

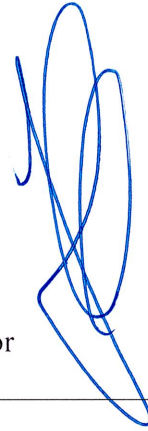
MEMORANDUM

September 30, 2020

TO: City Commission

CC: Greg Harrison, City Manager
Suzette Sibble, Assistant City Manager
Brian Donovan, Assistant City Manager
Earl Bosworth, Assistant City Manager

FROM: Horacio Danovich, CIP and Innovation District Director



Issue

Staff is seeking City Commission approval of a Resolution to execute two (2) LED lighting agreements with the Florida Power and Light (FPL) (see Exhibits A-D). These agreements require the City to contribute \$16,443.97 and \$102,587.97, respectively (see Payment Coupons 1-3). The contributions will offset costs of installation of required cables and supporting equipment to convert existing sodium halide fixtures in Old Pompano to LED-based light fixtures.

Recommendation

Staff recommends Approval of the Resolution.

Background

The GO Bond had set aside funds to convert light fixtures in Collier City from sodium halide to LED. Subsequently, staff recognized the possibility of shifting funds to conduct similar conversion efforts in other parts of the City. The City Commission approved a modification to the GO Bond authorizing the appropriation of funds that would allow the conversion of light fixtures in certain neighborhoods.

Staff engaged an electrical engineering professional to work with FPL and prepare layout and design plans for each neighborhood. The City's consultant surveyed designated areas including Collier City, Liberty Park, Old Pompano, Cresthaven (including Leisureville and Kendall Lakes) and the Highlands. Upon completing the surveys, the professional identified the need to replace existing fixtures and supplement coverage by adding new LED lights.

Old Pompano, the subject of this Resolution, will receive 221 new light fixtures (147 Memphis Teardrop and 74 ATB2) combined (Exhibits E-H). The Memphis and ATB2 fixtures (see FPL catalog) were previously selected for Collier City and Liberty Park and will continue to be used throughout the City. Such approach will add consistency and give the neighborhoods an enhanced appearance. In Old Pompano, the project will also result in the removal of 110 old sodium halide fixtures.

Upon concluding this conversion program in Old Pompano, coverage provided will be no less than 0.25 foot-candles over the entire project area. The foot-candles coverage is consistent with City's standards and the minimum recommended by the Institute of Transportation Engineers (ITE) for roadway and pedestrian areas.

FPL and one of the entity's contractors will conduct the work, which is expected to take approximately 12 months to complete. Staff recommends approval.