

## Agenda Memorandum

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**To:** Honorable Mayor and City Council Members  
**From:** Bryan Cobb, City Manager  
**Date:** February 1, 2021  
**Subject:** **Resolution No. 4028-21**, Street Light Improvements North Lockwood Boulevard

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**Procedure:** Call Up Item  
City Manager Background  
Public Comment - Request to Speak Forms submitted prior to beginning of meeting.  
Council Motion & Discussion  
Council Action

**Introduction:** This is a request for City Council to approve an Agreement for Lighting Services with Orlando Utilities Commission (OUC) for streetlight improvements on North Lockwood Boulevard in the amount of \$486,121.59.

**Discussion:** The City's Streetlight Assessment, which was established in 2018, provides for the City's streetlight utility payments, upgrades of streetlights to LED technology, and for the expansion of streetlight infrastructure. To date approximately 22% of the over 3,800 streetlights within the City have been converted to LED.

Resolution No. 4028-21 approves the first streetlight expansion project initiated under the assessment program. The proposed expansion area is along North Lockwood Boulevard between County Road 419 and County Road 426 as depicted in Attachment 1. Currently, there are only a few streetlights along this corridor, on the east side near CR419. However, due to increased traffic, development, bus stops and foot traffic, the proposed lighting is necessary. Due to the lack of existing streetlight infrastructure North of County Road 419, staff solicited OUC to assist in the expansion similar to the previous expansions on Oviedo Boulevard south of the Aquatic Center and Franklin Street between State Road 434 and the roundabout.

Duke Energy (Duke) is the power provider along Lockwood Boulevard. However, since there are no existing Duke streetlights within the proposed project area, the City can install and own the infrastructure. OUC, unlike Duke Energy, permits the upfront capital purchase of infrastructure. The pricing provided in Resolution No. 4028-21 provides for the procurement of the proposed streetlight infrastructure.

OUC and the City have an existing Interlocal Agreement (Agreement) for the installation, maintenance, equipment and administration by OUC of lighting and chilled water systems, facilities and services which was executed on March 6, 2007. The Agreement's existing term will

expire on January 30, 2027 and automatically renew for four (4) successive five-year renewal periods. A copy of the Agreement is provided as Attachment 2.

The project proposed under Resolution 4028-21 will be completed in a single phase and consists of the following equipment:

- One hundred and twenty-four (124) 18-foot aluminum poles
- One hundred and twenty-four (124) 90-watt Cooper Lexington LED Fixtures
- Two (2) Lighting Controllers
- Conduit and junction boxes
- All associated poles, parts, wires, photocells, and controllers

Streetlights will be installed on both sides of Lockwood Boulevard to create a safer pedestrian, mobility and transportation environment. A monthly fee of \$535.68 will still be required to OUC for maintenance as well as monthly energy payments to Duke.

**Budget Impact:** The cost associated with Resolution No. 4028-21 is \$486,121.59 as shown in Attachment 3. The City's Streetlight Assessment Fund has \$165,000 available for capital projects in the FY 2020-21 Adopted Budget. The original FY2021 budget did not consider a capital buy-down of the infrastructure when first estimated. After discussion between Public Works and Finance, it was determined that the upfront purchase of the infrastructure was more appropriate, financially, for the long term. A budget amendment, is provided in Exhibit 2 of Resolution No. 4028-21 for the additional \$321,121.59 needed for this project. The budget amendment will move \$153,000 from Reserve for Contingency in the Streetlight Fund to the Capital Projects account line. Additionally, the budget amendment will increase the Use of Fund Balance in the Streetlight Fund of \$168,122, which will also increase the Capital Projects account line. These two adjustments in the Streetlight Fund will provide the necessary funding for the project.

**Strategic Impact:** Resolution No. 4028-21 provides for infrastructure improvements to promote increased pedestrian activity and safety to meet the goals of the Mobility and Transportation Strategic Focus Area.

**Recommendation:** It is recommended that City Council adopt Resolution No. 4028-21.

- Attachment(s):
1. Lockwood Streetlight Improvements project location map
  2. Interlocal Agreement between the City of Oviedo and OUC
  3. OUC Lockwood Streetlight Improvement cost letter

Prepared by: Bobby Wyatt, Public Works Director