SUMMARY OF ENGINEERING RECOMMENDATIONS
2017 Saint Paul Streets Project

Report Prepared 2-27-2017
Public Hearing 4-05-2017

PROGRAM

This project will improve the area referred to as the **Idaho-Atlantic Saint Paul Streets Program (SPS)** project. See the attached project area map.

Improvements to be made as part of the project include constructing new bituminous surfaced streets with concrete curb and gutter, concrete driveway aprons and outwalks, and boulevards landscaped with sod and trees. The existing wood pole lights will be replaced with a new lantern style street lighting system. In addition, appropriate storm and sanitary sewer main repairs will be made, 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.

As part of this project, the existing pedestrian ramps will be brought up to current ADA standards, with 2 separate ramps in line with the sidewalks in both directions where possible and with a truncated dome surface.

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

EXISTING CONDITIONS

Most of the streets in the project area are oiled. The street widths vary, generally between 30' and 32'. Most of the streets in the project area have wood pole street lighting.

PROPOSED IMPROVEMENTS

It is proposed to improve the following streets with the construction of new bituminous surfaced streets with concrete curb and gutter, concrete driveway aprons and outwalks, and boulevards landscaped with sod and trees. In addition, appropriate storm and sanitary sewer main repairs will be made, 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 ornamental lanterns. The segment of Idaho Avenue between English and East Shore Drive will be constructed to be consistent with future plans for a bike boulevard on Idaho. In addition, appropriate sanitary sewer repairs will be made, and storm sewer and sanitary sewer connections will be made at the request of property owners. Existing water main and services will be replaced where necessary.

IDAHO-ATLANTIC

Duluth Street between Nebraska Avenue and Larpenteur – 32' wide
Brighton Street between East Shore Drive and Duluth Street – 30' wide
Idaho Street between East Shore Drive and English Street – 32' wide
Atlantic Street between Hoyt Avenue and Larpenteur – 32' wide
Chamber Street between Hoyt Avenue and Larpenteur – 32' wide

ALTERNATES
To do nothing would be inconsistent with the City's commitment to improve existing streets, whether they are oiled or older paved.

POSITIVE BENEFITS
General improvement of the public right of way will enhance and add quality to the neighborhood. The newly rebuilt roadways will improve the durability and drivability of the streets, reduce maintenance issues, and continue the City's efforts to improve the transportation system in Saint Paul. Lantern style lighting will enhance neighborhood safety and esthetics.

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

EFFECTS ON TREES
SPS project area street widths will be selected to minimize the impact on trees. 148 Ash trees will be removed as part of the Parks and Recreation Structured Removal program. New trees will be planted as part of the boulevard restoration, following the City's master tree planting plan.

TIME SCHEDULE
The project will begin construction in the summer of 2017 and be completed by the fall of 2017. There will be further restrictions on the amount of time work is done on individual segments of streets.

COST ESTIMATE

Construction	$ 4,500,000
Engineering	$ 1,500,000
TOTAL	**$ 6,000,000**

ESTIMATED FINANCING

Street Improvement Bonds	$ 5,275,000
SPRWS	$ 425,000
Major Sewer Repairs	$ 300,000
TOTAL	**$ 6,000,000**

The 2017 SPS assessment rate for residential asphalt street paving is $102.08 per assessable foot.
The 2017 SPS assessment rate for street lighting is $18.07 per assessable foot.

SOURCE OF ADDITIONAL INFORMATION
For additional information, contact Project Engineer Barb Mundahl, 651-266-6112.

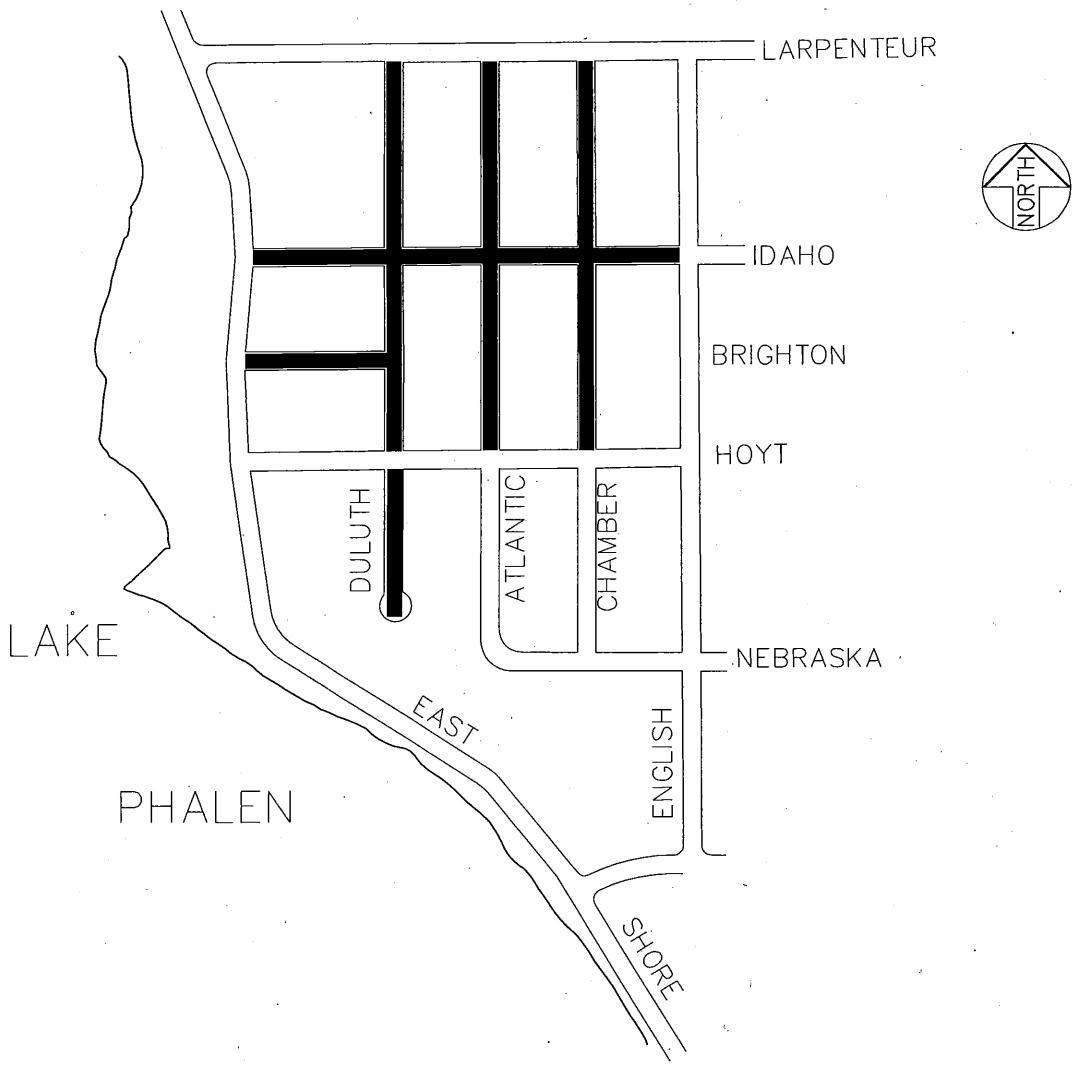
SUMMARY AND RECOMMENDATION
The Department of Public Works feels that this is a necessary and worthwhile project, and the Engineering Recommendation is for approval of the project and financing.

Respectfully submitted,

Barbara Mundahl

Barb Mundahl
Public Works

City of Saint Paul
Department of Public Works
Street Engineering and Construction Division



= STREETS TO RECONSTRUCTED IN 2017

2017
IDAHO/ATLANTIC RSVP
17-P-8164

Project Area 26

10/19/15