



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
CONFERENCE MEETING

#23-0194

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

FROM: Greg Chavarria, City Manager

DATE: February 21, 2023

TITLE: Discussion – Melrose Park Neighborhood Streetlighting Project -
(Commission District 3)

The Melrose Park Neighborhood currently lacks street illumination. Providing streetlighting improves visibility at night for automotive traffic, pedestrians, bikers, and law enforcement. The neighborhood's safety will also be improved by illuminating the currently dark streets and walkways.

On September 15, 2016, the City mailed an interest survey to the community. Of the 1,961 total mailings sent out, 454 (23%) were returned with 367 (81%) in favor of lighting, 83 (18%) were not in favor of lighting, and 4 (1%) were unmarked, indicating no preference. On July 28, 2021, the City held a public meeting and presented the project to the neighborhood.

Staff and a design consultant collaborated with Florida Power and Light Company (FP&L) to reduce construction-related impacts, improve storm resiliency, and preserve community aesthetics. The streetlighting conduits will be installed underground using underground horizontal directional drilling (HDD). The overall underground conduit length is expected to be 87,882 linear feet.

The proposed neighborhood lighting design includes 720 new lights using Cree 42w, 5000 lumen, 4000k LED lights, mounted on 30-foot concrete poles with 8-foot aluminum arms. All the proposed poles will be placed in the City's right-of-way and will be offset about 6-feet from the edge of the roadway. FP&L will perform all construction installation work, the City will perform all restoration work.

FP&L is requiring a LED Lighting Agreement and Contribution in Aid of Construction (CIAC) in the amount of \$626,839. A deposit of \$7,200 for initial engineering services has already been paid to FP&L. The monthly cost to operate and maintain the lights will be \$16,531 based upon the current FP&L tariff and may be adjusted subject to review and approval by the Florida Public Service Commission (FPSC). There is a need for additional funding in the amount of \$962,678 for in-house project management fees,

restoration work, owner contingency, permit fees, construction administration services, and construction engineering and inspection services.

Staff previously submitted a LED Lighting Agreement with FP&L for approval at the February 15, 2022 Commission meeting; however, the resolution (CR-5, #22-0096) was not approved.

Staff will provide an overview of the project, including updated cost and a timeframe, to allow the City Commission to provide any further direction.

Attachment

Exhibit 1 – Melrose Park Neighborhood Streetlighting Presentation

Prepared by: Alan Dodd, Director – Public Works

Charter Officer: Greg Chavarria, City Manager