

# SUMMARY OF ENGINEERING RECOMMENDATIONS

## SIXTH STREET LIGHTING IMPROVEMENTS

February 2017

### I. Project

This project is to install lantern style LED lighting on 6<sup>th</sup> Street from Arcade to Johnson Parkway.

### 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

6<sup>th</sup> Street is currently lit with wood pole lighting at intersections and at mid-block locations. We propose to install Saint Paul standard LED lantern lighting at approximately 120' spacing.

#### b. Positive Benefits

The proposed lighting system will upgrade the roadway to 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 economical operation. This improvement will greatly improve visibility of pedestrian and vehicles along the corridor.

#### c. Adverse Effects

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

#### d. Cost Estimates

|                            |                     |
|----------------------------|---------------------|
| Labor and Materials        | \$491,000.00        |
| Engineering and Inspection | \$122,000.00        |
| Real Estate Fee            | \$9,899.04          |
| Total                      | <u>\$622,899.04</u> |

#### e. Financing

|                     |                     |
|---------------------|---------------------|
| Assessments         | \$133,999.20        |
| Municipal State Aid | <u>\$488,899.84</u> |
| Total               | <u>\$622,899.04</u> |

**f. Proposed Assessment Rates**

6<sup>th</sup> Street from Arcade to Johnson Parkway contains an estimated 8,048 ft. of assessable residential footage.

*Estimated Rates*

|             |            |
|-------------|------------|
| Residential | \$16.65/ft |
|-------------|------------|

**g. Schedule**

Sixth Street Lighting Improvements are scheduled to start in May 2017 and finish by August 2017.

**h. Project Contacts**

|             |              |                                                                    |             |
|-------------|--------------|--------------------------------------------------------------------|-------------|
| Ben Hawkins | 651-266-6256 | <a href="mailto:ben.hawkins@stpaul.gov">ben.hawkins@stpaul.gov</a> | Engineering |
|-------------|--------------|--------------------------------------------------------------------|-------------|

|            |              |                                                                  |             |
|------------|--------------|------------------------------------------------------------------|-------------|
| Lynn Moser | 651-266-8851 | <a href="mailto:lynn.moser@stpaul.gov">lynn.moser@stpaul.gov</a> | Assessments |
|------------|--------------|------------------------------------------------------------------|-------------|

**i. Summary and Recommendations**

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