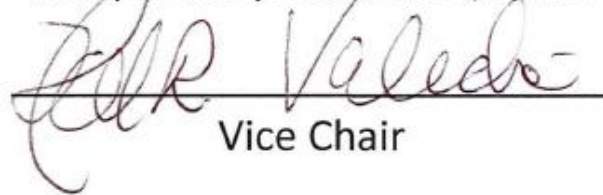




Annual List of Priority Projects

FY 2018-2022

Adopted September 15, 2016


Vice Chair

www.PalmBeachMPO.org/Priorities

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Overview

The Palm Beach Metropolitan Planning Organization (MPO) Transportation Improvement Program (TIP) for Fiscal Years 2018 through 2022 begins with approval of a list of Priority Projects. Pursuant to s. 339.175(8), F.S., the MPO must transmit the project list to the Florida Department of Transportation (FDOT) by October 1 of each year. FDOT uses the Priority Project list to develop their Five Year Work Program and the MPO uses the list to develop the TIP.

The Palm Beach MPO expects all currently programmed priority projects to advance to implementation unless otherwise indicated. For this reason, all previous Priority Projects that have not yet been implemented continue to be shown on the project list. If the lead agency for a Priority Project cannot complete the programmed phase and advance the project to the next logical phase, it is incumbent upon the agency to provide an explanation to the Palm Beach MPO.

The Priority Projects are divided into three categories consistent with the adopted 2040 Long Range Transportation Plan (LRTP) and the funding sources assumed in the financial plan of the LRTP and the addition of a fourth category to account for available funding through the SUNTrail Program. The MPO Board also adopted resolution MPO 2015-04 on June 18, 2015 to further clarify the funding expectations for implementation of MPO Priority Projects as summarized below. The resolution noted that Strategic Intermodal System (SIS) Projects identified by FDOT are to be funded primarily with SIS revenue, other minor projects (e.g. local projects, FDOT safety projects, etc.) are to be funded with discretionary resources, and the implementation of these projects shall create no adverse impacts on implementation of MPO Priority Projects.

- Major Highway, Transit and Freight Projects are to be funded with a portion of SA Funds, DDR Funds, DS Funds and DPTO Funds. The portion of funding available for Major MPO Priority Projects is expected to be the remaining revenue from these sources after satisfying operations and maintenance requirements, district-managed SIS commitments, and statutory obligations to other modes of transportation.
- Local Initiative Projects are to be funded with the MPO's suballocated share of Surface Transportation Program funds (SU) where possible in FY 18-20 with all SU Fund revenue allocated to the Local Initiatives Program in FY 21 and forward.
- Transportation Alternative Projects are to be funded with the federal Transportation Alternative (TA) revenue.
- SUNTrail Projects are to be funded through FDOT's allocation of funds to the SUNTrail program. The MPO's Priority Projects list for FY 17-21 was amended to include local projects in competition for funding in order to be eligible for consideration.

The projects on each list are consistent with the goals, objectives and values of the LRTP and further emphasize preserving the existing transportation infrastructure, enhancing Florida's economic competitiveness, and improving travel choices to ensure mobility. Eligible projects were evaluated and ranked pursuant to the Goals, Objectives and Values of the adopted LRTP and the project scoring sheets used to implement the LRTP, both of which have been attached as Appendix A.

The MPO prepared and adopted the following list of priority projects that is multimodal in nature and provides overall direction to FDOT in allocating funds. The public involvement process included presentation and discussion of the project list at meetings open to the public; agendas for these meetings were provided to the local news media and posted on the MPO website. The advisory committees reviewed the project list on September 7-8, 2016 and the MPO Board adopted the annual list of Priority Projects at its September 15, 2016 meeting.

Major Highway, Transit and Freight Projects

Project Selection

Major highway, transit and freight projects are selected from the list of cost feasible projects in the adopted Long Range Transportation Plan (LRTP). Projects were identified based on the priority order in the LRTP, the output of the Congestion Management Process (CMP) and the priorities of the public transit providers. Candidate projects were scored based on the Goals, Objectives and Values of the adopted LRTP and the project scoring sheets used to implement the LRTP.

Project Funding

Major Highway, Transit and Freight Projects are to be funded with a portion of:

- FDOT's allocated share of Surface Transportation Program (SA) funds not sub-allocated to the MPO;
- State Comprehensive Enhanced Transportation System District Dedicated Revenue (DDR) funds to be expended within Palm Beach County pursuant to s. 206.608(2), F.S.; and
- State fuel sales tax funds State Primary funds for highways and public transit (DS) and State Public Transportation Office (DPTO) funds to be expended for any legitimate state transportation purpose, with a required minimum for public transportation.

The portion of funding available for Major MPO Priority Projects is expected to be the remaining revenue from these sources after satisfying operations and maintenance requirements, district-managed SIS commitments, and statutory obligations to other modes of transportation.

Target 5-Year Funding Level from LRTP: ~\$200M

Actual 5-Year Funding Level in FY 17-21 TIP: ~\$207M

Highlights and Explanatory Notes for the FY 18-22 Major Project Priority Project List:

1. The Palm Tran maintenance facility (project 4347342) in West Palm Beach has been removed due to Palm Tran no longer pursuing this project.
2. The potential widening of Atlantic Avenue from Lyons Road to Jog Road is the only new major project proposed to be added to the list this year.
3. At the September 15, 2016 MPO Board Meeting, the Board approved \$3 million to complete the funding of the Boutwell Road project with a commitment from the City of Lake Worth to contribute local funds and to use the Economic Development Administration (EDA) Grant funds (\$1.4 million) to pay for the remaining costs to implement the project.

Table 1. Major Highway, Transit and Freight Priority Projects and Funding (in \$1,000's)

Rank	Lead Agency	Proj. No.	Project	Location	Improvement	Total Cost	< FY 17	Funding in TIP (\$1000's)					Funding Needed
								FY 17	FY 18	FY 19	FY 20	FY 21	
1	FDOT	2296643	SR 7	60th St to Northlake Blvd.	Construct new 4 lane road	\$53,619	\$829	CST \$48,783	ROW \$423	ROW \$127	ENV \$3,078	ROW \$371	
2	FDOT	2296644	SR 7	Okeechobee Blvd. to 60th St	Widen from 2 to 4 lanes	\$19,901	\$3,814	CST \$16,061					
3	FDOT	4193452	Southern Blvd / SR 80	L-8 Canal to W of Forest Hill	Widen from 4 to 6 lanes	\$59,319	\$5,980	PE \$4,034	CST \$48,604	ROW \$699			
4	FDOT	4279381	SR 7	Broward Co Line to Glades Rd	Construct buffered bike lanes, shared use pathways, transit shelters and turn lane improvements	\$13,034	\$2,844	CST \$10,190					
5	FDOT	2331662	Glades Rd	SR 7 to Federal Highway	Intersection improvements and other turn lane extensions	\$9,591	\$4,266	CST \$5,325					
6a	AAF/Brightline	4353431	FEC Railroad Crossings	Broward Co Line to 15th St in West Palm Beach	Install Safety/Quiet Zone infrastructure on FEC corridor	\$6,442	\$6,442						
6b	AAF/Brightline	4353431	FEC Railroad Crossings	15th St in West Palm Beach to Martin County Line	Install Safety/Quiet Zone infrastructure on FEC corridor	\$1,730							\$1,730
7	SFRTA	4297671	Tri Rail Support Facility	Northern Layover Facility	Construct new facility to enhance O&M for existing system and support Jupiter extension	\$36,150	\$4,050	CAP \$13,066	CAP \$7,000	CAP \$12,034			
8	FDOT/SFRTA	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
9	Palm Tran	4347352	Palm Tran - Support Facility	Delray Beach: Congress Ave	Expand existing maintenance facilities	\$12,292	\$7,769	CAP \$4,523					
10	SFRTA	4304581	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		CAP \$1,500	CAP \$17,000				
11	FDOT	2296584	Atlantic Ave	SR 7 to W of Lyons	Widen from 2 to 4 lanes	\$29,100	\$40	PE \$1,710			ROW \$3,000	ROW \$8,000	\$16,350
12	FDOT	4383861	US 1	Camino Real to Indiantown Rd	New express bus service with associated multimodal corridor improvements	\$54,500					PLN \$520	PLN \$1,500	\$52,480
13	Lake Worth	--	Boutwell Road	Lake Worth Road to 10th Ave North	Widen from 2 to 3 lanes	\$8,100							\$3,000
14	FDOT	--	Atlantic Ave	W of Lyons to Jog Rd	Widen from 4 to 6 lanes	\$25,300							\$25,300
Cost Summary						\$422,578	\$37,191	\$105,192	\$73,027	\$12,860	\$6,598	\$9,871	\$173,203

Local Initiative Projects

Project Selection

Local Initiative projects were selected from applications received by the MPO in the following categories: Transportation System Management (TSM), Transit, Non-motorized and Freight. The adopted LRTP contemplates funding these projects at a minimum of approximately \$17M per year, primarily funded with federal Surface Transportation Program Funds suballocated to the Palm Beach MPO. Applications for local initiative projects were solicited from transportation service providers, county and municipal staff, and public and community stakeholders. Candidate projects were scored by MPO staff based on the Goals, Objectives and Values in the adopted LRTP; these projects were then approved by the advisory committees and the MPO Board.

Project Funding

Local Initiative Projects are to be funded with the MPO's suballocated share of Surface Transportation Program funds (SU) where possible in FY 18-20 with all SU Fund revenue allocated to either MPO Major Projects or Local Initiatives Projects. For FY 21 and forward, all of the SU Fund Revenue is to be allocated to the Local Initiatives Program.

Target 5-Year Funding Level from LRTP: ~\$85M

Actual 5-Year Funding Level in FY 17-21 TIP: ~\$74.5M

Highlights and Explanatory Notes for the FY 18-22 Local Initiative Priority Project List:

1. There are twenty six (26) Priority Projects with full or partial funding in the FY 17-21 TIP; these were retained in priority order. Altogether these projects require an additional \$8.8M to be fully funded.
2. There are six (6) new applications submitted in this cycle; all of them have been added to the priority list in ranked order based on their scoring. Altogether these projects require an additional \$10M to be fully funded based on the applicant submitted cost estimates.

Table 2. Local Initiative Projects and Funding (in \$1,000's)

Rank	Lead Agency	Proj. No.	Project	Location	Improvement	Total Cost	< FY 17	Funding in TIP (\$1000's)					Funding Needed
								FY 17	FY 18	FY 19	FY 20	FY 21	
13-1	FDOT	4351581	Southern Blvd.	At Sansbury's Way Intersection	Add EB right, second WB left and widen C-51 canal bridge	\$8,117	\$835	ENV \$40	CST \$7,242				
13-2	FDOT	4351591	SE Avenue G	Main St. to SE 9th St/ Gove Elementary School	Construct sidewalk on the S side of SE Ave G	\$739	\$209	CST \$530					
13-3	FDOT	2298963	SR 710 Beautification	W of Australian Ave to Dixie Hwy	Install median irrigation and landscaping	\$1,220		PE \$105	CST \$1,115				
13-4	FDOT	4351601	Palmetto Park Rd	SR 7 to NW 2nd Ave	Construct 10-ft+ multi-use pathway on the south side of roadway	\$3,155	\$572		CST \$2,583				
13-5	FDOT	4328832	PGA Blvd	Mirasol/Ave of Champions to US 1	Install Adaptive Traffic Control System	\$2,118	\$355	CST \$1,763					
13-6	Palm Tran	4317611	Palm Tran	Systemwide Fare Collection	Implement Easy Card interface, Mobile ticketing	\$1,320	\$1,320						
14-1	FDOT	4328833	W Indiantown Road	Florida Turnpike to US 1	Install Adaptive Traffic Control System and patterned pavement crosswalk improvements at signalized intersections.	\$3,922		PE \$520		CST \$3,402			
14-2	FDOT	2297444	US 1	11th Street to 27th Street	Install pedestrian scale lighting on east side of corridor	\$1,420			PE \$360				\$1,060
14-3	FDOT	4383841	Australian Ave.	1st Street to Blue Heron Blvd.	Install pedestrian scale lighting	\$3,434				PE \$180		CST \$3,254	
14-4	FDOT	4368931	Congress Ave.	Columbia Medical Plaza to Blue Heron Blvd.	Install pedestrian scale lighting	\$2,402		PE \$510		CST \$1,887		ENV \$5	
14-5	FDOT	4368941	Bridge Replacement	Seminole Dr (L-16) Sandalford (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.	\$6,424		PE \$1,010	ENV \$40		CST \$5,374		

Table 2 (Continued). Local Initiative Projects and Funding (in \$1,000's)

Rank	Lead Agency	Proj. No.	Project	Location	Improvement	Total Cost	< FY 17	Funding in TIP (\$1000's)					Funding Needed
								FY 17	FY 18	FY 19	FY 20	FY 21	
14-6	FDOT	4344271	SR. 80	at CR 880 Intersection	Install street lighting	\$345	\$285		CST \$60				
14-7	Delray Beach	4368961	Lowson Blvd/ SW 10th St	Military Trail to SE 6th Ave	Install bike lanes and sidewalks	\$4,792			PE \$5		CST \$4,787		
14-8	FDOT	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	\$3,462			PE \$260		CST \$3,202		
14-9	FDOT	4368991	Hamlin Blvd	190th St to 180th Ave N	Construct a 6-ft pathway	\$910			PE \$160		CST \$750		
14-10	FDOT	4383871	Video Camera Detection	27 mast arm traffic signals with loop detection	Replace inductive loops with video camera detection	\$1,310			PE \$310				\$1,000
14-11	FDOT	4383881	Clint Moore Road	Congress Ave to NW 2nd Ave.	Construct 10-ft shared use pathway on the south side of the corridor	\$1,505			PE \$310				\$1,195
14-12	FDOT	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.	\$2,110			PE \$360				\$1,750
15-1	West Palm Beach	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	Palm Tran	4383921	Palm Tran Bus Shelters	Various locations along existing bus routes	Construct 30 transit shelters	\$600				CAP \$600			
15-3	West Palm Beach	4383961	WPB Trolley Shelters	Various locations along existing trolley lines	Construct seven (7) trolley shelters	\$571					CAP \$571		
15-4	FDOT	4383941	Homewood Blvd	Old Germantown Rd to Lowson Blvd	Install bike lanes and sidewalks	\$1,261				PE \$360			\$901

Table 2 (Continued). Local Initiative Projects and Funding (in \$1,000's)

Rank	Lead Agency	Proj. No.	Project	Location	Improvement	Total Cost	< FY 17	Funding in TIP (\$1000's)					Funding Needed
								FY 17	FY 18	FY 19	FY 20	FY 21	
15-5	FDOT	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.	\$2,927				PE \$510			\$2,417
15-6	Boca Raton	4383991	New Boca Raton Trolley	Tri-Rail Station to Downtown and Downtown Circulator	Purchase seven (7) vehicles to support new trolley service	\$1,505					CAP \$1,505		
15-7	Delray Beach	4384001	Existing Delray Beach Trolley	Tri-Rail Station to Atlantic Ave/A1A	Replace four (4) vehicles	\$860					CAP \$860		
15-8	FDOT	4384021	NE 5th Ave	Boca Raton Road to NW 20th St	Construct 6-ft sidewalk on west side	\$885				PE \$360			\$525
16-1	Delray Beach	--	Congress Ave.	C-15 Canal to Atlantic Ave	Convert 6L to 4L and install protected bike lanes	\$2,499							\$2,499
16-2	FDOT	--	US 1 (Dixie Highway)	Albermarle Rd to Okeechobee Blvd	Convert 4L to 3L and associated multimodal improvements	\$2,400							\$2,400
16-3	FDOT	--	Brant Bridge	Bridge over C-15 Canal	Bridge replacement and inclusion of shared use path	\$2,498							\$2,498
16-4	Wellington	--	Big Blue Trace	Wellington Trace to South Shore Blvd	Add bike lanes, bike lane relocation at intersection; crosswalk striping	\$912							\$912
16-5	TBD	--	Traffic Calming in ITID	Various midblock locations	Install speed tables, midblock islands, raised medians	\$1,068							\$1,068
16-6	FDOT	--	Lake Worth Road	Erie Street to A Street	Pedestrian enhancements/ traffic circle reconfiguration	\$653							\$653
--		4352071	Reserve Box		Reserve funding for Local Initiative Projects					\$382	\$1,541	\$26,161	
Cost Summary						\$68,849	\$3,576	\$4,478	\$12,805	\$9,186	\$18,590	\$29,420	\$18,878

Transportation Alternative Projects

Project Selection

Transportation Alternative projects were selected from applications received by the MPO then scored by an evaluation process that included items such as access to schools, recreation facilities, shopping opportunities and similar activities. The projects were also evaluated for consistency with local and area wide plans. Candidate projects were scored by MPO staff based on the Goals, Objectives and Values in the adopted LRTP and then ranked by the Bicycle/Pedestrian/Trailways Advisory Committee and approved by the advisory committees and the MPO.

Project Funding

Construction of Transportation Alternative Projects proposed for inclusion in the TIP is funded with the federal Transportation Alternative Revenue (TA) on a cost reimbursement basis for eligible expenses and supplemented with local funds. Design of the project is funded by the applicant no less than two years prior to construction funding availability. The actual funding in the TIP exceeds the target level from the LRTP because the local funds have been included in the total.

Target 3-Year Funding Level from LRTP: ~\$10.8M

Actual 3-Year Funding Level in FY 17-21 TIP: ~\$15.6M

Changes in the FY 18-22 Priority Project List Include:

1. Three (3) projects were fully funded in FY 16 and have been removed from the Priority Project list.
2. Thirteen (13) projects are funded in FY 17 thru FY 19 and have been brought forward onto the Priority Project list.
3. There were six (6) new projects submitted in this cycle; two (2) projects were deemed ineligible but the remaining four (4) new projects are included in the Priority List. Altogether these projects require an additional \$3M of federal funds to be fully funded.

Table 3. Transportation Alternative Projects and Funding (in \$1,000's)

Rank	Lead Agency	Proj. No.	Project	Location	Improvement	Total Cost	< FY 17	Funding in TIP (\$1000's)					Funding Needed	
								FY 17	FY 18	FY 19	FY 20	FY 21		
13-1	Lake Worth	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	\$5	CST	\$1,159					
13-2	Delray Beach	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	\$5	CST	\$729					
13-3	West Palm Beach	4351461	Tamarind Ave	Banyan Blvd to Palm Beach Lakes Blvd	Construct sidewalk on west side of corridor, install pedestrian lighting and landscaping	\$959	\$5	CST	\$953					
13-4	Delray Beach	4368721	NE 2nd Ave	NE 13th St to NE 22nd St	Construct sidewalks, add designated bike lanes, reduce vehicle travel lane widths, install landscaping	\$1,629	\$5		CST	\$1,624				
14-1	Palm Beach County	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	\$482	\$5		CST	\$476				
14-2	West Palm Beach	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	\$574	\$5		CST	\$568				
14-3	Royal Palm Beach	4368741	Okeechobee Blvd	Folsom Rd to SR 7 and Partridge Lane south of Okeechobee Blvd.	Install pedestrian and roadway lighting	\$1,542	\$5		CST	\$1,537				

Table 3 (Continued). Transportation Alternative Projects and Funding (in \$1,000's)

Rank	Lead Agency	Proj. No.	Project	Location	Improvement	Total Cost	< FY 17	Funding in TIP (\$1000's)					Funding Needed
								FY 17	FY 18	FY 19	FY 20	FY 21	
14-4	Delray Beach	4382891	Seacrest Blvd	NE 22nd Street to Gulfstream Blvd	Add green bike lanes,wider sidewalks, brick crosswalks and school zone lighting	\$1,704		PE \$5		CST \$1,699			
15-1	FDOT	4287181	US 1	Beach Rd to Martin County Line	Add buffered bike lanes, street trees and signage.	\$3,749		ENV \$60	CST \$3,689				
15-2	Wellington	4383061	Binks Pointe Pathway	Binks Forest Dr. to Flying Cow Road	Construct Multi-use pathway to connect to Wellington Environmental Preserve	\$549		PE \$7		CST \$542			
15-3	Royal Palm Beach	4382901	ADA Update	Various Royal Palm Beach neighborhoods	Upgrade existing sidewalks to ADA standards in residential neighborhoods	\$839		PE \$5		CST \$834			
15-4	FDOT	4382911	Missing Sidewalks	Various Belle Glade neighborhoods	Construct missing sidewalks near schools	\$877		PE \$180		CST \$697			
15-5	West Palm Beach	4383851	ADA Update	Various West Palm Beach neighborhoods	Upgrade existing sidewalks to ADA standards near schools	\$879		PE \$5		CST \$874			
16-1	Wellington	--	Bicycle Improvements	Aero Club Drive	Construct 4.2 mile long bike lane	\$750							\$750
16-2	West Palm Beach	--	Pedestrian Bridge	North Shore Bridge	Construct pedestrian bridge west of existing bridge	\$750							\$750
16-3	West Palm Beach	--	ADA/Crosswalk Improvements	Roosevelt Estates Neighborhood	Install ADA ramp improvements and textured pavement in crosswalks	\$750							\$750
16-4	Delray Beach	--	Alley Project	Various	Pave Delray Beach alleyways and install landscaping	\$750							\$750
Cost Summary						\$18,680	\$35	\$3,103	\$7,894	\$4,646	\$0	\$0	\$3,000

SUNTrail Projects

Project Selection

SUNTrail projects were selected from applications received by the MPO submitted by local municipalities. There was one application received this application cycle and this project is included in Table 4.

Project Funding

Construction of SUNTrail Projects proposed for inclusion in the TIP is funded through FDOTs allocation of funds from the SUNTrail program, supplemented with local funds.

Table 4. SUNTrail Projects and Funding (in \$1,000's)

Rank	Applicant	Proj. No.	Project	Location	Improvement	Total Cost	< FY 17	Funding in Adopted TIP					Funding Need
								FY 17	FY 18	FY 19	FY 20	FY 21	
16-1	West Palm Beach	4394041	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	\$6,984		PE* \$10	PE* \$950				\$6,024

*PE funding was not included in the adopted TIP but has been included in the FDOT work program in response to legislative appropriation.