

## SUMMARY OF ENGINEERING RECOMMENDATIONS Cleveland Avenue: Como Avenue to Larpenteur Ave

Report Prepared 2-3-2022  
Public Hearing 4-13-2022

### **PROGRAM**

This project is to improve Cleveland Avenue from Como Avenue to Larpenteur Avenue. 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. The only special assessments will be for private sanitary sewer service repairs or replacements requested by property owners.

Improvements to be made as part of the project includes constructing new bituminous surfaced street with concrete curb and gutter, concrete driveway aprons and outwalks, and boulevards landscaped with sod and trees. The existing street lights will be replaced with new lantern style street lighting systems as part of the project. New traffic signals will be constructed at the intersections with Buford Avenue and Larpenteur Avenue. 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 two separate ramps in line with the sidewalks in both directions, and with a truncated dome surface. Concrete sidewalks along Cleveland will be replaced and widened where necessary.

In addition, Accessible Pedestrian Signals and Pedestrian Ramps will be constructed at the intersections of Como Avenue, Buford Avenue, and Larpenteur Avenue.

### **EXISTING CONDITIONS**

Cleveland Avenue is an older paved street. The street is 32' wide. The street surface is generally in fair to poor condition. The old concrete curb is deteriorated and missing in areas. This segment of Cleveland Avenue has outdated street lighting and the existing pedestrian ramps do not meet current ADA standards. The signal systems at Buford Avenue and Larpenteur Avenue are old and in need of replacement.

### **PROPOSED IMPROVEMENTS**

It is proposed to improve the aforementioned street with the construction of a new bituminous surface, 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 Buford Avenue and Larpenteur Avenue.

The roadway will be constructed 34' wide. The cross section will feature one travel lane in each direction, bike lanes, and an off-street shared-use trail. 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 in each area. 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 aesthetics. New ADA pedestrian ramps at the corners will improve access.

**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 2022 and be completed by the fall of 2023.

**COST ESTIMATE**

|                 |                        |
|-----------------|------------------------|
| Construction    | \$ 7,352,110.60        |
| Engineering     | \$ TBD                 |
| Real Estate Fee | \$ TBD                 |
| <b>TOTAL</b>    | <b>\$ 7,352,110.60</b> |

**ESTIMATED FINANCING**

|                        |                        |
|------------------------|------------------------|
| Ramsey County          | \$ 5,046,237.10        |
| City of Falcon Heights | \$ 604,602.50          |
| City of Saint Paul     | \$ 672,272.00          |
| Assessments            | \$ \$87,594.00         |
| SPRWS                  | \$ 941,405.00          |
| <b>TOTAL</b>           | <b>\$ 7,352,110.60</b> |

The 2022 assessment rate for replacement of private sewer services is anticipated to be \$1,700 for excavation and \$33 per linear foot.

**SOURCE OF ADDITIONAL INFORMATION**

For additional information, contact the Project Engineer Reuben Collins, 651-266-6059.

**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,

Reuben Collins  
Public Works