



2045 LRTP

March 2019

Goals, Objectives and Measures

PALM BEACH TPA VISION

A safe, efficient,
and connected
multimodal
transportation
system.



Context

- Must add FAST Act Performance Measures
 - TPA already adopted targets
- Refinements to previous goals and objectives
 - Prioritize measurability
 - Emphasize TPA priorities
- Document structure
 - 5 goals to support vision
 - Objectives and defined measures
 - Actual values
 - Future targets (adopted and proposed)

Goal 1: Preserve

- Maintain Pavement, Bridges and Transit Assets per FAST Act
- Protect Environment
 - Building on 2040 targets and actual values

Item	Actual Values					Proposed Targets	
	2014	2015	2016	2017	2018	10-Year	25-Year
Daily fuel use (gal) per person	1.20	1.24	1.27	1.30	1.29	1.25	0.95
Daily Vehicle Miles Traveled per person	25	26.5	27.8	28.4	n/a	21.0	20.0
% electric vehicles in transit fleet	0	0	0	0	0	75%	100%*

Goal 1 (continued): Preserve

- Additional resiliency measures

Item	Actual Values					Proposed Targets	
	2014	2015	2016	2017	2018	10-Year	25-Year
% of SIS facilities that accommodate 2-ft sea level rise and/or 10-ft storm surge	n/a	n/a	n/a	n/a	TBD	90%	90%
% tree canopy coverage in roadway right-of-way	n/a	n/a	n/a	n/a	TBD	TBD	TBD
% pervious area in roadway right-of-way	n/a	n/a	n/a	n/a	TBD	TBD	TBD

Goal 2: Safe

- Safety measures per FAST Act - TPA adopted Vision Zero
- Additional Rail Safety and Community Health Measures

Item	Actual Values					Proposed Targets	
	2014	2015	2016	2017	2018	10-Year	25-Year
Number of rail fatalities	7	10	8	12	13	0	0
% mileage that provides pedestrian facilities within 2 miles of elementary schools	n/a	n/a	n/a	n/a	79%	90%	100%

Goal 3: Efficient

- Reliability measures per FAST Act
- Refined comparison of transit vs. auto commuting
- Modified transit efficiency measures

Item	Actual Values					Proposed Targets	
	2014	2015	2016	2017	2018	10-Year	25-Year
Ratio of transit v. car average commute time	1.85	1.93	1.97	1.97	n/a	1.75	1.5
Tri-Rail Passenger Trips per revenue hour	38.63	36.41	36.41	34.96	n/a	40	50
Palm Tran Passenger Trips per revenue hour	26.47	22.39	22.39	18.40	n/a	30	40

Goal 4: Connected

- Complete Streets

Item (lane miles)	Actual Values					Proposed Targets	
	2014	2015	2016	2017	2018	10-Year	25-Year
Separated bike lanes	0	0	0	0	0	20	40
10'+ 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

Goal 5: Multi-Modal

- Commuter mode split
- Freight

Commuter Mode Split	2014	2015	2016	2017	2018	10-Year	25-Year
Walking	1.6%	1.5%	1.5%	1.5%	n/a	5%	10%
Biking	0.6%	0.7%	0.7%	0.6%	n/a	3%	5%
Transit	1.9%	2.0%	2.0%	1.9%	n/a	7%	15%

Annual Freight Tonnage through	2014	2015	2016	2017	2018	10-Year	25-Year
Port of Palm Beach	2.15M	2.16M	2.52M	2.48M	2.57M	2.5M*	3.0M*
Palm Beach International Airport	26.5k	26.2k	23.6k	25.8k	26.8k	25.0k*	35.0k*

* - Extrapolated from LRTP 2040, but since then ports have out-performed projections; numbers to be refined for reporting.

2040 Measures not retained in 2045

Measure	Justification
Reduce the number of congested thoroughfare intersections	
Decrease the percentage of SIS facilities, SIS connectors, and non-SIS designated truck routes that exceed capacity	FAST Act measures reliability instead
Increase the percentage of traffic signals with operable vehicle detection	Measures a strategy instead of an outcome
Increase the number of park-and-ride spaces	TPA does not fund these projects
Decrease per capita daily NOx emissions	
Decrease per capita daily Hydrocarbon emissions	Palm Beach compliance with air quality
Decrease per capita daily Carbon Monoxide emissions	

Summary Schedule

ACTIVITY	2018												2019											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Public Education and Outreach						+																		
Data Assembly & Review																								
Revenue Projections																								
Local GOMs																								
Multimodal Travel Demand Forecasting/ Desired Projects/Cost Estimates																								
Short Term Plan (through 2030)																								
Long Term Plan (2031 to 2045)																								
Scenario Planning																								
L RTP Evaluation and Implementation Plan																								
Final Documentation																								
Other Meetings	CK	AK																						

Note: Adoption must occur by October 2019

Consultant Team Kick-off Meeting

CK

Milestone Meeting



Governing Board



Interagency Kick-off Meeting

AK

Monthly Meeting



Comments or Questions

Michael Lynch

L RTP COORDINATOR

MLynch@PalmBeachTPA.org

(561) 478-5747

