



metroplan orlando
A REGIONAL TRANSPORTATION PARTNERSHIP

COMMUNITY ADVISORY COMMITTEE AGENDA

October 28, 2020 • 9:30 A.M.



metroplan orlando

A REGIONAL TRANSPORTATION PARTNERSHIP

COMMUNITY ADVISORY COMMITTEE
VIRTUAL MEETING NOTICE

DATE: Wednesday, October 28, 2020, at 9:30 a.m.

PUBLIC ACCESS: To join the meeting from your computer, tablet or smartphone, please use this link:

<https://us02web.zoom.us/j/85980145345?pwd=c2tCS1FUVzYvWHphTXBmSTE1RXR0UT09>

Passcode: 604372

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

<https://metroplanorlando.org/meetings/community-advisory-committee-virtual-meeting-10-28-20/>

The MetroPlan Orlando offices are closed to the public in response to the COVID-19 pandemic. Members of the public may access this virtual meeting and participate via the Zoom link above, or by dialing in. 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.us.

MetroPlan Orlando offers tips for virtual meeting participation on our website. Tip sheets include:

- [How to get technically set up for the virtual meeting](#)
- [How meeting roles and public participation happen virtually](#)
- [Steps and options for making a public comment at a virtual meeting](#)

This information can be accessed at: MetroPlanOrlando.org/Virtualmeetings

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 – Chairwoman Sarah Elbadri
- II. PLEDGE OF ALLEGIANCE (On Mute)
- III. CHAIRWOMAN’S COMMENTS – Chairwoman Sarah Elbadri
- IV. AGENDA REVIEW– Ms. Mary Ann Horne
- V. COMMITTEE ROLL CALL AND CONFIRMATION OF QUORUM – Ms. Cathy Goldfarb
- VI. 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 moderator 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.

VII. ACTION ITEMS

A. Approval of August 26, 2020 Meeting Minutes (Tab 1)

Approval is requested of the August 28, 2020 meeting minutes, provided at **Tab 1**.

B. FDOT Amendment to FY 2020/21 - 2024/25 TIP (Tab 2)

FDOT is requesting that the FY 2020/21 - 2024/25 TIP be amended to replace state funds with local funds for the design of a SR 436 resurfacing project and replace federal SU funds with local funds for the design of the Longwood South Pedestrian Corridor project. Three new railroad crossing safety projects in Orange County are also being added.

Mr. Keith Caskey, MetroPlan Orlando staff, will present an overview of the amendment request. A letter from FDOT explaining the amendment request is provided in **Tab 2**, along with a fact sheet prepared by MetroPlan Orlando staff and the draft resolution to be presented at the November 18th Board meeting.

C. Proposed 2021 Board/Committee Meeting Schedule (Tab 3)

Staff is requesting approval of the 2021 MetroPlan Orlando Advisory Board/Committee Meeting Schedule, a copy of which is provided at **Tab 3**.

VIII. PRESENTATIONS AND STATUS REPORTS

A. 2045 MTP – Status Update on Public Participation

Ms. Cynthia Lambert, MetroPlan Orlando staff, will give a status update on public participation efforts for the 2045 Metropolitan Transportation Plan (MTP).

B. 2045 MTP – Preview of Cost Feasible Plan

Mr. Alex Trauger, MetroPlan Orlando staff, will provide a preview of the 2045 MTP Cost Feasible Plan. The MTP Cost Feasible Plan will be presented to the MetroPlan Orlando Board for approval at the December 9th meeting.

C. 2045 MTP – Preview of Congestion Management Process

Ms. Lara Bouck, MetroPlan Orlando staff, will give a preview of the 2045 MTP Congestion Management Process (CMP) which will be included in the approval of the MTP at the December 9th Board meeting.

IX. GENERAL INFORMATION (Tab 4)

A. FDOT Quarterly Variance Report

The latest FDOT Quarterly Variance Report for the Orlando area will be provided.

B. FDOT Monthly Construction Status Report

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

C. Air Quality Report

The latest air quality report for the MetroPlan Orlando area is enclosed.

D. MetroPlan Orlando Board Highlights

A copy of the September 9, 2020 Board Meeting Highlights is enclosed.

E. LYNX Press Releases

A set of press releases from LYNX is enclosed.

F. Bicycle & Pedestrian Activities Update

Information on bicycle and pedestrian activities in the region is enclosed.

X. UPCOMING MEETINGS OF INTEREST

A. Next Community Advisory Committee meeting

The next CAC meeting will be on **December 2, 2020** at 9:30 a.m. (**NOTE:** As approved by the Board at their September 9th meeting, the next CAC meeting will be held as a virtual workshop during which action items will be reviewed and discussed, but no formal action taken. A committee report will be presented to the MetroPlan Orlando Board and items approved by the board may be ratified at a future in-person CAC meeting.)

B. 2045 MTP Working Group Meetings

MetroPlan Orlando's 2045 MTP Working Group is scheduled to meet on **November 3, 2020** at 9:30 a.m. This will be a virtual meeting.

C. Next MPO Board Meeting

The next MetroPlan Orlando Board meeting will be held on **November 18, 2020** at 9:00 a.m.. (**NOTE:** The next MetroPlan Orlando board meeting will be held as a hybrid meeting with a physical quorum of board members. A limited number staff and members of the public will be permitted in order to accommodate social distancing. Other board members, staff, all presenters, and members of the public may join the meeting virtually on Zoom.)

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 moderator 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





metroplan orlando

A REGIONAL TRANSPORTATION PARTNERSHIP

COMMUNITY ADVISORY COMMITTEE MEETING MINUTES

DATE: Wednesday, August 26, 2020

LOCATION: Virtual

TIME: 9:30 a.m.

Chairwoman Sarah Elbadri, presided

Members in attendance were:

Mr. Jeffrey Campbell, MetroPlan Appointee
Ms. Karolyn Campbell, MetroPlan Appointee
Ms. Nilisa Council MetroPlan Appointee
Mr. Gregory Eisenberg, MetroPlan Appointee
Ms. Sarah Elbadri, City of Orlando
Mr. Brady Lessard, City of Sanford
Mr. Hector Lizasuain, Osceola County
Ms. Gigi Moorman, Orange County
Ms. Theresa Mott, City of Apopka
Mr. R.J. Mueller, MetroPlan Appointee
Mr. Thomas O'Hanlon, Seminole County
Mr. Brindley Pieters, Seminole County
Mr. Jeff Piggrem, Alternate
Ms. Marissa Salas, MetroPlan Appointee
Dr. Dan Stephens, MetroPlan Appointee
Ms. Theo Webster, MetroPlan Appointee
Ms. Venise White, MetroPlan Appointee

Others in attendance were:

Ms. Judy Pizzo, FDOT
Ms. Rakinya Hinson, FDOT
Mr. Saiosi Fine, FTE
Mr. Bruce Detweiler, LYNX
Ms. Cynthia Lambert, MetroPlan Orlando
Mr. Keith Caskey, MetroPlan Orlando
Mr. Alex Trauger, MetroPlan Orlando

Members not in attendance were:

Ms. Asima Azam, Orange County
Mr. Edmund Cid, City of Kissimmee
Mr. Bill Dehlinger, MetroPlan Appointee
Mr. Russ Hauck, City of Altamonte Springs
Mr. Douglas Henley, Alternate
Mr. Tyghe (T.J.) Legacy-Cole,
MetroPlan Appointee
Mr. Atlee Mercer, Osceola County
Mr. Casmore Shaw, Osceola County
Mr. Adam Valencic, MetroPlan Appointee
Mr. Scott Zubarik, MetroPlan Appointee
Vacant, Seminole County
Vacant, MetroPlan Appointee
Vacant, MetroPlan Appointee
Vacant, MetroPlan Appointee
Vacant, City of St. Cloud
Vacant, Orange County

Ms. Virginia Whittington, MetroPlan Orlando
Mr. Nick Lepp, MetroPlan Orlando
Mr. Gary Huttman, MetroPlan Orlando
Ms. Lara Bouck, MetroPlan Orlando
Ms. Sarah Larsen, MetroPlan Orlando
Mr. Jason Loschiavo, MetroPlan Orlando
Ms. Leilani Vaiaoga, Metroplan Orlando
Ms. Virginia Whittington, MetroPlan Orlando
Ms. Lisa Smith, MetroPlan Orlando
Ms. Mary Ann Horne, Metroplan Orlando
Ms. Cathy Goldfarb, MetroPlan Orlando

A complete listing of other attendees may be obtained upon request.

I. CALL TO ORDER

Chairwoman Sarah Elbadri welcomed everyone and called the Community Advisory Committee meeting to order at 9:30 a.m.

II. PLEDGE OF ALLEGIANCE

Mr. Jeffrey Campbell led the Pledge of Allegiance.

III. CHAIRMAN'S COMMENTS

Chairwoman Elbadri thanked Vice Chairman Campbell for chairing the June CAC meeting. She detailed the virtual meeting guidelines, various Zoom platform features, and public comment procedures. She noted that the virtual meetings were accessible to all.

IV. AGENDA REVIEW

Ms. Mary Ann Horne thanked everyone for their participation in the virtual meetings. She noted that staff has not determined in what format future meetings will be held and are seeking board direction. Ms. Horne detailed the raise hand and chat features on Zoom. She called attention to the FTP presentation later in the agenda and the survey participation that is part of that presentation. Ms. Horne noted that there were no changes to the agenda and that they were ready to move forward.

V. CONFIRMATION OF QUORUM

Ms. Cathy Goldfarb conducted the attendance roll call and confirmed that a quorum was present.

VI. PUBLIC COMMENTS ON ACTION ITEMS

None.

VII. ACTION ITEMS

A. Approval of June 24, 2020 Meeting Minutes

Approval was requested of the June 24, 2020 meeting minutes, which were provided.

MOTION: Mr. Brindley Pieters moved for approval of the June 24, 2020 meeting minutes. Dr. Dan Stephens seconded the motion, which passed unanimously.

B. FDOT Amendment to FY 2020/21 - 2024/25 TIP

Mr. Keith Caskey, MetroPlan Orlando staff, requested the CAC to recommend that the FY 2020/21 - 2024/25 Transportation Improvement Program (TIP) be amended to include projects that had funds rolled forward from the previous TIP. A letter from the Florida Dept. of Transportation (FDOT) explaining the amendment request was provided, along with the FDOT Roll Forward Report, a fact sheet prepared by MetroPlan Orlando staff and the draft resolution to be presented at the Sept. 9 MetroPlan Orlando Board meeting. Mr. Caskey reviewed the reason for the amendment request and provided some key information.

MOTION: Mr. Tom O'Hanlon moved for approval of the amendment to the FY2020/21 - 2024/25 Transportation Improvement Program. Ms. Theresa Mott seconded the motion, which passed unanimously.

C. FDOT Amendment to FY 2020/21 - 2024/25 TIP

Mr. Keith Caskey, MetroPlan Orlando staff, requested the CAC to recommend that the FY 2020/21 - 2024/25 TIP be amended to include SunRail projects that had funds rolled forward from the previous TIP. A letter from FDOT SunRail staff explaining the amendment request was provided, along with a fact sheet prepared by MetroPlan Orlando staff and the draft resolution to be presented at the Sept. 9 MetroPlan Orlando Board meeting. Mr. Caskey reviewed the reason for the amendment request and provided some key information.

MOTION: Mr. Tom O'Hanlon moved for approval of the amendment to the FY2020/21 - 2024/25 Transportation Improvement Program. Ms. Nilisa Council seconded the motion, which passed unanimously.

D. Re-adoption of FY 2025/26 - 2039/40 Prioritized Project List

Action was requested by Mr. Nick Lepp, MetroPlan Orlando staff, to recommend the re-adoption of the FY 2025/26 - 2039/40 Prioritized Project List (PPL) to add projects and funding identified in the FY 2020/21 - 2021/22 Unified Planning Work Program. The PPL was originally adopted by the MetroPlan Orlando Board on June 29, and this re-adoption does not include any re-ranking of projects or changes in local government priorities. A fact sheet was provided, and the revised PPL document can be reviewed at:

https://metroplanorlando.org/wp-content/uploads/DRAFT_Ranked_PrioritizedProjectList_26_2040-Aug2020.pdf

Mr. Lepp told CAC members that the only change was the addition of a line item for special local projects such as Corrine Drive.

MOTION: Mr. Tom O'Hanlon moved for approval of the FY 2025/26 - 2039/40 Prioritized Project List. Dr. Dan Stephens seconded the motion, which passed unanimously.

E. Updated CAC Bylaws

Action was requested by Ms. Virginia Whittington, MetroPlan Orlando staff, to recommend approval of the updated CAC bylaws, which were provided. Ms. Whittington reviewed the proposed revisions to the CAC bylaws. Dr. Dan Stephens commented that with a number of absentees, it was a positive step to remove those members and add members who are interested in serving. Ms. Whittington told CAC members that an annual call will be conducted for interested candidates. Ms. Nilisa Council asked about suggesting or nominating candidates. Ms. Whittington responded that CAC members could direct potential applicants to the appropriate channels to apply during the annual call for applicants. Chairwoman Elbadri asked Ms. Whittington to explain the process of adding new CAC members.

MOTION: Ms. Nilisa Council moved for approval of the updated CAC bylaws. Ms. Theresa Mott seconded the motion, which passed unanimously.

VIII. PRESENTATIONS AND STATUS REPORTS

A. 2045 MTP – Status Update on Preliminary Needs

Mr. Alex Trauger, MetroPlan Orlando staff, provided a status update on the preliminary needs portion of the 2045 Metropolitan Transportation Plan (MTP). Mr. Trauger explained the multimodal needs assessment methodology and the preliminary findings multi-criteria analysis along with the needs and opportunities categories. He reviewed the roadway network, TSM&O, transit system and bicycle/pedestrian needs. Mr. Trauger told CAC members that an interactive online data viewer is being developed for the MetroPlan Orlando website. In addition, he provided information on the next steps in both planning and participation. Mr. Trauger reported that the MTP Working Group was scheduled to meet September 16th at 10:00 a.m. He encouraged committee members to attend if they wanted more in-depth information. Mr. Jeff Piggrem requested an update on the potential light rail corridor within I-4 right-of-way,

B. 2045 MTP – Status Update on Public Outreach

Ms. Cynthia Lambert, MetroPlan Orlando staff, gave a status update on public outreach efforts for the 2045 MTP. Ms. Lambert reviewed the in-person pre-pandemic outreach approach and the current approach, which includes webinars, videos and a market research survey. She provided statistics on webinar participation and information on planned videos. Ms. Lambert covered the background information on the market research survey and survey outcomes including top three desired changes. She called attention to the 2020 Annual Report, which had been sent via mail and electronically. In addition, she provided a sampling of pre-pandemic youth outreach letters from local elementary school students.

C. Presentation on 2045 Florida Transportation Plan

Ms. Judy Pizzo, FDOT, gave a presentation on FDOT's 2045 Florida Transportation Plan. Ms. Pizzo told CAC members why the FTP matters and reviewed the current plan's three elements: vision, policy for the 25-year horizon, and implementation. She provided information on past emphasis areas noting that the goals are intact. Ms. Pizzo covered the four FTP objective cross cutting topics, which include technology, resilience, state/interregional, and regional/local. She followed up with a series of survey questions that CAC members answered by providing their input through the Poll Everywhere platform.

D. Presentation on the LYNX Automated Vehicle Service Project

Ms. Lara Bouck, MetroPlan Orlando staff, provided a brief overview of the ongoing LYNX Automated Vehicle (AV) service project, with a focus on the online survey to obtain more input from potential users. Ms. Bouck reviewed the four areas the survey was looking to get input on: AV awareness, opportunities/barriers, AV features desired, and the best fit for LYNX. She provided the link to the online survey and requested that survey responses be submitted in the next couple of weeks.

IX. GENERAL INFORMATION

A. FDOT Monthly Construction Status Report

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

B. Air Quality Report

The latest air quality report for the MetroPlan Orlando area was provided.

C. MetroPlan Orlando Board Highlights

A copy of the June 29, 2020 Board Meeting Highlights was provided.

X. UPCOMING MEETINGS OF INTEREST

A. Next Community Advisory Committee meeting

The next CAC meeting is scheduled on Oct. 28, 2020 at 9:30 a.m. MetroPlan Orlando staff will update members concerning the format of this meeting. The date of the remaining CAC meeting for 2020 will be 12/2/20.

B. 2045 MTP Working Group Meetings

MetroPlan Orlando's 2045 MTP Working Group is scheduled to meet on the following dates:

- **Sept. 16, 2020** at 10:00 a.m.
- **Nov. 3, 2020** at 9:30 a.m.

C. Next MPO Board Meeting

The next MetroPlan Orlando Board meeting will be held on Sept. 9, 2020 at 9:00 a.m. This will be a virtual meeting.

XI. MEMBER COMMENTS

Mr. Tom O'Hanlon expressed concern the Google maps did not have updated, current information on the I-4 Ultimate and expressway changes, which made it dangerous for self-driving vehicles and could cause crashes.

Mr. Jeff Piggrem commented that he hoped that existing corridors could be leveraged long-term, along with autonomous and connected vehicles, to maximize road capacity. He noted that a worker looking for affordable housing, encounters significant commuting costs and that Central Florida needs a more equitable transportation cost solution. He added that the community needs to look into transit as a solution long-term.

Ms. Rakinya Hinson, FDOT, commented that she would research the Google map issue.

XII. PUBLIC COMMENTS (GENERAL)

None.

XIII. ADJOURNMENT

There being no further business, the meeting adjourned at 11:26 a.m.

Respectfully transcribed and submitted by Ms. Cathy Goldfarb, MetroPlan Orlando.

Approved this 28th day of October 2020.

Ms. Sarah Elbadri, Chairwoman

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





Board Action Fact Sheet

Meeting Date: November 18, 2020

Agenda Item: IX.A (Tab 2)

Roll Call Vote: Yes

Action Requested: FDOT requests approval of an amendment to the FY 2020/21 - 2024/25 Transportation Improvement Program.

Reason: Two existing projects in the TIP are having funds replaced and three new projects are being added.

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

- Replaces \$650,000 in DDR funds for the design of the resurfacing of SR 436 from Northlake Blvd./Cranes Roost Blvd. to Boston Avenue in FY 2020/21 with local funds from the City of Altamonte Springs; and increases the DIH funds for design from \$10,000 to \$25,782 in FY 2020/21.
- Replaces \$72,000 in SU funds for the design of the Longwood South Pedestrian Corridor project in FY 2021/22 with local funds from the City of Longwood. The SU funds will be put back into the Bicycle & Pedestrian Contingency Box for the MetroPlan Orlando region.
- Adds \$84,149 in RHP funds in FY 2020/21 for construction of a railroad crossing safety project on W. Wewahootee Road in Orange County.
- Adds \$199,600 in RHP funds in FY 2020/21 for construction of a railroad crossing safety project on the OUC rail line at Wetherbee Road south of Palmbay Drive in Orange County.
- Adds \$206,083 in RHP funds in FY 2020/21 for construction of a railroad crossing safety project on the OUC rail line at Wetherbee Road north of Jetstream Drive in Orange County.

MetroPlan Budget Impact: None

Local Funding Impact: None

Committee Action:

TSMO:	To be taken up on October 23, 2020
TAC:	To be taken up on October 23, 2020
CAC:	To be taken up on October 28, 2020
MAC:	To be taken up on November 12, 2020

Staff Recommendation: Recommends approval

Supporting Information: These documents are provided at Tab 2:

FDOT letter dated October 7, 2020

Proposed Board Resolution No. 20-16



Florida Department of Transportation

RON DESANTIS
GOVERNOR

719 S. Woodland Boulevard
DeLand, Florida 32720-6834

KEVIN J. THIBAUT, P.E.
SECRETARY

October 7, 2020

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

Dear Mr. Huttman:

Subject: REQUEST FOR TRANSPORTATION IMPROVEMENT PROGRAM CHANGES

The Florida Department of Transportation (FDOT) requests the following changes to be made to MetroPlan Orlando Metropolitan Planning Organization's Adopted Fiscal Years 2020/2021 – 2024/2025 Transportation Improvement Program (TIP) in coordination with the corresponding changes to the Department's Adopted Work Program. Please make sure that you put the amendment date on your cover page of the amended TIP and the page of the TIP that the project is listed on.

SEMINOLE COUNTY

FM#441140-1 SR 436 From Northlake Blvd/Cranes Roost Blvd to Boston Ave

Current TIP Status:

Project is currently in the TIP for Fiscal Years 2020/2021 – 2024/2025. TIP limits are SR 436 from Wymore Rd. to Boston Ave.

Current TIP:

Phase	Original Funding Type	Original Amount	Fiscal Year
Preliminary Engineering	DDR (State funds)	\$650,000	2021
Preliminary Engineering	DIH (State funds)	\$10,000	2021
	TOTAL	\$660,000	

Proposed Amendment:

Phase	Original Funding Type	Amended Amount	Fiscal Year
Preliminary Engineering	DDR (State)	\$0	2021
Preliminary Engineering	DIH (State funds)	\$25,782	2021
	TOTAL	\$25,782	

Difference: DDR (State) funds (\$650,000) in Fiscal Year 2020/2021 have been removed. DIH (In house) charges have increased.

Explanation: The City of Altamonte Springs has elected to design the project (with LF funds) and the DDR funds are no longer needed for Fiscal Year 2020/2021. The project limits in the TIP and the STIP do not match.

FM#444681-1**Longwood South Pedestrian from W of SR 434 to N of Ronald Reagan CR427.****Current TIP Status:**

Project is currently in TIP for Fiscal Years 2020/2021 – 2024/2025. TIP limits are Longwood South Pedestrian Corridor on Milwee St. & Warren Ave.

Current TIP:

Phase	Original Funding Type	Original Amount	Fiscal Year
Preliminary Engineering	SU (Federal)	\$72,000	2022
	TOTAL	\$72,000	

Proposed Amendment:

Phase	Original Funding Type	Amended Amount	Fiscal Year
Preliminary Engineering	SU (Federal)	\$0	2022
	TOTAL	\$0	

Difference: SU (Federal) funds in Fiscal Year 2021/2022 has been removed. The project limits in the TIP and the STIP do not match.

Explanation: The City of Longwood has decided not to pursue Federal funding for the design of the above project.

ORANGE COUNTY**FM# 447778-1****W WEWAHOOTEE RD @ RR CROSSING #643834G****Current TIP Status:**

Project is not currently in the TIP for Fiscal Years 2020/2021 – 2024/2025.

Proposed Amendment:

Phase	Original Funding Type	Amended Amount	Fiscal Year
Railroad and Utilities	RHP	\$84,149	2021
	TOTAL	\$84,149	

Difference: New Railroad Safety project with RHP funds added.

Explanation: New Railroad Safety project with added funds need to be reflected in TIP for Fiscal Years 2020/2021 – 2024/2025.

FM# 447783-1**E WETHERBEE RD @ RR CROSSING #621601Y****Current TIP Status:**

Project is not currently in TIP for Fiscal Years 2020/2021 – 2024/2025.

Proposed Amendment:

Phase	Original Funding Type	Amended Amount	Fiscal Year
Railroad and Utilities	RHP	\$199,600	2021
	TOTAL	\$199,600	

Difference: New Railroad Safety project with RHP funds added.

Explanation: New Railroad Safety project with added funds need to be reflected in TIP for Fiscal Years 2020/2021 – 2024/2025.

FM# 447785-1 WETHERBEE RD @ RR CROSSING #621602F

Current TIP Status:

Project is not currently in the TIP for Fiscal Years 2020/2021 – 2024/2025.

Proposed Amendment:

Phase	Original Funding Type	Amended Amount	Fiscal Year
Railroad and Utilities	RHP	\$206,083	2021
	TOTAL	\$206,083	

Difference: New Railroad Safety project with RHP funds added.

Explanation: New Railroad Safety project with added funds need to be reflected in TIP for Fiscal Years 2020/2021 – 2024/2025.

Sincerely,

DocuSigned by:

2DC39093FAEA48F...

Vickie Wyche, MPO Liaison
District Five

cc: Kellie Smith, Planning Manager, FDOT
 Anna Taylor, Government Liaison Administrator, FDOT
 Jo Santiago, Transit Liaison

Resolution No. 20-16**Subject:****Amendment to the FY 2020/21 - 2024/25
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 2020/21 - 2024/25 Transportation Improvement Program (TIP) in accordance with the MetroPlan Orlando Internal Operating Procedures; and

WHEREAS, the requested amendments are described as follows:

Orange County

- **FM #4477781** – Rail Crossing Safety Project on W. Wewahootee Road in Orange County - Funding consists of \$84,149 in RHP funds for construction in FY 2020/21;
- **FM #4477831** – Rail Crossing Safety Project on Wetherbee Road south of Palmbay Drive in Orange County - Funding consists of \$199,600 in RHP funds for construction in FY 2020/21;
- **FM #4477851** – Rail Crossing Safety Project on Wetherbee Road north of Jetstream Drive in Orange County - Funding consists of \$206,083 in RHP funds for construction in FY 2020/21;

Seminole County

- **FM #4411401** – SR 436 from Northlake Blvd./Cranes Roost Blvd. to Boston Avenue – Resurfacing – Replaces \$650,000 in DDR funds for design in FY 2020/21 with local funds from the City of Altamonte Springs and increases the DIH funds for design in FY 2020/21 from \$10,000 to \$25,782;
- **FM #4446811** – Longwood South Pedestrian Corridor from west of SR 434 to north of Ronald Reagan Blvd. – Replaces \$72,000 in SU funds for design in FY 2021/22 with local funds from the City of Longwood; 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 amendments to the FY 2020/21 - 2024/25 Transportation Improvement Program be approved as requested.

Passed and duly adopted at a regular meeting of the MetroPlan Orlando Board on the 18th day of November, 2020.

Certificate

The undersigned duly qualified 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.

Honorable Bob Dallari, Chairman

Attest:

Cathy Goldfarb, Sr. Board Services Coordinator
and Recording Secretary

TAB 3





DRAFT MetroPlan Orlando
2021 Board & Committee Meeting Schedule
 250 S. Orange Avenue, Suite 200
 Orlando, FL 32801

	MetroPlan Orlando Board	Community Advisory Committee (CAC)	Technical Advisory Committee (TAC)	TSMO***	TDLCB***	Municipal Advisory Committee (MAC)
	2 nd Wednesday @ 9:00 a.m.	4 th Wednesday @ 9:30 am.	4 th Friday @ 10:00 a.m.	4 th Friday @ 8:30 a.m.	2 nd Thursday Quarterly @ 10:00 a.m.	Thursday prior to the Board meeting @ 9:30 a.m.
January		January 27	January 22	January 22		
February	February 10	February 24	February 26	February 26	February 11	February 4
March	March 10					March 4
April		April 28	April 23	April 23		
May	May 12	May 26	May 28	May 28	May 13	May 6
June	June 9	June 23	June 25	June 25		June 3
July	July 14					July 8
August		August 25	August 27	August 27	August 12	
September	September 8					September 2
October		October 27	October 22	October 22		
November	November 10				November 18	November 4
December	December 8	December 1*	December 3*	December 3*		December 2

No meeting
 * Holiday Adjustment
 ** Adjustment Due to Conflict

*** TSMO – Transportation Systems Management & Operations
 TDLCB – Transportation Disadvantaged Local Coordinating Board

TAB 4





FDOT District Five - Orlando and Oviedo Operations
420 West Landstreet Road, Orlando, 32824
2400 Camp Road, Oviedo, 32765
Orlando: 321-319-8100 Oviedo: 407-278-2800

Outside Consultant
In-House Construction
Maintenance

Project Status Report as of September 20, 2020

ORANGE						
SR 423 (John Young Parkway) from SR 50 to Shader Road						
FIN #	239496-3-52-01					
CONTRACT #	T5538					
Conventional Pay Item						
PROJECT DESCRIPTION: Widen SR 423 (John Young Parkway) from four to six lanes from SR 50 to Shader Road.						
					TIME	COST
CONTRACTOR:	Southland Construction Inc.	LET DATE:	8/30/2017	ORIGINAL:	765	\$27,752,000.00
FED. AID #:	8785019U	NTP:	11/07/2017	CURRENT:	998	\$27,937,262.78
FUND TYPE	Construction	TIME BEGAN:	1/8/2017	ELAPSED:	930	\$23,813,494.84
		WORK BEGAN:	1/8/2017	% ORIGINAL:	121.57%	85.81%
		EST. COMPLETION:	Fall 2020	% TO DATE:	93.19%	85.24%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		John Bailey	C: 407-466-4387		john.bailey@kisingercampo.com	
FDOT PROJECT MANAGER		Carlton Daley	O: 321-319-8129 C: 407-832-1694		carlton.daley@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Jomo K. Forbes	O: 407-889-9844 C: 407-496-4274		JomoF@southlandconstruction.com	

ORANGE						
SR 482 (Sand Lake Road) from West of International Drive to East of Florida's Turnpike						
FIN #	407143-4-52-01, 407143-5-52-01, 407143-6-62-01					
CONTRACT #	T5552					
Conventional Pay Item						
PROJECT DESCRIPTION: Widen and reconstruct Sand Lake Boulevard from west of International Drive to east of Florida's Turnpike, including International Drive from Jamaican Court to North of Sand Lake Road						
					TIME	COST
CONTRACTOR:	Prince Contracting LLC	LET DATE:	6/08/2016	ORIGINAL:	1,050	\$75,824,482.00
FED. AID #:	MULT009R	NTP:	8/18/2016	CURRENT:	1,378	\$80,162,159.92
FUND TYPE	Construction	TIME BEGAN:	10/14/2016	ELAPSED:	1,354	\$77,418,904.02
		WORK BEGAN:	10/14/2016	% ORIGINAL:	128.95%	102.10%
		EST. COMPLETION:	Fall 2020	% TO DATE:	98.26%	96.58%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Robert Murphy	O: 407-875-8900 C: 813-918-6390		rpmurphy@transystems.com	
FDOT PROJECT MANAGER		Trevor Williams	O: 321-319-8138 C: 407-625-4360		trevor.williams@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Neil Parekh	O: 407-737-6741 C: 305-753-8621		nparekh@princecontracting.com	

ORANGE						
SR 414 (Maitland Blvd) from SR 400 (I-4) to CR 427 (Maitland Ave)						
FIN #	424217-1-52-01					
CONTRACT #	T5625					
Conventional Pay Item						
PROJECT DESCRIPTION: Widen of State Road (S.R.) 414 / Maitland Boulevard from east of Interstate 4 (I-4) (Hope Road) to east of County Road (C.R.) 427 (Maitland Avenue) from a suburban 4-lane facility to an urban 6-lane facility.						
					TIME	COST
CONTRACTOR:	Masci Construction	LET DATE:	10/31/2018	ORIGINAL:	480	\$7,136,709.34
FED. AID #:	D517056B	NTP:	1/07/2019	CURRENT:	625	\$7,530,254.00
FUND TYPE	Construction	TIME BEGAN:	2/6/2019	ELAPSED:	574	\$6,659,588.95
		WORK BEGAN:	2/6/2019	% ORIGINAL:	119.58%	93.31%
		EST. COMPLETION:	Late 2020	% TO DATE:	91.84%	88.44%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Peter Crespi	O: 407-278-2723 C: 407-325-9728		peter.crespi@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		David Jewett	O: 386-322-4500 C: 386-281-9042		david.jewett@mascigc.com	

Project Status Report as of September 20, 2020

ORANGE						
SR 435 (Kirkman Road) from North of SR 482 (Sand Lake Road) to South of SR 408 (excluding north of International Drive to Major Boulevard)						
FIN #	437341-1-52-01					
CONTRACT #	T5628					
Construction						
PROJECT DESCRIPTION: Milling and resurfacing Kirkman Road (State Road (S.R.) 435) from north of Sand Lake Road (S.R. 482) to south of S.R. 408						
					TIME	COST
CONTRACTOR:	Southland Construction Inc.	LET DATE:	5/22/2019	ORIGINAL:	650	\$16,216,216.21
FED. AID #:	D517084B	NTP:	7/16/2019	CURRENT:	707	\$16,216,216.21
FUND TYPE	Construction	TIME BEGAN:	8/15/2019	ELAPSED:	403	\$9,533,896.78
		WORK BEGAN:	8/15/2019	% ORIGINAL:	62.00%	58.79%
		EST. COMPLETION:	Spring 2021	% TO DATE:	57.00%	58.79%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Dan Barbato	C: 561-719-9885		dbarbato@consoreng.com	
FDOT PROJECT MANAGER		Trevor Williams	O: 321-319-8138 C: 407-625-4360		trevor.williams@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Ed Devincenzo	C: 321-604-1767		Ed.Devincenzo@scifi.com	

ORANGE						
SR 551 (Goldenrod Road) from SR 426 (Aloma Avenue) to SR 50 (East Colonial Drive) and from SR 15 (Hoffner Avenue) to SR 552 (Curry Ford Road)						
FIN #	439235-1-52-01 & 437544-1-52-01					
CONTRACT #	T5669					
Construction						
PROJECT DESCRIPTION: The Florida Department of Transportation (FDOT) will resurface 2.5 miles of Goldenrod Road from East Colonial Drive to Aloma Avenue, and from SR 15 (Hoffner Avenue) to SR 552 (Curry Ford Road). The contractor will also install a new traffic signal at the intersection of North Palmetto Avenue, restripe the road to provide bike lanes, and upgrade pedestrian crossings, curb ramps and sidewalks. Safety modifications also include converting the current median configuration at Sun Key Boulevard and Waunatta Court to one that changes the ability of motorists to turn left onto Goldenrod Road.						
					TIME	COST
CONTRACTOR:	Middlesex Paving, LLC	LET DATE:	10/30/2019	ORIGINAL:	279	\$9,146,375.06
FED. AID #:		NTP:	1/08/2020	CURRENT:	296	\$9,146,375.06
FUND TYPE	Construction	TIME BEGAN:	2/27/2020	ELAPSED:	207	\$7,908,414.26
		WORK BEGAN:	2/27/2020	% ORIGINAL:	74.19%	86.47%
		EST. COMPLETION:	Late 2020	% TO DATE:	69.93%	86.47%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Cyril Fernandez	352-250-5946		cfernandez@consoreng.com	
FDOT PROJECT MANAGER		Jeff Oakes	407-278-2735		Jeff.Oakes@dot.state.fl.us	

ORANGE						
SR500 /US441 (South Orange Blossom Trail) from North of Holden Avenue to 36th Street						
FIN #	439679-1-52-01					
CONTRACT #	T5653					
Construction						
PROJECT DESCRIPTION: Enhancing pedestrian safety along South Orange Blossom Trail from north of Holden Avenue to 36th Avenue in Orlando by installing six pedestrian hybrid beacons, or PHBs.						
					TIME	COST
CONTRACTOR:	PowerCore, Inc.	LET DATE:	3/27/2019	ORIGINAL:	140	\$782,050.00
FED. AID #:	D518038B	NTP:	5/28/2019	CURRENT:	169	\$788,307.01
FUND TYPE	Construction	TIME BEGAN:	9/25/2019	ELAPSED:	313	\$669,394.86
		WORK BEGAN:	9/30/2019	% ORIGINAL:	223.57%	85.59%
		EST. COMPLETION:	Fall 2020	% TO DATE:	185.21%	84.92%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Ryan Flipse	O: 321-319-8134 C: 407-625-0342		ryan.flipse@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Bill Ross	C: 217-766-1278		bross@powercore.us	



Outside Consultant

In-House Construction

Maintenance

Project Status Report as of September 20, 2020

ORANGE						
Orange County Gap Segment 1 from Clarcona - Ocoee Road to West Orange Trail						
FIN #	436435-1					
CONTRACT #	T5618					
Construction						
PROJECT DESCRIPTION: The purpose of this project is to construct the portion of the Coast-to-Coast Trail from Clarcona-Ocoee Road to the West Orange Trail.						
					TIME	COST
CONTRACTOR:	D.A.B Constructors, Inc.	LET DATE:	1/29/2020	ORIGINAL:	60	\$249,699.55
FED. AID #:		NTP:	3/30/2020	CURRENT:	92	\$249,699.55
FUND TYPE	Construction	TIME BEGAN:	4/20/2020	ELAPSED:	92	\$238,354.15
		WORK BEGAN:	4/20/2020	% ORIGINAL:	153.33%	95.46%
		EST. COMPLETION:	Summer 2020	% TO DATE:	100.00%	95.46%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Cyril Fernandez	352-250-5946		cfernandez@consoreng.com	
FDOT PROJECT MANAGER		Jeff Oakes	407-278-2735		Jeff.Oakes@dot.state.fl.us	
CONTRACTOR'S ASSISTANT PROJECT MANAGER:		Jennifer Lima	407-755-1023		jlima@consoreng.com	

ORANGE						
SR 15 (Conway Rd) and SR 552 (Curry Ford Rd)						
FIN #	439133-1-52-01					
CONTRACT #	E50A0					
Construction						
PROJECT DESCRIPTION: Reconstructing the existing traffic signals at the intersection of Conway Road (State Road (S.R.) 15) and Curry Ford Road (S.R. 552).						
					TIME	COST
CONTRACTOR:	Traffic Engineering and Management, LLC	LET DATE:	2/04/2020	ORIGINAL:	140	\$1,190,354.00
FED. AID #:		NTP:	4/09/2020	CURRENT:	140	\$1,190,354.00
FUND TYPE	Construction	TIME BEGAN:	8/7/2020	ELAPSED:	36	\$30,908.00
		WORK BEGAN:	8/7/2020	% ORIGINAL:	25.71%	2.60%
		EST. COMPLETION:	Late 2020	% TO DATE:	25.71%	2.60%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Carlton Daley	O: 321-319-8129 C: 407-832-1694		carlton.daley@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Dave Elliot	C: 407-448-1706		delliott@controlspecialists.com	

OSCEOLA						
SR 600/US 17-92 from West of Poinciana Boulevard to CR 535						
FIN #	239714-1-52-01					
CONTRACT #	E5Z33					
Conventional Pay Item						
PROJECT DESCRIPTION: Widening U.S. 17-92 from two to four lanes.						
					TIME	COST
CONTRACTOR:	Southland Construction, Inc.	LET DATE:	10/02/2018	ORIGINAL:	1,000	\$23,467,500.98
FED. AID #:	N/A	NTP:	12/07/2018	CURRENT:	1,057	\$23,672,889.01
FUND TYPE	Construction	TIME BEGAN:	2/5/2019	ELAPSED:	594	\$10,005,493.26
		WORK BEGAN:	2/5/2019	% ORIGINAL:	59.40%	42.64%
		EST. COMPLETION:	Spring 2022	% TO DATE:	56.20%	42.27%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		George Sawaya	C: 407-509-6396		georgesawaya@hillintl.com	
FDOT PROJECT MANAGER		Ryan Flipse	O: 321-319-8134 C: 407-625-0342		Ryan.Flipse@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		George Jaoude	C: 321-230-2559		GeorgeJ@southlandconstruction.com	



Outside Consultant

In-House Construction

Maintenance

Project Status Report as of September 20, 2020

OSCEOLA						
US 441 from North of Tyson Creek Bridge to US 192						
FIN #	437543-1-52-01					
CONTRACT #	E50A4					
Conventional Pay Item						
RPROJECT DESCRIPTION: Resurfacing U.S. 441 (State Road (S.R.) 15) from north of the Tyson Creek Bridge to U.S. 192 (S.R. 500).						
				TIME	COST	
CONTRACTOR:	Preferred Materials, Inc.	LET DATE:	1/07/2020	ORIGINAL:	180	\$7,148,284.49
FED. AID #:	N/A	NTP:	3/09/2020	CURRENT:	202	\$7,148,284.49
FUND TYPE	Construction	TIME BEGAN:	5/7/2020	ELAPSED:	137	\$2,658,465.55
		WORK BEGAN:	5/7/2020	% ORIGINAL:	76.11%	37.19%
		EST. COMPLETION:	Fall 2020	% TO DATE:	67.82%	37.19%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Terry Phillips	C: 386-785-7647		TPhillps@aeengineeringinc.com	
FDOT PROJECT MANAGER		Trevor Williams	O: 321-319-8138 C: 407-625-4360		trevor.williams@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Logan Miller	C: 407-494-7009		logan.miller@preferredmaterials.com	

OSCEOLA						
Osceola County Pedestrian Lighting Bundle A						
FIN #	439885-1-52-01					
CONTRACT #	T5645					
Construction						
PROJECT DESCRIPTION: Installing Light Emitting Diode (LED) fixtures at signalized intersections along U.S. 192, Main Street (U.S. 17-92), and Vine Street (U.S. 192).						
				TIME	COST	
CONTRACTOR:	PowerCore, Inc.	LET DATE:	4/24/2020	ORIGINAL:	210	\$920,856.41
FED. AID #:	D518042B	NTP:	6/24/2020	CURRENT:	220	\$890,520.68
FUND TYPE	Construction	TIME BEGAN:	8/24/2020	ELAPSED:	81	\$468,114.14
		WORK BEGAN:	8/24/2020	% ORIGINAL:	38.57%	50.83%
		EST. COMPLETION:	Early 2021	% TO DATE:	36.82%	52.57%
CONTACT						
PROJECT ADMINISTRATOR		Ryan Flipse	O: 321-319-8134 C: 407-625-0342		ryan.flipse@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		August Schroeder	C: 443-301-7257		aschroeder@powercore.us	

SEMINOLE						
Widening US 17/92 from Shepard Road to Lake Mary Boulevard						
FIN #	240196-1-52-01					
CONTRACT #	T5557					
Conventional Pay Item						
PROJECT DESCRIPTION: Reconstruct US 17/92 from Shepard Road to Lake Mary Boulevard from a rural four-lane roadway to an urban six-lane roadway. This contract includes construction of a new bridge to replace the existing box culvert at Soldiers Creek.						
					TIME	COST
CONTRACTOR:	Bergeron Land Development	LET DATE:	12/09/2015	ORIGINAL:	990	\$53,326,000.00
FED. AID #:	N/A	NTP:	2/09/2016	CURRENT:	1,531	\$55,764,877.54
FUND TYPE	Construction	TIME BEGAN:	5/31/2016	ELAPSED:	1,539	\$51,797,597.19
		WORK BEGAN:	5/31/2016	% ORIGINAL:	155.45%	97.13%
		EST. COMPLETION:	Late 2020	% TO DATE:	100.52%	92.89%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Chris Davis	O: 321-972-8616 C: 407-466-4151		cdavis@metriceng.com	
FDOT PROJECT MANAGER		Jeff Oakes	O: 407-482-7835 C: 407-832-1354		jeff.oakes@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Lauren Cowan	C: 954-594-0396		lcowan@bergeroninc.com	



Outside Consultant
In-House Construction
Maintenance

Project Status Report as of September 20, 2020

LAKE AND SEMINOLE COUNTIES						
SR 429/46 from west of Old McDonald Road to east of Wekiva Park Road (Wekiva Parkway Section 6)						
FIN #	238275-7-52-01					
CONTRACT #	E5Y47					
Design Build						
PROJECT DESCRIPTION: Design 5.5 miles of limited access toll road largely along the existing State Road 46 corridor from west of Old MacDonald Road to east of Wekiva Park Road. The project will include designing: an additional non-tolled, service road for local travel; a new, higher-profile bridge that is aesthetically pleasing over the Wekiva River; and, three wildlife bridges to allow animals to pass safely between the Seminole State Forest, Rock Springs Run State Reserve and Lower Wekiva River Preserve.						
				TIME	COST	
CONTRACTOR:	Superior Construction Co. Southeast	LET DATE:	3/22/2017	ORIGINAL:	1,270	\$234,544,468.00
FED. AID #:	3141036P	NTP:	6/27/2017	CURRENT:	1,596	\$237,401,159.11
FUND TYPE	Design Build	TIME BEGAN:	10/18/2017	ELAPSED:	1,182	\$198,120,193.98
		WORK BEGAN:	10/18/2017	% ORIGINAL:	93.07%	84.47%
		EST. COMPLETION:	Late Fall 2021	% TO DATE:	74.06%	83.45%
CONTACT			PHONE		EMAIL	
CEI PROJECT ADMINISTRATOR		Arnaldo Larrazabal	C: 786-205-2699		arnaldo.larrazabal@rsandh.com	
FDOT PROJECT MANAGER:		Rick Vallier	O: 386-943-5283 C: 386-846-4149		rick.vallier@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Jeremy Andrews	C: 904-509-0868		jandrews@superiorfla.com	

LAKE AND SEMINOLE COUNTIES						
SR 429/46 from Wekiva Park Road to Orange Boulevard (Wekiva Parkway Section 7A)						
FIN #	240200-2					
CONTRACT #	T5626					
Design Build						
PROJECT DESCRIPTION: This project includes 3.53 miles of limited access toll road largely along the existing State Road 46 corridor from a half mile east of Wekiva Park Road to Orange Boulevard. The project also includes design of a non-tolled road for local travel.						
					TIME	COST
CONTRACTOR:	Liberty Mutual Insurance	LET DATE:	12/06/2017	ORIGINAL:	1,454	\$108,299,973.17
FED. AID #:	3141042P	NTP:	3/02/2017	CURRENT:	1,585	\$108,496,429.47
FUND TYPE	Design Build	TIME BEGAN:	4/2/2018	ELAPSED:	868	\$70,693,324.87
		WORK BEGAN:	4/2/2018	% ORIGINAL:	59.70%	65.28%
		EST. COMPLETION:	Fall 2022	% TO DATE:	54.76%	65.16%
CONTACT			PHONE		EMAIL	
CEI PROJECT ADMINISTRATOR		David Bowden	O: 386-333-9537 C: 407-873-1905		dbowden@go-IEI.com	
FDOT PROJECT MANAGER:		Jeff Oakes	O: 407-482-7835 C: 407-832-1354		jeff.oakes@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Allan Fadullon	C: 954-594-5848		afadullon@semaconstruction.com	

SEMINOLE COUNTY						
SR 429/46 from Orange Boulevard to Rinehart Road (Wekiva Parkway Section 8)						
FIN #	240200-4					
CONTRACT #	E5Z18					
Design Build						
PROJECT DESCRIPTION: Construct 2.63 miles of limited access toll road from Orange Boulevard to east of Rinehart Road. The project will include the new Wekiva Parkway interchange at I-4 that will connect with State Road 417.						
					TIME	COST
CONTRACTOR:	Lane Construction Corporation	LET DATE:	8/22/2018	ORIGINAL:	1,400	\$253,332,000.00
FED. AID #:	D517015B	NTP:	10/26/2018	CURRENT:	1,625	\$254,931,702.26
FUND TYPE	Design Build	TIME BEGAN:	10/26/2018	ELAPSED:	696	\$106,302,702.25
		WORK BEGAN:	10/26/2018	% ORIGINAL:	49.71%	41.96%
		EST. COMPLETION:	Spring 2023	% TO DATE:	42.83%	41.70%
CONTACT			PHONE		EMAIL	
CEI SENIOR PROJECT ENGINEER		Bill Wages	O: 407-644-1898 C: 407-948-8281		bwages@metriceng.com	
FDOT PROJECT MANAGER:		Kevin Hayden	O: 386-943-5284		kevin.hayden@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Kurt Matthiasmeier	C: 407-908-3229		kwmathiasmeier@laneconstruct.com	



Outside Consultant

In-House Construction

Maintenance

Project Status Report as of September 20, 2020

SEMINOLE						
PedSafe Greenway Deployment						
FIN #	440821-1-52-01					
CONTRACT #	T5639					
Conventional Pay Item						
PROJECT DESCRIPTION: The improvements under this contract consist of an innovative pedestrian and bicycle collision avoidance system that utilizes connected vehicle (CV)						
					TIME	COST
CONTRACTOR:	Chinchor Electric Inc	LET DATE:	5/22/2019	ORIGINAL:	500	\$9,972,132.34
FED. AID #:	N/A	NTP:	8/05/2019	CURRENT:	554	\$9,972,132.34
FUND TYPE	Construction	TIME BEGAN:	9/4/2019	ELAPSED:	378	\$8,598,811.14
		WORK BEGAN:	9/4/2019	% ORIGINAL:	75.60%	86.23%
		EST. COMPLETION:	Spring 2021	% TO DATE:	68.23%	86.23%
CONTACT						
PROJECT ADMINISTRATOR			Jeff Oakes	O: 407-482-7835 C: 407-832-1354		jeff.oakes@dot.state.fl.us
CONTRACTOR'S PROJECT MANAGER:			Brian Silva	407-509-2209		bsilva@chinchorelectric.com

SEMINOLE						
SR 436 from Boston Avenue to Anchor Road						
FIN #	434931-1-52-01					
CONTRACT #	T5680					
Conventional Pay Item						
PROJECT DESCRIPTION: The Florida Department of Transportation (FDOT) is improving roadway conditions on State Road (S.R.) 436 in Altamonte Springs. As part of these improvements, the roadway will be widened to add an additional eastbound left turn lane at the intersection S.R. 436 and Ronald Reagan Boulevard (County Road 427). The FDOT will also reconstruct sidewalks, improve drainage and perform traffic signal work along S.R. 436 from Boston Avenue to Anchor Road.						
					TIME	COST
CONTRACTOR:	Masci Construction, Inc.	LET DATE:	10/30/2019	ORIGINAL:	368	\$4,976,836.09
FED. AID #:	N/A	NTP:	1/09/2020	CURRENT:	385	\$4,976,836.09
FUND TYPE	Construction	TIME BEGAN:	5/4/2020	ELAPSED:	136	\$1,594,454.42
		WORK BEGAN:	5/4/2020	% ORIGINAL:	36.96%	32.04%
		EST. COMPLETION:	Summer 2021	% TO DATE:	35.32%	32.04%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Kim Navarro	O: 407-278-2729		kim.navarro@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		David Jewett	386-322-4500, 386-281-9042		david.jewett@mascigc.com	

SEMINOLE						
Countywide ATMS-DMS Phase 1 Seminole County						
FIN #	441211-1-52-01					
CONTRACT #	E5Z94					
Design Build						
PROJECT DESCRIPTION: This project will involve the removal of 20 existing arterial dynamic message signs (ADMS), including existing sign structures and foundations, and installation of new ADMS with supporting sign structures and foundations. Work will also include the addition of 12 closed-circuit television (CCTV) cameras at various intersections in Seminole County.						
					TIME	COST
CONTRACTOR:	Traffic Management Solutions, Inc.	LET DATE:	3/15/2019	ORIGINAL:	430	\$4,278,000.00
FED. AID #:	N/A	NTP:	5/23/2019	CURRENT:	456	\$4,278,000.00
FUND TYPE	Construction	TIME BEGAN:	5/23/2019	ELAPSED:	280	\$2,454,144.00
		WORK BEGAN:	5/23/2019	% ORIGINAL:	65.12%	57.37%
		EST. COMPLETION:	Fall 2021	% TO DATE:	61.40%	57.37%
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Kim Navarro	O: 407-278-2729		kim.navarro@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Chris Sandroni	C: 386-562-6116		chris@trafficmgtmsolutions.com	



Outside Consultant

In-House Construction

Maintenance

Air Quality Monitoring: Ozone Attainment Status

January - September

As of October 1, 2020

Seminole State College (#C117-1002)		
Year	Fourth Highest 8-Hour Average (Displayed in Parts per Billion)	Date
2020	60	3-Apr
2019	62	28-May
2018	64	16-Mar
2017	67	27-May

2019 3-Year Attainment Average: 64

2020 Year-to-Date 3-Year Running Average: 62

Change 2

Osceola Co. Fire Station - Four Corners (#C097-2002)		
Year	Fourth Highest 8-Hour Average (Displayed in Parts per Billion)	Date
2020	60	22-Apr
2019	72	23-Mar
2018	67	10-May
2017	67	9-Apr

2019 3-Year Attainment Average: 69

2020 Year-to-Date 3-Year Running Average: 66

Change 3

Lake Isle Estates - Winter Park (#095-2002)		
Year	Fourth Highest 8-Hour Average (Displayed in Parts per Billion)	Date
2020	62	3-May
2019	65	28-May
2018	63	17-Mar
2017	65	27-May

2019 3-Year Attainment Average: 64

2020 Year-to-Date 3-Year Running Average: 63

Change 1

Skyview Drive (#L095-0010)		
Year	Fourth Highest 8-Hour Average (Displayed in Parts per Billion)	Date
2020	54	3-May
2019	61	21-Mar
2018	60	11-May
2017	68	8-May

2019 3-Year Attainment Average: 63

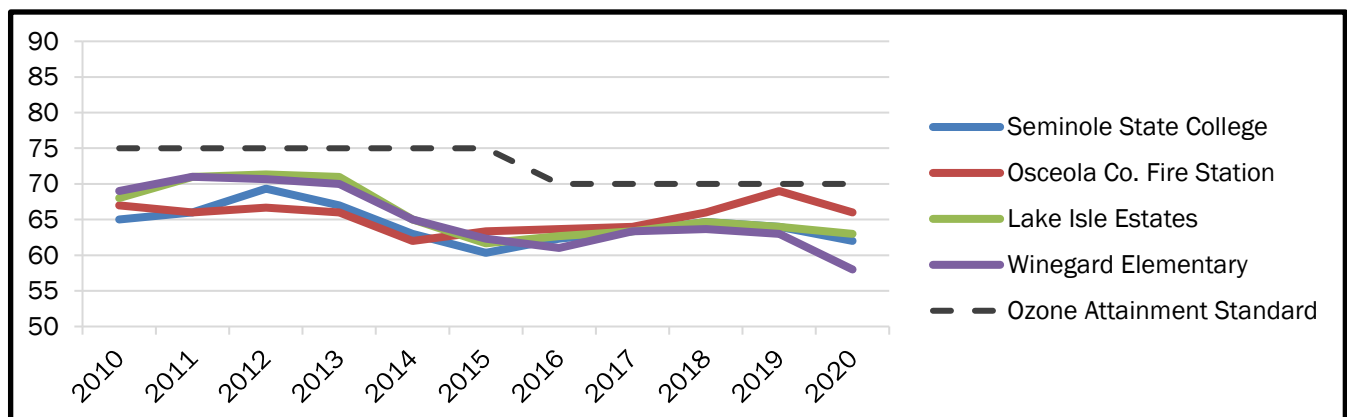
2020 Year-to-Date 3-Year Running Average: 58

Change 5

NOTE: The Winegard Elementary School site is currently non-operational; Skyview is replacement

10-Year Historic Ozone Attainment Status

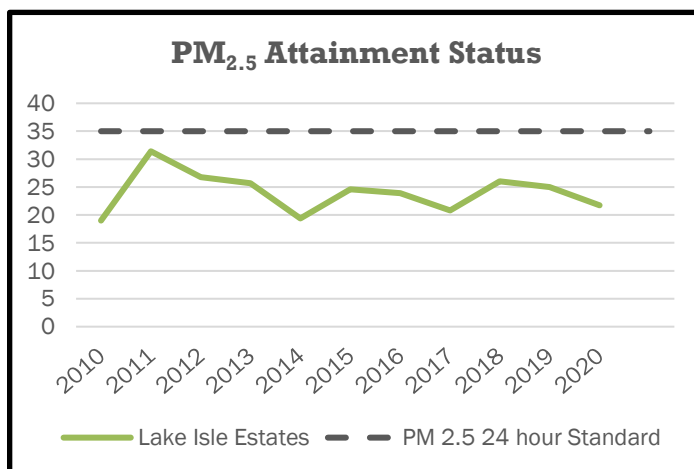
(Displayed in Parts per Billion)



Air Quality Monitoring: Particulate Matter 2.5 Attainment Status As of October 1, 2020

Lake Isle Estates - Winter Park (#095-2002)		
Year	Daily Average PM _{2.5} (micrograms per cubic meter)	Date
2020	22	15-Apr
2019	20	22-Jun
2018	23	15-Mar
2017	32	30-May

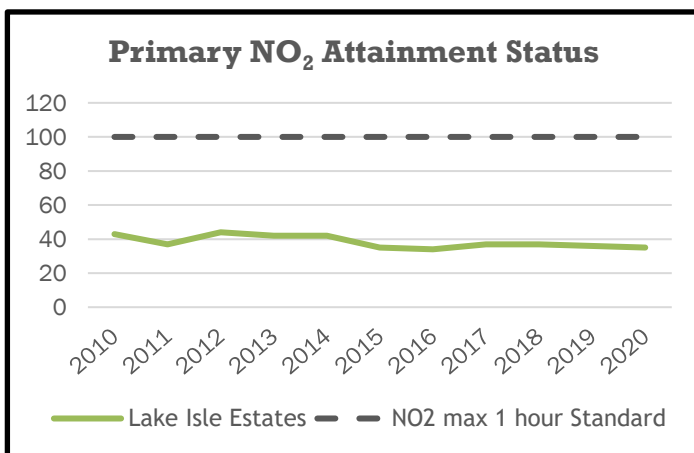
PM _{2.5} 24 hour NAAQ Standard	35
98th percentile, 3 year average - 2020	22
98th percentile, 3 year average - 2019	25



Air Quality Monitoring: Primary NO₂ Attainment Status As of October 1, 2020

Lake Isle Estates - Winter Park (#095-2002)		
Year	Primary NO ₂ max one hour average (Parts per Billion)	Date
2020	33	6-Jan
2019	31	22-Mar
2018	41	17-Apr
2017	37	1-Feb

NO ₂ max 1 hour average NAAQ Standard	100
98th percentile, 3 year average - 2020	35
98th percentile, 3 year average - 2019	36



Source: Florida Department of Environmental Protection

Board Meeting Highlights –September 9, 2020

- **Chairman's Announcements:** Commissioner Bob Dallari opened the meeting at 9:06 a.m. Commissioner Betsy VanderLey led the Pledge of Allegiance. Chairman Dallari reviewed the virtual meeting procedures, including public comments. He congratulated board members who were recently reelected. Commissioner Dallari provided a report on the July 30 Commuter Rail Commission meeting. Commissioner Mayra Uribe gave a report on the August 13 TDLCB meeting. Commissioner Dallari reported on the July 10 Central Florida MPO Alliance meeting which included a joint meeting with West Florida Chairs Coordinating Committee.
- **MetroPlan Orlando Executive Director's Announcements:** Mr. Gary Huttman thanked board members for their continued support for the virtual meetings and he reviewed the virtual procedures. He recognized MetroPlan Orlando staff members, Ms. Cynthia Lambert and Ms. Mary Ann Horne, for their four Florida Public Relations Association awards. Mr. Huttman reminded board members of Florida Mobility Week scheduled for October 30- November 6. He called attention to the Best Foot Forward enforcement event on July 21 and recent MTP outreach events. Mr. Huttman congratulated Mr. Nick Lepp and Mr. Alex Trauger on having presentations selected for the upcoming AMPO Virtual Conference. He reported that NARC will host a virtual event on October 6-7.
- **Agenda Review:** Mr. Huttman reported there were no changes to the agenda, and they were ready to move forward.
- **Public Comments:** None.
- Unanimously **Approved** Consent Items: A-L.
- Unanimously **Approved** the **Roll Forward Amendments to the 2020/21 - 2024/25 TIP** (Roll Vote conducted)
- **Approved** the **SunRail Roll Forward Amendments to the 2020/21-2024-25 TIP** (Roll Vote conducted)
- Unanimously **Approved** the **FY 2025/26 - 2039/40 PPL**.
- Unanimously **Approved** Resolution 20-15 to conduct Virtual Committee Workshops through December 2020
- **Other Business:** Presentations included **2045 MTP- Status Update Preliminary Needs** (Mr. Alex Trauger, MetroPlan Orlando); **2045 MTP- Status Update on Public Outreach Activities** (Ms. Cynthia Lambert, MetroPlan Orlando).
- **Board Member Comments:** Commissioner VanderLey thanked Ms. Cynthia Lambert for her recognition of Commissioner VanderLey's efforts regarding transportation needs of the underserved.

Mayor Alvarez thanked board and staff members for their efforts during his tenure on the board.

- **Public Comments:** None.
- **Next Board Meeting – November 18, 2020**



LYNX to Resume Charging Fares Sept. 1 on All Services

Home | [News and Events](#) | LYNX to Resume Charging Fares Sept. 1 on All Services

The Central Florida Regional Transportation Authority (LYNX) Board Chairman and City of Orlando Mayor Buddy Dyer announced today the agency will resume fare collection on all services effective Sept. 1. Fares have been waived since March 30 on bus, NeighborLink and ACCESS LYNX routes.

Customers may purchase passes at the LYNX Central Station Customer Service Window, the agency website golynx.com/fares-passes or via the LYNX PawPass mobile payment app available in the App Store or Google Play.

Any pass that was previously purchased is still valid provided it was not activated.

Currently LYNX is operating a full schedule with limited seating to help with social distancing. Facial coverings are required to ride a LYNX bus or enter an agency facility. Customers may receive a free mask at the LYNX Central Station Customer Service Window. Riders who are sick or travel isn't essential, are encouraged to please stay home and not ride the bus.

All information regarding how the agency is protecting the community is available at www.golynx.com/coronavirusinfo. The community also is encouraged to follow LYNX at www.facebook.com/golynx and [@lynxbusorlando](https://www.twitter.com/lynxbusorlando) for the latest details.

-LYNX-

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

Become a LYNX Rider



LYNX to Hold Public Hearings and Workshops for December 2020 Service Proposal

Home | [News and Events](#) | LYNX to Hold Public Hearings and Workshops for December 2020 Service Proposal

The Central Florida Regional Transportation Authority (LYNX) has proposed making system-wide efficiencies effective Dec. 13.

The LYNX Board of Directors will vote on the service proposal at their Oct. 22 meeting in the LYNX Central Station 2nd Floor Board Room.

- Route adjustments will include NeighborLink 641.
- Schedule adjustments will include Links 10, 18, 40, 51 and 436N.
- Route and/or schedule improvements will include Links 8, 55, 105, 108, 319 and NeighborLink 621.
- Service reductions on Links 36 and 303.
- Bus stop additions on FastLink 441.
- Bay changes will take place at LYNX Central Station (LCS) and Kissimmee Intermodal Station (KIS).

The public comment period will begin Sept. 16. Comments will be accepted at public workshops and hearings.

Public Workshops/Hearings

DATE/TIME: Wednesday, Oct. 14
4-5 p.m. (Workshop), 5-6 p.m. (Hearing)

LOCATION: LYNX Central Station – Board Room
455 North Garland Ave.
Orlando, FL 32801

Passengers should use any of the 31 Links serving LYNX Central Station, LYMMO (Orange Downtown, North Quarter, and Lime Lines), or SunRail.

DATE/TIME: Thursday, Oct. 15
5-6 p.m. (Workshop), 6-7 p.m. (Hearing)

LOCATION: Virtual Meeting (more information will be available on golynx.com.)

Public comments also will be accepted through 5 p.m. on October 15 at golynx.com on the “contact us” page, by mail or delivered to:

LYNX Central Station
455 N. Garland Ave.
Orlando, FL 32801
Attention: Service Change

Interested parties may view the proposed service change information at the LYNX Central Station 1st Floor Security Guard Post 8 a.m.-5 p.m. Monday-Friday. For additional information contact Bruce Detweiler, Manager of Service Planning, at (407) 254-6136.

Maps and schedules are being drafted and once complete will be posted on golynx.com.

Dec. 13 Service Proposal*

ROUTE ADJUSTMENTS

- **NeighborLink 641** – Williamsburg (Orange County) – The service zone will be extended east to International Drive, north to Convention Way and west to Universal Boulevard to serve Rosen Shingle Creek.

SCHEDULE ADJUSTMENTS

- **Link 10** – East U.S. 192/St. Cloud (Osceola County) – Minor schedule adjustments.
- **Link 18** – S. Orange Avenue/Kissimmee (Orange County/Osceola County) – Minor schedule adjustments.
- **Link 40** – Americana Boulevard/Universal Orlando (Orange County) – Minor schedule adjustments. The 4:30 a.m. to LCS trip Monday-Saturday will start at Universal Orlando Parking Garage.
- **Link 51** – Conway Road/Orlando International Airport (Orange County) – Minor schedule adjustments.
- **Link 436N** – SR 436 Crosstown/Apopka (Orange County/Seminole County) – Minor schedule adjustments.

ROUTE and SCHEDULE ADJUSTMENTS

- **Link 8** – W. Oak Ridge Road/International Drive (Orange County) – Route will operate along Westmoreland Drive, Gore Street, Orange Blossom Trail and will not serve Grand Street. Minor schedule adjustments. Adding Sunday trips from LCS at 7:45 p.m. and Vineland Premium Outlets at 9:30 p.m.
- **Link 55** – West U.S. 192/Crosstown (Osceola County/Lake County) – Routing at Four Corners Walmart changed to U.S. 27, Cagan Crossings Boulevard, Frontage Road, Cagan Ridge Boulevard, Heritage

Oaks and Town Center Boulevard to U.S. 192. Minor schedule adjustments.

- **Link 105** – West Colonial Drive (Orange County) – Sunday service will extend via Colonial Drive, Blackwood Avenue, Old Winter Garden Road and Bluford Avenue to Colonial Drive. Sunday only, buses will serve the West Oaks Mall SuperStop on inbound trips and will not operate to the main mall entrance. Minor schedule adjustments.
- **Link 108** – South U.S. 441/Kissimmee (Orange County/Osceola County) – A Sunday trip will be added leaving Kissimmee Intermodal Station at 9:20 p.m. Minor schedule adjustments.
- **Link 319** – Richmond Heights (Orange County) – Route will operate along Gore Street, Orange Blossom Trail, Grand Street and Parramore Avenue. Minor schedule adjustments.
- **NeighborLink 621** – Bithlo (Orange County) – Route will extend to Sophie Boulevard and serve Waterford Lakes Town Center. Fixed-route service will be eliminated in Avalon Park and Bithlo and converted to zone service. Frequency will change to every 60 minutes. Major schedule adjustments.

SERVICE REDUCTIONS

- **Link 36** – Lake Richmond (Orange County) – Reduce Saturday frequency to 60 minutes and operate via the Sunday routing. No Saturday service to 34th Street, St. Valentine Way, 36th Street and Barack Obama Parkway.
- **Link 303** – Washington Shores/Disney Hollywood Studios (Orange County) – Eliminating the daily 2:30 p.m. trip from John Young Parkway and Colonial Drive to Disney's Hollywood Studios.

BUS STOP ADDITIONS

- **FastLink 441** – Kissimmee/Downtown Orlando (Orange County/Osceola County) – New stops will be added at Orange Blossom Trail and Towne Center Boulevard.

BAY CHANGES

- **LYNX Central Station** – To be determined.
- **Kissimmee Intermodal Station** – Link 10 to Bay G and Link 108 to Bay D.

** Subject to change.*

-LYNX-

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

Become a LYNX Rider

From work to play, we get you there. Where can we take you today?



LYNX September Board of Directors and Oversight Committee to Hold Virtual Meetings

[Home](#) | [News and Events](#) | LYNX September Board of Directors and Oversight Committee to Hold Virtual Meetings

The Central Florida Regional Transportation Authority (LYNX) will host the Sept. 24 Board of Directors and Oversight Committee meetings virtually. The board meeting will be held 1 p.m. by calling 646-558-8656 and entering meeting ID: 920 3150 6644.

The oversight meeting will be held 10:30 a.m. by calling 646-558-8656 and entering meeting ID: 920 7204 9309.

Written public comments can be emailed to publiccomments@golynx.com, entered at golynx.com/contactus and select Public Comments under the dropdown menu, mailed or dropped off at:

LYNX Central Station Administration Building
Public Comments
455 N. Garland Ave.
Orlando, FL 32801

Comments received by the start of each meeting will be read and become part of the meeting notes. Those wishing to provide comments in person must come to the LYNX Board Room to be connected to the virtual meeting.

The meeting agendas can be found at 09-24-2020 Oversight Committee and 09-24-2020 Board Report.

Currently LYNX is operating a full schedule with limited seating. Facial coverings are required to ride a LYNX bus or enter an agency facility. Riders who are sick or travel isn't essential, are encouraged to please stay home and not ride the bus. Fare collection resumed Sept. 1.

All information regarding how the agency is protecting the community is available at www.golynx.com/coronavirusinfo. The community also is encouraged to follow LYNX at www.facebook.com/golynx and www.twitter.com/lynxbusorlando (@lynxbusorlando) for the latest details.



metroplan orlando
A REGIONAL TRANSPORTATION PARTNERSHIP

Memorandum

October 19, 2020

To: Community Advisory Committee
From: Mighk Wilson, Bicycle & Pedestrian Planner
Subject: October 2020 Bicycle & Pedestrian Activity Update

City of Kissimmee

W. Mabbette Street Sidewalk. – City Project.
Construction is on-going - 95% complete.

Shingle Creek Trail – North 2B Weston Reserve
Construction ongoing – 50% complete
Delays due to on-going County permitting.
Project scheduled to be complete first quarter of 2021.

Emory Canal Trail North
Construction ongoing – 20% complete.
Concrete poured from Ernest Street to Mabbette Street.

Shingle Creek Trail – South 2A Lancaster Loop
Design 100% Complete
Construction schedule to start July 2021.

Shingle Creek Trail – South 2B Yates Connector
Design 100% complete
Construction not scheduled as yet

Shingle Creek Trail – North 2C County Line Connector
Design 100% complete.
Construction not scheduled as yet.

Shingle Creek Trail – North 2D Osceola Pkwy Bridge
Ongoing geotechnical investigations
Negotiating cost associated with design supplementary agreement #3.
Design 90% complete.
Construction not scheduled as yet.

Toho Valencia Trail II
Design 100% complete.
Construction scheduled for July 2021

City of Orlando

The Airport Gap Trail construction project on Maguire Road from Livingston Street to Colonial Drive is scheduled to be complete in mid-January 2021.

Seminole County

Project: EE Williamson Rd Trail/ Longwood Hills Rd Sidewalk

Limits: From existing Wekiva Trail to CR 427

Status: Final plans were received. Update plans after R/W completion will be needed. Still in R/W acquisition.

Project: Raven Avenue Sidewalk

Limits: Mockingbird Lane to US 17-92

Status: Complete

Project: Lake Monroe Trail Loop

Limits: Sanford Riverwalk to SR 415

Status: Final Engineering & Acquisition 75%

Project: US 19-92 Stairwells for overpass

Limits: US 17-92 just south of General Hutchison Parkway

Status: Engineering 30%

Project: Dike Road Sidewalk (Cedar Ridge)

Limits: Adjacent to Cedar Ridge Subdivision

Status: Construction 10%

Project: Power Corridor Trail Feasibility Study - SR 434 to Shepard Road

Description: Conducting a study to evaluate the feasibility of a trail along the existing power line corridor between the project limits and explore "logical termini" connections to other existing trails. This study explores possible "missing link" connectivity between current and planned trails in Casselberry and Longwood, while also exploring additional connectivity to the Cross Seminole Trail.

Project: Trails within Power Corridor Feasibility Study - Lake Emma Road to Ronald Reagan Boulevard (CR 427)

Description: Conduct a study to evaluate the feasibility of a trail along existing power line corridors between the project limits. The study will also explore a connection between the Cross Seminole Trail located along Green Way Boulevard and a possible trail along Bay Meadow Road via the exiting power line corridor.

Project: Grade Separated Trail Crossings Feasibility Study - SR 434 @ Orange Avenue and SR 436 @ Laurel Street

Description: Conduct a study to evaluate the feasibility of a providing grade separated crossings of major roadway corridors so as to improve the safety, continuity and user experience of the Seminole Wekiva Trail.

City of Winter Springs/East Central Florida Regional Planning Council

Project: City of Winter Springs Parks and Recreation Master Plan

The East Central Florida Regional Planning Council was recently awarded a DEO Community Planning Technical Assistance Grant to develop a Parks and Recreation Master Plan for the City of Winter Springs. The proposed project looks to promote open space and park planning

combined with bicycle and pedestrian mobility and safety, offer solutions to bridging trail gaps, and determine population clusters that benefit from the City's recreation and trail facilities. The purpose of this project is to ultimately contribute to the development of a well-planned urban environment that offers efficient and safe transportation and recreation systems.