

TOWN OF PALM BEACH

Information for Town Council Meeting on: May 10, 2022

TO: Mayor and Town Council

VIA: Kirk W. Blouin, Town Manager

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

RE: Review of Temporary Replacement of Failing Mast Arms at Peruvian Avenue and Worth Avenue by Florida Department of Transportation

DATE: April 21, 2022

STAFF RECOMMENDATION

Town staff has worked with Florida Department of Transportation (FDOT) to develop the recommended alternative to limit impacts to the Town.

GENERAL INFORMATION

On March 9, 2022 the Town of Palm Beach was notified that FDOT was developing plans to replace the eastbound deteriorated decorative mast arm assemble at the intersection of South County Road and Peruvian Avenue. At that time we were provided plans for a temporary pedestal mounted signal and a pedestrian signal to be installed. The proposed plans were for a standard FDOT metal pole. Shortly after receiving this notification and plans, we were provided inspection results of another failing mast arm which is located at the intersection of South County Road and Worth Avenue. FDOT's request included replacing this failing mast arm prior to the beginning of the 2022 hurricane season which is June 1st.

Town staff utilized the existing continuing services consulting contracts to have Kimley Horn perform a structural evaluation to determine if the mast arms could be repaired. The results of the evaluation were that the mast arms could not be repaired and needed to be replaced. FDOT staff met with Kimley Horn and Town staff to discuss alternatives. FDOT will utilize the Town's standard twenty-five (25) foot streetlight pole without the luminary as the post for the signals. The design is being completed now with an implementation date of no later than June 1st at both intersections. A rendering of the poles to be installed is being developed so that this can be presented at the May 10th Town Council meeting. The selected alternative is due to this collaboration.

FUNDING/FISCAL IMPACT

There are no funding impacts at this time.

Attachments

cc: Mike Roach, P.E., Project Engineer
Paul Colby, Facilities Maintenance Manager
Patricia Strayer, P.E., Town Engineer