

**PALM BEACH**  
Transportation  
Planning Agency

# LIST OF PRIORITY PROJECTS

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## FY 2021-2025

ADOPTED 7/18/19

[PalmBeachTPA.org/priorities](http://PalmBeachTPA.org/priorities)

## *Overview*

The Palm Beach Transportation Planning Agency (TPA) Transportation Improvement Program (TIP) for Fiscal Years 2021 through 2025 begins with TPA Board approval of a list of Priority Projects. Pursuant to s. 339.175(8), F.S., the TPA must transmit the project list to the Florida Department of Transportation (FDOT) by October 1 of each year. Due to an accelerated Florida Legislative session schedule, the deadline for transmittal of the project list is August 1<sup>st</sup> this year. FDOT uses the Priority Project list to develop their Five Year Work Program and the TPA uses the list to develop the TIP.

The Palm Beach TPA 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 TPA.

The Priority Projects are divided into three programs: Major Highway, Transit, and Freight Projects; Local Initiatives, and Transportation Alternatives. These programs are consistent with the TPA's adopted Long Range Transportation Plan (LRTP) and the funding sources assumed in the financial plan of the LRTP. Projects that may be eligible for federal Highway Safety Program funding or state SUNTrail program funding have been highlighted in each program list. The TPA Board also adopted Resolution TPA 2015-04 on June 18, 2015 to further clarify the funding expectations for implementation of TPA 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 TPA 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 TPA 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 TPA's suballocated share of Surface Transportation Program funds (SU) where possible. Some SU funds are used towards furthering Major Highway, Transit, and Freight projects if needed.
- Transportation Alternative Projects are to be funded with the federal Transportation Alternative (TA) revenue.

The projects in each program are consistent with the goals, objectives and values of the LRTP. Eligible projects were evaluated and ranked pursuant to the LRTP and the scoring systems for the individual programs, as applicable.

The TPA 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 TPA website. The advisory committees will review the Priority Project list on July 10-11, 2019 and the TPA Board is expected to adopt the annual list of Priority Projects at its July 18, 2019 meeting.

## ***Major Highway, Transit and Freight Projects***

### Project Selection Process

Major highway, transit and freight projects are selected from the list of cost feasible projects in the adopted Long Range Transportation Plan (LRTP). Projects are prioritized based on the Goals, Objectives and Values of the adopted LRTP, the output of the Congestion Management Process (CMP), and the priorities of the public transit providers, roadway owners, and local communities.

### Project Funding

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

- 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.;
- State fuel sales tax funds, State Primary funds for highways and public transit (DS), State Public Transportation Office (DPTO) funds to be expended for any legitimate state transportation purpose, with a required minimum for public transportation; and
- FDOT's allocated share of Surface Transportation Program (SA) funds not sub-allocated to the TPA;

Funding available for Major TPA 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 20-24 TIP: ~\$81.1M

### The TPA requests the following for the FY 21-25 Major Project Priority Project List:

- 1-2: FDOT has awarded a contract for construction of the SR-7 extension and widening but does not have active permits from the South Florida Water Management District or the Northern Palm Beach County Improvement District. FDOT should work to restore these permits and construct these projects.
- 4 and 6: SFRTA and Boca Raton have requested deferral of the second Tri-Rail station in Boca Raton (430458, see Exhibits A and B attached). The TPA has previously provided ~\$30M to SFRTA for the Northern Layover Facility (429767), and FDOT has provided an additional \$6M in state funding. SFRTA has represented that they can award a design-build contract in late 2020 with completion expected in 2023, and that they can include additional design elements if additional funding is provided (see Exhibit C attached). The TPA requests that all TPA funding in FY 20-23 for the second Tri-Rail station be reprogrammed to the Northern Layover Facility to offset the anticipated funding shortfall for the Layover Facility.

- 5: In the FY 20-24 TIP, FDOT deferred PDE funding for the Tri Rail extension from West Palm Beach to Jupiter (4170317) from FY 20 to FY 21 due to lack of a local funding source and lack of an FEC easement. The TPA requests that the PDE study be retained in FY 21 to quantify project construction and operations costs and to evaluate rail corridor capacity to support valuation of an FEC easement.
- 7: US 1 Multimodal Corridor. The TPA requests corridor-wide programming to implement transit signal prioritization and to design and construct 22 enhanced transit shelters. The TPA also requests feasibility and design programming for lane repurposing projects in Boca Raton, West Palm Beach, and North Palm Beach. Finally, the TPA requests construction programming for roadway reconstruction in Riviera Beach and Lake Park.
- 9: The TPA requests full funding for right-of-way acquisition for Atlantic Avenue from west of Lyons Road to Jog Road (445291)
- 10: Okeechobee Blvd. Multimodal Corridor. The TPA requests corridor-wide programming (including SR-7 from Forest Hill Blvd. to Okeechobee Blvd.) to implement transit signal prioritization and to design and construct 36 enhanced transit shelters.
- 11: The TPA requests funding of design and construction for SR 80 street lights (441756).
- 13: Lake Worth Road Multimodal Corridor. The TPA requests corridor-wide programming (including SR-7 from Lake Worth Rd. to Forest Hill Blvd.) to implement transit signal prioritization.

Table 1: Major TPA Projects

Shown in \$1,000s

Rank	Lead Agency	Proj. No.	Location	Description	Total Cost	<FY 20	TRANSPORTATION IMPROVEMENT PROGRAM FY 20-24						Needs	TPA Request
							FY 20		FY 21		FY 22	FY23	FY24	
1	FDOT	2296643	SR-7 from 60th St to Northlake Blvd	Construct new 4 lane road	\$51,747	\$47,925	ENV	\$2,861	ROW	\$961				CST on hold; restore permits
2	FDOT	2296644	SR-7 from Okeechobee Blvd to 60th St	Widen from 2 to 4 lanes	\$19,875	\$19,875								CST on hold; restore permits
3*	AAF/ Brightline	4353432	FEC Railroad Crossings from 15th St in West Palm Beach to Martin County Line	Install Safety/Quiet Zone infrastructure on FEC corridor	\$2,989	\$2,239			CST	\$750				Fund CST w/ Brightline phase 2
4	SFRTA	4297671	Tri Rail Northern Layover Facility: CSX tracks E of I-95 in Mangonia Park/WPB	Construct new facility to enhance O&M for existing system and support Jupiter extension	\$44,650	\$36,150	DSB	\$500	DSB	\$3,417		DSB	\$4,583	Add SU funds from 430458 per SFRTA request
5	FDOT/ SFRTA	4170317	Tri Rail: West Palm Beach to Jupiter	Extend commuter rail service onto the FEC corridor via the Northwood Crossover and construct 5 new stations – 45th St, 13th St, Park Ave, PGA Blvd, and Toney Penna Dr.	\$109,522	\$1,172			PDE	\$1,350				\$107,000 Retain PDE in FY 21
6	SFRTA	430458.1 & .2	Tri Rail on 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	ROW	\$4,417	ROW	\$3,417		CST	\$4,583	\$4,583 SFRTA and Boca have requested deferral
6	FDOT	2296584	Atlantic Ave from SR 7 to W of Lyons Rd	Widen from 2 to 4 lanes, including buffered bike lanes and 6-ft sidewalks	\$34,780	\$3,139	ROW ENV	\$14,914 \$50	ROW ENV CST	\$38 \$9 \$150	CST	\$16,481		Fully Funded
7	FDOT/ Palm Tran	4383861	US 1: Camino Real Rd to Indiantown Rd	New BRT-lite with associated multimodal corridor improvements							PE	\$750	PE	\$2,005 Move funds to sub-lines
7a	FDOT/ Palm Tran	TBD	US 1: <u>Palmetto Park Rd to Northlake Blvd</u>	<u>Implement Transit Signal Prioritization for entire corridor</u>	\$2,000									\$2,000 Fund Full Cost
7b	FDOT/ Palm Tran	TBD	US 1: <u>Palmetto Park Rd to Northlake Blvd</u>	<u>Construct 22 enhanced transit shelters within existing ROW</u>	\$4,400									\$4,400 Fund PE and CST

\*Projects that may be eligible for Highway Safety Program funding and/or State SUN Trail Program Funding

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Shown in \$1,000s

Rank	Lead Agency	Proj. No.	Location	Description	Total Cost	<FY 20	TRANSPORTATION IMPROVEMENT PROGRAM FY 20-24					Needs	TPA Request
							FY 20	FY 21	FY 22	FY23	FY24		
7c*	TPA/Boca Raton	TBD	US 1: <del>SW 18th St</del> Camino Real to NE 8th St/Mizner Blvd in Boca Raton	<del>TPA/City to evaluate 1 way pair-concept and a downtown bypass with "complete streets"</del> Lane Repurposing from 6L to 4L between Camino Real and SE Mizner Blvd, separated/buffered bike lanes, on-street parking, new mid-block pedestrian crossings and enhanced pedestrian crossings	\$3,233							\$3,233	Fund PE; require City reso, FDOT approval
8e	FDOT/ Lake Worth	TBD	US 1: <del>Dixie/Federal Junction to West Palm Beach Canal in Lake Worth Beach</del>	<del>Lane Repurposing from 4L to 2L/3L, add bike lanes and bus queue jump lanes</del>	\$5,674							\$5,674	City not interested at this time
7d*	FDOT/ WPB	<u>4394041</u>	US 1: <del>Quadrille to 25th St</del> 25th St to 42nd Street in West Palm Beach	Lane Repurposing from 5L to 3L; associated multimodal improvements including SUNTrail	\$12,173			PE \$1,280				\$10,893	Fund PE; require City reso, FDOT approval
7e*	FDOT	4383862	US 1: 59th St to Northlake Blvd in Riviera Beach and Lake Park	Reconstruct as 4L, <u>add bike lanes and medians; move barrier wall on bridge to protect bike lanes; install mast arm signal at 20th, add street lights/ped-scale lights where feasible</u>	\$6,101		PE \$750		PE \$1,500 ENV \$10	ENV \$10		\$3,831	Fund CST
7f*	FDOT/ N Palm Beach	TBD	US 1: Northlake to NPB Drawbridge in North Palm Beach	Lane Repurposing from 6L to 4L with separated bike lanes and furnishing zone	\$4,998							\$4,998	Fund PE; require City reso, FDOT approval
8	Lake Worth Beach	4420941	Boutwell Rd from Lake Worth Rd to 10th Ave N	Add turn lanes and other operational improvements	\$3,100	\$5	CST \$3,095						Fully Funded
9	FDOT	440575.x, 445291.x	Atlantic Ave from W of Lyons Rd to Jog Rd	Widen from 4 to 6 lanes, including buffered bike lanes and 6-ft sidewalks	\$80,891	\$710	PDE \$2,500		PE \$3,423		ROW \$13,000	\$61,258	Fund ROW
10	FDOT/ Palm Tran	4417581	Okeechobee Blvd from SR 7 to US-1; SR-7 from Forest Hill Blvd to Okeechobee Blvd	New LRT/BRT service with associated multimodal corridor improvements		\$5		PE \$750		PE \$3,000			Move funds to sub-lines

\*Projects that may be eligible for Highway Safety Program funding and/or State SUN Trail Program Funding

Table 1: Major TPA Projects

Shown in \$1,000s

Rank	Lead Agency	Proj. No.	Location	Description	Total Cost	<FY 20	TRANSPORTATION IMPROVEMENT PROGRAM FY 20-24					Needs	TPA Request
							FY 20	FY 21	FY 22	FY23	FY24		
10a	FDOT/ Palm Tran	TBD	Okeechobee Blvd from SR 7 to US-1; SR-7 from Forest Hill Blvd to Okeechobee Blvd	<u>Implement Transit Signal Prioritization for entire corridor</u>	<u>\$1,000</u>							<u>\$1,000</u>	Fund Full Cost
10b	FDOT/ Palm Tran	TBD	Okeechobee Blvd from SR 7 to US-1; SR-7 from Forest Hill Blvd to Okeechobee Blvd	<u>Construct 36 enhanced transit shelters within existing ROW</u>	<u>\$7,200</u>							<u>\$7,200</u>	Fund PE and CST
11*	FDOT	4417561	SR 80 from SR 15 to CR 880	Add street lighting	\$5,580		PL \$80					\$5,500	Complete Safety Study (12/19), Fund CST
12	FDOT	4417571	US 27 Connector from US 27 to SR 715	Construct new 2 lane road	\$26,850				PL \$250			\$26,600	Advance Planning Study
<u>13</u>	<u>FDOT/ Palm Tran</u>	<u>TBD</u>	<u>Lake Worth Rd from SR 7 to US-1; SR-7 from Lake Worth Rd to Forest Hill Blvd</u>	<u>New LRT/BRT service with associated multimodal corridor improvements</u>									
<u>13a</u>	<u>FDOT</u>	<u>TBD</u>	<u>Lake Worth Rd from SR 7 to US-1; SR-7 from Lake Worth Rd to Forest Hill Blvd</u>	<u>Implement Transit Signal Prioritization</u>	<u>\$1,000</u>							<u>\$1,000</u>	Fund Full Cost

Cost Summary

\$446,262

\$112,720

\$29,166

\$12,121

\$22,415

\$14,182

\$13,000

\$249,169

\*Projects that may be eligible for Highway Safety Program funding and/or State SUN Trail Program Funding

## ***Local Initiative Projects***

### Project Selection Process

The Local Initiatives Program was created in the 2040 LRTP and is structured to identify and fund non-regionally significant transportation projects. Local Initiative projects are selected from an annual competitive application process based on the Goals, Objectives and Values in the adopted LRTP; these projects are then approved by the advisory committees and the TPA Board. Applications for Local Initiative projects were solicited from transportation service providers as well as county and municipal staff. The project scores and subsequent ranking for the 2019 application cycle are attached as Exhibit D.

### Project Funding

The adopted LRTP contemplates funding these projects at around \$20 million per year, primarily funded with federal Surface Transportation Program Funds suballocated to the Palm Beach TPA.

Target 5-Year Funding Level from LRTP: ~\$100M

Actual 5-Year Funding Level in FY 20-24 TIP: ~\$127M\*

\*The actual funding in the TIP exceeds the target level from the LRTP because the local funds have been included in the total.

### The TPA requests the following for the FY 21-25 Local Initiative Priority Project List:

- Update programming of SU funding to support TPA planning and administration consistent with the adopted FY 20-24 TIP and FY 19-20 UPWP (as amended in February 2019).
- Delete project 14-2, Ped-scale street lighting on US 1 from 11<sup>th</sup> St to 27<sup>th</sup> St in Riviera Beach, because street lighting and ped-scale lighting will be installed where feasible as part of TPA Major Project 7e: US 1 from 59<sup>th</sup> Street to Northlake Blvd.
- On project 16-2, US 1/Dixie Highway from Albermarle Rd to Okeechobee Blvd., replace local funds with state DDR/DS funds in FY 21
- On projects prioritized in 2017 and 2018 to be implemented by local agencies, confirm all assumed local funding amounts in the programmed construction years
- On project 18-6, Germantown Rd from Old Germantown to Congress Ave, reduce SU funding to \$5M in FY 23 and confirm local funding amount for that year
- Program construction/implementation of five (5) new projects as noted in the following table.



Table 2: Local Initiatives Program

Shown in \$1,000s

Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 20	TRANSPORTATION IMPROVEMENT PROGRAM FY 20-24					Needs	TPA Request
							FY 20	FY 21	FY 22	FY 23	FY 24		
--	Palm Beach TPA	439325.x	Surface Transportation (SU) funds to support TPA Planning & Administration as outlined in greater detail in the UPWP		\$10,982		PL \$600	PL \$1,860	PL \$1,966	PL \$2,077	PL \$2,185	\$2,294	Update work program to match TIP/UPWP
13-6	Palm Tran	4317611	Palm Tran system-wide	Implement Easy Card interface, Mobile ticketing	\$5,325	\$5,325							Fully Funded - Palm Tran to implement late 2019
14-2*	Riviera Beach/ FDOT	2297444	US 1 from 11th St to 27th St	Construct pedestrian scale lighting on east side of corridor	\$1,044	\$189	ENV \$20					\$835	Delete project - include lights with TPA Major Project 7e
14-3*	Riviera Beach/ FDOT	4383841	Australian Ave from 1st St to Blue Heron Blvd	Construct pedestrian scale lighting	\$3,283	\$492	ENV \$15	CST \$2,776					Fully Funded
14-5	Palm Beach County/ FDOT	436894.1, 2 &.4	Bridges: Seminole Dr (L-16) El Clair Ranch (L-30)	Replace bridges; introduce bike/ped facilities, maximize vertical clearance for waterway	\$7,949	\$2,373	CST \$5,576						Fully Funded CST Jan 2020
14-7*	Delray Beach	4368961	Lowson Blvd/ SW 10th St from Military Trail to SE 6th Ave	Consruct designated bike lanes and sidewalks. Includes standalone pedestrian bridges.	\$4,792	\$5	CST \$4,787						Fully Funded Modify limits CST Fall 2020
14-8	Palm Beach County/ FDOT	4368971	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	\$3,210	\$533	CST \$2,677						Fully Funded CST Spring 2020
14-9*	ITID/ FDOT	4368991	Hamlin Blvd 190th St to 180th Ave N	Construct 6-ft sidewalk on south side of roadway	\$832	\$332	CST \$500						Fully Funded CST Spring 2020
14-10	Palm Beach County/ FDOT	4383871	15 mast arm traffic signals countywide	Replace inductive loops with video camera detection	\$1,425	\$209	CST \$1,216						Fully Funded CST Summer 2020
14-11*	Boca Raton/ FDOT	4383881	Clint Moore Rd from Congress Ave to NW 2nd Ave	Construct 10-ft shared use path on the south side of the corridor	\$1,425	\$209	CST \$1,216						Fully Funded CST Feb 2020
14-12	Delray Beach/ FDOT	4383891	Swinton Ave from S 10th St to NE 4th St	Resurface roadway, construct missing sidewalks and improve drainage	\$2,609	\$1,099	CST \$1,510						Fully Funded CST April 2020

\*Projects that may be eligible for Highway Safety Program funding and/or State SUN Trail Program Funding

Table 2: Local Initiatives Program

Shown in \$1,000s

Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 20	TRANSPORTATION IMPROVEMENT PROGRAM FY 20-24					Needs	TPA Request		
							FY 20		FY 21		FY 22			FY 23	
15-1	West Palm Beach	4383901	West Palm Beach: 25th St to Tri-Rail Station to SR 80	Purchase seven (7) vehicles to support new N/S trolley service	\$1,505	\$1,505								Fully Funded City to Implement	
15-2	Palm Tran	4383921	Various locations along existing Palm Tran bus routes	Construct 30 transit shelters	\$600	\$600								Fully Funded Palm Tran to Implement	
15-3	West Palm Beach	4383961	Various locations along existing WPB trolley lines	Construct seven (7) trolley shelters	\$571	\$571								Fully Funded City to Implement	
15-4*	Delray Beach/ FDOT	4383941	Homewood Blvd from Old Germantown Rd to Lowson Blvd	Install designated bike lanes and sidewalks	\$2,208	\$460	PE ENV	\$200 \$20	CST	\$1,528				Fully Funded	
15-5*	Delray Beach/ FDOT	4383951	George Bush Blvd from NE 2nd Ave to A1A (excluding Intracoastal Waterway bridge)	Widen to provide two 10-ft travel lanes, 5-ft designated bike lanes and 5-6-ft sidewalks. Add street lighting and drainage.	\$5,592	\$829	ENV	\$10	CST	\$4,753				Fully Funded	
15-7	Delray Beach	4384001	Delray Beach: Tri-Rail Station to Atlantic Ave/A1A	Purchase four (4) Replacement Trolleys	\$860		CAP	\$860						Fully Funded City to Implement	
15-8	Boca Raton/ FDOT	4384021	NE 5th Ave from Boca Raton Rd to NE 20th St	Construct 6' sidewalk on west side	\$720	\$260	ENV	\$20	CST	\$440				Fully Funded	
16-2*	West Palm Beach/ FDOT	4400421	US 1/Dixie Hwy from Albemarle Rd to Okeechobee Blvd in West Palm Beach	Lane Repurposing from 4L to 3L, associated multimodal improvements	\$6,235	\$265	ENV CST	\$20 \$20	CST	\$5,930				<u>Replace LF with DDR/DS funds in FY 21</u>	
16-3*	Delray Beach/ FDOT	4400431	Brant Bridge over C-15 Canal in Delray Beach	Replace bridge and install 10' shared use paths	\$2,772	\$655	ENV	\$40	CST	\$2,077				Fully Funded	
16-4*	Wellington	4400441	Big Blue Trace from Wellington Trace to South Shore Blvd	Construct 10' shared use path; crosswalk striping	\$693	\$5			CST	\$688				Fully Funded	
16-5*	ITID/ FDOT	4400451	Various midblock locations in Indian Trail Improvement District	Construct speed tables, midblock islands, raised medians, and advanced warning signs	\$1,055	\$255	ENV	\$48	CST	\$752				Fully Funded	
16-6*	Lake Worth Beach/ FDOT	4400461	Lake Worth Rd from Erie St to A St	Construct Pedestrian enhancements, reconfigure traffic circle	\$1,781		PE	\$464	ENV	\$125	CST	\$1,192		Fully Funded	
17-1 * & 17-5*	West Palm Beach/ FDOT	4415701	36th St & bridge from Australian Ave to Poinsettia Ave in West Palm Beach	Construct buffered bike lanes and pedestrian enhancements	\$6,977				PE ENV	\$1,303 \$10	ENV	\$10	CST	\$5,654	Fully Funded; Confirm LF in FY 24
17-2*	Delray Beach	4415331	Lindell Blvd from Linton Blvd to Federal Hwy/US 1	Construct sidewalks and separated bike lanes	\$12,148		PE	\$5			CST	\$12,143		Fully Funded; Confirm LF in FY 22	

\*Projects that may be eligible for Highway Safety Program funding and/or State SUN Trail Program Funding

Table 2: Local Initiatives Program

Shown in \$1,000s

Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 20	TRANSPORTATION IMPROVEMENT PROGRAM FY 20-24					Needs	TPA Request
							FY 20	FY 21	FY 22	FY 23	FY 24		
17-3*	Jupiter	4415721	Indiantown Rd from US 1 to A1A	Construct 4' designated bike lanes and 10' shared use path	\$4,420		PE\$5		CST\$3,984	CST\$431			Fully Funded; Confirm LF in FY 22
17-4	Palm Tran	4415711	Various Palm Tran bus stops	Replace 40 transit shelters	\$800				CAP\$800				Fully Funded
17-6*	Delray Beach	4415321	Barwick Rd from Atlantic Ave to Lake Ida Rd	Construct sidewalks and separated bike lanes	\$10,451		PE\$5		CST\$10,446				Fully Funded; Confirm LF in FY 22
17-7*	Delray Beach	4415861	Brant Bridge connector from Lindell Blvd to Brant Bridge	Construct sidewalks and separated bike lanes	\$2,540			PE\$5		CST\$2,535			Fully Funded; Confirm LF in FY 23
18-1*	Westgate CRA/ Palm Beach County	4443711	Westgate Ave from Wabasso Dr to Congress Ave	Lane repurposing from 5L to 3L to add designated bike lanes and widen sidewalks	\$3,004		PE\$5		CST\$2,999				Fully Funded; Confirm LF in FY 22
18-2*	West Palm Beach	4443761	Parker Ave from Forest Hill Blvd to Nottingham Blvd	Construct buffered/separated bicycle lanes and pedestrian lighting	\$7,453			PE\$5		CST\$5,805	CST\$1,642		Fully Funded; Confirm LF in FY 23
18-3*	Palm Beach County	4443701	Lyons Rd/ Sansbury Way from Forest Hill Blvd to Okeechobee Blvd	Construct separated bicycle lanes	\$5,195		PE\$5		CST\$5,190				Fully Funded; Confirm LF in FY 22
18-4*	Boynton Beach/ FDOT	4440791	Boynton Beach Blvd from I-95 to US 1	Reconstruct: narrow vehicle lanes, construct 9-ft sidewalk on north, 15-ft shared use path on south, pedestrian lighting	\$5,648			PE\$825	ENV\$10		CST\$4,813		Fully Funded
18-5	Boca Raton	4443791	Yamato Rd: W of Jog to I-95, and 16 Intersections in the downtown area	Install Adaptive Traffic Control Systems	\$2,627		PE\$5		CST\$2,622				Fully Funded; Confirm LF in FY 22
18-6*	Delray Beach	4443771	Germantown Rd from Old Germantown Rd to Congress Ave	Construct sidewalks and separated bike lanes	\$11,635			PE\$5		CST\$11,630			Reduce SU to \$5M, Confirm LF in FY 23
<u>19-1</u>	<u>Palm Tran</u>		<u>Palm Tran electric buses and Palm Tran Maintenance Facility (Electonics Way) charging stations</u>	<u>Purchase 3 electric buses and install electric charging at maintenance facility</u>								<u>\$3,772</u>	<u>Program as FTA flex, add state TRIP as match</u>
<u>19-2*</u>	<u>Palm Beach County</u>		<u>Cresthaven Blvd from S Jog Rd to S Military Trl</u>	<u>Construct 7-ft buffered bike lanes and three intersection modifications</u>								<u>\$3,916</u>	<u>Program CST; PE is local funds</u>

\*Projects that may be eligible for Highway Safety Program funding and/or State SUN Trail Program Funding

Table 2: Local Initiatives Program

Shown in \$1,000s

Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 20	TRANSPORTATION IMPROVEMENT PROGRAM FY 20-24					Needs	TPA Request
							FY 20	FY 21	FY 22	FY 23	FY 24		
<u>19-3</u>	<u>Palm Beach/Palm Beach County</u>		<u>Royal Poinciana &amp; Coconut</u> <u>Royal Poinciana &amp; South County</u> <u>Royal Palm &amp; Coconut</u> <u>Royal Palm &amp; South County</u>	<u>Connect 4 signals to Palm Beach</u> <u>County traffic signal network</u>								<u>\$646</u>	<u>Program CST;</u> <u>PE is local funds</u>
<u>19-4*</u>	<u>West Palm Beach</u>		<u>25th St from Australian Ave to</u> <u>Broadway Ave</u>	<u>Lane Repurposing from 4 lanes to 3,</u> <u>construct R/R gate enhancements,</u> <u>ADA upgrades, buffered bike lane/</u> <u>designated bike lane, lighting</u> <u>improvements, sidewalks</u>								<u>\$4,559</u>	<u>Program CST;</u> <u>PE is local funds</u>
<u>19-5</u>	<u>Loxahatchee Groves/Palm Beach County</u>		<u>Okeechobee Blvd at Folsom Rd</u>	<u>Construct roundabout and</u> <u>sidewalks/lighting</u>								<u>\$1,486</u>	<u>Program CST;</u> <u>PE is local funds</u>
<u>19-6*</u>	<u>Wellington</u>		<u>Greenview Shores Blvd</u> <u>from Binks Forest Dr to Wellington Tr</u>	<u>Construct 4-ft designated bike lanes</u>	<u>\$934</u>							<u>\$934</u>	Fund CST in FY 23
--		4352071	Reserve Box	Surface Transportation (SU) reserve funding for Local Initiative Projects	\$6,393				\$1,142	\$1,377	\$3,873		
Cost Summary					\$147,693	\$16,171	\$19,849	\$23,081	\$42,506	\$23,856	\$18,168	\$18,442	

\*Projects that may be eligible for Highway Safety Program funding and/or State SUN Trail Program Funding

## ***Transportation Alternative Projects***

### Project Selection Process

Transportation Alternative projects are selected from an annual competitive application process based on the Goals, Objectives and Values in the adopted LRTP; these projects are then ranked by the Bicycle/Trailways/Pedestrian Advisory Committee (BTPAC) and approved by the TPA Governing Board. The BTPAC ranking and project scores for the 2019 application cycle are attached as Exhibit E.

### Project Funding

Construction of Transportation Alternative Projects proposed for inclusion in the TIP is funded with federal Surface Transportation Block Grant (STBG) Transportation Alternative (TA) set-aside funds 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.

Target 3-Year Funding Level from LRTP: ~\$9M

Actual 3-Year Funding Level in FY 20-24 TIP: ~\$16.5M\*

\*The actual funding in the TIP exceeds the target level from the LRTP because the local funds have been included in the total.

The TPA requests the following for the FY 21-25 Transportation Alternatives Priority Project List:

- Program construction/implementation of five (5) new projects as noted in the following table.

Table 3: Transportation Alternatives Program

Shown in \$1,000s

Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 20	TRANSPORTATION IMPROVEMENT PROGRAM FY 20-24					Needs	TPA Request
							FY 20	FY 21	FY 22	FY 23	FY 24		
15-1	Delray Beach	4382891	Seacrest Blvd from NE 22nd Street to Gulfstream Blvd	Construct green designated bike lanes, wider sidewalks, brick crosswalks and school zone lighting	\$1,704	\$1,704							Fully Funded, CST in Jul 2019
15-3	Royal Palm Beach	4382901	Various Royal Palm Beach neighborhoods	Upgrade existing sidewalks to ADA standards in residential neighborhoods	\$839	\$839							Fully Funded, CST in Oct 2019
16-1*	Wellington	4400141	Aero Club Dr from Greenbriar Blvd to Binks Forest Dr in Wellington	Construct designated bicycle lanes	\$766	\$5	CST	\$761					Fully Funded, CST Fall 2020
16-2*	West Palm Beach/ FDOT	4400151	North Shore Bridge in West Palm Beach	Construct pedestrian bridge west of existing roadway bridge	\$1,198	\$5		PE \$400 ENV \$10	ENV \$10		CST \$773		Fully Funded, FDOT to CST
16-3*	West Palm Beach	4400121	Roosevelt Estates Neighborhood in West Palm Beach	Install ADA ramp improvements and textured pavement in crosswalks	\$910	\$5	CST	\$905					Fully Funded, CST in Summer 2020
16-4*	Delray Beach	4400171	Alleyways west of 5th Ave from SE 10th to Lake Ida Rd	Construct shared use paths in residential alleyways	\$2,572	\$5	CST	\$2,567					Fully Funded, CST in Summer 2020
17-1*	West Palm Beach	4415271	Northmore neighborhood	Construct sidewalks and shared use pathways	\$1,215	\$5			CST \$1,210				Fully Funded
17-2*	Westgate CRA/ Palm Beach County	4415301	Belvedere Heights neighborhood	Construct sidewalks and pedestrian scale lighting	\$1,109	\$5		CST \$1,104					Fully Funded
17-4*	Royal Palm Beach	4415311	FPL Pathway between Lamstein Ln and Las Palmas St	Install LED lighting adjacent to pathway	\$1,169	\$5		CST \$1,164					Fully Funded
17-5*	FDOT	4416321	Lake Worth Rd from Raulerson Dr to Palm Beach St College Ent	Resurfacing with separated bike lanes, new mid-block crossings, enhanced crosswalks	\$4,102	\$266	ENV	\$30		CST \$3,806			Fully Funded
18-1*	West Palm Beach	4443501	Trailway on NW side of Clear Lake connecting Okeechobee Blvd to Palm Beach Lakes Blvd	Construct 10' shared use path on west side of Clear Lake	\$1,809		PE	\$5		CST \$1,804			Fully Funded
18-2*	Greenacres	4443591	Dillman Trail from Forest Hill Blvd to Dillman Rd	Construct 12' shared use path	\$728		PE	\$5		CST \$723			Fully Funded
18-3*	Westgate CRA/ Palm Beach County	4443671	Bridgeman Dr, Wellington Rd, Prairie Rd	Construct 5-ft sidewalks and pedestrian scale lighting	\$1,192		PE	\$5		CST \$1,187			Fully Funded

\*Projects that may be eligible for Highway Safety Program funding and/or State SUN Trail Program Funding

Table 3: Transportation Alternatives Program

Shown in \$1,000s

Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 20	TRANSPORTATION IMPROVEMENT PROGRAM FY 20-24					Needs	TPA Request
							FY 20	FY 21	FY 22	FY 23	FY 24		
18-4*	Palm Beach County	4443661	CR A1A/Ocean Dr from Donald Ross Rd to Indiantown Rd	Install 24 pedestrian activated flashers and ADA crossing enhancements	\$774		PE\$5		CST\$769				Fully Funded
<u>19-1*</u>	<u>Westgate CRA/ Palm Beach County</u>		<u>Seminole Blvd from Okeechobee Blvd to Oswego Ave</u>	<u>Construct 12-ft shared use paths, high visibility crosswalks, and pedestrian lighting</u>	<u>\$1,000</u>							<u>\$1,000</u>	Fund CST in FY 23
<u>19-2*</u>	<u>Boynton Beach</u>		<u>SE 1st St from Boynton Beach Blvd to Woolbright Rd</u>	<u>Construct 10-ft shared use path on western side of roadway</u>	<u>\$1,000</u>							<u>\$1,000</u>	Fund CST in FY 23
<u>19-3*</u>	<u>Loxahatchee Groves/Palm Beach County</u>		<u>Okeechobee Blvd from A Rd to Folsom Rd</u>	<u>Construct 6-ft multi-use trail with fence on south side of roadway</u>	<u>\$800</u>							<u>\$800</u>	Fund CST in FY 23
<u>19-4*</u>	<u>Palm Beach Gardens</u>		<u>Various existing pedestrian crossings along Holly Drive</u>	<u>Install pedestrian activated flashers at 12 existing crossings</u>	<u>\$336</u>							<u>\$336</u>	Fund CST in FY 23
<u>19-5*</u>	<u>Royal Palm Beach</u>		<u>Multiple Locations throughout Village</u>	<u>Construct wayfinding kiosks and shelters with bicycle &amp; pedestrian amenities</u>	<u>\$599</u>							<u>\$599</u>	Fund CST in FY 23
Cost Summary					\$23,820	\$2,844	\$4,282	\$2,678	\$9,508	\$	\$773	\$3,735	

\*Projects that may be eligible for Highway Safety Program funding and/or State SUN Trail Program Funding

FY 2021-2025

Palm Beach TPA Annual List of Priority Projects  
Exhibits



June 27, 2019

Mr. Nick Uhren, PE  
Executive Director  
Palm Beach Transportation Planning Agency (TPA)  
2300 North Jog Road  
West Palm Beach, FL 33411

**Subject: Request to reprogram PBTPA funds from FM 430458-2, New Boca Raton Station Study (Boca II) to FM 429767-1 SFRTA Northern Layover Facility**

Dear Mr. Uhren:

*Nick —*

The South Florida Regional Transportation Authority (SFRTA) would like to formally request deferral of the New Boca Raton Station Study (Boca II) as a TPA priority and also the transfer of the Boca II programmed funds to SFRTA's Northern Layover and Light Maintenance Facility (Northern Layover Facility.)

SFRTA is currently advancing design-build plans for a new Layover Facility to be located in the northern portion of Palm Beach County encompassing the City of West Palm Beach, City of Riviera Beach, and the Town of Mangonia Park. The Northern Layover Facility will both improve efficiency of the current Tri-Rail operations and facilitate further system enhancements, by adding greatly needed train storage capacity for the existing Tri-Rail system and the planned Tri-Rail Coastal Link project.

The Northern Layover Facility is currently faced with a funding shortfall and design-build plans have been scaled back to allow for a "base" project to be constructed. However, the Northern Layover Facility requires another \$8 to \$17 million for full build-out to accommodate the planned Tri-Rail Coastal Link expansion within the region.

To advance the Northern Layover Facility, SFRTA respectfully requests the transfer of \$8.5M (SU) (FY 20, 21, 23) PBTPA Funds from FM 430458-2 SFRTA New Station Study (Boca II), to PBTPA priority project FM 429767-1, SFRTA Northern Layover Facility.

We thank you for your consideration and continued support for SFRTA's programs and projects.

Sincerely,



Steven L. Abrams  
Executive Director

Cc: Gerry O'Reilly, FDOT District IV Secretary  
Leif J. Ahnell, City of Boca Raton City Manager



# CITY OF Boca Raton

CITY HALL  
201 WEST PALMETTO PARK ROAD • BOCA RATON, FL 33432-3795  
PHONE: (561) 393-7860  
(FOR HEARING IMPAIRED) TDD: (561) 338-1226  
[www.myboca.us](http://www.myboca.us)

June 21, 2019

Nick Uhren, P.E.  
Executive Director  
Palm Beach Transportation Planning Agency  
2300 N Jog Rd. 4<sup>th</sup> Floor  
West Palm Beach, FL 33411

Re: Boca II Project

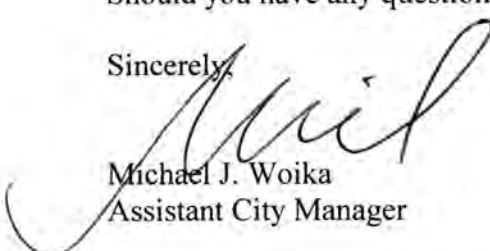
Dear Mr. Uhren,

As you know, the project to construct a second Tri-Rail station in Boca Raton on the CSX/SFR corridor is listed as Priority No. 7 on the Palm Beach County Transportation Planning Agency's Major Projects and List of Priority Projects. The South Florida Regional Transit Authority (SFRTA) is the lead agency on this project (Project No. 430458.1 and 430458.2), also referred to as Boca II, to construct a new Tri-Rail station on the east side of Military Trail south of Glades Road.

While the City still believes that this is an important and necessary transportation project, and is looking forward to the completion of this project in the future, the City joins the SFRTA in requesting a deferral of this project at this time.

Should you have any questions on this matter, please feel free to contact the City.

Sincerely,

  
Michael J. Woika  
Assistant City Manager

c: Steven L. Abrams, Executive Director, SFRTA


STAY CONNECTED   

- AN EQUAL OPPORTUNITY EMPLOYER -

## MEMORANDUM

DATE: June 27, 2019

TO: Nick Uhren, PE, Executive Director, Palm Beach TPA

FROM: Steven L. Abrams, Executive Director, SFRTA 

SUBJECT: **Request to reprogram PBTPA funds from FM 430458-2 New Boca Raton Station Study (Boca II) to FM 429767-1 SFRTA Northern Layover Facility**

This correspondence is in response to your email dated May 8, 2019, requesting information on South Florida Regional Transportation Authority (SFRTA) Northern Layover & Light Maintenance Facility (Northern Layover Facility.)

1. Support Letters

- a. SFRTA letter requesting deferral of Boca II as a TPA priority and requesting reprogramming of funds to Northern Layover Facility.

Response: Please see the attached letter (Exhibit 1.)

- b. City of Boca Raton letter requesting deferral of Boca II as a TPA priority

Response: Please see the attached letter (Exhibit 2.)

2. Benefit Analysis

- a. Summary of operations impacts to be eliminated by closure of Okeechobee layover site, including nearby roadway closures and noise impacts to nearby residents

Response: Once SFRTA's Northern Layover Facility is operational, SFRTA will relocate the West Palm Beach (Okeechobee) Layover Facility to the Northern Layover Facility. As all maintenance activities will be relocated, the noise impacts associated with those maintenance activities will cease. The relocation of the West Palm Beach Layover Facility will have no impact on nearby roadways, nor will it cause closure of any roadways.

3. Cost Analysis

- a. Source and amount of all existing funds already utilized/programmed

Response: \$1.5M of SU funds have been expended to date (shown in italics). All other funds in table below are programmed.

<b>Fiscal Year</b>	<b>Fund Type/ Source</b>	<b>Fund Amount</b>	<b>Phase</b>
12/13	<i>SU (FTAT)</i>	<i>\$1,500,000</i>	<i>NEPA/ROW</i>
15/16	SU (FTAT)	\$2,550,000	Design/ Construction, CEI and Contingency
16/17	SA (FTAT)	\$13,065,944	
17/18	GMR (FDOT)	\$5,900,000	
17/18	SU (FTAT)	\$9,600,000	
18/19	SU (FTAT)	\$3,530,000	
<b>TOTAL</b>		<b>\$36,145,944</b>	

b. Cost estimate for “base” Northern Layover Facility

Response: \$28.9 million is the “base” cost estimate for the design and construction of the Northern Layover Facility.

<b>Phase</b>	<b>Cost Estimate</b>
Design-Build	\$28.9 M
CEI	\$3.4 M
Contingency	\$2.3 M
<b>TOTAL</b>	<b>\$34.6 M</b>

c. Itemized list of scope items that would be funded with additional \$8.5M of SU Funds

Response: The cost estimate for the full build-out of the Northern Layover Facility (including all design elements) is \$44.7M. Depending on when additional funds become available, a selection of the following features could be added to the base layover facility:

- Layover Track #4 (storage for 2 train sets)
- Two full service and inspection pits and associated covering
- Train wash (equipment, building, & track)
- Diamond crossover in yard
- Internal configuration of crew building, to provide training rooms/offices.
- Additional landscape and irrigation on the site
- Solar panels on the crew building
- Electrical equipment needed for expanded yard (substation, transformers, etc)
- Fueling equipment and fuel storage tanks, sanding equipment & storage silo and toilet servicing equipment and facilities.

#### 4. Timeline of Events

##### a. Timeline for Construction of the Northern Layover Facility

Response: Procurement and Construction schedule is noted in table below:

Review & Finalize RFP Package	Fall 2019
Procure DB Contractor	Spring 2020
Notice to Proceed to DB Contractor	Summer 2020
Construction Commencement	Winter 2020
Project Completion (30 months)	Summer 2023

##### b. Plan for disposal of West Palm Beach Layover Facility, timeline to cease use:

Response: SFRTA will cease use of the West Palm Beach Layover Facility for train maintenance once the Northern Layover Facility is operational in 2023.

Please let me know if you have any further questions.



# 2019 TPA Local Initiatives Applications

TPA SCORE*	APPLICANT	PROJECT	TPA FUNDING REQUESTED	STATUS
38.0	Palm Beach County (Palm Tran)	PBC Electric Bus Transition Initiative	\$3,772,287	Eligible
31.2	Palm Beach County (Engineering)	Cresthaven Blvd. - 7' Buffered Bicycle Lanes	\$3,836,922	Eligible
31.0	Town of Palm Beach	Signal Interconnect	\$645,714	Eligible
29.5	City of Lake Worth	South H St. and South East Coast St. One-Way Pairings	\$3,600,000	Ineligible - not eligible use of Surface Transportation Block Grant funds
29.1	City of West Palm Beach	Mercer Ave. Complete Streets	\$4,928,859	Withdrawn by Applicant
28.6	City of West Palm Beach	25 <sup>th</sup> St. Complete Streets	\$4,559,112	Eligible
22.6	Village of Wellington	Greenbriar Blvd. Bike Lanes	\$1,781,058	Withdrawn by Applicant
16.0	Town of Loxahatchee Groves	Okeechobee Blvd. roundabouts	\$1,485,750	Eligible
14.1	Indian Trail Improvement District	ITID traffic calming improvements	\$368,985	Ineligible - no Local Agency Program (LAP) sponsor

\*Max Score = 107



# 2019 TPA Transportation Alternatives Applications

BTPAC RANK*	TPA SCORE	APPLICANT	PROJECT	TPA FUNDING REQUESTED	STATUS
1	54.0	Palm Beach County (Engineering) <i>*Westgate CRA</i>	Seminole Blvd. Complete Streets	\$1,000,000	Eligible
2	52.8	City of Boynton Beach	SE 1 <sup>st</sup> St. Complete Streets Improvements	\$1,000,000	Eligible
3	47.0	Town of Loxahatchee Groves	Multi-Use Trail along Okeechobee Blvd.	\$886,105	Eligible
5	51.8	Village of Wellington	Greenview Shores Bike Lanes	\$934,010	Eligible - move to LI
6	50.0	Indian Trail Improvement District	Non-motorized Improvements	\$859,502	Ineligible - no Local Agency Program (LAP) sponsor
7	41.0	City of Palm Beach Gardens	Pedestrian Crossings Enhancement Program	\$335,661	Eligible
8	41.0	Village of Royal Palm Beach	Bicycle/Pedestrian Network Wayfinding	\$599,378	Eligible
4**	61.6	Palm Beach County (Engineering) <i>*Westgate CRA</i>	Cherry Rd. Pedestrian Safety Improvements	\$617,298	Eligible

\*Max Score = 107

\*\*Per TPA Board policy, only the highest ranking eligible project application for each applicant will be included in the draft priority list.