

TOWN OF PALM BEACH

Information for Town Council Meeting on: April 9, 2019

TO: Mayor and Town Council

VIA: Kirk W. Blouin, Town Manager

FROM: H. Paul Brazil, P.E., Director of Public Works

RE: Authorizing the Submittal of Project Funding for Local Initiatives (LI) Construction Projects Application for up to \$650,000 to the Florida Department of Transportation Through the Palm Beach Metropolitan Planning Organization for Implementation of a Fiberoptic Infrastructure to Link the Four (4) Most Critical Signalized Intersections in Palm Beach to Palm Beach County.
Resolution No. 19-2019

DATE: March 20, 2019

STAFF RECOMMENDATION

Town staff recommends that Town Council approve Resolution No. 19-2019, authorizing the Town Manager to submit the Local Initiatives (LI) Grant Application for up to \$650,000 to the Florida Department of Transportation (FDOT) through the Palm Beach Metropolitan Planning Organization for implementation of a fiberoptic infrastructure to link the four most critical signalized intersections in Palm Beach to Palm Beach County.

GENERAL INFORMATION

The Town of Palm Beach has submitted an application for the Project Funding for Local Initiatives (LI) Construction Projects March 1, 2019. Town staff has been discussing with Palm Beach County the need to interconnect the traffic signals on Royal Palm Way and Royal Poinciana Way. During these discussions, staff became aware of the Palm Beach Transportation Agency grant opportunity. The grant application had a submittal deadline of March 1st, which the Town met. The application requires a Resolution from Town Council indicating support of the project and grant application. The following is a description of the work proposed in the grant application.

Palm Beach County maintains and controls traffic signals through the entire county (including the City of West Palm Beach), with the exception of signals in the Town of Palm Beach and the City of Boca Raton. Traffic flows to and from Palm Beach are highly influenced by traffic operations within the City of West Palm Beach, therefore, interconnecting the traffic signals at the major intersections in the Town with the signals in West Palm Beach which could greatly benefit the flow of traffic between the municipalities, especially during heavy traffic flow periods, after bridge openings, and during evacuation events.

In order for Palm Beach County to integrate the four (4) subject signals into their signal system, certain upgrades will be required. The signals will need to be connected physically via fiberoptic cable. Currently, the signals are connected via copper telemetry cable that is not compatible with the County's system. The fiber primarily will be placed within existing conduit, so no new boring will be required between the intersections. Furthermore, upgraded signal controllers and video detection cameras will need to be installed. A small portion of new conduit and fiberoptic cable will be installed to join the existing system to the Town's traffic operations infrastructure located at the Town's Police Department. Upon completion of the proposed scope of work, Palm Beach County will assume maintenance responsibilities and operations of the subject intersections.

FUNDING/FISCAL IMPACT

A sufficient amount of unappropriated and unreserved funds exists in the General Fund, reserved for any costs not covered by the Grant.

TOWN ATTORNEY REVIEW

The Town Attorney has approved the Resolution for legal form and sufficiency.

Attachments

cc: John C. Randolph, Town Attorney
Patricia Strayer, P.E., Town Engineer
Paul Colby, Facilities Division Manager
Brett Madison, Water Resources Division Manager
Jane Le Clainche, Director of Finance