

SUMMARY OF ENGINEERING RECOMMENDATIONS

OAKDALE AVENUE LIGHTING IMPROVEMENTS

February 2016

I. Project

This project is to replace and supplement existing bent straw lighting along Oakdale Avenue between State Street and Annapolis Street with lantern style LED lighting.

II. Initiating Action

This project was proposed through the Capital Improvement Budget and was chosen for funding by a citizen board.

III. Construction

a. Proposed Improvements

Oakdale Avenue is currently lit from one side of the road with bent-straw style roadway lights. Current lights are High Pressure Sodium. We propose to replace the single row of HPS roadway lights with an LED system of Lantern Style lights. 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.

b. Positive Benefits

The proposed lighting system will bring the roadway in line with current City LED lantern lights. A greater number of lights will improve the consistency of light along the corridor, and transition to LED will allow for a reduction in electrical usage.

c. Adverse Effects

Abutting properties will be subject to assessments for a portion of the total project cost.

d. Cost Estimates

Labor and Materials	\$252,000
Engineering and Inspection	\$63,037
Real Estate Fee	\$5,048
Total	<u>\$320,085</u>

e. Financing

Assessments	\$68,085
Municipal State Aid	<u>\$252,000</u>
Total	\$320,085

f. Proposed Assessment Rates

Oakdale Avenue from State Street to Annapolis Street contains an estimated 4,104 ft. of assessable residential footage.

Estimated Rates

Residential	\$16.59/ft
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g. Schedule

Oakdale Avenue Lighting Improvements are scheduled to start in May 2016 and finish by August 2016.

h. Project Contacts

Ben Hawkins	651-266-6256	ben.hawkins@stpaul.gov	Engineering
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Lynn Moser	651-266-8851	lynn.moser@stpaul.gov	Assessments
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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.