

SUMMARY OF ENGINEERING RECOMMENDATIONS

JACKSON STREET ABOVE STANDARD LIGHTING IMPROVEMENTS

October 2016

I. Project

This project includes new lighting along Jackson Street between 2nd Street and 11th Street.

II. Initiating Action

This project was proposed through the Capital Improvement Budget and was chosen for funding by the Mayor and Council.

III. Construction

a. Proposed Improvements

Jackson Street is currently lit with a combination of several different lighting types. We propose to replace the all of the lighting in this corridor with a combination of new globe style lighting and new LED bent straw lighting. This will improve visibility of pedestrians and cyclists along this council-approved bikeway route, in addition to improving the overall aesthetic of the street and reducing electrical footprint. Existing 3 – globe and 5 - globe lighting between Kellogg and 6th Street on the east side of the street (Lowertown Historic District) will be refurbished and are already accounted for in maintenance.

New above standard single globes are proposed on the west side of Jackson from 2nd Street to 7th Place in 2016. New above standard 3-globe and 5-globe lights are proposed for the east side of Jackson from 6th Street to 7th Place in 2016.

New above standard single globes are proposed on both sides of Jackson from 7th Place to 11th Street in 2017.

b. Positive Benefits

The proposed lighting system will bring the roadway in line with current City LED lighting. The new lighting system will improve the consistency of light along the corridor, and transition to LED will allow for a reduction in electrical usage. There is no additional capital assessment for lighting on this project. The lighting costs are accounted for in the overall capital assessment rate for this project.

c. Adverse Effects

Abutting properties will be subject to maintenance assessments for the above standard lighting.

d. Cost Estimates

Construction	\$11,600,000
Engineering	\$2,900,000
Total	\$14,500,000

e. Financing

Project Funds 8-80 Funds	\$12,820,000
Assessments	1,680,000
Total	\$14,500,000

f. Proposed Annual Operation and Maintenance Rates

Lowertown District (multi globe)	\$4.28/ft
Wabasha-Saint Peter District(single globe)	\$1.52/ft

g. Schedule

Jackson Street Lighting Improvements are scheduled to start in May 2016 and finish by September 2017.

h. Project Contacts

Kevin Nelson	651-266-6236	kevin.nelson@stpaul.gov	Engineering
Lynn Moser	651-266-8851	lynn.moser@stpaul.gov	Assessments

i. Summary and Recommendation

The Department of Public Works believes that this is a necessary and worthwhile project. Our Engineering Recommendation is to approve this project.