

SUMMARY OF ENGINEERING RECOMMENDATIONS  
**2022 Saint Paul Streets Project**

Report Prepared – 2/22/2022  
Public Hearing – 4/13/2022

**PROGRAM**

The project seeks to improve **Wabasha Street from Kellogg Boulevard to Seventh Street** by reconstructing the pavement, improving pedestrian facilities and implementing the Capital City Bikeway.

Improvements to be made as part of the project include constructing new concrete pavement with concrete curb and gutter, concrete sidewalk, a grade separated bicycle facility and associated traffic signal upgrades. In addition, appropriate sanitary sewer repairs will be made.

**EXISTING CONDITIONS**

Wabasha Street was last paved in the 1990s. The average Pavement Condition Index (PCI) is 50 out of 100, with some segments as low as 21. The existing street width on Wabasha is 40', accommodating 2 travel lanes and 2 parking lanes. Sidewalk, parking lanes and intersections are damaged and patched brick pavers. The street lighting on Wabasha Street is a combination of bent straw overhead lighting and pedestrian scale globe lanterns. Four Metro Transit bus routes currently use Wabasha Street.

**PROPOSED IMPROVEMENTS**

Improvements to Wabasha Street between Kellogg Boulevard and Seventh Street include new concrete pavement with concrete curb and gutter. The existing bricks in the boulevards, parking lanes, sidewalks, and intersections will be removed and replaced with concrete.

The project proposes to narrow Wabasha Street from 44 feet to 29 feet. This new street width will accommodate two northbound travel lanes and one parking/loading lane. The narrowing of the street will move the west curb line and remove on-street parking. The additional space from the west side will be used for sidewalks and a two-way off-street bikeway, which is part of the west corridor of the Capital City Bikeway. Parking will remain on the east side of the street. Metro Transit will move their existing routes off Wabasha Street.

The project includes new traffic signal systems at the intersections of Fourth, Fifth, Sixth and Seventh Place.

In addition, appropriate sanitary sewer repairs will be made, and storm sewer and sanitary sewer connections will be made.

### **ALTERNATES**

Extensive public engagement regarding the location of the Capital City Bikeway was conducted by Public Works Traffic Engineering. The study explored placing the bikeway on St. Peter Street vs. Wabasha. It also explored which side of the street would be most appropriate for the trail. In 2021, the City Council approved the placement of the west corridor of the Capital City Bikeway along Wabasha Street. The bikeway will be installed along the west side of the roadway as part of the Wabasha Street Reconstruction.

### **POSITIVE BENEFITS**

General improvement of the public right-of-way will enhance and add quality to the neighborhood. The proposal is in keeping with the City's Complete Streets Initiative and the Saint Paul Bicycle Plan.

### **ADVERSE EFFECTS**

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

### **EFFECTS ON TREES**

Boulevard trees will be impacted by this construction. New trees will be planted where there is sufficient space as part of the boulevard restoration following the City's master tree planting plan.

### **TIME SCHEDULE**

The project will begin in the summer of 2022 and will be completed by the fall of 2022.

**COST ESTIMATE**

Construction	\$ 7,890,392
Engineering	<u>\$ 1,972,598</u>
<b>PROJECT TOTAL</b>	<b>\$ 9,862,990</b>

**ESTIMATED FINANCING**

Saint Paul Regional Water Services (SPRWS)	\$ 133,998
Assessments	\$ 1,000,000
SPS Signals	\$ 1,750,000
CRRSAA Federal Funding	\$ 988,992
MSA (Municipal State Aid)	<u>\$ 5,990,000</u>
<b>PROJECT TOTAL</b>	<b>\$ 9,862,990</b>

See attached assessment role for information regarding 2022 assessments rates.

**SOURCE OF ADDITIONAL INFORMATION**

For additional information, contact the Project Engineer, Barb Mundahl, at 266-6112.

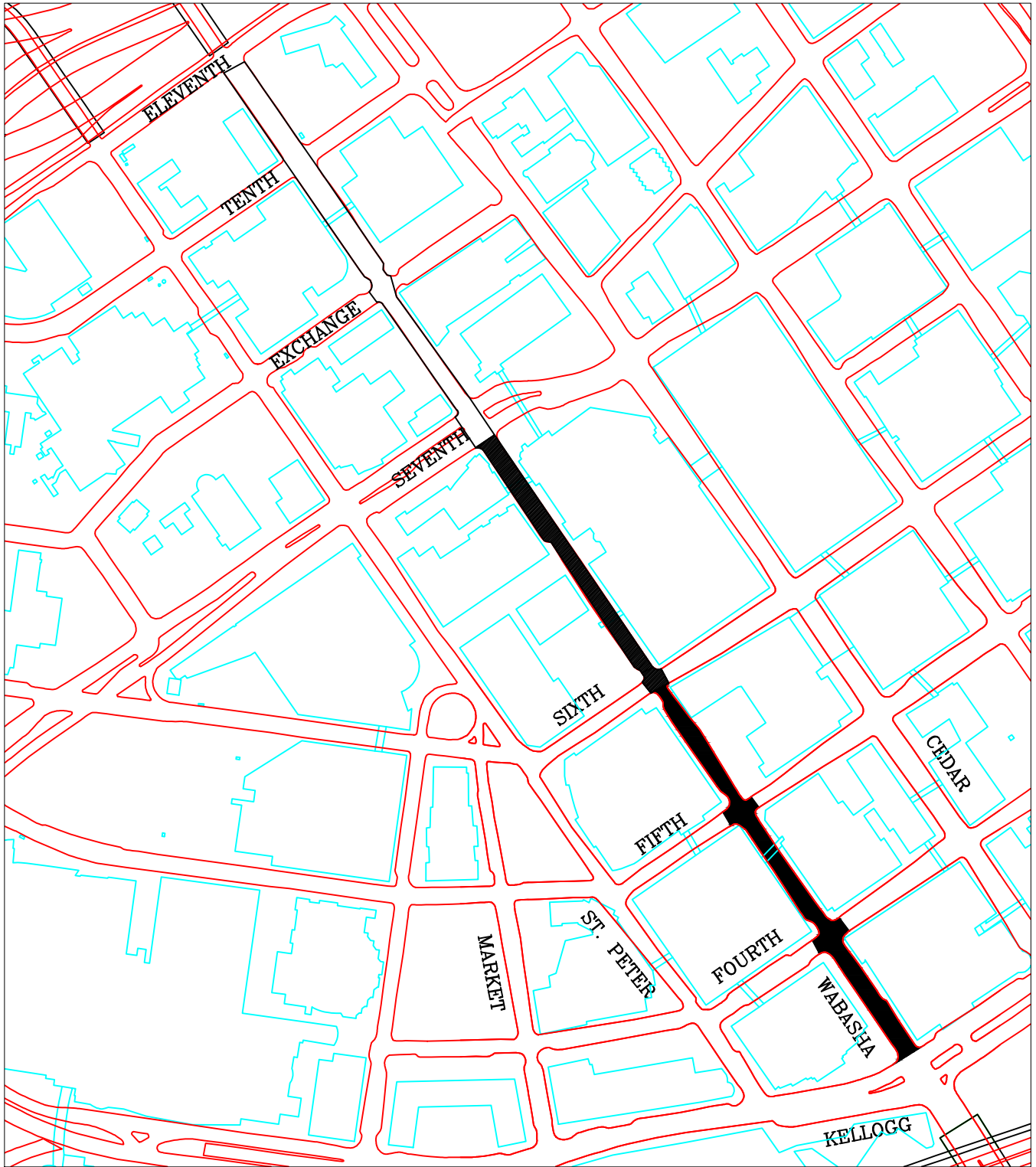
**SUMMARY AND RECOMMENDATION**

The Department of Public Works has ranked this a high priority project and the Engineering Recommendation is for approval of the project and financing.

Respectfully submitted,



Barbara Mundahl  
Public Works



# WABASHA STREET RECONSTRUCTION



CONSTRUCTION IN 2022



ADDITIONAL FUNDING NEEDED