

SUMMARY OF ENGINEERING RECOMMENDATIONS

Ford Parkway : 350' West of Howell to Snelling

Report Prepared – 1-15-15

Public Hearing – 3-4-15

PROGRAM

This project is to improve Ford Parkway from 350' west of Howell to Snelling. This is a Ramsey County project and will be designed by them and they will perform the construction administration. The majority of the project is also funded by Ramsey County.

Improvements to be made as part of the projects include constructing new bituminous surfaced street with concrete curb and gutter, concrete driveway aprons and outwalks, and boulevards landscaped with sod and trees. The existing lantern lights will be replaced with new lantern style street lighting system as part of the project. New traffic signals will be constructed at Fairview and Snelling. 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.

Also as part of the project, special attention will be paid to bringing the existing pedestrian ramps up to current ADA standards, with 2 separate ramps in line with the sidewalk in both directions, and with a truncated dome surface.

EXISTING CONDITIONS

Ford Parkway is an older paved street. The street is 56' wide. The street surface is generally in poor condition. The old concrete curb is deteriorated and missing in areas. The existing pedestrian ramps do not meet current ADA standards. The signal systems at Fairview and Snelling are old and in need of replacement. This segment of Ford Parkway has lantern style street lighting however the spacing and style do not meet our current standards.

PROPOSED IMPROVEMENTS

It is proposed to improve Ford Parkway 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 systems will be updated to the standard City of Saint Paul ornamental lanterns. New signal systems will be built at Fairview and Snelling.

New curb may be hand formed to avoid damaging boulevard trees or their roots. Tree trimming may be necessary to facilitate construction. The proposed street will vary from 54' to 72'. An 8' median will be installed where possible.

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

ALTERNATES

To do nothing would be inconsistent with the City's commitment to improve an existing older paved street.

POSITIVE BENEFITS

General improvement of the public right of way will enhance and add quality to the neighborhood. 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. Lantern style lighting will enhance neighborhood safety and esthetics. New ADA pedestrian ramps at the corners will improve access.

The majority of this project is funded by Ramsey County. The property owners will only be assessed for the cities portion of the paving and lighting.

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

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 spring of 2015 and be completed by the fall of 2015.

COST ESTIMATE

Construction	\$ 3,370,427
Engineering	\$ 842,607
TOTAL	\$ 4,213,034

ESTIMATED FINANCING

Ramsey County	\$ 3,294,473
Assessments (Paving and Lighting)	\$ 284,084
Saint Paul Sewer	\$ 217,684
Saint Paul Signals	\$ 30,017
SPRWS	\$ 386,776
TOTAL	\$ 4,213,034

The 2015 assessment rate for street paving is expected to be approximately \$9.00 per ASSESSABLE FOOT and street lighting is expected to be approximately \$35.50 per ASSESSABLE FOOT.

SOURCE OF ADDITIONAL INFORMATION

For additional information, contact the Project Engineer Dan Haak, 651-266-6084.

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,

Dan Haak
Public Works