



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: August 6, 2018

Re: Streetlight requests

Executive Summary

The staff Street Lighting Committee, which is comprised of staff from the City's Water & Light, Public Works, Office of Neighborhood Services, Police, and Office of Sustainability, has received three requests for additional streetlights.

- 1) Additional lighting along Hillsboro Drive south of Bridgewater Drive.
- 2) Additional lighting in the Rothwell Heights neighborhood.
- 3) Additional lighting along Payson Drive.

The staff Street Lighting Committee has reviewed these requests and recommends the following:

- 1) Installing 1 additional streetlight along Hillsboro Drive south of Bridgewater Drive at the intersection of Shelburne as shown in Exhibit A.
- 2) Approving the request for increased Lighting in the Rothwell Heights neighborhood by upgrading the 20 existing mercury vapor streetlights in the area as shown in Exhibit B.
- 3) Installing 1 additional streetlight along Payson Drive as shown in Exhibit C.

Discussion

A request for increased lighting along Hillsboro Drive south of Bridgewater Drive has been received. After review, it has been determined that the lighting along Hillsboro Drive south of Bridgewater Drive is not lit in accordance with Chapter 27-149 of the City's code of Ordinances in regards to street lighting along residential streets. Chapter 27-149 requires lighting to be installed at intersections of roads. The streetlight committee recommends the installation of 1 additional streetlight along Hillsboro Drive south of Bridgewater Drive at the intersection of Shelburne as shown in Exhibit A. The streetlight is proposed to be a 38 watt LED decorative post top luminaire mounted on a black standard. The estimated cost to install this light is \$1,500 and will be constructed as part of the annual Capital Improvement Project (CIP) E0052 Annual Street Light Additions for which funds have already been appropriated.

A request for increased lighting in the Rothwell Heights neighborhood has been received. After review, it has been determined that the Rothwell Heights neighborhood is currently lit consistent with Chapter 27-149 of the City's code of Ordinances in regards to street lighting along residential streets. To satisfy the requests for additional lighting, the streetlight committee recommends upgrading the 20 existing mercury vapor streetlights as shown in Exhibit B. The mercury vapor lights less than 175 watts will be replaced with 57 watt LEDs with full cutoff. The mercury vapor lights greater than 175 watts will be replaced with 213 watt



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LEDs with full cutoff. The estimated cost for to install these lights is \$24,000 and will be constructed as part of the annual Capital Improvement Project (CIP) E0182 Mercury Vapor Streetlight Replacement for which funds have already been appropriated.

A request for increased lighting along Payson Drive has been received. After review, it has been determined that the lighting along Payson Drive is not lit in accordance with Chapter 27-149 of the City's code of Ordinances in regards to street lighting along residential streets. Chapter 27-149 requires lighting to be installed at intervals not to exceed four hundred (400) feet. The streetlight committee recommends the installation of 1 additional streetlight along Payson Drive as shown in Exhibit C. The streetlight is proposed to be a 38 watt LED decorative post top luminaire mounted on a black standard. The estimated cost to install this light is \$1,800 and will be constructed as part of the annual Capital Improvement Project (CIP) E0052 Annual Street Light Additions for which funds have already been appropriated.

Fiscal Impact

Short-Term Impact: The cost of the proposed streetlights are \$3,300 to be charged to (CIP) E0052 and \$24,000 to be charged to (CIP) E0182.

Long-Term Impact: The ongoing cost of the proposed streetlights within the Water & Light Service Territory is shared among all electric ratepayers.

Strategic & Comprehensive Plan Impacts

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Not applicable, Tertiary Impact: Not Applicable

Legislative History

Date	Action
None	None

Suggested Council Action

Staff recommends Council adopt a resolution for the installation of streetlights as described above.