

2022 APPLICATION FORM

Project Funding for Local Initiatives (LI)

Construction Projects

Project Title: Palm Tran Bus Stop Improvements

Applicant: Palm Beach County Board of County Commissioners

WHAT DO YOU WANT TO BUILD?

In no more than 3 sentences, provide a general description of the project and what it will accomplish.

The goal of the project is to provide Bus Stop Improvements at Palm Tran Bus Stops throughout the County. The project includes the replacement of shelters that have met useful life, the expansion of shelters locations, the provision of transit amenities at all Palm Tran stops, and the upgrade of bus stops that can be modified to meet ADA compliance. The funding requested will be used for construction and installation cost of transit amenities. Palm Beach County is requesting \$5,000,000 for this project.

WHO OWNS THE RIGHT-OF-WAY?

Check whether the applicant and/or another agency owns the right-of-way where the project will be built. Resolution of support from facility owner clearly indicating that the project may be constructed as proposed is a required attachment (see submittal checklist).

- ☒ Applicant ☐ Other Entities _____
Requires resolution letter from owner allowing project to be built.

Enter any additional information regarding ownership of right-of-way

Palm Tran will work in conjunction with County Engineering to ensure right-of-way is available for the new shelter locations.

WHO IS DOING WHAT?

Check the applicable boxes. All projects on state highways must be administered and constructed by FDOT. For projects on local roadways (county or city), the applicant may administer the project or ask FDOT to administer the project on their behalf. Locally administered projects require a Local Agency Program (LAP) agreement to administer Federal Aid projects in accordance with FDOT's [Local Agency Program Manual](#) (topic no. 525 010 300).

	Administered by:	Funded by:
Design (PE)	<input checked="" type="checkbox"/> Applicant or consultant ⁽¹⁾⁽²⁾ <input type="checkbox"/> FDOT (requires prior approval)	<input checked="" type="checkbox"/> Applicant (required if locally administered) <input type="checkbox"/> TPA (if FDOT administered)
Construction (CST)	<input checked="" type="checkbox"/> Applicant or consultant ⁽¹⁾ <input type="checkbox"/> FDOT (requires prior approval) <input type="checkbox"/> Other: _____	<input type="checkbox"/> Applicant <input checked="" type="checkbox"/> TPA
Const Eng & Inspect (CEI)	<input checked="" type="checkbox"/> Applicant or consultant ⁽¹⁾⁽²⁾ <input type="checkbox"/> FDOT (requires prior approval)	<input checked="" type="checkbox"/> Applicant (if locally administered project) <input type="checkbox"/> TPA (if FDOT administered project)

(1) FDOT pre-qualified consultants must be used on all design and CEI work for critical projects (a project is considered critical when it is on the State Highway System (SHS), features a major structure, and/or has a budget greater than \$10 million)

(2) Design consultant and CEI consultant shall not be the same.

APPLICANT CONTACT INFORMATION

Contact Person Claudia Salazar
Title Grants & Capital Project Analyst
Email csalazar@pbcgov.org
Phone Number 561.841.4241
Address 100 N Congress Ave. Delray Beach FL, 33445

PROJECT LOCATION

Road Name Locations will be throughout Palm Beach County
Road Number US, SR, CR, etc.

Project Limit Begin Provide a commonly recognizable termini (street, bridge, etc.)
Project Limit End Palm Tran has 2,984 bus stop in Palm Beach County

QUALIFYING ACTIVITIES FOR FUNDING

Check the box that represents the majority of the work the proposed project will address. Eligible activities must be consistent with details described under [23 U.S.C. 133\(b\)](#).

- ☐ Complete Street projects - Including Lane Narrowing, Lane Elimination, Bicycle Facilities, Pedestrian Facilities, Transit Infrastructure, Intelligent Transportation Systems (ITS), Median Modifications, Signing and lighting, Turn Lanes, Traffic Signals, Striping and Marking.
- ☒ Transit capital - purchases of vehicles, shelters, park-and-ride facilities. Can also pay up to 50% of a 3-year turn-key contract for new transit service (e.g. trolley service)
- ☐ Non-motorized infrastructure - Separated, Buffered and/or designated bike lanes, Sidewalks, Shared-use paths, Street lighting
- ☐ Freight efficiency - Airport or seaport off-site capacity improvements, Railway capacity improvements, Truck movement improvements.
- ☐ Other eligible activities not specified above

PROJECT TYPICAL SECTION INFORMATION

Complete the following information for existing & proposed features, dimensions, & right of way lines. The typical section information provides an understanding of the spacing requirement differences between the existing facilities and the proposed facilities. **Project will fit within current ROW.**

	EXISTING	PROPOSED
RIGHT-OF-WAY WIDTH		
Project must fit within current ROW, acquisition is not permitted		
PEDESTRIAN OR MULTIUSE FACILITIES		
Length (miles) for one direction. Do not count both sides of roadway.		
Width on North or West side (feet)*		
Width on South or East side (feet)*		
BICYCLE FACILITIES		
Bike Lane Length (feet) for one direction. Do not count both sides of roadway.		
Width on North or West side (feet)* (not Including Buffer Width)		
Buffer Width on North or West side (feet)*		
Width on South or East side (feet)* (not Including Buffer Width)		
Buffer Width on South or East side (feet)*		
Proposed improvements requires:		
Pavement widening <input type="checkbox"/> Sharrows <input type="checkbox"/> Restriping <input type="checkbox"/>		
MOTORIZED VEHICLE FACILITIES		
Number of Through Travel Lanes		
Typical Through Lane Width (feet)		
Total Width* (No. Travel Lanes x Lane Width)		
Posted Speed Limit		
Design Speed (if known)		
MEDIAN/SWALE/CURB		
Median/Center Turning Lane Width (feet)*		
Swale Width (feet)*		
Curb Width (feet)*		
*TOTAL WIDTH OF ALL COMPONENTS (Add all rows with red for total width) Must fit within existing right-of-way.	0	0

RIGHT-OF-WAY OWNERSHIP DOCUMENTATION

Describe the project's existing right-of-way ownerships. This description shall identify when the right-of-way was acquired and how ownership is documented (i.e. plats, deeds, prescriptions, certified surveys, easements). If right-of-way is an easement, please describe the easement language. Right-of-way ownership verification documents are a required attachment (see submittal checklist on page 9).

PROJECT SCOPE OF WORK

Describe how the proposed improvements will affect the following:

ADA items (crosswalks, sidewalks, ramps, etc.)

All proposed crosswalks, sidewalks, ramps, etc. comply with ADA standards ☒ YES ☐ NO

Access Management revisions (median modifications, impacts to driveways, etc.) YES ☐ NO ☒

Pedestrian and/or Roadway Lighting

Pedestrian lighting proposed YES ☒ NO ☐ Roadway lighting proposed YES ☐ NO ☐

Solar lights will be acquired for bus shelters and bus stops

Landscape (with Local Funds)

Median landscape proposed ☐ YES ☒ NO Other landscape proposed ☐ YES ☒ NO
Irrigation items proposed ☐ YES ☒ NO

Signalization

Pedestrian signals proposed ☒ YES ☐ NO Existing signalization to be replaced ☐ YES ☒ NO
New traffic signalization proposed ☐ YES ☒ NO

Solar lights will be acquired to be installed at bus stops, the lights will have blinking signals to let the bus driver know a customer is waiting for the bus

Transit Improvements

Queue jump possible ☐ YES ☒ NO Transit provider concurrence provided YES ☐ NO ☒
Upgrade existing bus bay area ☐ YES ☒ NO Not Applicable

School Zone Modifications

Existing flashing school zone signal on state road ☐ YES ☒ NO
High emphasis cross walk at unsignalized crossing ☐ YES ☒ NO

Utility Modifications

Sub-surface relocation is required ☐ YES ☒ NO

Utility coordination is required ☐ YES ☒ NO

Drainage and/or other Permits

Existing closed drainage system to remain ☒ YES ☐ NO

Existing open drainage system to remain ☒ YES ☐ NO

Railroad Crossing Modifications

Rail crossing within limits ☐ YES ☒ NO

Replace railroad signal equipment and gates ☐ YES ☒ NO

Bridge Modifications

Proposed pedestrian bridge ☐ YES ☒ NO

Bridge replacement ☐ YES ☒ NO

Proposed bridge widening ☐ YES ☒ NO

Other Scope Items

Palm Tran's proposed Bus Stop Improvement Program will provide Palm Tran passengers with upgraded bus shelters and improved passenger amenities at their bus stops.

Summarize any special characteristics of the project.

Palm Tran is embarking on a systemwide upgrade of the bus shelters and related amenities provided at their bus stops. Palm Tran has 2,941 bus stops of which 330 currently have bus shelters, this project is identifying and targeting every bus stop that can accommodate a shelter within the existing Right of Way. At the same time, stops that cannot accommodate a shelter can be outfitted with solar lighting fixtures that can be added to the regular Bus Stop sign, Digital Displays and USB ports for charging phones.

Identify any upcoming projects or projects currently underway adjacent to the proposed project.

Not Applicable

Other specific project information that should be considered.

This multi-year effort is an investment in Palm Tran's most important resource – its passengers and their quality of life. By the time these funds become available, the project will be at its implementation phase. The solicitation process is in place for bus shelters and bus stop amenities. Once the bus shelters and bus stop amenities have been procured, a second, subsequent RFP for design and engineering of selected bus stops will move the Bus Stop Improvement Program into the design phase. Once plans are prepared for the selected bus stop locations, a third RFP for construction and installation can be issued for contractors to put the bus shelters and bus stop amenities in the ground.

PUBLIC INVOLVEMENT AND SUPPORT

Describe the public outreach and support for the project (i.e. petitions, written endorsements, resolutions, etc.). Attach documentation.

Palm Tran on-board surveys, and review of the customer complaints have identified transit amenities as one of the priorities for Palm Tran customers.

Projects impacting single family residential lots will require additional documentation of public support. Additional documentation must indicate that all property owners directly affected by the improvement were notified, that at least 25 percent of the property owners showed support for the project, and that no more than 10 percent of the property owners showed lack of support.

PROJECT MAINTENANCE

Document ownership and maintenance responsibilities for the project when complete. Applicant's Resolution of Support and commitment to fund operations and maintenance of the project is a required attachment. See submittal checklist on page 9).

Palm Beach County has in place a contract for the maintenance of all bus stops. The current contract has language that allows for the addition of new bus shelters and the required maintenance. The contract that will be issued for the purchase of the pre-fabricated shelters and amenities includes the provision of spare parts. Palm Tran will be the contract administrator and Palm Tran holds responsibility for maintenance of the new transit amenities.

COST ESTIMATE

The total construction amount of Local Initiatives Program funds requested per projects (infrastructure) must be in excess of \$250,000 with a maximum project amount of \$5,000,000.

Local Initiatives Program funds will be used to fund Construction, Construction Engineering and Inspection Activities (CEI) and FDOT in-house support activities. The applicant may also request that Local Initiative Program funds be used for project Design, Environmental Services, and Post Design Services.

Local Funds (LF) will be used for all non-participating items, contingency activities, and any costs in excess of the awarded funding (LI) allocation.

- (a) Provide detailed project cost estimate using one of the following forms. Estimate shall be broken down to eligible and non-eligible project costs. **Estimates are to be prepared and signed by a Professional Engineer from the Local Agency's Engineering office.**
 - a. [On-System \(on State Highway System\) Cost Estimate Sheet](#)
 - b. [Off-System \(not on State Highway System\) Cost Estimate Sheet](#)

Use the following links to access the basis of estimates manual as well as historical information for the project area.

[Basis of Estimates Manual](#)
[Historical Cost Information](#)

CERTIFICATION OF PROJECT SPONSOR

I hereby certify that the proposed project herein described is supported by Palm Beach County Board of Commissioners (*municipal, county, state or federal agency, or tribal council*) and that said entity will:

- 1) provide any funding required in addition to the grant amount;
- 2) enter into a LAP and maintenance agreement with the Florida Department of Transportation;
- 3) have complied with the Federal Uniform Relocation Assistance and Acquisition Policies Act for any Right of Way actions intended for this project previously performed within the project limits;
- 4) will comply with NEPA process prior to construction, which may involve coordination with the State Historic and Preservation Office (SHPO); and
- 5) support other actions necessary to fully implement the proposed project.

I further certify that the estimated costs included herein are reasonable, and that increases in these costs could cause significant increase to the local agency required participation. I understand failure to follow through on the project once programmed in the Florida Department of Transportation's Work Program is not allowed.



Signature

Clinton B Forbes

Name (*please type or print*)

Executive Director, Palm Tran

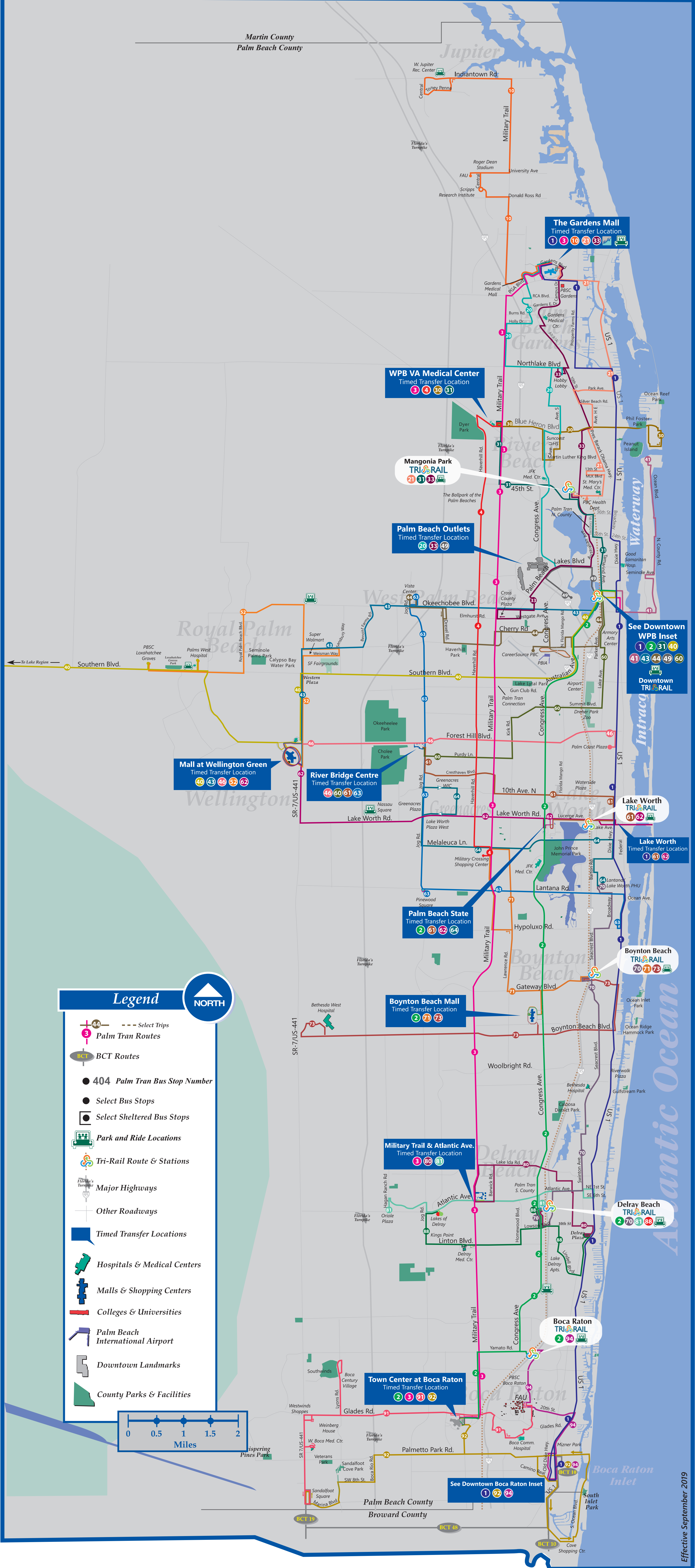
Title

2/18/2022

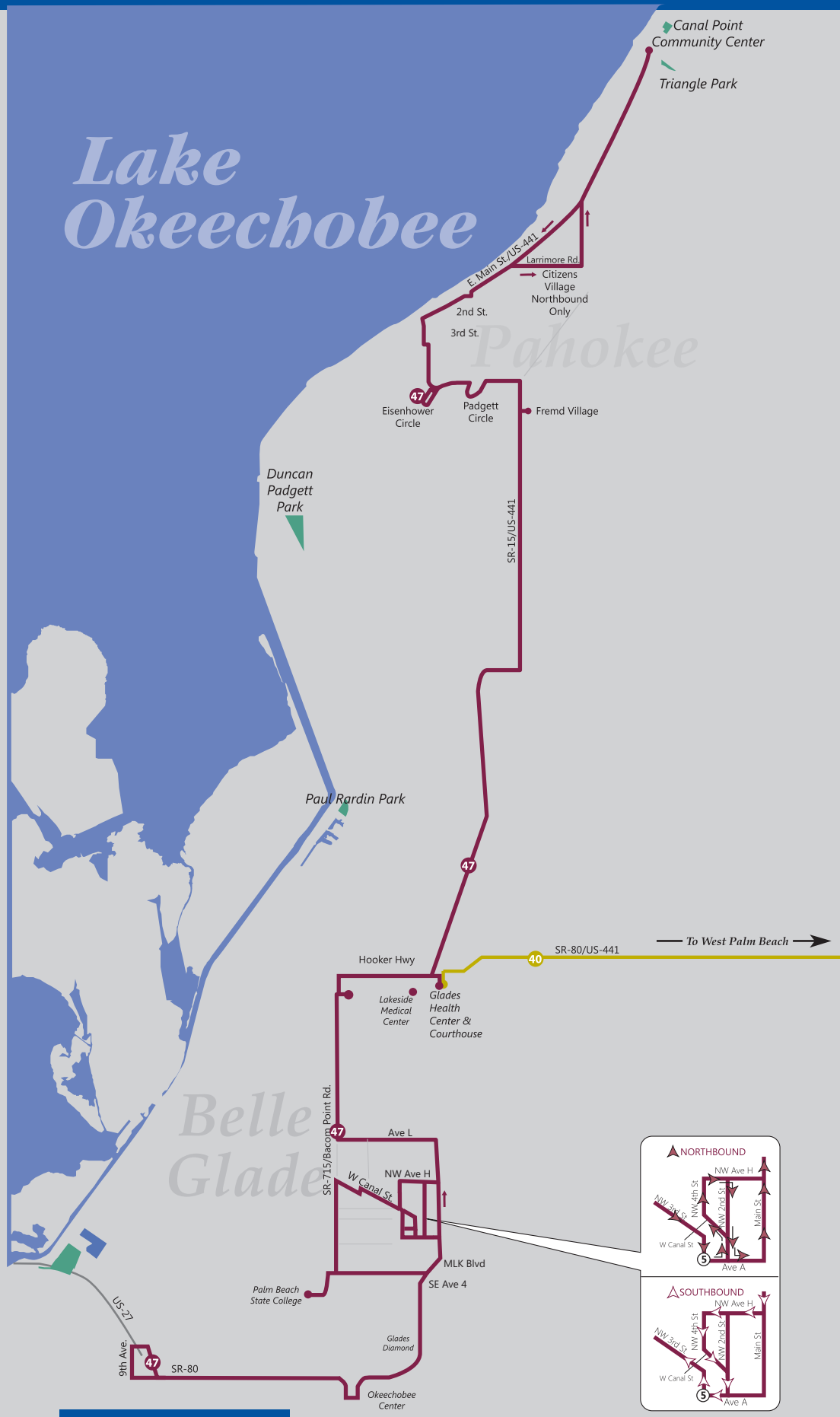
Date

FOR FDOT USE ONLY

Application Complete	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Project Eligible	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Implementation Feasible	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Include in Work Program	<input type="checkbox"/> Yes	<input type="checkbox"/> No



Lake Okeechobee



Lake Region

ENGINEERS COST ESTIMATE
(Use for Off-System Projects - Administered through LAP)
FM#123456-1-58-01

Project Description: Palm Tran Bus Stop Improvements (Requesting \$5,000,000)

		FHWA Participating				FHWA non-participating (Local funds)					
Pay Item Number*	Pay Item Description*	Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost	Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost	Total Quantity	Total Engineer's Cost
1	Level 1 Bus Stops	2289	EA	\$ 23,000.00	\$ 52,647,000.00				\$ -	2289	\$ 52,647,000.00
2	Level 2 Bus Stops	469	EA	\$ 32,000.00	\$ 15,008,000.00				\$ -	469	\$ 15,008,000.00
3	Level 3 Bus Stops	139	EA	\$ 77,000.00	\$ 10,703,000.00				\$ -	139	\$ 10,703,000.00
4	Level 4 Bus Stops	31	EA	\$ 105,000.00	\$ 3,255,000.00				\$ -	31	\$ 3,255,000.00
5	Level 5 Bus Stops	13	EA	\$ 132,000.00	\$ 1,716,000.00				\$ -	13	\$ 1,716,000.00
					\$ -				\$ -	0	\$ -
		Funds for Construction (Phase 58)				\$ 83,329,000.00		Local Funds for Construction (Phase 58)		\$ -	
										Subtotal	\$ 83,329,000.00
FDOT IN-HOUSE DESIGN SUPPORT (Phase 31) (REQUIRED)		1	LS	\$5,000	\$ 5,000.00	FDOT In-House Support must be included as an FHWA Participating Item					
ADDITIONAL FDOT IN-HOUSE DESIGN SUPPORT FOR CRITICAL PROJECTS		0	LS	\$2,000	\$ -						
FDOT IN-HOUSE CONSTRUCTION SUPPORT (Phase 61) (REQUIRED)		1	LS	\$5,000	\$ 5,000.00						
ADDITIONAL FDOT IN-HOUSE CONSTRUCTION SUPPORT FOR CRITICAL PROJECTS		0	LS	\$2,000	\$ -						
LOCAL FUNDS FOR DESIGN		Local Agency Design Work is not a FHWA Participating Item				1	LS		\$ -		
CONTINGENCY (Phase 58) (REQUIRED)		Contingency is not a FHWA Participating Item				1	LS	20%	\$ 16,665,800.00		
TRANSIT RELATED PROJECTS (10% FTA ADMINISTRATIVE FEE)		Administrative Fee is not a FHWA Participating Item				0	LS	10%	\$ -		
CONSTRUCTION ENGINEERING & INSPECTION ACTIVITIES (CEI) (Phase 68)						1	LS	12%	\$ -		
FDOT OVERSIGHT CEI (3% OF TOTAL CONSTRUCTION COST ESTIMATE) (Phase 62) (REQUIRED)		1	LS	3%	\$ 2,499,870.00	FDOT In-House Support must be included as an FHWA Participating					
					\$ 85,838,870.00					\$ 16,665,800.00	\$ 102,504,670.00
					Subtotal FHWA Participating					Subtotal FHWA Non-Participating	Total Construction Cost Estimate

Item Description	Cost \$
(A) TOTAL Construction Cost Estimate ⁽¹⁾	\$83,329,000.00
(B) Cost Estimate of Eligible (participating) items ⁽²⁾	\$85,838,870.00

Funding Breakdown	Fund Source	Cost \$
(C) FDOT In-House Design Support (phase 31) ⁽³⁾	TAP	\$5,000.00
(D) (Critical projects only) FDOT In-House Design Support (phase 31) ⁽³⁾	TAP	\$0.00
(E) FDOT In-House Construction Support (phase 61) ⁽³⁾	TAP	\$5,000.00
(F) (Critical projects only) FDOT In-House Construction Support (phase 61) ⁽³⁾	TAP	\$0.00
(G) TAP funds requested for Construction (phase 58)	TAP	\$0.00
(H) Local Funds for Construction (phase 58)	LF	\$0.00
(I) Local Funds for Contingency (phase 58)	LF	\$0.00
(J) Local Funds for Design	LF	\$0.00
(K) Construction Engineering & Inspection Activities (CEI) (phase 68 - optional) ⁽⁴⁾	TAP	\$0.00
(L) Construction Engineering & Inspection Activities (CEI) (phase 68) ⁽⁴⁾	LF	\$0.00
(M) Transit Related projects FTA 10% administrative fees ⁽⁵⁾	LF	\$0.00
(N) FDOT Oversight CEI (3% of TOTAL Construction Cost Estimate) (phase 62) ⁽⁶⁾	TAP	\$2,499,870.00

Funding Summary	
(O) Total TAP funds ⁽⁷⁾	\$2,509,870.00
(P) Total LF funds	\$0.00
(Q) Total Funds	\$2,509,870.00

Notes:

- (1) The Total Construction Cost Estimate in this field must be equal to the Total Construction Cost Estimate from the attached detailed project cost estimate.
- (2) Cost Estimate of Eligible (participating) items must be equal to the Subtotal FHWA Participating from the attached detailed project cost estimate.
- (3) FDOT In-House Design and Construction Support must be included in TAP funds for an amount no less than \$5,000, an additional \$2,000 is required for critical projects. This is a required item.
- (4) It is strongly recommended that the applicant allocates a nominal amount for CEI. In the event that the project is programmed without any request for Phase 68 funding, there is no opportunity to allocate CEI funds based on bid savings.
- (5) Any required Federal Transit Authority (FTA) administrative fees must be included in Local Funds.
- (6) FDOT Oversight CEI must be included in TAP funds and be equal to 3% of the Total Construction Cost Estimate.
- (7) Use of the term TAP represents the actual funding codes of TALT, TALU and TALL.



Palm Tran

Administrative Offices

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Palm Tran Connection

50 South Military Trail

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www.palmtran.org



**Palm Beach County
Board of County
Commissioners**

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Maria G. Marino

Dave Kerner

Maria Sachs

Melissa McKinlay

Mack Bernard

County Administrator

Verdenia C. Baker

*"An Equal Opportunity
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Official Electronic Letterhead

February 18, 2022

Valerie Neilson, AICP
Interim Executive Director
Palm Beach TPA
301 Datura Street
West Palm Beach, FL 33401

Ref: Local Initiatives Program
Project: Palm Beach County Bus Stop Improvements

Dear Ms. Neilson:

Palm Beach County is applying for the 2022 Palm Beach Transportation Agency (TPA) Local Initiatives Program for the Palm Beach County Bus Stop Improvements. The scope of the project is the outfitting of Palm Tran Bus Stops with Transit Amenities.

Design of the shelters, and provision of transit amenities at bus stops can have an impact on a person's transit experience, and a pleasing design can affect perceptions of time while waiting for a bus. Public Transportation shelters offer the public a protected area sheltering them from the elements while waiting for their vehicle to arrive.

If awarded, Palm Tran will administer the project funded by the TPA's Local Initiatives Program. Palm Tran is committed to managing the completion of the Bus Stop Improvements initiative, and support the continued operation and maintenance of this project.

We look forward to the review of our application and the support of the program to provide transit amenities to public transportation users.

Sincerely,


Clinton B. Forbes
Executive Director