



TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: May 5, 2015

TITLE: Maintenance Memorandum of Agreement with Florida Department of
Transportation for Improvements Along A1A from the Mercedes River
Bridge to Sunrise Boulevard

Recommendation

It is recommended that the City Commission adopt a resolution authorizing execution of a Maintenance Memorandum of Agreement for maintenance of in-roadway warning lights at crosswalks along A1A between the Mercedes River Bridge and Sunrise Boulevard as part of the Florida Department of Transportation project (Exhibit 1).

Background

This Maintenance Memorandum of Agreement (MMA) with the Florida Department of Transportation (FDOT) is an agreement for the City to maintain the in-roadway warning lights at pedestrian crossings being installed as a part of the A1A resurfacing project between the Mercedes River Bridge and Sunrise Boulevard.

As a part of FDOT's design process, FDOT approached the City for input on reducing pedestrian conflicts while facilitating traffic flow along the corridor. As presented to the City Commission on October 21, 2014 via CAM 14-1075, a response letter was forwarded to FDOT (Exhibit 2) identifying 11 crosswalk legs that could be removed as part of the project and three new crosswalks to be added. The reduction of crossings was contingent on FDOT installing enhanced crossings at the remaining locations including LED in-ground lighting. This approach is to improve pedestrian safety through additional lighting while meeting the requirements of protecting the habitat of the sea turtles.

FDOT agreed to the City's request and will fund the installation of the new in-ground LED lighting at the crosswalks; however, the City will be responsible for the maintenance. Attached is the maintenance agreement outlining the responsibilities of both parties.

Resource Impact

The fiscal impact will begin in FY2017 after construction is complete. Those costs will be incorporated into the City's maintenance programming for utilities.

The construction will be competitively bid by FDOT so specific amounts may change, however the common manufacturer warranty period is for five years. Based on the information provided by a manufacturer, it is estimated that maintenance costs would average \$3,000 annually after the warranty period ends. This estimate includes any light fixture (\$300-400/fixture) or any issue with the push button, circuit board, or solar panel.

The average life cycle of the fixture is 10 years.

Strategic Connection

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Infrastructure Cylinder of Excellence, specifically advancing:

- Goal 1: Be a pedestrian friendly, multi-modal city.
- Objective 1: Integrate transportation land use and planning to create a walkable and bikeable community.
- Initiative 8: Adopt Complete Streets guidelines.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We are Connected*.

Attachments:

- Exhibit 1 Maintenance Memorandum of Agreement for A1A Improvements
- Exhibit 2 Letter to FDOT re Pedestrian Crosswalks Along N A1A
- Exhibit 3 Sample Inground Solar Lighting Products
- Exhibit 4 Resolution

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