT Monthly Construction Status Report

The latest FDOT Monthly Construction Status Report for the Orlando area was provided.

B. PD&E Study Tracking Report

A report providing the latest status of the PD&E studies currently underway in the MetroPlan Orlando area was provided.

C. Comparison of 2020 Census Data & 2021 BEBR Population Estimates

A spreadsheet and cover memo comparing the 2020 Census data and 2021 population estimates provided by the University of Florida Bureau of Economic and Business Research (BEBR) for the Central Florida region was provided.

D. MetroPlan Orlando Board Highlights

A copy of the December 8, 2021 Board Meeting Highlights was provided.

E. LYNX Press Releases

A set of press releases from LYNX was provided.

F. Bicycle & Pedestrian Report

A report on bicycle and pedestrian projects in the MetroPlan Orlando region was provided.

G. 2022 Board Legislative Priorities

A list of the 2022 legislative priorities approved by the MetroPlan Orlando Board at their meeting of November 10, 2021 was provided.

H. 2021 TSMO Attendance Record

The 2021 TSMO Attendance record was provided.

I. FY 2021/22 – 2025/26 TIP Modification

The FY 2021/22 – 2025/26 TIP was being modified at FDOT's request to include three new transit projects (CRRSAA - Coronavirus Response and Relief Supplemental Appropriations Act):

- FM #450409-1 – LYNX Southern Operations Base in Osceola County
- FM #450488-1 – CRRSAA Grant for LYNX
- FM #450490-1 – CRRSAA Grant for Osceola County Opportunity Center

A formal TIP amendment for these projects was not required since no FHWA funds are involved, and the projects are already included in the Statewide TIP (STIP). The TIP needed to be modified to include these projects in order to be consistent with the STIP. A letter from FDOT was provided.

IX. Upcoming Meetings of Interest to TSMO Members

A. Next MPO Board Meeting

The next MetroPlan Orlando Board meeting was scheduled in person on February 9, 2022, at 9:00 a.m. in the MetroPlan Orlando Board Room, 250 South Orange Avenue, Suite 200, Orlando FL 32801.

B. Next TSMO Meeting

The next TSMO meeting was scheduled to be held in person (*subject to change*) on February 25, 2022, at 8:30 a.m. in the MetroPlan Orlando Board Room, 250 South Orange Avenue, Suite 200, Orlando FL 32801. Following the February 25th meeting, the dates of the remaining TSMO meetings during 2022 will be:

4/22/22

5/27/22

6/24/22

8/26/22

10/28/22

12/2/22

X. Other Business

None.

XI. Public Comments (General)

Ms. Joanne Counelis asked how she could go into the TAC meeting from the TSMO meeting

V. Adjournment

Chairman JSenorans adjourned the meeting of the Transportation Systems Management & Operations Advisory Committee at 9:39 a.m. The meeting was recorded and transcribed by Ms. Cathy Goldfarb.

Approved this 25th day of February 2022

Mr. Ramon Senorans, Chairman

Ms. Cathy Goldfarb, Senior 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



2045 Metropolitan Transportation Plan (MTP)

Overview of Proposed Plan Revisions

February / March 2022



Reason for Amendment / Modification:

MetroPlan Orlando staff is proposing these Plan Revisions to better reflect rising transportation infrastructure costs in the 2045 MTP's Cost Feasible Plan. In addition, based on project implementation best practices, federally funded TSM&O projects were bundled following Federal Highway Administration guidance. MetroPlan Orlando staff is also taking this opportunity to address feedback and requests received from agency partners.

Changes to Technical Reports / Documentation:

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

- 1. Amendment** – Tables 9, 11, 12, 13, 15, 16, 17, and 18 updated based on unit/project phase cost changes to each tables' Cost Model. Table 4 also updated to reflect updated cost parameters. The existing project Cost Model (an excel look-up calculation based on a project's length, type, and phase) found in each budget allocation table currently generates lower than average design and construction phase costs. MPO staff identified this issue during routine monitoring of the FDOT Work Program then conducted an analysis to determine more refined phase/unit costs based on observations of the FDOT Work Program; and then updated the 2045 MTP's Cost Model parameters. No changes to project rankings / implementation order with the exception of Table 11 as described in amendment #4 below. As a result of the cost increases, 50 federal/state funded projects moved from Plan Period 1 (2026-2030) and Plan Period 2 (2031-2035) to Plan Period 3 (2036-2045) while only one federal/state funded project is no longer cost feasible by 2045.
- 2. Modification** – Table 6 (SIS projects) and Table 9 (SHS projects) – SR 60 from Grape Hammock Rd to Kissimmee River Bridge (ID# 2255) was moved from Table 9 to Table 6 to reflect the project's status on the Strategic Intermodal System (SIS) and associated funding eligibility.
- 3. Amendment** – Table 8 (Florida's Turnpike Enterprise projects) revised to include eight new fully funded projects and one unfunded need to reflect the Turnpike Enterprise's Work Program. Projects are funded utilizing toll revenues, resulting in no impacts to existing cost feasibility of state or federally funded projects. Letter requesting changes enclosed for additional information and project specifics.
- 4. Amendment** – Table 11 (TMA-TSM&O) updated to include new project bundles considering FHWA project bundling/implementation guidance and feedback received from local agency partners. Project costs also revised based on unit/project phase cost changes to the table's project cost model (referenced in #1). Project bundling procedure resulted in changes to cumulative rankings and associated costs which impacted the Plan's existing cost feasibility.
- 5. Modification** – Table 11 (TMA-TSM&O) revised to include project limits consistent with the Osceola County TSM&O Strategic Plan. The purpose of this request was to update the Old Canoe Creek Rd & Canoe Creek Road (ATMS 7) project limits to be 1) Canoe Creek Rd from US 192 to Deer Run Rd, and 2) Old Canoe Creek Rd from US 192 to Pine Tree Dr.

6. **Modification** – Table 12 (TMA-Complete Streets) revised to include updated project limits for North St Complete Streets project. Based on a recently completed study, the project has been split into two phases: 1) from Raymond Ave to Palm Spring Dr, and 2) from Palm Springs Dr to CR 427/Ronald Reagan Blvd.
7. **Amendment** – Table 13 (TMA-Pedestrian/Bicycle) revised to include one new unfunded project: Wekiva Trail Phase 4b from Wekiva Parkway to Kelly Park Rd. No changes to existing project rankings.
8. **Amendment** – Tables 15 (Transit projects) expanded to include local initiative and service development projects. City of Altamonte Springs' ITS/CAV Shuttle projects removed from Table 11 (TMA-TSMO) and added to Table 15. In addition, Orange County's I-Drive Transit Lanes project was added to Table 15 with PD&E funded in the existing TIP, while Preliminary Engineering (PE), project construction, and operations/maintenance remain unfunded needs. Costs based on the projected construction and O&M costs defined in the final Orange County study report. No changes to existing project rankings or impacts to cost feasibility.
9. **Modification** – Table 16 (Orange County locally funded projects) revised to be consistent with local plans to include two new local projects: 1) Complete Street w/ Transit Lanes - Tradeshow Blvd from Universal Blvd to Destination Pkwy with Preliminary Engineering (PE) funded in the existing TIP while all other phases remain unfunded based on existing sources. Costs per phase based on the project costs defined in the County's final study report. 2) New 4-Lane Roadway - All American Blvd from Clarcona-Ocoee Rd to Kennedy Blvd. In addition, due to funding eligibility requirements, non-state highway system projects located on John Young Parkway were removed from Table 9 (SHS projects) and added to Table 16. No changes to existing project rankings.
10. **Modification** – Table 18 (Osceola County locally funded projects) revised to include project limits consistent with the Osceola County TSM&O Strategic Plan. The purpose of this request was to update project specific Intelligent Transportation System (ITS) infrastructure needs. No changes to existing project rankings.

Hyperlinks to documentation with proposed revisions incorporated:

- Cost Feasible Plan: https://metroplanorlando.org/wp-content/uploads/2045MTP_CostFeasiblePlan_Adopted-Dec2020_ProposedRevisions-FebMarch2022.pdf

For additional information regarding these Plan Revisions:

Please contact Alex Trauger, Manager of Transportation Planning at ATrauger@metroplanorlando.org



Florida Department of Transportation

RON DESANTIS
GOVERNOR

Florida's Turnpike Enterprise
P.O. Box 613069, Ocoee, FL 34761
407-532-3999

KEVIN J. THIBAUT, P.E.
SECRETARY

December 20, 2021

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

Dear Mr. Huttman:

Subject: REQUEST FOR METROPOLITAN TRANSPORTATION PLAN CHANGES

The Florida Department of Transportation (FDOT), Florida's Turnpike Enterprise requests the following changes to be made to MetroPlan Orlando Metropolitan Planning Organization's Adopted 2045 Metropolitan Transportation Plan (MTP) to reflect the Department's Work Program.

Update Table 8, Florida's Turnpike Enterprise - Cost Feasible Projects (pages 25-27). Please add the projects below into the document as described.

Facility Name	Project Description	Length (Miles)	Phase	Present Day Cost (Shown in Millions)	Plan Period
Osceola County					
SR 91 / Florida's Turnpike from US 192 to Partin Settlement Road	Widen to 8 Lanes	1.5	PE	\$3.00	2020-2025
			CST	\$76.00	2026-2030
SR 91 / Florida's Turnpike from Partin Settlement Road to Osceola Parkway	Widen to 8 Lanes	5.51	PE	\$16.00	2020-2025
			ROW	\$8.00	2020-2025
			CST	\$212.00	2020-2025
SR 91 / Florida's Turnpike at Nolte Road	New Interchange	N/A	PE	\$4.00	2020-2025
			CST	\$58.00	2020-2025

Facility Name	Project Description	Length (Miles)	Phase	Present Day Cost (Shown in Millions)	Plan Period
Osceola County					
SR 91 / Florida's Turnpike at US 192	Interchange Modification	N/A	PE	\$1.00	2020-2025
			CST	\$10.00	2026-2030
SR 91 / Florida's Turnpike at Osceola Parkway	Interchange Modification	N/A	PE	\$1.50	2020-2025
			CST	\$13.00	2020-2025
Orange County					
SR 91 / Florida's Turnpike at Sand Lake Road	New Interchange	N/A	ROW	\$2.00	2020-2025
			CST	\$77.00	2020-2025
SR 528 / Beachline Expressway at John Young Parkway	Interchange Modification	N/A	PE	\$1.40	2020-2025
			CST	\$8.40	2026-2030
Seminole County					
SR 417 / Seminole Expressway from Aloma Avenue to SR 434	Widen to 8 Lanes	6.40	PE	\$2.00	2020-2025
			CST	\$159.00	2020-2025
Osceola County					
SR 91 / Florida's Turnpike at Old Canoe Creek Road	New Partial Interchange	N/A	PE	\$1.00	Unfunded Needs
			CST	\$9.00	Unfunded Needs

Thank you for your assistance with this matter. If you have any questions, please contact me at (407) 264-3494.

Sincerely,



Siaosi Fine, MPO Liaison
Florida's Turnpike Enterprise

cc: Nick Lepp, MetroPlan Director of Transportation Planning
Carol Scott, Turnpike Planning Manager
Turnpike Work Program Office

TAB 3





Board Action Fact Sheet

Meeting Date: March 9, 2022

Agenda Item: IX.C (Tab 4)

Roll Call Vote: No

Action Requested:	Approval of the Draft Unified Planning Work Program (UPWP)
Reason:	The UPWP is a two year document that represents the MetroPlan Orlando working budget. It is one of the required documents that all MPOs must prepare and receive Board approval.
Summary/Key Information:	MPOs in the State of Florida are required to prepare a UPWP every two years. The UPWP defines in very general terms the work that the MPO staff will be doing over the planning period. Some of the tasks will be done with the assistance of our General Planning Consultants. For those tasks a more detailed Scope of Services is approved by the Federal Highway Administration before any work can be done.
MetroPlan Budget Impact:	The UPWP is the MetroPlan Orlando working budget
Local Funding Impact:	None
Committee Action:	CAC: N/A TSMO: N/A TAC: N/A MAC: N/A
Staff Recommendation:	Recommends approval of Draft UPWP for submittal to FDOT.
Supporting Information:	Staff will present the Draft UPWP with updated tasks

TAB 4





Board Action Fact Sheet

Meeting Date: March 9, 2022

Agenda Item: **VIII.G. (Tab 1)**

Roll Call Vote: No

Action Requested: Acknowledgement of MetroPlan Orlando's Annual Certification Report prepared by FDOT/D5.

Reason: MetroPlan Orlando undergoes a certification review each year. This is to ensure that MetroPlan Orlando is complying with all federal and state laws governing the transportation planning process, to identify noteworthy practices, to identify areas requiring additional attention and to evaluate the federal-state-regional partnership.

Summary/Key Information: The report covers a range of topics selected by FDOT/D5. A new format was implemented creating more dialogue between within the certification. This and the fact that MetroPlan Orlando staff can now provide responses to questions electronically are very positive steps that have been taken by the Department.

Another feature with this new format is the Risk Assessment Process pertaining to finances and invoicing. Based on the criteria established by the Department and with the business practices established by MetroPlan Orlando, we were given a Risk Assessment Point Total of "0" which is the best possible score. This will result in monitoring our invoices on an annual basis, rather than more frequently as will be done with higher risk organizations.

MetroPlan Budget Impact: None

Local Funding Impact: None

Committee Action:

CAC:	N/A
TSMO:	N/A
TAC:	N/A
MAC:	N/A

Staff Recommendation: Staff recommends acknowledgement.

Supporting Information: MetroPlan Orlando's 2022 Annual Certification Summary

This Certification review will be completed after the FDOT presents their findings to the MetroPlan Board in May with the full documentation.

TAB 5





2021 Corridor Retiming Program

WHY SIGNAL RETIMING

Signal retiming along corridors is a relatively low-cost Transportation Systems Management and Operations (TSMO) strategy that typically results in measurable benefits. Regular signal retiming helps improve traffic flow and account for changes in traffic patterns.



2021 Retiming Benefits



Reduced Travel
Time Delay
136,000
veh-hrs/yr



Fuel Savings
118,600
gal/yr



Reduced
Vehicle Emissions
1,150
tons CO₂/yr

Total Program Cost \$1.0 Million | Total Benefit Value \$7.7 Million Over 3 Years

Overall Benefit Cost (b/c) Ratio 7.7

Historic Benefit Cost (b/c) Ratios

2020 | 21.7

2019 | 14.1

2018 | 8.8

b/c ratios only consider corridor travel time savings

2021 KEY ACTIVITIES & FINDINGS

73%

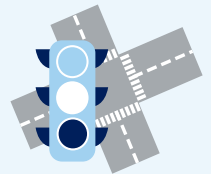
of corridors now
have **shorter
Travel Times**



Retimed 26 Corridors
(with 188 Intersections)

52%

of these intersections had
less **Intersection Delay**
during the peak-period



73%

of corridors now have
Reliable Travel Times
compared to 69% before retiming



73%

of corridors now have
Motorists Stopping
fewer times



SUMMARY BY COUNTY

Orange County

56%

Net Positive Benefit
10 of 18 Projects | b/c 7.5

Osceola County

100%

Net Positive Benefit
2 of 2 Projects | b/c 22.5

Seminole County

67%

Net Positive Benefit
4 of 6 Projects | b/c 1.2

metroplan orlando

A REGIONAL TRANSPORTATION PARTNERSHIP

TAB 6





Florida Department of Transportation

RON DESANTIS
GOVERNOR

719 S. Woodland Boulevard
DeLand, Florida 32720-6834

KEVIN J. THIBAUT, P.E.
SECRETARY

Orange, Osceola, and Seminole Counties Project Status Update as of January 31, 2022

The following is a brief status update on major FDOT road construction projects in Orange and Osceola counties as of the December cutoff. The next cutoff date is February 28, 2022. Information is also available on www.cflroads.com. For questions, please contact Anna Taylor at 386-943-5499 or via email at Anna.Taylor@dot.state.fl.us.

ORANGE COUNTY

Upcoming Projects:

442880-1 S.R. 500/U.S. 441 S.R. 500/U.S. 441 from S.R. 429 Connector to Jones Ave. Resurfacing

- Contract E58A2
- Contractor: Hubbard Construction Co.
- Construction Cost: \$5.8 million
- Estimated Project Start: Spring 2022
- Estimated Completion: Fall 2022

442905-1 U.S. 441 from C.R. 437A/Central Ave. to Bradshaw Rd. Resurfacing

- Estimated Cost: \$2.4 million
- Estimated Project Start: Late Spring 2022
- Estimated Completion: Late Fall 2022

Current Projects:

437634-1 SR 551 (Goldenrod Road) from SR 408 to SR 50

- Contract T5718
- Contractor: Southland Construction, Inc.
- Project Cost: \$11.25 million
- Project Start: August 2021
- Estimated Completion: Summer 2023

Current Projects:

439237-1 & 441146-1 S.R. 535 (Kissimmee-Vineland Road) Resurfacing from south of International Drive to south of Hotel Plaza Boulevard

- Contract E5Z93
- Project Start: March 2021

- Estimated Completion: Spring 2022
- Contractor is performing concrete work throughout the project. Crews are also working on drainage, conduit tie-ins and pedestrian poles. In addition, paving is scheduled to start on the project.

439880-7 Orange County Pedestrian Lighting Bundle G

- Contract T5638
- Project Start: January 2021
- Estimated Completion: Spring 2022
- Contractor is making intersection roadway lighting improvements on S.R. 426.

441144-1 & 435733-1 S.R. 527 (Orange Avenue) Resurfacing from S.R. 482 (Sand Lake Road) to Mandalay Road

- Contract T5717
- Project Start: August 2021
- Estimated Completion: Summer 2022
- The contractor is realigning crosswalks to comply with Americans with Disabilities Act (ADA) requirements, improving drainage and pedestrian signals, installing signs and pavement markings, and resurfacing existing roadway to accommodate buffered bike lanes.

Completed Projects:

441197-1 S.R. 426 (West Fairbanks Ave) from U.S. 17-92 to Ward Avenue turn lane extension, roadway resurfacing and sidewalk improvements

- Contract E53A6
- Contractor: Hubbard Construction Company
- Project Cost: \$320,200
- Project Start: Summer 2021 (August 16)
- Completed: December 2021

442088-1 S.R. 50 at Oberry Hoover Rd - Signals Installation

- Contract E54A0
- Contractor: Chinchor Electric, Inc.
- Project Cost: \$525,000
- Project Start: July 13, 2021
- Completed: January 2022

OSCEOLA COUNTY

Upcoming Projects:

447139-1 Pile Jackets, Joint Replacement Bridge Nos 920151 (SB) & 920152 (NB) Carrying S.R. 600 (U.S. 17-92) over Shingle Creek

- Contract E57A6
- Project Start: March 2022
- Estimated Completion: Spring 2022
- Contractor is rehabilitating and repairing the piles and joints on the southbound and northbound bridges that cross Shingle Creek.

Current Projects:

239714-1 S.R. 600 (U.S. 17-92) Widening from west of Poinciana Boulevard to Ham Brown Road (C.R. 535)

- Contract E5Z33
- Project Start: February 2019
- Estimated Completion: Spring 2022
- Contractor is sodding ditches, installing sidewalk, and mounting light poles and bases. Crews are also paving and working on the sound wall and driveway turnouts.

423446-9 SunRail Vehicle Storage and Light Maintenance Facility (VSLMF) Noise Wall

- Contract E59A0
- Project Start: September 2021
- Estimated Completion: Fall 2022
- Contractor is building a noise wall at the Vehicle Storage and Light Maintenance Facility (VSLMF) for the Central Florida Rail Corridor (CFRC) near Kissimmee, Florida along the Old Tampa Highway.

437451-1 S.R. 530/U.S. 192 (West Vine Street) from east of Shingle Creek Regional Park to east of Hoagland Boulevard

- Contract T5716
- Project Start: October 2021
- Estimated Completion: Summer 2022
- Contractor is widening a new left turn lane and installing traffic signals. Crews are also making lighting upgrades.

441021-1 S.R. 530/U.S. 192 Resurfacing from west of S.R. 417 to Bamboo Lane

- Contract E51A5
- Project Start: January 2021
- Estimated Completion: February 2022
- Contractor continues to work on drainage, signalization at intersections, paving and preliminary punch list items.

441036-1 & 439487-1 U.S. 441 (Kenansville Road) Resurfacing from Okeechobee County Line to S.R. 60 and S.R. 60 Widening from east of S.R. 15 (U.S. 441) to west of S.R. 91 (Florida Turnpike)

- Contract T5688
- Project Start: July 2021
- Estimated Completion: Summer 2022
- Contractor is working on clearing and grubbing, lighting, widening activities, and drainage.

443958-1 & 444329-1 S.R. 400 (I-4) from Polk County line to west of S.R. 417

- Contract T5728
- Project Start: November 2021
- Estimated Completion: Summer 2023
- Contractor is milling and resurfacing, creating base work, shoulder treatment, drainage improvements, shoulder gutter, lighting, overhead sign structures, guardrail, bridge culvert widening, bridge rail retrofit, pavement removal, and signing and pavement marking.

444187-1 S.R. 400 (I-4) at C.R. 532 (Champions Gate Boulevard) DDI from Goodman Road to Kemp Road

- Contract T5715
- Project Start: July 2021
- Estimated Completion: Fall 2022
- Contractor is converting the existing diamond interchange to a diverging diamond interchange (DDI). This includes adding curb and gutter sections; and modifying stormwater ponds for the proposed roadway improvements.

SEMINOLE COUNTY

Current Projects:

415030-6 Oviedo Ultimate SR 426/CR 419 from Pine Avenue to Avenue B

- Contract T5736
- Contractor: Masci
- Project Cost: \$18.2 million
- Project Start: January 2022
- Estimated Completion: Summer 2024

441019-1 SR 419 from US 17-92 to SR 434

- Project Cost: \$4.5 million
- Project Start: November 2021
- Estimated Completion: Late Spring 2022
- Resurfacing is underway. Regular progress meetings are being held

436679-1, 436679-2, 436857-1 Resurfacing/Widening U.S. 17-92 from north of Lake Mary Boulevard to north of Airport Boulevard, along with intersection improvements at Airport Boulevard

- Contract T5686
- Project Start: March 2021
- Estimated Completion: Summer 2022
- Contractor is working on Water-main/Force-main Pond grading, Sod placement, median widening, drainage, and signalization

440821-1 Ped/Safe Greenway Development ITS Communication

- Contract T5639
- Project Start: September 2019
- Estimated Completion: Early 2022
- Contractor is working with Orange County inspectors on getting final feedback, installing two traffic signal controllers, and testing GPS for as-builts.

434931-1 S.R. 436 from Boston Avenue to Anchor Road Improvements

- Contract T5680
- Project Start: May 2020
- Estimated Completion: Early 2022
- Contractor completing sidewalk construction and mast arm work from railroad tracks to plaza entrance

441211-1 Countywide ATMS-DMS Phase 1 Seminole County

- Contract E5Z94
- Project Start: May 2019
- Estimated Completion: Early 2022

Completed Projects:

240196-1 Widening U.S. 17-92 from Shepard Road to Lake Mary Boulevard

- Contract T5557
- Project Start: May 2016
- Project Completed: January 2022

Board Meeting Highlights – February 9, 2022

- **Chairwoman's Announcements:** Chair Mayra Uribe opened the meeting at 9:05 a.m. Commissioner Viviana Janer, Osceola County, led the Pledge of Allegiance. Chair Uribe welcomed the new Committee chairs. Commissioner Uribe report on the January 27th MPOAC meeting. Chair Uribe announced her being elected to the At-Large position on the MPOAC Executive Committee. Mayor Demings reported on the February 3rd Commuter Rail Commission meeting. Commissioner Zembower reported on the February 4th Central Florida MPO Alliance meeting.
- **MetroPlan Orlando Executive Director's Announcements:** Mr. Gary Huttman thanked Board members for their attendance, and he acknowledged City of Orlando Commissioner Patty Sheehan as an alternate for Commissioner Ortiz and Mr. Jack Adkins present representing District Secretary Perdue. Mr. Huttman introduced new Committee Chairs: Mr. Jeffrey Campbell (CAC), Mr. Ramon Senorans (TSMO), and Ms. Lee Pulham (TAC). Mr. Huttman included highlights of staff involvement with the MPOAC Institute, NARC and AMPO. He congratulated LYNX on receiving a \$300,000 grant for S.R. 436 proposed BRT line, Lastly, he called attention to information placed in the supplemental folders. Mr. Huttman congratulated Chair Uribe on her election to the MPOAC Executive Committee. He briefed the Board members on his virtual participation in the January 6th Charlotte NC TPO Board member orientation. Mr. Huttman alerted Board members that the next round of Committee meetings will be held in the hybrid format. Lastly, he called attention to information placed in the supplemental folders.
- **Agenda Review:** Mr. Huttman reported that there are no changes to the agenda.
- **Public Comments:** Ms. Joanne Counelis commented on the need for bus shelters at certain sites in Seminole County.
- Unanimously **Approved** Consent Items: A through E.
- Unanimously **Approved** the support for Performance Measures and Targets.
- Unanimously **Approved** Goals and Objectives and Use of MetroPlan TMA Funds.
- **Information Items for Acknowledgement:** Items A-Q were unanimously approved.
- **Other Business:** Presentations: **2022 Legislative Update** (Ms. Virginia L. Whittington, MetroPlan Orlando staff); **2023/2024 Unified Work Program Presentation** (Mr. Nick Lepp MetroPlan Orlando staff); **Annual Report on Best Foot Forward** (Ms. Emily Hanna)
- **Public Comments:**
 - Ms. Joanne Counelis commented on the need for 24-hour bus and SunRail service 7 days a week.
 - Mr. Naqiy McMullen, addressed the Board expressing the need to prioritize multimodal transit and increased efforts for pedestrian safety.
- **Board Member Comments:** Orange County Mayor Jerry Demings provided an update on the sales tax initiative and public engagement efforts.
- **Next Board Meeting – March 9, 2022**

LYNX to Receive \$300,000 Federal Transit Administration Grant

[Home](#) | [News and Events](#) | LYNX to Receive \$300,000 Federal Transit Administration Grant
The Central Florida Regional Transportation Authority (LYNX) has been notified it will receive a \$300,000 grant from the Federal Transit Administration (FTA) Pilot Program for Transit-Oriented Development (TOD) Planning.

This nationwide funding program of \$11 million has been awarded to 20 projects in 12 states. Each project will support President Joe Biden's call to combat climate change, advance environmental justice and promote equitable delivery of benefits to underserved communities.

LYNX will use the grant funding to construct nine proposed bus rapid transit stations along 6.25 miles of SR 436 near Orlando.

"The Central Florida community will be extremely grateful that we received this grant award for our bus rapid transit stations project," said LYNX CEO, James (Jim) E. Harrison, Esq., P.E. "This grant funding will play a pivotal role in our continued commitment to improving the efficiency of our services, and we are confident that it will prove beneficial to increasing our access in the communities we serve."

Funding through the FTA's TOD program will help organizations nationwide plan for transportation projects connecting communities and improving access to transit and affordable housing.

Support from U.S Reps. Stephanie Murphy (FL-07), Darren Soto (FL-09) and Val Demings (FL-10) has helped LYNX secure the grant funding through a competitive process.

-LYNX-

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