

## SUMMARY OF ENGINEERING RECOMMENDATIONS

### **Wabasha Street Paving Project**

City Project No. 16-P-1417

Report Prepared 3/4/2016

Public Hearing 4/6/2016

### **PROJECT**

The project seeks to reconstruct Wabasha Street between Fillmore Avenue and Plato Blvd. Additional improvements slightly beyond these limits will be made only as necessary to transition into the existing street width.

### **EXISTING CONDITIONS**

Wabasha Street was last reconstructed in 1965.

The Pavement Condition Index (PCI) of this segment is 30, which is considered poor.

The existing pedestrian ramps are not in compliance with current ADA standards. Current ADT is 13,950 vpd and is projected to increase over the next 20 years. The existing width of Wabasha is 55'. The existing lighting system is the bent straw style.

### **PROPOSED IMPROVEMENTS**

It is proposed to reconstruct the street with a new bituminous pavement, concrete curb and gutter, ADA compliant pedestrian ramps at the intersections, new storm sewer catch basins and above-standard double-lantern style street lighting. Sidewalks will be fully reconstructed. The street will be widened approximately 12' in order to accommodate in-street bike lanes. The centerline of the roadway will be shifted in order to accommodate potential improvements in the future as outlined in the recently adopted West Side Flats Master Plan & Development Guidelines.

### **ALTERNATES**

To do nothing would allow an already marginal roadway surface to further deteriorate.

### **POSITIVE BENEFITS**

A newly reconstructed street will improve drivability on this important corridor, connect a critical link in our bike system, and improve pedestrian facilities.

## **ADVERSE EFFECTS**

Normal problems associated with construction such as noise, dust, reduced access to the neighborhood, and general disruption will be present. Traffic disruption will be significant.

## **EFFECTS ON TREES**

Ash trees will be removed and replaced with other species in conjunction with this project. Depending on the location of tree roots, additional tree removals might be necessary.

## **TIME SCHEDULE**

The project will begin in the summer of 2016 and will be completed by the fall of 2016.

## **COST ESTIMATE**

Construction	\$ 1,840,000
Engineering	<u>\$ 460,000</u>
<b>PROJECT TOTAL</b>	<b>\$ 2,300,000</b>

## **ESTIMATED FINANCING**

Street Improvement Bonds	\$ 1,930,000
Sewers	\$ 90,000
SPRWS	<u>\$ 280,000</u>
<b>PROJECT TOTAL</b>	<b>\$ 2,300,000</b>

The 2016 assessment rates for street paving on this project is anticipated to be \$308.85 per ASSESSABLE FOOT.

The 2016 assessment rates for above-standard street lighting on this project is anticipated to be \$62.21 per ASSESSABLE FOOT. This is the standard lighting rate of \$17.15 plus an increase for above-standard lighting of \$45.06.

## **SOURCE OF ADDITIONAL INFORMATION**

For additional information, contact the Project Engineer, Jesse Farrell at 651-266-6155.

## **SUMMARY AND RECOMMENDATION**

The Department of Public Works feels that this is a worthwhile project, and the Engineering Recommendation is for approval of the project and financing.

Respectfully submitted,  
Jesse Farrell