



**BICYCLE-TRAILWAYS-PEDESTRIAN ADVISORY COMMITTEE (BTPAC)
2020 TRANSPORTATION ALTERNATIVES (TA) PROGRAM SCORING WORKSHOP AGENDA**

DATE: Thursday, August 8, 2019
TIME: 9:07 a.m.
PLACE: Vista Center 4th Floor Conference Room 4E-12
2300 North Jog Road
West Palm Beach, FL 33411

AGENDA

1. Roll Call
2. Review TA Program Scoring Tables from previous three years (2017, 2018, 2019)
3. Review adopted 2045 Long Range Transportation Plan (LRTP) Goals and Objectives
TPA staff will review the attached Goals and Objectives from the 2045 LRTP.
4. Review Draft 2020 TA Program Scoring Table and Discuss Alternative Scoring
5. MOTION TO RECOMMEND ADOPTION of the BTPAC's final recommendation for the 2020 TA Program Scoring Table
BTPAC members present at the workshop will recommend adoption of a finalized draft 2020 TA Scoring Table as proposed by BTPAC.
6. Adjournment

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@PalmBeachTPA.org at least five business days in advance. Hearing impaired individuals are requested to telephone the Florida Relay System at #711.

2017 Transportation Alternatives Program Scoring

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L RTP Value	L RTP Category	Criteria	Value	Scoring	Max
1 & 6	Safety, Security and Complete Streets	Project improves non-motorized safety by providing*:	buffered bike lanes - 4	8	30
			10'+ shared-use pathways - 3	6	
			designated bike lanes - 2	4	
			new sidewalks - 1	2	
		Project improves safety and/or convenience for non-motorized users (must demonstrate).		10	
		Improves safety in a location identified as a pedestrian and/or bicycle crash hot spot or corridor by the Palm Beach MPO's Pedestrian and Bicycle Safety Plan		10	
4	Maximize MPO Funds	Local Implementation via Local Agency Program (LAP) Agreement		10	10
		FDOT Implementation on State Highway System with Local Funding for design		7	
		FDOT Implementation with Local Funding for design		3	
5	Equity	Median HH income within 1 mile of project vs PBC median income (\$52,806)	< 60%	5	5
			60 - <80%	3	
			80% - <100%	1	
		Traditionally underserved population percentage within 1 mile of project	>80%	5	5
			>60 - 80%	4	
			>40% - 60%	3	
			>20% - 40%	2	
			5-20%	1	
7a	Local Support Environmental	Project is endorsed by members of benefit area (HOA, POA, local bike group, etc.)		5	10
7b	Environmental	Project is unlikely to have adverse environmental impacts		5	
9	Non-motorized Connectors	Project improves non-motorized facilities at an interchange, bridge, or railroad crossing		6	15
		Project improves non-motorized connectivity to facilities on PBC Thoroughfare Map within 2 miles of a transit hub		9	
10	Efficient Transit	Project improves access to a transit hub		10	10
	Proximity Benefit	Project is within 2 miles of a school		7	15
		Project is within 1 mile of a shopping center		5	
		Project is within 1 mile of a recreational center or park		3	

100

Note:

***Non-Motorized Point System**

1. Multiply length (up to 2 miles) by factor shown in value column

2017 TA Program Ranks and Scores

BTPAC Rank	TPA Rank	TPA Score	Applicant	Project Description	TAP Funds Requested	Total Project Cost	Cumulative Total	Prioritized
1	1	77	West Palm Beach	Add missing sidewalks in the Northmore Neighborhood and construct multi-use path along East Terrace Road	\$ 591,389.48	\$ 1,266,286.47	\$ 591,389.48	17-1
2	4	53	Westgate CRA	Install streetlights and sidewalks in Belvedere Heights neighborhood	\$ 935,581.93	\$ 1,484,203.18	\$ 1,526,971.41	17-2
3	2	67	Delray Beach	Construct protected bike lanes along Linton Blvd between Federal Hwy and U.S. 1	\$ 1,000,000.00	\$ 4,688,141.18		
4	3	55	North Palm Beach	Construct bike lanes along Anchorage Drive from northern and southern limits of U.S. 1	\$ 1,000,000.00	\$ 1,563,459.25	\$ 2,526,971.41	17-4
5	6	47	Village of Royal Palm	Install LED lighting adjacent to the FPL Pathway from La Mancha Ave. to Lamstein Ln.	\$ 980,424.80	\$ 1,168,856.80	\$ 3,507,396.21	17-5
6	5	51	Wellington	Widen sidewalk to create multi-use path along Big Blue Trace from South Shore Blvd to Southern Blvd	\$ 915,122.80	\$ 1,099,181.20	\$ 4,487,821.01	

Total Available \$ 3,166,905.10
Total Requested \$ 5,422,519.01



2018 Transportation Alternatives (TA) Program Scoring

Palm Beach Transportation Planning Agency

SCORING CRITERIA *Highest Possible score is 100*

L RTP Value	L RTP Category	Criteria	Value	Scoring	Max
1 & 6	Safety, Security & Complete Streets	Project improves non-motorized safety by providing*:	*separated bicycle lanes - 4	8	30
			*buffered bike lanes - 4	8	
			*10'+ shared-use pathways - 3	6	
			*designated bike lanes - 2	4	
			*new sidewalks - 1	2	
		Project improves safety and/or convenience for non-motorized users (i.e. provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs)		10	
		Improves safety in a location identified as a pedestrian and/or bicycle crash hot spot or corridor by the Palm Beach TPA's Pedestrian and Bicycle Safety Plan		10	
4	Maximize TPA Funds	Local Implementation via Local Agency Program (LAP) Agreement		10	10
		FDOT Implementation on State Highway System with Local Funding for design		7	
		FDOT Implementation with Local Funding for design		3	
		Applicant cancels a previously prioritized and funded project within the past 12 months		-10	
5	Equity	Median Household income within 1 mile of project vs PBC median income (\$53,363)	< 60%	5	5
			60 - <80%	3	
			80% - <100%	1	
		Traditionally underserved population percentage within 1 mile of project (includes minority, limited English speaking, disability, transit dependent, seniors)	>80%	5	5
			>60 - 80%	4	
			>40% - 60%	3	
			>20% - 40%	2	
			5-20%	1	
7a	Local Support	Project is endorsed by members of benefit area (HOA, POA, local bike group, etc.)		5	10
7b	Environmental	Project will have positive environmental impacts (ie. mitigation activity, pollution prevention & abatement, stormwater management, etc)		5	
9	Non-motorized Connectors	Project improves non-motorized facilities at an interchange, bridge, or railroad crossing		6	15
		Project improves non-motorized connectivity by providing a direct link to facilities on PBC Thoroughfare Map or within 2 miles of a transit hub, or publicly-accessible historic, cultural, and natural areas		9	
10	Efficient Transit	Project improves access to a transit hub		10	10
	Proximity Benefit	Project is within 2 miles of a school		7	15
		Project is within 1 mile of a shopping center		5	
		Project is within 1 mile of a recreational center or park		3	

*Multiply length (up to 2 miles) by factor shown in value column

2018 TA Program Ranks and Scores

BTPAC Rank	TPA Rank	TPA Score	Applicant	Project Description	TA Funds Requested	Total Project Cost	Cumulative Total	Prioritized
1	2	67.8	West Palm Beach	Clear Lake Trail North (Phase 1)	\$999,975	\$1,808,875	\$999,975	18-1
2	1	69.0	PalmTran	Bicycle racks on fixed-route bus fleet	\$400,000	\$400,000	\$1,399,975	
3	4	59.3	Greenacres	Dillman Trail	\$561,200	\$733,610	\$1,961,175	18-2
4	3	61.3	Boca Raton	SW 18th St. Sidewalk	\$1,000,000	\$1,637,931	\$2,961,175	
5	6	54.9	Westgate CRA	Belvedere Heights streetlights & sidewalks - Phase II	\$956,248	\$1,499,643	\$3,917,423	18-3
6	5	55.0	Palm Beach County	CR A1A/Ocean Drive Pedestrian Crossing Enhancements	\$628,895	\$219,861	\$4,546,318	18-4
7	7	49.2	Wellington	Greenview Shores Bike Lanes	\$680,622	\$1,395,141	\$5,226,940	
8	8	47.5	Delray Beach	Brant Bridge Loop Connector Extension	\$535,541	\$1,199,671	\$5,762,481	

Total Available **\$3,100,000**
Total Requested **\$5,762,481**



2019 Transportation Alternatives (TA) Program Scoring

Palm Beach Transportation Planning Agency

SCORING CRITERIA *Highest Possible score is 110*

L RTP Value	L RTP Category	Criteria	Value	Scoring	Max
1 & 6	Safety, Security and Complete Streets	Project improves non-motorized safety by providing*: *separated bicycle lanes - 4 *10'+ shared-use pathways - 4 *8' pathways - 3 *buffered bike lanes - 4 *designated bike lanes - 2 *new sidewalks- 1		8 8 6 8 4 2	34
		Project improves safety and/or convenience for non-motorized users (i.e. provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs)		10	
		Improves safety in a location identified as a pedestrian and/or bicycle crash hot spot or corridor by the Palm Beach TPA's Pedestrian and Bicycle Safety Plan		10	
4	Maximize TPA Funds	Local Implementation via Local Agency Program (LAP) Agreement		5	5
		FDOT Implementation on State Highway System with Local Funding for design		3	
		FDOT Implementation with Local Funding for design		1	
		Applicant cancels a previously prioritized and funded project within the past 12 months		-5	
5	Equity	Median Household income within 1 mile of project vs PBC median income (\$55,277)	< 60% 60 - <80% 80% - <100%	5 3 1	5
		Traditionally underserved population percentage within 1 mile of project	>80% >60 - 80% >40% - 60% >20% - 40% 5-20%	5 4 3 2 1	5
7a	Local Support	Project has been tested as a pilot/pop-up with local funds		5	18
		Project is endorsed by members of benefit area (HOA, POA, local bike group, etc.)		5	
7b	Environmental	Project will have positive environmental impacts (ie. mitigation activity, pollution prevention & abatement, stormwater management, etc.)		5	
		Projects that provide alternative fuel modes of transportation.		3	
9	Non-motorized Connectors	Project improves non-motorized facilities at an interchange, bridge, or railroad crossing		6	15
		Project improves non-motorized connectivity by providing a direct link to facilities on PBC Thoroughfare Map or within 2 miles of a transit hub, or publicly-accessible historic, cultural, and natural areas		9	
10	Efficient Transit	Project improves access to a transit hub		10	10
	Proximity Benefit	Project is within 2 miles of a school		7	15
		Project is within 1 mile of a shopping center		5	
		Project is within 1 mile of a recreational center or park		3	

*Multiply length (up to 2 miles) by factor shown in value column

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2019 TA Program Ranks and Scores

Policy Rank (no more than one application per sponsor is awarded until all funds are exhausted)	BTPAC Rank	TPA Rank	TPA Score	Applicant	Proposed Lead	Location	Description	Amount Requested	Prioritized
1	1	2	54.0	Westgate CRA (Seminole Blvd)	PBC	Seminole Blvd. (Okeechobee to Oswego)	Complete Streets Project. Narrow 14'6" lanes to 12' with 2' shoulders, and widening two 5-foot sidewalks to 12 feet.	\$1,000,000	19-1
2	2	3	52.8	City of Boynton Beach	BB	SE 1st St. (Boyton Beach to Wookbright)	Complete Streets Improvements. Add Shared Use Path along western side of roadway which entails drainage work.	\$1,000,000	19-2
3	3	6	47.0	Town of Loxahatchee Groves	PBC	Okeechobee Blvd. (Folsom to A Road) and F Road (Preserve to Okeechobee)	Okeechobee--Add 4' Horse Trail with fence between Horse Trail and road bed. F Road--Add 6' Horse Trail on other side of canal from road bed.	\$886,105	19-3
4	5	4	51.8	Village of Wellington	Wellington	Greenview Shores (Binkes Point to Wellington Trace)	Bike Lanes	\$934,010	Moved to LI
5	6	5	50.0	Indian Trail Improvement District	Unable to specify lead agency	Hall (Temple to Hamlin) and Temple (Seminole Pratt-Whitney to Coconut)	Non-motorized Improvements in including replacing 5' sidewalk and an un-paved multi-use trail directly adjacent to/abutting sidewalk.	\$859,502	Ineligible
6	7	7 (tie)	41.0 (tie)	City of Palm Beach Gardens	Gardens	Within several neighborhoods surrounding Holly Drive.	Pedestrian Crossing Facilities including illuminated crosswalks.	\$335,661	19-4
7	8	7 (tie)	41.0 (tie)	Village of Royal Palm Beach	RPB	Multiple locations throughout village.	Bicycle/Pedestrian Network Wayfinding	\$599,378	19-5
8	4	1	61.6	Westgate CRA (Cherry Rd)	PBC	Cherry Rd. (Quail to Military)	Pedestrian Safety Improvements Project. Widen existing sidewalk on northern side, and	\$617,298	2nd App.

Total Available
Total Requested

\$3,100,000
\$6,231,954



2045 Long Range Transportation Plan Goals, Objectives, Performance Measures and Targets

Source	Performance Measure	Actual Values					Targets				
		2014	2015	2016	2017	2018	1-yr	2-yr	4-yr	2030	2045
Goal 1: Preserve											
Maintenance											
Pavement											
FAST Act	Interstate in Good condition	65.2%	58.6%	62.4%	55.2%	n/a			≥ 60.0%		
FAST Act	Interstate in Poor condition	0.0%	0.0%	0.0%	0.0%	n/a			≤ 5.0%		
FAST Act	Non-Interstate NHS in Good condition	21.4%	44.2%	41.7%	40.3%	n/a		≥ 40.0%	≥ 40.0%		
FAST Act	Non-Interstate NHS in Poor condition	8.8%	1.2%	0.4%	0.5%	n/a		≤ 5.0%	≤ 5.0%		
Bridges											
FAST Act	NHS bridges in Good condition	n/a	n/a	87.7%	88.1%	n/a		≥ 50.0%	≥ 50.0%		
FAST Act	NHS bridges in Poor condition	n/a	n/a	1.2%	1.1%	n/a		≤ 10.0%	≤ 10.0%		
Transit											
FAST Act	Vehicles exceeding useful life	n/a	n/a	n/a	n/a	0%	≤10%				
	Equipment exceeding useful life	n/a	n/a	n/a	n/a	26%	≤20%				
	Facilities exceeding useful life	n/a	n/a	n/a	n/a	0%	0%				
Environment											
2040 LRTP	Daily fuel use (gal) per person	1.20	1.24	1.27	1.30	1.29				1.25	0.95
2040 LRTP	Daily Vehicle Miles Traveled per person	25.8	26.4	27.2	26.8	n/a				21.0	20.0
NEW	Percent of electric vehicles in rubber-tire transit fleet	0	0	0	0	0				75%	100%
Resiliency											
Percentage of federal aid eligible mileage susceptible to inundation by:											
2040 LRTP	1.2-ft sea level rise & historic storm surge	n/a	n/a	n/a	n/a	3.9%				3%	2%
NEW	1% chance of annual flooding	n/a	n/a	n/a	n/a	26.7%				25%	20%

2045 Long Range Transportation Plan

Goals, Objectives, Performance Measures and Targets

Source	Performance Measure	Actual Values					Targets				
		2014	2015	2016	2017	2018	1-yr	2-yr	4-yr	2030	2045
Goal 2: Safe											
Vision Zero											
FAST Act	Number of fatalities	130	186	179	160	168	0				
FAST Act	Rate of fatalities per 100 million vehicle miles traveled (VMT)	1.014	1.398	1.291	1.139	1.188	0				
FAST Act	Number of serious Injuries	1050	1001	1129	1116	1163	0				
FAST Act	Rate of serious injures per 100 million vehicle miles traveled (VMT)	8.817	7.522	8.141	7.947	6.923	0				
FAST Act	Number of non-motorized fatalities and serious injuries combined	204	201	194	207	177	0				
NEW	Number of rail fatalities	7	10	8	12	13	0				
Goal 3: Efficient											
Reliability											
FAST Act	Percent of reliable person-miles traveled on the Interstate	86%	85%	86%	84%	n/a		75%	70%		
FAST Act	Percent of reliable person-miles traveled on the non-Interstate NHS	53%	48%	48%	89%	n/a		n/a	50%		
FAST Act	Truck travel time reliability ratio (TTTR) on the Interstate	1.74	1.81	1.84	1.72	n/a		1.75	1.80		
NEW	Ratio of transit vs. drive alone average commute time	1.85	1.93	1.97	1.97	n/a				1.75	1.50
Productivity											
Passenger trips per revenue hour for:											
2040 LRTP	Tri-Rail service	38.6	36.4	36.4	35.0	n/a				40	50
	Palm Tran fixed route service	26.5	22.4	22.4	18.4	n/a				30	40

2045 Long Range Transportation Plan

Goals, Objectives, Performance Measures and Targets

Source	Performance Measure	Actual Values					Targets				
		2014	2015	2016	2017	2018	1-yr	2-yr	4-yr	2030	2045
Goal 4: Connected											
Complete Streets											
Centerline mileage of federal aid eligible roadways that include:											
NEW	Separated bike lanes	0	0	0	0	0				20	40
2040 LRTP	10-ft or wider shared use pathways	25	50	50	50	72				100	150
	Buffered bike lanes	8	8	8	8	12				20	40
	Designated bike lanes	125	160	180	180	200				300	600
NEW	Sidewalks	n/a	n/a	n/a	n/a	1459				1600	1700
Health & Equity											
Percentage of federal aid eligible mileage with:											
2040 LRTP	Dedicated bicycle facilities within 3 miles of a transit hub	10.0%	7.0%	7.0%	7.0%	10.0%				100%	100%
	Dedicated pedestrian facilities within 1 mile of a transit hub	85.0%	85.0%	85.0%	85.0%	85.0%				100%	100%
NEW	Pedestrian facilities within 2 miles of elementary schools	n/a	n/a	n/a	n/a	79.0%				90%	100%
NEW	Pedestrian facilities within 1/4 mile of a traditionally underserved community	n/a	n/a	n/a	n/a	67.7%				70%	80%
Goal 5: Multimodal											
Commuter Mode Split											
2040 LRTP	Walking	1.57%	1.54%	1.49%	1.50%	n/a				5%	10%
	Biking	0.55%	0.66%	0.67%	0.62%	n/a				3%	5%
	Transit	1.92%	1.97%	1.97%	1.88%	n/a				7%	15%
Freight											
Annual tonnage of freight for:											
2040 LRTP	Port of Palm Beach	2.15M	2.16M	2.52M	2.48M	2.57M				3.0M	3.5M
	Palm Beach International Airport	26.5	26.2k	23.6k	25.8k	26.8k				30.0k	40.0k

2020 TA PROGRAM SCORING TABLE *Highest Possible Score 100*

The Palm Beach TPA's Vision is to have a Safe, Efficient and Connected Multimodal Transportation System.

		TPA Draft Recommendations		BTPAC Recommendations	
Criteria	Value	Scoring	Max	Scoring	Max
Project will have positive environmental impacts (ie. mitigation activity, pollution prevention & abatement, stormwater management, tree canopy coverage, pervious materials, etc.)		10	10		
Projects improves pedestrian facilities in a high crash pedestrian location per Vision Zero Action Plan.		10	30		
Project improves bicycle facilities in a high crash bicycle location per Vision Zero Action Plan.		10			
Project improves lighting in a location with a Pedestrian and/or Bicycle Crash in Dark and Unlit Locations per Vision Zero Action Plan.		10			
Project improves non-motorized facilities at an interchange, bridge, or railroad crossing		6	6		
Project is within 2 miles of a school		7	7		
Project improves non-motorized safety by providing: NOTE: Multiply length (up to 2 miles) by factor shown in Value column.	separated or raised bicycle lanes – 4	8	12		
	buffered bike lanes – 3	6			
	designated bike lanes – 2	4			
	10'+ shared-use pathways – 4	8			
	8' paved pathways – 3	6			
	new sidewalks – 2	4			
	sidewalk widenings – 0.5	1			
	greenways – 2	4			
Median Household income within 1 mile of project vs PBC median income (\$57,256)	< 60%	5	5		
	60 - <80%	3			
	80% - <100%	1			
Traditionally underserved population index within 1 mile of project	>0.8	5	5		
	>0.6-0.8	4			
	>0.4 -0.6	3			
	>0.2 - 0.4	2			
	0.05-0.2	1			
Dedicated Bicycle Facilities within 3 miles of Transit Hub		5	10		
Dedicated Pedestrian Facilities within 1 miles of Transit Hub		5			
Project is within 1 mile of a shopping center or recreational center or park.		5	5		
Project has been tested as a pilot with local funds		5	5		
Project is endorsed by members of benefit area (HOA, POA, local bike group, etc.)		5	5		
Applicant canceled a previously prioritized and funded project within the past 12 months		-5	0		

100

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