

SUMMARY OF ENGINEERING RECOMMENDATIONS  
**Randolph Avenue: Brimhall to Syndicate**

Report Prepared 1-12-15  
Public Hearing 3-4-15

**PROGRAM**

This project is to improve Randolph Avenue from Brimhall to Syndicate. 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 wood pole lights will be replaced with new lantern style street lighting systems as part of the project. New traffic signals will be constructed at Hamline and Albert. 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**

Randolph Avenue is an older paved street. The street is 40' wide. The street surface is generally in fair to poor condition. The old concrete curb is deteriorated and missing in areas. This segment of Randolph Avenue has wood pole street lighting and the existing pedestrian ramps do not meet current ADA standards. The signal systems at Hamline and Albert are old and in need of replacement.

**PROPOSED IMPROVEMENTS**

It is proposed to improve Ford Parkway with the construction of new bituminous surfaced street 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 Hamline and Albert.

The proposed street width is 40'. New curb may be hand formed to avoid damaging boulevard trees or their roots. Tree trimming may be necessary to facilitate construction.

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 street lighting. The Cities portion of the signal systems will be funded by MSA.

**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	\$ 3,000,000
Engineering	\$ 779,000
<b>TOTAL</b>	<b>\$ 3,779,000</b>

**ESTIMATED FINANCING**

Ramsey County	\$ 3,041,635
Assessments (Paving and Lighting)	\$ 252,390
SPRWS	\$ 117,139
Saint Paul Sewer	\$ 250,791
Saint Paul MSA (Signals)	\$ 117,045
<b>TOTAL</b>	<b>\$ 3,779,000</b>

The 2015 assessment rate for street paving is expected to be approximately \$24.00 per ASSESSABLE FOOT and street lighting is expected to be approximately \$26.00 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