

# 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](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](mailto:ATrauger@metroplanorlando.org)



**Florida Department of Transportation**

RON DESANTIS  
GOVERNOR

Florida's Turnpike Enterprise  
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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
<b>Osceola County</b>					
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,



Siasoi Fine, MPO Liaison  
Florida's Turnpike Enterprise

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