

## 2019 APPLICATION FORM

### Project Funding for Local Initiatives (LI)

### Construction Projects

Project Title    Town of Palm Beach Signal Interconnect  
Applicant        Town of Palm Beach

#### 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 Town of Palm Beach will link its four most critical signalized intersections to the Palm Beach County signal network to allow for better progression of traffic flows between the Town and West Palm Beach. Palm Beach County will ultimately accept maintenance responsibilities of the four signals. In order for the integration to occur, the signals and interconnection must be upgraded to fiberoptic connectivity and upgraded video detection systems.

#### 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    FDOT  
Requires resolution letter from owner allowing project to be built.

The upgraded fiberoptic infrastructure will be retrofitted within existing conduits and signal equipment which is located within existing FDOT right-of-way. No new right-of-way or easements are anticipated.

#### 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).*

	<u>Administered by:</u>	<u>Funded by:</u>
Design (PE)	<input type="checkbox"/> Applicant or consultant <sup>(1)(2)</sup> <input checked="" type="checkbox"/> FDOT (requires prior approval)	<input type="checkbox"/> Applicant (required if locally administered) <input checked="" type="checkbox"/> TPA (if FDOT administered)
Construction (CST)	<input type="checkbox"/> Applicant or consultant <sup>(1)</sup> <input checked="" type="checkbox"/> FDOT (requires prior approval) <input type="checkbox"/> Other: _____	<input type="checkbox"/> Applicant <input checked="" type="checkbox"/> TPA
Const Eng & Inspect (CEI)	<input type="checkbox"/> Applicant or consultant <sup>(1)(2)</sup> <input checked="" type="checkbox"/> FDOT (requires prior approval)	<input type="checkbox"/> Applicant (if locally administered project) <input checked="" 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 Kirk Blouin  
Title Town Manager  
Email pstrayer@townofpalmbeach.com  
Phone Number 561-227-7056  
Address 951 Okeechobee Road, West Palm Beach, FL 33401

## PROJECT LOCATION

Road Name Royal Palm Way, Royal Poinciana Way, South County Road  
Road Number SR 704, SR A1A

Project Limit Begin Flagler Bridge (see location map for details)  
Project Limit End Royal Park Bridge (see location map for details)

## 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.

	EXISTING	PROPOSED
<b>RIGHT-OF-WAY WIDTH</b>		
Project must fit within current ROW, acquisition is not permitted	Variable	Unchanged
<b>PEDESTRIAN OR MULTIUSE FACILITIES</b>		
Length (miles) for one direction. Do not count both sides of roadway.	1.5	1.5
Width on North or West side (feet)*	4'-5' var.	4'-5' var
Width on South or East side (feet)*	4'-5' var.	4'-5' var.
<b>BICYCLE FACILITIES</b>		
Bike Lane Length (feet) for one direction. Do not count both sides of roadway.	0	0
Width on North or West side (feet)* (not Including Buffer Width)	0	0
Buffer Width on North or West side (feet)*	0	0
Width on South or East side (feet)* (not Including Buffer Width)	0	0
Buffer Width on South or East side (feet)*	0	0
Proposed improvements requires:		
Pavement widening <input type="checkbox"/> Sharrows <input type="checkbox"/> Restriping <input type="checkbox"/>		
<b>MOTORIZED VEHICLE FACILITIES</b>		
Number of Through Travel Lanes	4	4
Typical Through Lane Width (feet)	12	12
Total Width* (No. Travel Lanes x Lane Width)	48	48
Posted Speed Limit	30	30
Design Speed (if known)	unknown	unknown
<b>MEDIAN/SWALE/CURB</b>		
Median/Center Turning Lane Width (feet)*	var. 0', 30', 70'	var. 0', 30', 70'
Swale Width (feet)*	none	none
Curb Width (feet)*	1'	1'
<b>*TOTAL WIDTH OF ALL COMPONENTS</b> (Add all rows with red for total width) Must fit within existing right-of-way.	NaN	NaN

## 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).

Existing conduit, pull boxes, and signal equipment is within FDOT ROW. Plat maps are attached. New video detection components will be added to the mast arms which are in ROW. Fiberoptic cable will be placed in conduit which is in ROW. Incidental construction such as new pull boxes may be required, but will be placed within ROW.

## 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

**No changes are proposed to sidewalks, ramps, etc.**

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

**No changes are proposed to medians, driveways, etc.**

### Pedestrian and/or Roadway Lighting

Pedestrian lighting proposed YES ☐ NO ☒

Roadway lighting proposed YES ☐ NO ☒

**No new lighting is proposed.**

### Landscape (with Local Funds)

Median landscape proposed ☐ YES ☒ NO

Other landscape proposed ☐ YES ☒ NO

Irrigation items proposed ☐ YES ☒ NO

**No new landscaping elements are proposed.**

### Signalization

Pedestrian signals proposed ☐ YES ☒ NO

Existing signalization to be replaced ☐ YES ☒ NO

New traffic signalization proposed ☐ YES ☒ NO

**Components of the existing signalization infrastructure will be replaced, including detection cameras and fiberoptic cables. No changes to mast arms or traffic signals are proposed.**

### Transit Improvements

Queue jump possible ☐ YES ☒ NO

Transit provider concurrence provided YES ☐ NO ☒

Upgrade existing bus bay area ☐ YES ☒ NO

**No changes to transit service are proposed.**

### School Zone Modifications

Existing flashing school zone signal on state road ☐ YES ☒ NO

High emphasis cross walk at unsignalized crossing ☐ YES ☒ NO

**No school zone modifications are proposed.**



#### Utility Modifications

Sub-surface relocation is required ☐ YES ☒ NO

Utility coordination is required ☒ YES ☐ NO

The fiberoptic will be installed mostly within existing conduit. Minor reconstruction of pull boxes may be required, and utilities will be located and coordinated accordingly.

#### Drainage and/or other Permits

Existing closed drainage system to remain ☒ YES ☐ NO

Existing open drainage system to remain ☒ YES ☐ NO

No changes to the drainage systems are proposed.

#### Railroad Crossing Modifications

Rail crossing within limits ☐ YES ☒ NO

Replace railroad signal equipment and gates ☐ YES ☒ NO

No railroads exist within the Town.

#### Bridge Modifications

Proposed pedestrian bridge ☐ YES ☒ NO

Bridge replacement ☐ YES ☒ NO

Proposed bridge widening ☐ YES ☒ NO

No bridge modifications are proposed.

#### Other Scope Items

None

Summarize any special characteristics of the project.

This project will only require minor modifications to the existing signals, and fiberoptic cables will be installed underground in mostly existing conduit. The project will allow for better coordination of traffic flows in the Town and between the Town and mainland.

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

No significant roadway or pedestrian improvements are proposed on the affected roadways.

Other specific project information that should be considered.

In order for the Town traffic signals to be communicative with the County's network of signals, and to allow the County to control the Town's signals, the infrastructure upgrade is required. The project will allow for decreased congestion as traffic flows between the island and the mainland. Currently, the signal systems are not controlled by a single agency.

## **PUBLIC INVOLVEMENT AND SUPPORT**

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

The Town has been coordinating with the Palm Beach County Engineering Department which supports the conversion of the four signals to County control pending the upgrade to County standards which would allow the signals to be integrated into the County network. Congestion at the subject intersections and between the Town and the mainland has been a voiced concern of Town residents and elected officials for many years.

*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).*

When complete, Palm Beach County will maintain the four subject traffic signals and interconnection infrastructure.

## **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](#)

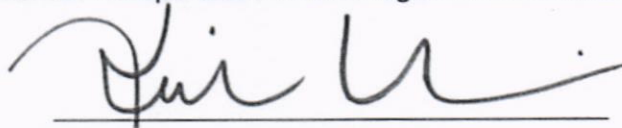


## CERTIFICATION OF PROJECT SPONSOR

I hereby certify that the proposed project herein described is supported by Town of Palm Beach  
(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

Kirk Blouin

Name (please type or print)

Town Manager

Title

3/1/19

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