SUMMARY OF ENGINEERING RECOMMENDATIONS
Jackson Street: 11th Street to University

Report Prepared 2-27-17
Public Hearing 4-05-17

PROJECT

This project is to reconstruct Jackson Street from 11th Street to University Avenue (Project No. 17-P-1431).

Reconstruction of the segment described above will include new bituminous surfaced street, concrete curb and gutter, globe and bent straw street lights, new signals and signage, asphalt bikeway, concrete sidewalks, landscaping, trees.

EXISTING CONDITIONS

Jackson Street was last reconstructed in 1962. Existing roadway is approximately 74 feet. The street lighting system is globe and bent straw.

The current average Pavement Condition Index (PCI) for Jackson Street ranges from 24 to 46 (on a scale of 100).

PROPOSED IMPROVEMENTS

It is proposed to improve the above described street with the construction of new bituminous surfaced street with concrete curb and gutter, concrete driveway aprons, new sidewalk as needed, boulevard landscaping, and trees where possible. In addition, appropriate storm and sanitary sewer repairs will be made, replacement of the existing water main, lead water services in the right of way will be replaced, and sanitary sewer service repairs will be made at the request of property owners. The street lighting system will be updated to the standard City of Saint Paul globe and bent straw.

As part of the project design process, attempts will be made to meet the stormwater management requirements of the watershed district by building infiltration features into the project. Any of the various features allow the stormwater to infiltrate instead of being directed into the stormwater sewer system.

As part of this project, special attention will be paid to bringing the existing pedestrian ramps up to current ADA standards and City design standards.

Public art will be included in the project, following the procedures developed for the project. Funding for public art is 1% of eligible project funds, as determined by the Office of Financial Services per the City's Public Art Ordinance.

Roadway width 54 feet
Bikeway width 10 feet

ALTERNATES
To do nothing would be inconsistent with the City's commitment to improve existing streets along with bicycle and pedestrian movement.

POSITIVE BENEFITS
General improvement of the public right of way will enhance and add quality to the downtown area. Added bike facilities will increase the bike-ability of St. Paul. Improved and enhanced sidewalks will improve walkability downtown. The newly rebuilt roadway will improve the durability and drivability of the street, reduce maintenance issues, and continue the City's efforts to improve the transportation system in Saint Paul. Globe and bent straw style lighting will enhance downtown safety and esthetics.

ADVERSE EFFECTS
Normal problems associated with construction such as noise, dust, altered access to buildings, and general disruption will be present while the work is being done.

EFFECTS ON TREES
Trees will be removed as part of this project. New trees will be planted where possible following the City's master tree planting plan.

TIME SCHEDULE
The project will begin construction in the spring of 2017 and be completed by the fall of 2017. There will be further restrictions on lane closures and traffic control.

COST ESTIMATE

Construction	$ 5,025,888
Engineering	$ 1,675,000
TOTAL	**$ 6,700,888**

ESTIMATED FINANCING

SIB	$ 4,063,000
Federal Funds	$ 2,637,888
TOTAL	**$ 6,700,888**

The 2017 assessment rate is $467.53 for paving and $71.28 for street lighting per assessable foot. The rate for paving includes new sidewalk reconstruction where needed or required.

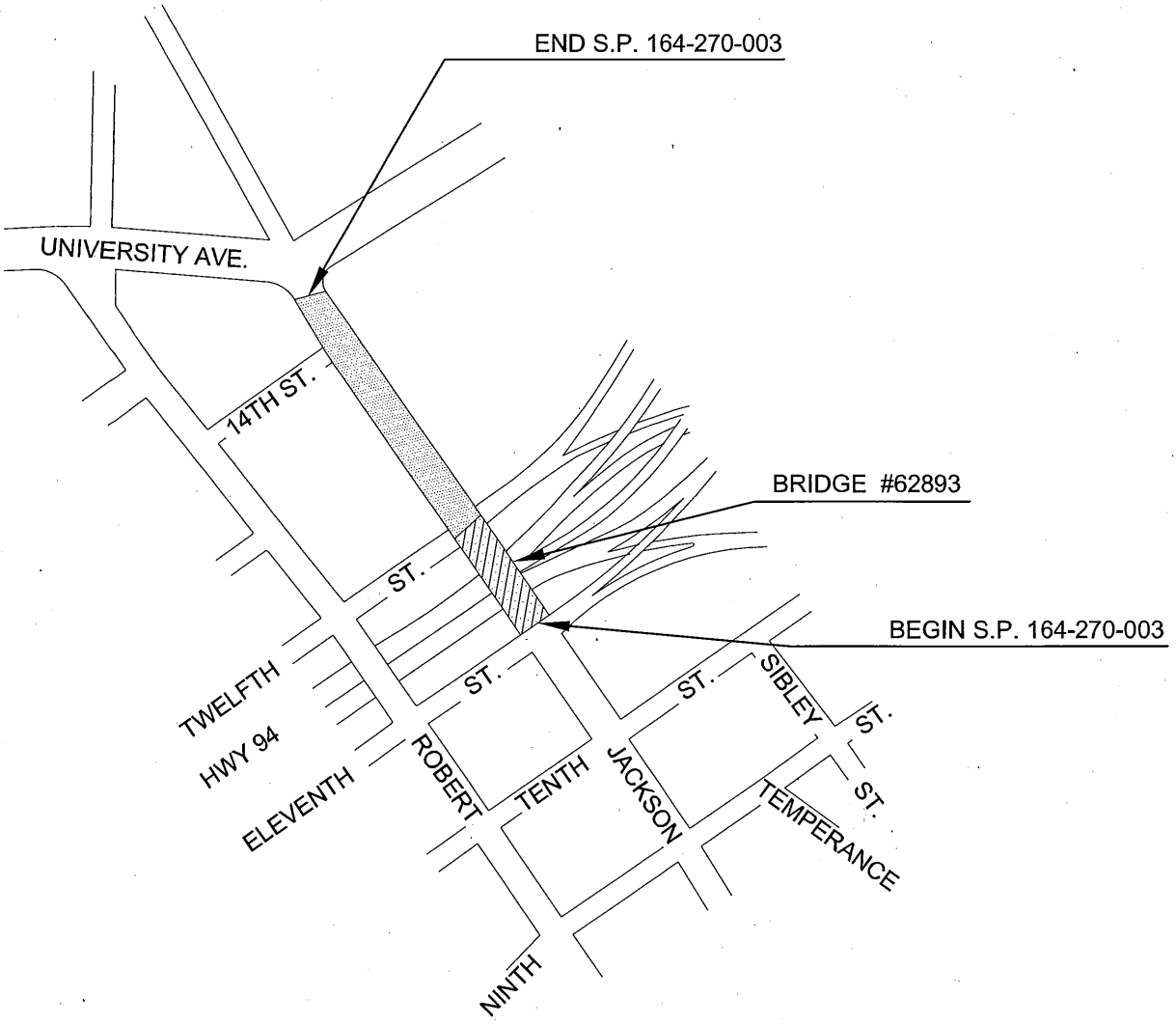
SOURCE OF ADDITIONAL INFORMATION
For additional information, contact Project Engineer Kevin Nelson, 651-266-6236.

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

Respectfully submitted,

Kevin Nelson
Public Works

JACKSON STREET LOCATION MAP



TOWNSHIP 29; RANGE 23