



PALM BEACH METROPOLITAN PLANNING ORGANIZATION

2300 N. Jog Rd., 4th Floor, West Palm Beach, Florida 33411-2749

Phone 561.684.4170 Fax 561.242.7165 www.PalmBeachMPO.org

TECHNICAL ADVISORY COMMITTEE (TAC) AGENDA

DATE: **WEDNESDAY, MAY 3, 2017**
TIME: **9:00 A.M.**
PLACE: **Vista Center 4th Floor Conference Room 4E-12
2300 North Jog Road
West Palm Beach, Florida 33411**

1. REGULAR ITEMS

- A. Roll Call
- B. MOTION TO ADOPT Agenda for May 3, 2017
- C. MOTION TO APPROVE Minutes of April 5, 2017
- D. Comments from the Chair
- E. TAC Liaison's Report
- F. General Public Comments and Public Comments on Agenda Items

Any members from the public wishing to speak at this meeting must complete a Comment Card which is available at the welcome table. General Public comments will be heard prior to the consideration of the first action item. Public comments on specific items on the Agenda will be heard following the presentation of the item to the Committee. Please limit comments to three minutes.

2. INFORMATION ITEMS

- A. Draft FY 18 – 22 Transportation Improvement Program (TIP)
The draft executive summary for the FY 18 – 22 TIP is attached. This program was developed based on information provided from the Florida Department of Transportation (FDOT) and various local sources and includes transportation projects funded by federal, state and local sources for all modes of transportation. The program reflects revenue expectations for the next five fiscal years and shows phases and funding sources by year for each project.
- B. Draft FDOT Complete Streets Handbook
FDOT has released an external draft of the Complete Streets Handbook. They are seeking review and comments no later than May 26th. The draft Handbook can be downloaded here: www.flcompletestreets.com/Files/CSHandbookEXTDraft.pdf
Comments may be submitted here: <https://form.jotform.us/71093902789163>

C. US 1 Multimodal Corridor Study Kickoff

MPO staff will give an overview of the project and discuss project deliverables, the study timeline and upcoming public outreach events. The kickoff event flyer is attached, and the project website is: www.US1PBCorridorStudy.com

D. Regional Commuter Challenge Update

MPO staff will provide an update on the Regional Commuter Challenge being led by South Florida Commuter Services and the Florida Department of Transportation. The flyer for this initiative is attached, and the project website is www.sflcommutes.com/.

E. Summary Points from the April 20, 2017 Governing Board Meeting

3. ADMINISTRATIVE ITEMS

A. Member Comments

B. Next Meeting – **June 7, 2017**

C. MOTION TO ADJOURN

NOTICE

In accordance with Section 286.0105, *Florida Statutes*, if a person decides to appeal any decision made by the board, agency, or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purposes, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services for a meeting (free of charge), please call 561-684-4143 or send email to MBooth@PalmBeachMPO.org at least five business days in advance. Hearing impaired individuals are requested to telephone the Florida Relay System at #711.



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MINUTES OF THE TECHNICAL ADVISORY COMMITTEE Wednesday, April 5, 2017 9:00 A.M.

Vista Center 4th Floor Conference Room 4E-12
2300 North Jog Road
West Palm Beach, Florida

*PDF versions of the agenda, backup material and presentations as well as audio recordings are available for review at
www.PalmBeachMPO.org/TAC*

1. REGULAR ITEMS

CHAIR LIVERGOOD called the meeting to order at 9:02 a.m.

1.A. Roll Call

The Recording Secretary called the roll. A quorum was present as depicted in Exhibit A of these Minutes.

1.B. ADOPTED: Agenda for April 5, 2017

MOTION to adopt the Agenda. Motion by Mr. Alex Hansen, seconded by Mr. Kenny Wilson, and carried unanimously.

Mr. Xavier Falconi joined the meeting at 9:04 a.m.

1.C. APPROVED: Minutes for March 1, 2017

MOTION to approve the Minutes. Motion by Mr. Alex Hansen, seconded by Mr. Kenny Wilson, and carried unanimously.

1.D. Comments from the Chair

No comments from the Chair were received.

1.E. TAC Liaison's Report

MR. KEVIN FISCHER reviewed the following from the Liaison Report provided to members:

- He welcomed Mr. Andrew Uhler as a new Senior Planner for the Palm Beach MPO, and noted Mr. Uhler will serve as the coordinator for the MPO's Transportation Improvement Program (TIP) and Citizen's Advisory Committee (CAC).

Mr. Fred Stubbs joined the meeting at 9:05 a.m.

- He noted a mandatory workshop for Safe Routes to School applicants and maintaining agencies will be held on May 18th from 9 a.m. to 1 p.m. at the Florida Department of Transportation (FDOT) District Four's Broward Operations Auditorium.

- He noted Florida's Turnpike will be holding a design public information meeting at the West Boynton Recreation Center on Tuesday, May 16th at 5:30 p.m. regarding improvements on Florida's Turnpike from Boynton Beach Boulevard to north of Lake Worth Road. *It was later noted that May 16th is the alternate date and the meeting will be held on May 2nd.

Ms. Kim Glas-Castro joined the meeting at 9:06 a.m.

1.F. General Public Comments and Public Comments on Action Items

No general public comments were received.

2. ACTION ITEMS

2.A. RECOMMENDED ADOPTION: of a Long Range Transportation Plan (LRTP) Amendment to add improvements at I-95 and Woolbright Road to the Cost Feasible Plan with construction in FY 2024

MS. LISA DYKSTRA, FDOT District Four Strategic Intermodal System (SIS) Coordinator/Transportation Planning Manager, presented this item. She gave a brief overview of the SIS program, its funding, and the I-95 Interchange Master Plan that evaluated 17 interchanges from Linton Boulevard to Northlake Boulevard.

Dr. Kim DeLaney and Mr. Jamie Brown joined the meeting at 9:17 a.m.

MS. DYKSTRA reviewed the I-95 at Woolbright Road Interchange Project study area, origin, purpose and need for the project, issues identified in the Master Plan, interim improvements, and design concepts. She discussed the potential impacts and benefits, as well as the Project Development and Environment (PD&E) Study schedule and SIS funding allocations. She stated FDOT is requesting an amendment to the Palm Beach MPO's adopted 2040 LRTP to incorporate this project as a fully funded project in the Cost Feasible Plan (CFP).

A discussion ensued with Representatives voicing concerns over pedestrian and bicyclists safety, and Boynton Beach representatives noting there are right of way issues still to be resolved. Representatives also discussed the need to fund mobility versus capacity projects, and the need to define capacity more clearly.

MOTION to revise the agenda to move Information Item 3.A to be heard prior to a Motion on Action Item 2.A to help clarify questions TAC Representatives presented. Motion by Mr. Khurshid Mohyuddin, seconded by Mr. Alex Hansen, and carried unanimously.

3. INFORMATION ITEMS

3.A. DISCUSSED: SIS 2045 Multimodal Unfunded Needs Plan (MMUNP)

MS. DYKSTRA reviewed the purpose of and planning for Florida's SIS. She noted it was established by the Florida Legislature in 2003 and is a statewide network of high priority transportation facilities including airports, highways, railroads, seaports, spaceports and transit. She reviewed the planning and programming process. She highlighted the SIS 2045 MMUNP plan development and discussed the District Four 2045 needs for airports, highways, transit and rail, and seaports. She noted a FDOT Leadership executive workshop on the SIS 2045 MMUNP will take place in May 2017.

Discussion ensued with questions arising regarding SIS rules and funding options, managed lanes, arterial facilities, and project prioritization.

Discussion resumed on Action Item 2.A.

Representatives inquired if funds for this project could be reallocated to another project, and if this item is rejected what would happen to the funds.

MS. DYKSTRA stated that funds would be returned to the statewide reserves and as other projects come forth to compete for the funding they would utilize any funds available, and could result in the funds being spent outside of the district.

Mr. Bradford O'Brien left the meeting at 10:44 a.m.

Further discussions ensued on the next actions the committee and then Board could take on this item, and their ramifications.

Mr. Erik Ferguson, a public citizen, inquired if FDOT is considering autonomous vehicles and technology when they are planning, and noted that in the coming years every new car would have automatic braking which could alleviate the safety concerns associated with backups on I-95 that are being used to justify this project.

MOTION to RECOMMEND APPROVAL for Action Items 2.A thru 2.D as presented. Motion by Mr. Thomas Driscoll, seconded by Ms. Maria Tejera.

A discussion ensued with Representatives voicing concerns regarding the other Action Items that have not yet been presented. It was also noted that the meeting agenda was structured for each item to be presented and heard separately as each project is at a different phase.

Motion was withdrawn by Mr. Driscoll.

MOTION to RECOMMEND ADOPTION of an LRTP Amendment to add improvements at I-95 and Woolbright Road to the CFP with construction in FY 2024. Motion by Dr. Motasem Al-Turk, seconded by Mr. Thomas Driscoll.

Further discussion ensued regarding the recommendation to make on this item and the TAC's role.

The Motion to Recommend Adoption made by Dr. Al-Turk was called for a roll call vote and carried 10-9. Mr. Terrence Bailey, Ms. Loraine Cargill, Ms. Khanh Uyen Dang, Ms. Natalie Crowley, Dr. Kim DeLaney, Mr. Alex Hansen, Ms. Kara Irwin-Ferris, Mr. Khurshid Mohyuddin and Ms. Kim Glas-Castro opposed.

2.B. RECOMMENDED ADOPTION: of an LRTP Amendment to add the MPO Endorsed Improvements at I-95 and Glades Road to the CFP with construction in FY 2019

MR. FISCHER stated there was a brief project overview presentation prepared, and noted this item was previously endorsed by the Board.

A consensus was given to waive the presentation due to time constraints.

MOTION to RECOMMEND ADOPTION of an LRTP Amendment to add the MPO Endorsed Improvements at I-95 and Glades Road to the CFP with construction in FY 2019. Motion by Mr. Khurshid Mohyuddin, seconded by Mr. Thomas Driscoll, and carried unanimously.

2.C. TABLED: an LRTP Amendment to add improvements at I-95 and Northlake Boulevard to the CFP with construction in FY 2022

MS. NATALIE CROWLEY stated the City of Palm Beach Gardens staff has concerns on this project and would like the opportunity to evaluate this request further, at this time staff is unwilling to support all three build alternatives.

MOTION to TABLE the requested LRTP Amendment to add improvements at I-95 and Northlake Boulevard to the CFP with construction in FY 2022. Motion by Ms. Natalie Crowley, seconded by Ms. Kim Glas-Castro, and carried 16-3. Mr. Thomas Driscoll, Dr. Motasem Al-Turk and Mr. Kenny Wilson opposed.

CHAIR LIVERGOOD stated no further discussion or public comments would be heard as the item was tabled. The future date for consideration of this item will be based on FDOT staff meeting with municipal staff to discuss concerns.

2.D. TABLED: an LRTP Amendment to add improvements at I-95 and 45th Street to the CFP with construction in FY 2026

MR. ALEX HANSEN stated the City of West Palm Beach has concerns on the proposed alternatives and the impacts they would have on the surrounding properties.

DR. KIM DELANEY noted that Treasure Coast Regional Planning Council was requested by the Town of Mangonia Park, who also have strong concerns on the project, to review the 45th Street corridor and develop a corridor plan.

A discussion ensued regarding the procedures to follow a Motion to Table. Robert's Rules of Order were referenced during this discussion.

MOTION to TABLE the requested LRTP Amendment to add improvements at I-95 and 45th Street to the CFP with construction in FY 2026. Motion by Mr. Alex Hansen, seconded by Ms. Khanh Uyen Dang, and carried 17-2. Dr. Motasem Al-Turk and Mr. Thomas Driscoll opposed.

MOTION to UN-TABLE the requested LRTP Amendment to add improvements at I-95 and 45th Street to the CFP with construction in FY 2026. Motion by Mr. Thomas Driscoll, seconded by Dr. Motasem Al-Turk.

Ms. Loraine Cargill left the meeting at 11:30 a.m.

MR. DRISCOLL stated that specifics of why an item is being tabled and a date certain to bring the item back need to be clearly stated.

The Motion to Un-Table was called for a vote and failed 12-6.

Mr. Thomas Driscoll, Ms. Natalie Crowley and Ms. Maria Tejera left the meeting at 11:32 a.m.

3. INFORMATION ITEMS

3.B. DISCUSSED: Transportation Systems Management and Operations (TSM&O) Strategic Plan

MR. TIM VERBEKE, Planner for the Palm Beach MPO, presented the draft TSM&O FDOT Statewide Strategic Plan & District Four Master Plan. He stated TSM&O is the practice involving taking back lost capacity due to congestion, incidents, construction, weather and traffic control delay. He noted the Strategic Plan is a 3-5 year timeframe with the goal to move TSM&O towards an optimized mainstreamed program delivering system-wide safety and mobility benefits. He briefly reviewed the Master Plan, which includes Palm Beach & Broward Counties, along with goals and next steps.

A brief discussion ensued.

3.C. Summary Points from the March 16, 2017 Governing Board Meeting

MR. FISCHER noted that the Road Impact Fee workshop is currently in development and more information is forthcoming.

4. ADMINISTRATIVE ITEMS

4.A. Member Comments

VICE CHAIR BAILEY noted for partners coming to present, that don't have the project's local municipalities support, a longer discussion would ensue as the municipality would want to have their concerns heard. He recommended partners engage the impacted local body to help expedite the presentation and voting time.

MS. DANG stated that FDOT needs to review and change their public meeting advertising model as the City of West Palm Beach was not aware of a recent meeting until three days prior. She also requested that FDOT advertise more in the local newspapers.

Mr. Khurshid Mohyuddin left the meeting at 11:45 a.m.

Further discussions ensued regarding FDOT's coordination with local municipalities and the lack of their comments being reflected in PD&E studies.

MR. XAVIER FALCONI suggested that FDOT send a representative from the District or Central office to discuss how the County fits into the overall statewide picture in regards to funding.

4.B. Next Meeting – April 5, 2017

4.C. Motion to Adjourn

There being no further business the meeting was adjourned at 11:48 a.m.

This signature is to attest that the undersigned is the Chair, or a designated nominee, of the Technical Advisory Committee and that information provided herein is the true and correct Minutes for the **April** meeting of the Technical Advisory Committee, dated this _____ day of _____, 2017.

Chair

EXHIBIT A
Technical Advisory Committee
Attendance Record – 2016-2017

REPRESENTATIVE/Alternate Agency Name	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16	Nov '16	Dec '16	Jan '17	Feb '17	Mar '17	Apr '17
INGRID ALLEN/Tamashbeen Rahman City of Boca Raton - Planning	P	E	P		P	P		P		P	P	E
JERRY ALLEN/Wil Hicks PBC Airports Department - Planning	P	P	Alt		Alt	A		E		Alt	Alt	Alt
MOTASEM AL-TURK/Giridhar Jeedigunta PBC Engineering Department	P	P	P		P	P		P		P	P	P
**TERRENCE BAILEY City of Riviera Beach – Community Dev.	P	P	P		P	P		P		P	P	P
CARL BAKER Port of Palm Beach	P	E	A		P	P		P		P	P	E
JAMIE BROWN/Felipe LoFaso City of Lake Worth - Public Services	Alt	P	P		P	P		P		P	P	P
VACANT/Loraine Cargill South Florida Regional Transportation Authority	E	E	P		E	A		Alt		Alt	Alt	Alt
BRIAN COLLINS/Khanh Uyen Dang City of West Palm Beach - Engineering	E	E	P		P	E		Alt		Alt	P	Alt
NATALIE CROWLEY/Todd Engle/ Michael Morrow City of Palm Beach Gardens - Planning	E	A	Alt		Alt	Alt		E		Alt	Alt	P
KIM DELANEY/Thomas Lanahan Treasure Coast Regional Planning Council	P	P	P		P	E		P		P	P	P
THOMAS DRISCOLL/CJ Lan Town of Jupiter- Community Dev.	Alt	Alt	Alt		Alt	A		Alt		P	A	P
VACANT/ Lisa Dykstra/Lisa Maack/Arlene Tanis FDOT - Planning & Environmental Mgmt.	P	Alt	Alt		Alt	Alt		Alt		Alt	Alt	Alt
XAVIER FALCONI/John Morgan City of Delray Beach – Environ. Service Department	P	P	A		P	A		***P		P	P	P
CHARLES FRAZIER/Fred Stubbs/Steve Anderson Palm Tran	Alt	Alt	Alt		Alt	Alt		Alt		A	Alt	Alt
ALEX HANSEN City of West Palm Beach - Planning	P	P	P		P	E		E		P	P	P
KARA IRWIN-FERRIS City of Greenacres - Planning & Eng.	P	P	P		P	A		***P		P	A	P
*JEFF LIVERGOOD/Michael Rumpf City of Boynton Beach - Public Works & Engineering	Alt	P	Alt		P	P		P		P	P	P
CHRISTOPHER MARSH/Bradford O'Brien Village of Royal Palm Beach – Village Engineer	P	P	Alt		P	A		P		A	P	Alt
KHURSHID MOHYUDDIN/David Wiloch PBC Planning, Zoning & Building	P	P	E		P	P		P		P	P	P
RICHARD READE/Kim Glas-Castro Village of Palm Springs – Village Manager	Alt	Alt	Alt		E	Alt		Alt		Alt	Alt	Alt
ANGELA USHER/Joyce Cai School District of Palm Beach County	P	Alt	Alt		Alt	P		Alt		P	P	P
MARIA TEJERA City of Boca Raton - Engineering	E	P	P		E	P		P		P	P	P
KENNY WILSON/Janelle St. Ange PBC Health Department - Environ/Air Pollution	P	P	P		P	P		E		P	P	P

*2017 Chair
E = Excused Absence
Shaded Area= Meeting not held

**2017 Vice-Chair
A = Absent/No Attendance

P = Member Present
- = Member not assigned

Alt = Alternate Present
***New Appointment

EXHIBIT A (cont'd)

OTHERS PRESENT

Bill Evans
Lexi Johnson
Yanique Kelly
Rob Lopes
Mayur Patel
Scott Thurman
Victoria Williams
Bruce Etheridge
Rebecca Miller
Jorge Perez
Juan Ortega
Margarita Yerastova
Erik Ferguson
CJ Lan
Malissa Booth
Nick Uhren
Renee Cross
Kevin Fischer
Andrew Uhler
Tim Verbeke
Margarita Cortez

REPRESENTING

Stanley Consultants
Stanley Consultants
FDOT, District Four
FDOT
FDOT
FDOT
Florida's Turnpike Enterprise
Napleton
Napleton
Palm Beach County, Planning
Wantman Group, Inc.
City of Delray Beach
City of West Palm Beach
Town of Jupiter
Metropolitan Planning Organization
Metropolitan Planning Organization
Metropolitan Planning Organization
Metropolitan Planning Organization
Metropolitan Planning Organization
Metropolitan Planning Organization
Metropolitan Planning Organization

2.A



PALM BEACH MPO TRANSPORTATION IMPROVEMENT PROGRAM FY 2018-2022

DRAFT MAY 2017
WWW.PALMBEACHMPO.ORG/TIP

*Initial Draft of Executive Summary to be used as Information
Item during May MPO Committee Meetings*

2300 North Jog Road - 4th Floor - West Palm Beach FL, 33411 - 561.684-4170

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Transportation Planning for the Palm Beaches



TRANSPORTATION IMPROVEMENT PROGRAM

FY 2018-2022

This Transportation Improvement Program was developed consistent with federal and state requirements. State and federally funded projects were approved by the Palm Beach MPO on June 17, 2017.

Mayor Susan Haynie

MPO Chair

The preparation of this report was financed in part through grants from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation; the Florida Department of Transportation; and participating local governments. The contents of this report do not necessarily reflect the official views or policy of the U. S. Department of Transportation.

2300 North Jog Road • 4th Floor • West Palm Beach, FL 33411 • 561-684-4170
www.PalmBeachMPO.org

**FY 2018 – 2022
TRANSPORTATION IMPROVEMENT PROGRAM
PALM BEACH**

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EXECUTIVE SUMMARY

Overview

The Transportation Improvement Program (TIP) is a staged program encompassing a five-year period consisting of all regionally significant transportation improvements to all modes of travel in Palm Beach County. The TIP is developed through a continuous, cooperative and comprehensive effort involving the Florida Department of Transportation, the Board of County Commissioners, the Port of Palm Beach, South Florida Regional Transportation Authority and municipalities within the County. Consultation is also carried out with the Miami-Dade and Broward MPO's during the TIP process.

The TIP identifies transportation improvements funded by Federal, State and local sources in order to assist local governments within the Palm Beach MPO area with their transportation planning efforts. The TIP is based on the Florida Department of Transportation's FY 18-22 Work Program for Palm Beach County, and generally moves forward the projects in the time frame from previous TIPs. Please note that the identified projects may experience unforeseen complications and that the DOT work program and the TIP may be amended throughout the year to accommodate this.

To provide for continuity and ease of use, the projects contained in the TIP have been aggregated by type and listed in sections. The TIP provides funding for the following twelve project types:

PROJECT TYPE		FUNDING	PERCENT OF TOTAL
1.	SIS Capacity	\$1,157,416,525	38.3%
2.	Major MPO Projects	\$107,550,736	3.6%
3.	Location Initiative Program	\$83,352,721	2.8%
4.	Transportation Alternatives Program	\$14,221,519	0.5%
5.	Sun Trail Projects	\$1,430,000	0.0%
6.	Major Maintenance	\$241,397,901	8.0%
7.	Other FDOT & Local Projects	\$132,373,579	4.4%
8.	O&M - Roadways	\$635,041,609	21.0%
9.	O&M - Transit	\$498,118,916	16.5%
10.	Airports	\$85,894,758	2.8%
11.	Railroads	\$58,240,384	1.9%
12.	Seaport	\$10,000,000	0.3%
TOTAL TIP FY 2018-2022		\$3,025,038,648	100.0%

Time Frame

This document includes a five-year implementation schedule for Fiscal Year 2018 through Fiscal Year 2022 following the federal fiscal calendar which begins on October 1st and ends on September 30th (i.e. Fiscal Year 2018 addresses the dates of October 1, 2017 to September 30, 2018). However, projects utilizing state funds are based on a fiscal year beginning July 1st and ending June 30th.

Prioritization

In order to be included in the TIP, a project must be consistent with the MPO adopted long-range transportation plan (LRTP). The adopted LRTP was prepared using estimates of available revenues and project and program costs and is presumed to be cost feasible. The LRTP is referenced in local comprehensive plans and seeks consistency with these plans to the maximum extent feasible. The MPO adopted a list of Priority Projects from the LRTP in September and transmitted them to FDOT for use in preparing the tentative Work Program – these are included in Appendix C and highlighted in the summary of projects section. FDOT then developed the Draft Tentative Work Program and provided the schedule of projects for creation of the TIP. The prioritization of projects in each category is explained in greater detail below.

- SIS Capacity Strategic intermodal system projects are prioritized by FDOT to support regional mobility.
- Major MPO Projects The MPO Board annually prioritizes major highway, transit and freight projects from the list of cost feasible projects in the LRTP based on the Goals, Objectives and Values in the LRTP and the CMP.
- Local Initiative Program These lower cost, non-regionally significant projects are submitted to the MPO annually by local agencies and prioritized using a project scoring system based on the Goals, Objectives and Values in the LRTP.
- Transportation Alternatives Program Active transportation projects submitted to the MPO annually by local agencies and prioritized through the Bicycle Trailways Pedestrian Advisory Committee (BTPAC).
- Shared-Use Nonmotorized (SUN) Trail Network Local governments may submit projects annually to the MPO for prioritization to seek state funding for project implementation. Projects must be paved non-motorized trails on the priority network established by the Florida Office of Greenways and Trails (OGT).
- Major Maintenance These projects are proposed by the maintaining agencies based on the condition of the transportation infrastructure. They are larger projects representing an opportunity to enhance existing facilities through scope modifications or additions.
- Other FDOT and Local Projects These projects are advanced by agencies other than the MPO with outside discretionary funding sources (e.g. local gas taxes, local impact fees, county incentive grant funds, highway safety program funds, etc.).
- O&M - Roadways These projects are proposed by the maintaining agencies based on the condition of the transportation infrastructure and the need to operate it efficiently. May also include administrative tasks to complete earlier projects.
- O&M – Transit These projects are proposed by the transit agencies to continue to operate existing services.
- Airports, Railroads and Seaport Projects identified by the facility owner/operators consistent with their respective master plans.

Summary of Projects

The following tables highlight the status of MPO Priority Projects, projects scheduled for construction in FY 2018, and some of the more significant changes between the adopted FY 17-21 TIP and the FY 18-22 TIP.

Table 1: Major MPO Projects

Rank	Proj. No.	Project	Location	Improvement	Total Cost	< FY 18	Funding in TIP (\$1,000s)						Notes/ Needs			
							FY 18		FY 19		FY 20			FY 21		FY 22
1	2296643	SR 7	60th St to Northlake Blvd.	Construct new 4 lane road	\$54,493	\$49,612	ROW	\$1,089	ROW	\$516	ROW	\$44 ENV \$2,861	ROW	\$371		CST April 2018
2	2296644	SR 7	Okeechobee Blvd. to 60th St	Widen from 2 to 4 lanes	\$19,875	\$19,875										CST October 2017
3	4193452	Southern Blvd / SR 80	L-8 Canal to W of Forest Hill	Widen from 4 to 6 lanes	\$52,948	\$7,854	CST	\$42,090	ROW	\$516	ROW	\$2,077				
							RRU	\$412								
4	4279381	SR 7	Broward Co Line to Glades Rd	Construct buffered bike lanes, shared use pathways, transit shelters and turn lane improvements	\$11,701	\$11,701										CST August 2017
5	2331662	Glades Rd	Various Intersections	Add 3rd N/S left at SR 7, Increase NB off ramp storage at I-95, Convert NB thru to NBL and SB Thru/Right to Excl. Right at NW 13th/University, Add 2nd NB left at NW 4th	\$8,200	\$8,198	RRU	\$2								CST September 2017
6a	4353431	FEC Railroad Crossings	Broward Co Line to 15th St in West Palm Beach	Install Safety/Quiet Zone infrastructure on FEC corridor	\$6,987	\$6,987										CST Underway
6b	4353432	FEC Railroad Crossings	15th St in West Palm Beach to Martin County Line	Install Safety/Quiet Zone infrastructure on FEC corridor	\$2,239		CAP	\$2,239								Construct w/ Brightline phase 2

Table 1: Major MPO Projects (Continued)

Rank	Proj. No.	Project	Location	Improvement	Total Cost	< FY 18	Funding in TIP (\$1,000s)					Notes/ Needs
							FY 18	FY 19	FY 20	FY 21	FY 22	
7	4297671	Tri Rail Support Facility	Northern Layover Facility	Construct new facility to enhance O&M for existing system and support Jupiter extension	\$36,150	\$17,116	CAP \$15,500	CAP \$3,534				Design-Build in Oct 2017
8	4170317	Tri Rail - New Service Extension	West Palm Beach to Jupiter	Extend commuter rail service onto the FEC corridor via the Northwood Crossover and construct 3 new stations – 45th Street, PGA Blvd, and Toney Penna Dr.	\$75,000	\$1,157						\$73,843 Need FDOT to restart PD&E
9	4347352	Palm Tran - Support Facility	Delray Beach: Congress Ave	Expand existing maintenance facilities	\$12,292	\$12,292						CST in 2018
10	430458.1 & .2	Tri Rail	East side of Military Tr S of Glades Rd	Construct second Tri Rail station in Boca Raton on CSX/SFR corridor	\$18,500	\$1,500		CAP \$17,000				
11	2296584	Atlantic Ave	SR 7 to W of Lyons	Widen from 2 to 4 lanes	\$30,919	\$1,571		ROW \$10,486	ROW \$5,172	RRU \$200		
										ENV \$5		
										CST \$13,486		
12	4383861	US 1	Camino Real to Indiantown Rd	New express bus service with associated multimodal corridor improvements	\$54,505	\$2	PDE \$10		PE \$505	PE \$1,510		\$52,480
13	4405091	Boutwell Road	Lake Worth Road to 10th Ave North	Widen from 2 to 3 lanes	\$3,000						CST \$3,000	
14	4405751	Atlantic Ave	W of Lyons to Jog Rd	Widen from 4 to 6 lanes	\$28,310			PDE \$510	PDE \$2,500			\$25
Cost Summary					\$415,120	\$137,865	\$61,342	\$32,562	\$13,159	\$15,572	\$3,000	\$151,623

Table 2: Local Initiative Program

Rank	Proj. No.	Project	Location	Improvement	Total Cost	< FY 18	Funding in TIP (\$1000's)					Notes/Needs
							FY 18	FY 19	FY 20	FY 21	FY 22	
13-1	4351581	Southern Blvd.	At Sansbury's Way Intersection	Add EB right, second WB left and widen C-51 canal	\$7,850	\$1,422	CST \$6,427					
13-2	4351591	SE Avenue G	Main St. to SE 9th St/ Gove Elementary School	Construct sidewalk on the S side of SE Ave G	\$739	\$739						CST April 2017
13-3	2298963	SR 710 Beautification	W of Australian Ave to Dixie Hwy	Install median irrigation and landscaping	\$1,366	\$155	CST \$1,211					
13-4	4351601	Palmetto Park Rd	SR 7 to NW 2nd Ave	Construct 10-ft+ multi-use pathway on the south side of roadway	\$4,241	\$646	RRU \$2					
							CST \$3,593					
13-5	4328832	PGA Blvd	Mirasol/Ave of Champions to US 1	Install Adaptive Traffic Control System	\$2,568	\$2,568						CST April 2017
13-6	4317611	Palm Tran	Systemwide Fare Collection	Implement Easy Card interface, Mobile	\$1,320	\$1,320						
14-1	4328833	W Indiantown Road	Florida Turnpike to US 1	Install Adaptive Traffic Control System and patterned pavement	\$6,599	\$612		CST \$5,964				
								RRU \$22				
14-2	2297444	US 1	11th Street to 27th Street	Install pedestrian scale lighting on east side of	\$1,195	\$0	PE \$360		CST \$835			
14-3	4383841	Australian Ave.	1st Street to Blue Heron Blvd.	Install pedestrian scale lighting	\$3,507			PE \$360	ENV \$15	CST \$3,132		
14-4	4368931	Congress Ave.	Columbia Medical Plaza to Blue Heron	Install pedestrian scale lighting	\$2,182	\$474	ENV \$15	CST \$1,683				
							RRU \$10					
14-5	4368941	Bridge Replacement	Seminole Dr (L-16) Sandalfort (E-1-E) New England Bl (E-1) El Claire Ranch (L-30)	Replace bridges; introduce bike/ped facilities where missing and maximize vertical clearance to promote waterway navigation.	\$2,202	\$2,162	ENV \$40					
	4368944		Seminole Dr (L-16)		\$602				CST \$602			
	4368945		Sandalfort (E-1-E)		\$882				CST \$882			
	4368943		New England Bl (E-1)		\$775				CST \$775			
	4368942		El Claire Ranch (L-30)		\$1,335				CST \$1,335			
14-6	4344271	SR. 80	at CR 880 Intersection	Install street lighting	\$60	\$360	CST \$60					
14-7	4368961	Lowson Blvd/ SW 10th St	Military Trail to SE 6th Ave	Install bike lanes and sidewalks. Includes	\$4,792		PE \$5	\$0	CST \$4,787			

Table 2: Local Initiative Program (Continued)

Rank	Proj. No.	Project	Location	Improvement	Total Cost	< FY 18	Funding in TIP (\$1000's)					Notes/Needs
							FY 18	FY 19	FY 20	FY 21	FY 22	
14-8	4368971	Fiber Optic Cable Installation	Seminole Pratt - SR 80 to Northlake Blvd, Lyons Rd - Lantana Rd to Boynton Beach Blvd, Lawrence Rd - Hypoluxo Rd to Boynton Beach, Military Trail - Linton Blvd to Glades/Butts Rd	Install fiber optic communication cable to connect additional traffic signals to ITS network	\$2,902		PE \$310		CST \$2,592			
14-9	4368991	Hamlin Blvd	190th St to 180th Ave N	Construct a 6-ft pathway	\$898		PE \$260	ENV \$40		CST \$598		
14-10	4383871	Video Camera Detection	27 mast arm traffic signals with loop detection	Replace inductive loops with video camera detection	\$1,815		PE \$60		CST \$1,755			
14-11	4383881	Clint Moore Road	Congress Ave to NW 2nd Ave.	Construct 10-ft shared use pathway on the south side of the corridor	\$1,197		PE \$310	ENV \$30	CST \$857			
14-12	4383891	Swinton Ave	S 10th St to NE 4th St	Widen to provide two 10-ft travel lanes, 4-ft bike lanes and 6-ft sidewalks. Add street lighting, drainage, landscaping.	\$3,197		PE \$510	ENV \$20	CST \$2,667			
15-1	4383901	Two New WPB Trolley Routes	Tri-Rail Station to northern and southern WPB	Purchase seven (7) vehicles to support new trolley service	\$1,505		CAP \$1,505					
15-2	4383921	Palm Tran Bus Shelters	Various locations along existing bus routes	Construct 30 transit shelters	\$600		CAP \$600					
15-3	4383961	WPB Trolley Shelters	Various locations along existing trolley lines	Construct seven (7) trolley shelters	\$571			CAP \$571				
15-4	4383941	Homewood Blvd	Old Germantown Rd to Lowson Blvd	Install bike lanes and sidewalks	\$1,393			PE \$360	ENV \$20	CST \$1,013		
15-5	4383951	George Bush Blvd	NE 2nd Ave to A1A (excluding ICWW bridge)	Widen to provide two 10-ft travel lanes, 5-ft bike lanes and 5-6 ft sidewalks. Add street lighting, drainage, landscaping.	\$3,733			PE \$510	ENV \$20	CST \$3,203		

Table 2: Local Initiative Program (Continued)

Rank	Proj. No.	Project	Location	Improvement	Total Cost	< FY 18	Funding in TIP (\$1000's)					Notes/Needs
							FY 18	FY 19	FY 20	FY 21	FY 22	
15-6	4383991	New Boca Raton Trolley	Tri-Rail Station to Downtown and Downtown Circulator	Purchase seven (7) vehicles to support new trolley service	\$3,010			CAP \$3,010				
15-7	4384001	Existing Delray Beach Trolley	Tri-Rail Station to Atlantic Ave/A1A	Replace four (4) vehicles	\$1,720				CAP \$1,720			
15-8	4384021	NE 5th Ave	Boca Raton Road to NW 20th St	Construct 6-ft sidewalk on west side	\$734			PE \$260	ENV \$10	CST \$464		
16-1	4400411	Congress Ave.	C-15 Canal to Atlantic Ave	Convert 6L to 4L and install protected bike lanes	\$5,113			PE \$5		CST \$5,108		
16-2	4400421	US 1 (Dixie Highway)	Albermarle Rd to Okeechobee Blvd	Convert 4L to 3L and associated multimodal improvements	\$6,379			PE \$759	ENV \$309	CST \$5,311		
16-3	4400431	Brant Bridge	Bridge over C-15 Canal	Bridge replacement and inclusion of shared use path	\$2,346			PE \$573	ENV \$100	CST \$1,673		
16-4	4400441	Big Blue Trace	Wellington Trace to South Shore Blvd	Add bike lanes, bike lane relocation at intersection; crosswalk striping	\$693			PE \$5		CST \$688		
16-5	4400451	Traffic Calming in Indian Trail Improvement District	Various midblock locations	Install speed tables, midblock islands, raised medians	\$1,127			PE \$245	ENV \$53	CST \$829		
16-6	4400461	Lake Worth Road	Erie Street to A Street	Pedestrian enhancements/ traffic circle reconfiguration	\$559				PE \$454	ENV \$105		\$384K Needed
--	4352071	Reserve Box		Reserve funding for Local Initiative Projects	\$21,130				\$450	\$3,776	\$16,904	
Cost Summary						\$10,459	\$15,278	\$14,417	\$20,238	\$25,900	\$16,904	\$384

Table 3: Transportation Alternatives Program

Rank	Proj. No.	Project	Location	Improvement	Total Cost	< FY 18	Funding in TIP (\$1000's)					Notes/Needs
							FY 18	FY 19	FY 20	FY 21	FY 22	
13-1	4350841	5th Avenue	South A Street to South F Street	Improve city right-of-way to construct shared-use path, benches, landscaping and decorative crosswalks	\$1,164	\$1,164						CST Aug 2017.
13-2	4350801	NE 2nd Ave	George Bush Blvd to NE 13th St	Construct sidewalks, add designated bike lanes, reduce vehicle travel lane widths, install landscaping	\$733	\$733						CST Aug 2017.
13-3	4351461	Tamarind Ave	Banyan Blvd to Palm Beach Lakes Blvd	Construct sidewalk on west side of corridor, install pedestrian lighting and landscaping	\$959	\$959						CST Sep 2017.
13-4	4368721	NE 2nd Ave	NE 13th St to NE 22nd St	Construct sidewalks, add designated bike lanes, reduce vehicle travel lane widths, install landscaping	\$1,641	\$5	CST \$1,631					
14-1	4369301	Safe Routes to Schools	Australian Ave - 9th St to 13th St Kirk Road - Forest Hill Blvd to Pot O' Gold St. Military Trail – Dolphin Dr to Old Military Tr	Install overhead school zone flashers	\$487	\$5	CST \$477					
14-2	4369321	North Shore Neighborhood	Residential Streets bounded by 45th St, Congress Ave, Australian Ave and Lake Mangonia	Construct ADA compliant ramps and sidewalks, enhanced crosswalks, and signage	\$578	\$5	CST \$568					
14-3	4368741	Okeechobee Blvd	Folsom Rd to SR 7 and Partridge Lane south of Okeechobee Blvd.	Install pedestrian and roadway lighting	\$1,547	\$5	CST \$1,537					

Table 3: Transportation Alternatives Program (Continued)

Rank	Proj. No.	Project	Location	Improvement	Total Cost	< FY 18	Funding in TIP (\$1000's)					Notes/Needs
							FY 18	FY 19	FY 20	FY 21	FY 22	
14-4	4382891	Seacrest Blvd	NE 22nd Street to Gulfstream Blvd	Add green bike lanes, wider sidewalks, brick crosswalks and school zone lighting	\$1,709	\$5		CST \$1,699				
15-1	4287181	US 1	Beach Rd to Martin County Line	Add buffered bike lanes, street trees and signage.	\$5,244	\$696	CST \$3,852					
15-2	4383061	Binks Pointe Pathway	Binks Forest Dr. to Flying Cow Road	Construct Multi-use pathway to connect to Wellington Environmental Preserve	\$556	\$7		CST \$542				
15-3	4382901	ADA Update	Various Royal Palm Beach neighborhoods	Upgrade existing sidewalks to ADA standards in residential neighborhoods	\$844	\$5		CST \$834				
15-4	4382911	Missing Sidewalks	Various Belle Glade neighborhoods	Construct missing sidewalks near schools	\$1,535	\$368		CST \$798				
15-5	4383851	ADA Update	Various West Palm Beach neighborhoods	Upgrade existing sidewalks to ADA standards near schools	\$884	\$5		CST \$874				
16-1	4400141	Bicycle Improvements	Aero Club Drive	Construct 4.2 mile long bike lane	\$766		PE \$5		CST \$761			
16-2	4400151	Pedestrian Bridge	North Shore Bridge	Construct pedestrian bridge west of existing bridge	\$1,015		PE \$5		CST \$1,010			
16-3	4400121	ADA/Crosswalk Improvements	Roosevelt Estates Neighborhood	Install ADA ramp improvements and textured pavement in crosswalks	\$910		PE \$5		CST \$905			
16-4	4400171	Alley Project	Various	Pave Delray Beach alleyways and install landscaping	\$2,572		PE \$5		CST \$2,567			
Cost Summary					\$23,143	\$3,963	\$8,086	\$4,746	\$5,242	\$0	\$0	\$0

Table 4: SUN Trail Program

Rank	Applicant	Proj. No.	Project	Location	Improvement	Total Cost	< FY 18	Funding in TIP (\$1000's)					Notes/Needs
								FY 18	FY 19	FY 20	FY 21	FY 22	
16-1	West Palm Beach	4394041 & 2	US 1 (Broadway Ave)	25th St to 42nd St	Convert 4-lane roadway to 2-lane divided roadway with Shared-Use Nonmotorized trail in median.	\$6,024		PE \$1,260 ENV \$20 PE \$150					\$4,744
Cost Summary								\$1,430					\$4,744

Table 5: FY 2018 Construction/Implementation Projects

Project Number	Location	Improvement	Construction Funding FY 2018 (in 1,000's)	
4344271	SR-80 from R/R tracks to CR-880	Resurfacing	\$4,721 \$15,776	Federal State
4061441	Turnpike from N of Boynton Beach Blvd (MP 88) to WPB Service Plaza (MP 93)	Widen from four to eight lanes – new lanes will be express lanes	\$165,090	Toll/Turnpike
4275161	I-95 from the L30 Canal to N. of Gateway Blvd	Resurfacing	\$15,895 \$127	Federal State
4316451	Military Trail/SR-809 At Northlake Blvd	Intersection Improvements	\$186 \$186	State Local
4319206	West Palm Beach Operations Center	Roof System Replacement	\$120	State
4321511	I-95 @ PGA Blvd Interchange	Lighting	\$757	State
4347221	I-95 @ Atlantic Ave/SR-806 Interchange	Reconstruct I-95 Interchange (add lanes) at Atlantic Ave to add capacity	\$5,369 \$184	Federal State
4349482	Northwood Connection From CSX Mainline to FEC Mainline	New railroad connection	\$12,476	State
4356152	Turnpike at Glades Rd NB Exit Ramp	Ramp Improvements - Thermoplastic	\$6	Toll/Turnpike
4363021	Southern Blvd/SR-80. from Pike Road to E. of NB Turnpike Ramps	Add westbound right turn lanes.	\$1,610	State
4365211	Turnpike: MP 106.1 To 111.7	Resurfacing	\$9,781	Toll/Turnpike
4365213	Turnpike: MP 106.1-111.7	Install Guardrail	\$1,358	Toll/Turnpike
4400791	Blue Heron/Sr-708: Military Trail to Congress Avenue	Intersection Lighting Improvements	\$213 \$12	Federal State
4400801	Military Trail/SR-809: Shiloh Drive to Burns Road	Intersection Lighting Improvements	\$782	Federal
4402961	City Of Belle Glade Roadways - Various Locations	Resurfacing	\$928	State
4403911	McClure Rd: Lake Ave to Rim Canal Rd	Small County Outreach Program project - resurfacing	\$3,428	State
4392291	South Central Florida Express Railway	Southeast Rail Extension	\$5,000 \$1,667	State Local
4407051	Port of Palm Beach	Upland Cargo Improvements	\$2,000 \$2,000	State Local

Table 6: Significant Changes from FY 17-21 TIP

Project Number	Location	Improvement	Significant Change
2319321	I-95 @ Gateway Blvd	Interchange Improvement	Advanced PE from FY 20 to FY 18 Added \$12M ROW in FY 20 Added \$39M CST in FY 22
4358041	I-95 @ Boynton Beach Blvd	Interchange Improvement	Advanced PE from FY 21 to FY 18 Added \$17M ROW in FY 20 Added \$54M CST in > FY 22
4124204	I-95 @ Glades Road	Interchange Improvement	Added \$24M CST in FY 19 - to be built with I-95 express (S of Glades Rd to Linton Blvd)
4132651	I-95 @ PGA/Central Blvd	New Interchange	Advanced \$8.8M ROW to FY 19 Added CST \$83M in > FY 22
4358031	I-95 @ Northlake Blvd	Interchange Improvement	Advanced PE from FY 21 to FY 18 Added \$58.5M ROW in FY 20-22 Added \$15M CST in FY 22
4363071	SR 80 at Forest Hill Blvd	Construct 3rd WB to SB left turn lane, Channelized NB to EB right turn lane	Advanced \$4.6M CST from FY 20 to FY 19
4171321	Turnpike: Glades to Atlantic	Widen from 6 to 8 lanes	Delayed \$244M CST from FY 20 to FY 22
4182141	Turnpike: Broward County line to Glades	Widen from 6 to 8 lanes	Delayed \$241M CST from FY 21 to > FY 22
4371691	Turnpike: Atlantic to Boynton	Widen from 6 to 8 lanes	Delayed \$299M CST from FY 20 to > FY 22
4061441	Turnpike: Boynton Beach Blvd to Lake Worth Rd	Widen from 4 to 8 lanes	Added \$10M to CST in FY 18
4192511	SR-710/Beeline Hwy: Northlake to Blue Heron Blvd	Widen from 4 to 6 lanes	Delayed \$90.5M CST from FY 20 to FY 22

Table 6: Significant Changes from FY 17-21 TIP (Continued)

Project Number	Location	Improvement	Significant Change
4398421, 4401081, 4401501 4401581, 4399291	US-27: Broward County line to South Bay	Resurfacing, widen shoulders, replace guardrail	Added \$1.4M PE in FY 18 Added \$2.57M PE in FY 19 Added \$26.5M CST in FY 20 Added \$20.8M CST in FY 21
4399301	US-27: CR827 & Okeelanta Rd Intersections	Added acceleration lanes	Added \$412K PE in FY 19 Added \$1.84M CST in FY 21
4397581	I-95 at Indiantown Road	Reconstruct/Signalize NB Off Ramp Add EB auxiliary lane between I-95 NB and Island Way	Added \$505K PE in FY 20 Added \$3.8M CST in FY 22
4397591	I-95 at Belvedere Road	Add Second NB to EB Right Turn Lane	Added \$209K PE in FY 20 Added \$1.0M CST in FY 22
4397551	I-95 at Okeechobee Blvd	Add EB to SB Right Turn lane	Added \$132K PE in FY 20 Added \$880K CST in FY 22
4398601	I-95 NB along Diane Drive in Boynton Beach	Extend Noise Wall	Added \$283K PE in FY 18 Added \$1.5M CST in FY 20
4401051	North Palm Beach County Airport	Runway 13/31 Expansion	Added \$10M CST in FY 20
4400781	Military Trail from Southern Blvd to Cumberland Drive	Intersection Lighting Improvements	Added \$185K PE in FY 18 Added \$665K CST in FY 19
4406001	SR-7 At Stribling Way	Add 2nd NB and SB Left Turn Lanes	Added \$600K PE in FY 21
4275162	I-95 from Gateway Blvd to Lantana Road	Resurfacing	Added \$1.6M PE in FY 18 Added \$6.5M CST in FY 20
4398411	US-1 N of Linton Blvd	Resurfacing	Added \$275K PE in FY 18 Added \$1.3M CST in FY 20
4398431	SR-15 from S of Morgan Rd to S of Shirley Dr	Resurfacing	Added \$445K PE in FY 18 Added \$2.8M CST in FY 20
4398441	Boynton Beach Blvd. from Lyons Road to E of Turnpike	Resurfacing	Added \$395K PE in FY 18 Added \$2.5M CST in FY 20

Public Involvement Process

A Draft FY 2018-2022 TIP is scheduled to be presented as an information item to the MPO Board on May 18, 2017. The Palm Beach MPO is scheduled to adopt the FY 2018-2022 TIP at a public meeting of the MPO Board on June 17, 2017. The following opportunities for public review and comment are offered for more than 30 days prior to the public meeting:

- Website - The Draft FY 2018-2022 TIP document in PDF form, Notice of the Public Meeting and an online public comment are posted to www.PalmBeachMPO.org. The website also provides information on all of the ways to review the draft TIP and offer public comments.
- Newspaper advertising – Provides notice of the Public Meeting and information of the various opportunities for viewing the Draft TIP, asking questions and offering public comment. Palm Beach Post – Display ads published in the main section on X and X. Spanish language ads were published in the free weekly editions of el Latino Semanal on X and X.
- MPO Office and 18 Palm Beach County libraries and 11 Municipal Libraries – Distribute a printed notice with instructions to access the online Draft FY 2018-2022 TIP document for public review and comment.
- MPO Committees - The Draft TIP is reviewed for approval by the MPO's Technical Advisory Committee (TAC), Citizens Advisory Committee (CAC) and Bicycle Trailways Pedestrian Advisory Committee (BTPAC). The TAC is comprised of planning and engineering staff from municipal, county and state agencies and organizations to provide input on the technical aspects of the program. The CAC is comprised of representatives from the community with interests in transportation and planning in accordance with the requirements of TEA-21 and Chapter 339.175, F.S., to provide a citizen viewpoint on transportation projects and impacts. The BTPAC is comprised of representatives from the community with interests in active transportation.
- MPO Board meeting – Public comments are heard at the publicly noticed MPO Board meetings during the initial information draft on May 18, 2017 and the proposed final adoption on June 17, 2017.

Funding

A typical project includes a Project Development and Environment (PD&E) phase, a Design (PE) phase, a Right of Way (ROW) phase and a Construction (CST) phase. Costs on the TIP pages will have historical costs, five years of the current TIP and projected future costs to complete the project consistent with the CF Plan. For some ongoing programs, such as resurfacing, safety or operational project, there may not be a total cost provided but rather additional details on that program.

The Transportation Improvement Program (TIP) is financially constrained for each year. Federally funded projects identified in the TIP can be implemented using current proposed revenue sources based on the Florida Department of Transportation Tentative Work Program and locally dedicated transportation revenues. All Projects funded by the Florida Department of Transportation (FDOT) with federal or non-federal dollars are included in a balanced 36-month forecast of cash and expenditures and a five-year finance plan supporting the FDOT Work Program. All local government projects (non-federally funded) that are included in the TIP are part of member local government's capital improvement programs. The following table provides a summary of federal, state and local funding codes as well as the dollar amounts allocated to projects within each funding code by fiscal year. Note that all project costs are shown in year of expenditure dollars, meaning the costs reflect the adjusted value of the work at the time the funds will be expended on the project.

Funding Codes

Fund Code / Name		2018	2019	2020	2021	2022	Total
Federal							
5307	FEDERAL TRANSIT URBAN AREA FORMULA FUNDS	19,503,650	20,003,650	16,638,650	18,896,650	18,896,650	93,939,250
5311	FEDERAL TRANSIT RURAL AREA FORMULA FUNDS	307,535	307,535	307,535	307,535	307,535	1,537,675
ACBR	ADVANCE CONSTRUCTION (BRT)	3,500,000	-	-	-	-	3,500,000
ACNP	ADVANCE CONSTRUCTION NHPP	48,149,770	61,787,695	30,167,080	51,403,005	108,474,171	299,981,721
ACSA	ADVANCE CONSTRUCTION (SA)	6,247,493	-	-	-	-	6,247,493
ACSU	ADVANCE CONSTRUCTION (SU)	1,799,999	-	-	-	-	1,799,999
ACTA	ADVANCE CONSTRUCTION TALT	376,927	-	-	-	-	376,927
CM	CONGESTION MITIGATION - AQ	1,674,819	-	-	-	1,761,455	3,436,274
FAA	FEDERAL AVIATION ADMIN	840,000	3,075,000	12,825,000	-	-	16,740,000
HSP	SAFETY (HIWAY SAFETY PROGRAM)	5,651,504	1,646,764	4,416,516	824,364	-	12,539,148
NHRE	NAT HWY PERFORM - RESURFACING	-	-	2,678,330	-	-	2,678,330
RHH	RAIL HIGHWAY X-INGS - HAZARD	557,620	-	-	-	-	557,620
RTA	SFRTA	666,000	666,000	666,000	666,000	-	2,664,000
SA	STP, ANY AREA STATEWIDE	10,619,130	9,808,089	4,496,725	-	4,762,197	29,686,141
SU	STP, PALM BEACH MPO	18,730,921	19,100,610	19,896,687	19,904,455	19,904,455	97,537,128
TALT	TRANSPORTATION ALTS- ANY AREA STATEWIDE	1,133,111	1,582,680	1,078,388	-	-	3,794,179
TALU	TRANSPORTATION ALTS PALM BEACH MPO	1,601,014	1,608,710	1,606,762	-	-	4,816,486
<i>Federal Subtotal</i>		<i>121,359,493</i>	<i>119,586,733</i>	<i>94,777,673</i>	<i>92,002,009</i>	<i>154,106,463</i>	<i>581,832,371</i>
State							
BG	BLOCK GRANT TRANSIT FUNDS	5,155,087	5,325,275	5,591,538	5,759,284	-	21,831,184
BNBR	AMENDMENT 4 BONDS (BRIDGES)	-	1,806,737	-	99,344,464	-	101,151,201
BNIR	INTRASTATE R/W & BRIDGE BONDS	-	8,707,427	-	-	-	8,707,427
BRRP	STATE BRIDGE REPAIR & REHAB	803,619	10,042,789	3,086,401	-	-	13,932,809
CIGP	COUNTY INCENTIVE GRANT PROGRAM	3,175,815	2,852,481	1,797,184	2,282,933	-	10,108,413
D	UNRESTRICTED STATE PRIMARY	15,884,030	16,183,414	16,909,981	16,581,415	16,470,445	82,029,285
DDR	DISTRICT DEDICATED REVENUE	53,809,003	33,906,264	44,388,964	62,797,134	8,249,567	203,150,932
DI	INTER/INTRASTATE HWY STATEWIDE	664,000	76,752,062	27,938,860	10,520,000	82,337,228	198,212,150
DIH	STATE IN-HOUSE PRODUCT SUPPORT	1,328,481	1,611,990	1,363,229	1,366,606	721,871	6,392,177
DIS	STRATEGIC INTERMODAL SYSTEM	-	3,000,000	8,500,000	-	-	11,500,000
DITS	STATEWIDE ITS	1,398,203	1,433,157	1,468,986	1,505,711	1,543,354	7,349,411
DPTO	PUBLIC TRANSIT OFFICE	14,700,537	9,676,653	11,036,057	1,724,663	6,437,996	43,575,906
DS	PRIMARY HIGHWAYS & PTO	13,167,814	33,740,329	13,607,102	16,107,075	17,455,961	94,078,281
FCO	PRIMARY/FIXED CAPITAL OUTLAY	120,000	-	-	-	-	120,000
GMR	GROWTH MANAGEMENT FOR SIS	8,620,103	1,195,997	-	-	-	9,816,100

Fund Code / Name		2018	2019	2020	2021	2022	Total
State (continued)							
PKBD	TURNPIKE MASTER BOND FUND	-	-	-	-	244,355,174	244,355,174
PKYI	TURNPIKE IMPROVEMENT	184,855,767	8,270,922	4,459,998	2,070,000	116,156,822	315,813,509
PKYO	TURNPIKE TOLL COLLECTION/OPER.	47,453,151	45,271,474	46,497,101	48,059,169	48,639,955	235,920,850
PKYR	TURNPIKE RENEWAL & REPLACEMENT	14,118,696	26,406,775	528,737	40,142	-	41,094,350
PORT	SEAPORTS	2,000,000	-	-	-	-	2,000,000
SCRC	SCOP FOR RURAL COMMUNITIES	4,355,911	-	-	-	-	4,355,911
SED	STATE ECONOMIC DEVELOPMENT	450,000					450,000
SIWR	2015 SB2514A-STRATEGIC INT SYS	-	23,846,504	-	-	-	23,846,504
TCOR	TRANSIT CORRIDOR	865,000	-	-	-	-	865,000
TDTF	TRANS DISADV - TRUST FUND	2,732,998	2,732,998	2,732,998	2,732,998	-	10,931,992
TLWR	2015 SB2514A-TRAIL NETWORK	150,000					150,000
TMBD	I-95 EXPRESS LANES	498,456	1,183,147	1,276,895	1,276,895	1,276,895	5,512,288
TRIP	TRANS REGIONAL INCENTIVE PROGM	17,325,585	8,500,000	134,506	371,436	-	26,331,527
TRWR	2015 SB2514A-TRAN REG INCT PRG	316,693	-	1,304,954	-	-	1,621,647
<i>State Subtotal</i>		<i>393,948,949</i>	<i>322,446,395</i>	<i>192,623,491</i>	<i>272,539,925</i>	<i>543,645,268</i>	<i>1,725,204,028</i>
Local							
ADR	ADVERTISING REVENUE	723,000	723,000	723,000	723,000	-	2,892,000
ADV	AD-VALOREM	49,715,045	50,905,245	52,143,052	33,807,970	-	186,571,312
BOCA	BOCA RATON	375,000	375,000	375,000	375,000	-	1,500,000
CENW	CENTURY WEST	375,000	375,000	375,000	375,000	-	1,500,000
DL	LOCAL FUNDS - PTO - BUDGETED	703,590	-	-	-	-	703,590
DOSS	DIVISION OF SENIOR SERVICES	339,669	339,669	339,669	339,669	-	1,358,676
FBR	FAREBOX REVENUE	11,720,769	11,720,769	11,720,769	11,720,769	-	46,883,076
GT	LOCAL OPTION GAS TAX	71,701,000	72,865,000	56,903,000	46,542,000	-	248,011,000
IF	IMPACT FEE	21,387,000	21,074,000	15,055,000	9,861,000	-	67,377,000
LF	LOCAL FUNDS	37,451,749	50,166,384	44,806,386	20,411,797	6,814,709	159,651,025
LFP	LOCAL FUNDS FOR PARTICIPATING	-	1,554,570	-	-	-	1,554,570
<i>Local Subtotal</i>		<i>194,491,822</i>	<i>210,098,637</i>	<i>182,440,876</i>	<i>124,156,205</i>	<i>6,814,709</i>	<i>718,002,249</i>
Grand Total		709,800,264	652,131,765	469,842,040	488,698,139	704,566,440	3,025,038,648



Understanding the TIP

The following informational guide has been developed to assist the reader in understanding the layout and content of the TIP report.

1	2	3	4	5	6
7	Type of Work: INTERCHANGE RAMP (NEW)	I-95/SR-9/AUX LANES FROM FROM S. OF GLADES RD TO TO N. OF YAMATO - FM# 4124202	Length: 3.870 mi	*SIS*	*RSP*
8			Lead Agency: FDOT		
9		Lanes (Existing/Improve/Add): 8/ 8/ 2	10	LRTP#: CH6-P7	
11					
12	CST (5NA)	DS	0	0	6,458,591
	CST (5NA)	DIH	0	0	1,029,218
	CST (5NA)	SU	0	0	14,411,537
	CST (5NA)	DDR	0	0	15,453,404
	Total		0	0	37,352,750
13	Prior Years Cost	2,630,742	14	Future Years Cost	
15					

1. Project Name.
2. Project Limits or Description.
3. FDOT Financial Management Number.
4. Length of the project in miles.
5. Identifies whether the project is part of the Strategic Intermodal System.
6. Identifies whether the project is a Regionally Significant Project.
7. Shows the Type of Work accomplished by the project.
8. Identifies the lead agency for the project.
9. Identifies the number of existing lanes, the number of lanes to be improved and the number of lanes to be added by the project.
10. Identifies how the project is referenced in the Long Range Transportation Plan (LRTP).
11. Provides any explanatory notes for the project.
12. Identifies each phase, unique fund code and funding amount by fiscal year. The phase code explanations are shown in the glossary. The names of the various fund codes and funding totals for each code are shown on page 12.
13. Identifies any funds already encumbered/expended for the project in previous years.
14. Identifies any funds expected to be necessary for the project in future years beyond the five year period addressed in the TIP.
15. Identifies the total project cost including prior years, the current TIP and future years.

APPENDIX A

GLOSSARY

<u>PHASE CODE</u>	<u>NAME</u>
CAP	Capital
CST	Construction Scheduled
DSB	Design Build
ENV	Environmental
INC	Contract Incentives
MNT	Maintenance
MSC	Miscellaneous Construction Scheduled
OPS	Operations
PDE	Project Development and Environmental
PE	Preliminary Engineering Scheduled
PLN	Planning Scheduled
ROW	Right of Way Acquisition Scheduled
RRU	Railroad & Utilities

*For Fund Code Glossary, please see Fund Summary on page 13.

US-1 Multimodal Corridor Study



CONNECTING COMMUNITIES
In Palm Beach County



2.0

Kickoff Event

Saturday May 6, 2017
9 AM - 1 PM

Sanborn Square, 72 N Federal Hwy. Boca Raton, FL 33432



Get informed! Get involved!

Come learn about the Palm Beach Metropolitan Planning Organization's study to improve multimodal transportation across 14 communities along US-1 in Palm Beach County!

@US1PBCorridorStudy

#US1PBCorridorStudy



US1PBCorridorStudy.com



info@US1PBCorridorStudy.com





South Florida COMMUTER CHALLENGE 2017

Take the Challenge!

In support of National Clean Air Month, South Florida Commuter Services, a program of the Florida Department of Transportation, is hosting a Commuter Challenge throughout Monroe, Miami-Dade, Broward, Palm Beach, Martin, and St. Lucie Counties! To participate, individuals must log at least one commute using an alternative transportation mode, such as carpooling or transit, during the month of May.

How It Works

- Download the app
- Register for the Challenge
- Tap in and tap out to log trips
- Log at least one alternative mode trip in May



Individual Benefits

Commuters will be rewarded for using alternative modes through a variety of incentives. Mileage leaders will also be recognized on the website's real-time leaderboard. For commuters used to driving alone, the Challenge will provide an opportunity to explore new options to reduce the cost, time, and stress associated with their drive to work.

Employer Benefits

Throughout the campaign, participating employers will be recognized for their leadership and community stewardship through features on various local media outlets, collateral materials, billboards, press releases, and more. These partners will also be eligible for featured profiles on the

Community Benefits

By reducing the number of vehicles on the road, this campaign will improve traffic conditions and air quality throughout the region.

Additionally, the technology being used will allow FDOT to capture data critical to analyzing and improving current transportation systems and programs.

Contact

South Florida Commuter Services
1-800-234-RIDE (7433) | 1800234ride.com



PALM BEACH METROPOLITAN PLANNING ORGANIZATION

2300 N. Jog Rd., 4th Floor, West Palm Beach, Florida 33411-2749

Phone 561.684.4170 Fax 561.242.7165 www.PalmBeachMPO.org

Summary Points of the April 20, 2017 Governing Board Meeting

PDF versions of the agenda, backup material and presentations as well as audio recordings are available for review at www.PalmBeachMPO.org/Board

Item No.	Description	Action
Consent Items		
1.H.1	MOTION TO APPROVE the Palm Beach MPO's FY 18 Operating Budget	Approved
1.H.2	MOTION TO ADOPT a Resolution recommending that the Florida Commission for Transportation Disadvantaged (CTD) re-designate the Board of County Commissioners (BCC) of Palm Beach County as the Community Transportation Coordinator (CTC) for Palm Beach County.	Adopted
1.H.3	MOTION TO APPROVE the Appointment of Mr. Jorge Perez as an Alternate for the Palm Beach County Planning Department on the Technical Advisory Committee (TAC).	Approved
1.H.4	MOTION TO APPROVE the Appointment of Mr. Gary Dunmyer as the Representative for the City of Boynton Beach on the Bicycle, Trailways, Pedestrian Advisory Committee (BTPAC).	Approved
1.H.5	MOTION TO APPROVE the Appointment renewals to MPO Advisory Committees <ul style="list-style-type: none"> a. Ms. Angela Usher as Representative for the School District of Palm Beach County to the TAC through April 2020 b. Mr. Michael Owens as Representative for the School District of Palm Beach County to the BTPAC through April 2020 	Approved
1.H.6	MOTION TO APPROVE the Appointment renewals to the Transportation Disadvantaged Local Coordinating Board (TDLCB). Approval would extend their term to April 2020. <ul style="list-style-type: none"> ▪ Mr. Myron Nagelberg, representing Florida's Department of Veteran's Affairs ▪ Ms. Sharon Greene, representing the local medical community ▪ Mr. Tomas Boiton, citizen's advocate ▪ Mr. David Rafaidus, representing Palm Beach County's Community Action ▪ Mr. David Evans, representing the elderly 	Approved

General Public Comments		
1.I	There were no general public comments received.	
Action Items		
2.A	MOTION TO ADOPT a Long Range Transportation Plan (LRTP) Amendment to add improvements at I-95 and Woolbright Road to the Cost Feasible Plan with construction in FY 2024	Adopted
2.B	MOTION TO ADOPT an LRTP Amendment to add the MPO Endorsed Improvements at I-95 and Glades Road to the Cost Feasible Plan with construction in FY 2019	Adopted
Information Items		
3.A	<p>Palm Tran Update</p> <p>Palm Tran's Executive Director, MR. CLINTON FORBES, provided a system overview and discussed the assessment phase of listening and learning. He reviewed Palm Tran's accomplishments, which include a new mission and vision statement, reorganization and new buses. He also discussed Palm Tran's future Delray Facility and endeavors.</p>	
3.B	<p>Strategic Intermodal System (SIS) 2045 Multimodal Unfunded Needs Plan</p> <p>FDOT District 4 SIS Coordinator, MS. LISA DYKSTRA, briefly reviewed the purpose of and planning for Florida's SIS. She also presented the draft SIS 2045 Multimodal Unfunded Needs Plan, which identifies capacity and mobility needs on the SIS.</p> <p>MR. UHREN briefly presented an overview of the SIS Funding, content and prioritization. The MPO Board directed him to write a letter to FDOT expressing the desire to see more multimodal projects funded through the SIS program and to express reservations regarding some of the major projects identified.</p>	
3.C	<p>Brightline Update</p> <p>Brightline's Director of Public Affairs, MS. ALI SOULE, highlighted key features of the new trains which include reserved seating and an optimal design for accessibility. She reviewed the project progress for the tri-county area, the status of the installation of quiet zone infrastructure along the Palm Beach County test track, and the Phase 1 service timeline.</p>	
3.D	<p>US-1 Multimodal Study</p> <p>MPO Multimodal Manager, MS. VALERIE NEILSON, provided an overview of the study. She highlighted the kickoff event in the City of Boca Raton that will be held on May 6th, and briefly reviewed the schedule of Charrettes and Stakeholder interviews that will occur between May and October 2017.</p>	

Item No.	Description	Action
3.E	Regional Commuter Challenge Update South Florida Commuter Services (SFCS) Project Director, MR. JIM UDWARDY, provided a brief update on the Regional Commuter Challenge that is in collaboration with SFCS and FDOT. He noted this year's challenge will feature a mobile app for participants to use for logging their daily miles, and encouraged all present to take part in the Challenge.	
3.F	Correspondence There was no discussion on these items.	
Administrative Items		
4.A	March 2017 Public Involvement Activity Report There was no discussion on this item.	
4.B	Member Comments There were no member comments received.	
4.C	Next meeting: May 18, 2017	

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