



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: January 4, 2021

Re: Streetlight Requests

## Executive Summary

Staff has prepared for Council consideration a resolution recommending the installation of additional streetlights. The Street Lighting Committee, which is comprised of staff from the City's Utilities Department, Public Works Departments, Office of Neighborhood Services, Police, and Office of Sustainability, has received six (6) requests for additional streetlights.

- 1) Additional street lighting in the Victoria South Subdivision.
- 2) Additional street lighting on Third Avenue between Grand Avenue and Providence Road.
- 3) Additional street lighting on Fay Street south of Wilkes Boulevard.
- 4) Additional street lighting on Clark Lane near Hanover Boulevard.
- 5) Additional street lighting along Waco Road between Brown Station Road and Ascot Way.
- 6) Additional street lighting at the northwest corner of 2904 Crestwood Lane.

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

- 1) Approving the request for additional street lighting in the Victoria South Subdivision.
- 2) Denying the request additional streetlights on Third Avenue between Grand Avenue and Providence Road.
- 3) Approving the request for additional street lighting on Fay Street south of Wilkes Boulevard.
- 4) Approving the request for additional street lighting on Clark Lane near Hanover Boulevard.
- 5) Approving the request for additional street lighting along Waco Road between Brown Station Road and Ascot Way.
- 6) Denying the request for additional street lighting at the northwest corner of 2904 Crestwood Lane.

## Discussion

A request for increased street lighting in the Victoria South subdivision by a resident along Chrissula Lane has been received. There are currently no street lights in the Victoria South Subdivision. The Lighting Committee is recommending the installation of street lights in accordance with Chapter 27-149 of the City Code for street lighting standards along residential streets. This subdivision is served by Boone Electric Cooperative and they would have to design and install the street light system. It is estimated that approximately seven (7) post top luminaires would be required as shown in Exhibit 1. The recurring costs for this lighting would be \$12.25 per light per month or an annual cost of \$1,029.00 per year.



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A request for additional lighting along Third Avenue between Grand Avenue and Providence Road Tree Court has been received. After review, it has been determined the street lighting in place on Third Avenue meets the standards of Chapter 27-149 of the City's code of Ordinances and no additional lighting is recommended.

A request for additional street lighting on Fay Street south of Wilkes Boulevard has been received. The Street Light Committee has reviewed this request and recommends the installation of one additional LED fixture on an existing pole at 709 Fay Street as shown on Exhibit 2. The estimated cost to install this light is \$1,500 and will be constructed as part of the annual Capital Improvement Project (CIP) E0052 Street Light Additions for which funds have already been appropriated.

A request for street lighting on Clark Lane near Hanover Boulevard has been received. The Street Light Committee has reviewed this request and recommends the installation of streetlights along Clark Lane to the standards identified in Chapter 27-149 of the City's code of Ordinances. Clark Lane is designated a minor arterial street and currently has no lighting west of the Highway 63 Connector except for a City maintained streetlight at the McDonalds driveway and MoDOT maintained streetlights at the intersection of Creekwood Parkway. Council should direct staff to begin preliminary design work for these lighting improvements and prepare preliminary cost estimates to be presented at a public hearing for this project. Funding for the lighting project along Clark Lane will need to be appropriated in the future.

A request for street lighting on Waco Road west of Brown station Road has been received. The Street Light Committee has reviewed this request and recommends the installation of street lighting along Waco Road to the standards identified in Chapter 27-149 of the City's code of Ordinances. Waco Road is designated a minor arterial street and currently has no lighting west of Brown Station Road. Council should direct staff to begin preliminary design work for these lighting improvements and prepare preliminary cost estimates to be presented at a public hearing for this project. Funding for the lighting project along Waco Road will need to be appropriated in the future.

A request for additional lighting near the northwest corner of 2904 Crestwood Lane has been received. After review, it has been determined that Crestwood Lane is currently lit consistent with Chapter 27-149 of the City's code of Ordinances in regards to street lighting along residential streets except across a privately maintained dam. The streetlight committee has determined that there is not sufficient right of way to install additional lighting along this private portion of Crestwood Lane and La Rail Drive as shown in Exhibit 3.

## Fiscal Impact

Short-Term Impact: The initial cost of the proposed streetlights within the Boone Electric Service Territory would be \$85.75 per month or \$1,029 annually. The estimated cost to install the light on Fay Street is \$1,500.



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Long-Term Impact: The ongoing cost of the proposed streetlights within the Boone Electric Service Territory is \$1,029 annually.

## Strategic & Comprehensive Plan Impact

### 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.