



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: April 1, 2024

Re: Authorizing the installation of street lights at the intersections of Rice Road and McKee Street, on Waco Road from Brown Station Road to Arbor Pointe Parkway, and at the intersection of Bethel Road and Old Plank Road.

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 Utilities and Public Works Departments, Office of Neighborhood Services, Police, and Office of Sustainability, met for their quarterly meeting on March 11, 2024 to discuss nine (9) individual requests for additional streetlights. After reviewing these requests, the committee is recommending approval of three (3) of these requests for additional street lighting.

Discussion

The Street Lighting Committee, received nine requests for additional streetlights. After evaluation, the staff of the Street Lighting Committee recommends three (3) street lighting additions.

A request for additional lighting at the intersection of Rice Road and McKee Street was reviewed. It has been determined the pole at this location was recently replaced and the existing streetlight was not reinstalled. The streetlight committee recommends the replacement of the previously existing light with a 4-square LED as shown in Exhibit 1 of the Project Graphics. The estimated cost to install this light is \$1,800 and will be funded from the annual Capital Improvement Project (CIP) E0052 for Annual Street Light Additions for which funds have already been appropriated.

A request for additional lighting on Waco Road west of Brown Station Road to Arbor Pointe Parkway was reviewed. Waco Road is identified as a minor arterial street on the current CATSO Major Roadway Plan and is currently has no street lighting installed as required by section 27-150 of the Code of Ordinances. The Lighting Committee recommends that this work be brought forward as a future public improvement for the design and construction of street lighting on this portion of Waco Road shown in Exhibit 2 of the Project Graphics. There has been no cost estimate prepared for this work at this time.

A request for lighting at the intersection of Bethel Road and Old Plank Road was reviewed. After review, it has been determined that this intersection is inadequately lit and that additional street lighting is warranted. The streetlight committee recommends that a 400-watt equivalent LED mast mounted street light be added at this intersection as shown in Exhibit 3 of the Project Graphics. This intersection is in Boone Electric's service territory so the



improvement will be funded by Boone Electric and charged back to the city at a monthly rate of \$16.50 per light.

Fiscal Impact

Short-Term Impact: The cost of the proposed streetlights is \$1,800 to be charged to Capital Project E0052 for street light additions.

Long-Term Impact: Charges for lights installed in the Boone Electric service area will be approximately \$200 annually.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Reliable and Sustainable Infrastructure, Secondary Impact: Safe Community, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Legislative History

Date	Action
01/03/2022	R182-22 Authorizing the installation of street lights at the intersections of Lilac Drive and Garden Drive, Raleigh Drive and Edenton Boulevard, Baseline Place and Copper Mountain Drive/Clearview Drive, Mexico Gravel Road and Tanzanite Drive, and on Rock Quarry Road.
01/04/2021	R3-22 Authorizing the installation of street lights on Burnham Road and Ridgeley Road within the Grasslands Subdivision.
07/06/2020	R4-21 Authorizing the installation of street lights on Yiotis Way, Chrissula Lane, Azoros Drive and Fay Street; authorizing staff to proceed with the preliminary design and cost estimates associated with the proposed installation of street lights on Clark Lane and Waco Road; directing that a public hearing be held upon completion of the preliminary plans.
11/18/2019	R84-20 Authorizing the installation of street lights on the west side of Edenton Boulevard, north of International Drive.
09/03/2019	R164-19 Authorizing the installation of a street light on the west side of Apple Tree Court.
03/04/2019	R126-19 Authorizing the installation of street lights on Old Plank Road, Oakland Gravel Road, Grace Lane and Smarr Court; authorizing the upgrade of street lights in the area around Whitegate Drive and Sylvan Lane.



City of Columbia

701 East Broadway, Columbia, Missouri 65201

11/19/2018	R35-19 Authorizing the installation of street lights on Woodrow Street, Rice Road and Belinda Court; authorizing the upgrade of street lights on a portion of Rice Road. R177-18 Authorizing the installation of street lights on Smiley Lane, La Rail Drive and Hinkson Avenue, and authorizing the upgrade of street lights on Hinkson Avenue and Arlington Street.
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Suggested Council Action

Approval of the Resolution.