

SUMMARY OF ENGINEERING RECOMMENDATIONS
Washington Technology Magnet Safe Routes To School Project
City Project No. T-1373
State Project No. 164-591-003

Report Prepared 3/6/2019
Public Hearing 5/1/2019

PROJECT

The project seeks to improve pedestrian access in the neighborhood by completing the sidewalk network on local streets bounded by Farrington Street, W Cottage Avenue, Sylvan Street and Larpenteur Avenue.

EXISTING CONDITIONS

There are gaps in the sidewalk system on Marion Street, Albemarle Street, West Idaho Avenue, West Hoyt Avenue, Galtier Street, and West Cottage Avenue. The local streets in the neighborhood are routes to Washington Technology Magnet School and Community School of Excellence and are designated as important walking routes to these schools in the Washington Technology Safe Route to School Plan. Many of the existing pedestrian ramps do not meet ADA standards.

PROPOSED IMPROVEMENTS

The area needs were identified as part of the Washington Technology Magnet School Area Safe Routes to School plan. The City submitted select elements of the Washington Technology Magnet School Area Safe Routes to School plan for federal funding. The application was selected and the scope approved in the 2016 Metropolitan Council Regional Solicitation Program. Gaps in the existing sidewalk system in the area of Washington Technology Magnet School will be filled. All non-compliant pedestrian ramps will be reconstructed to meet ADA standards. Pedestrian crossing improvements in the form of curb extensions and pavement markings at Matilda Street and Arlington Avenue W, and count down timers at intersections of Rice Street with Nebraska Avenue W and Arlington Avenue W.

No Right of Way acquisition is required for this project.

ALTERNATES

To do nothing would be inconsistent with the City's commitment to provide safer transportation options for all modes. Pedestrians would continue to have access to an insufficient system, distressed sidewalk along busier arterial roadways, and non-ADA-compliant pedestrian ramps.

POSITIVE BENEFITS

General improvements of the public right-of-way will enhance and add quality to the neighborhood. Filling the gaps in the existing sidewalk system and upgrading the pedestrian ramps will improve pedestrian movement and safety. The newly constructed sidewalks will also provide continuity with improvements scheduled for 2019 on Wheelock Parkway and Larpenteur Avenue.

ADVERSE EFFECTS

Common impacts associated with construction such as noise, dust, reduced access to the neighborhood, and general disruption will be present. There are no roadway closures for this project.

EFFECTS ON TREES

This project will impact boulevard trees. Trees impacted by disease or pests will be removed. The project will seek to minimize tree impacts where possible. New trees will be planted as part of boulevard restoration, following the City's master tree planting plan.

TIME SCHEDULE

The project is anticipated to begin in the summer of 2019 and be completed by the fall of 2020.

COST ESTIMATE

Construction	\$ 1,130,000
Engineering	<u>\$ 195,000</u>
PROJECT TOTAL	\$ 1,325,000

ESTIMATED FINANCING

Capital Improvement Bonds	\$ 509,000
Federal STP Funds	<u>\$ 816,000</u>
PROJECT TOTAL	\$ 1,325,000

There are no assessments proposed for this project.

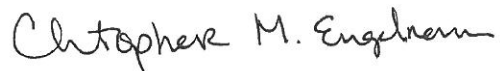
SOURCE OF ADDITIONAL INFORMATION

For additional information, contact the Project Engineer, Chris Engelmann, at 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.

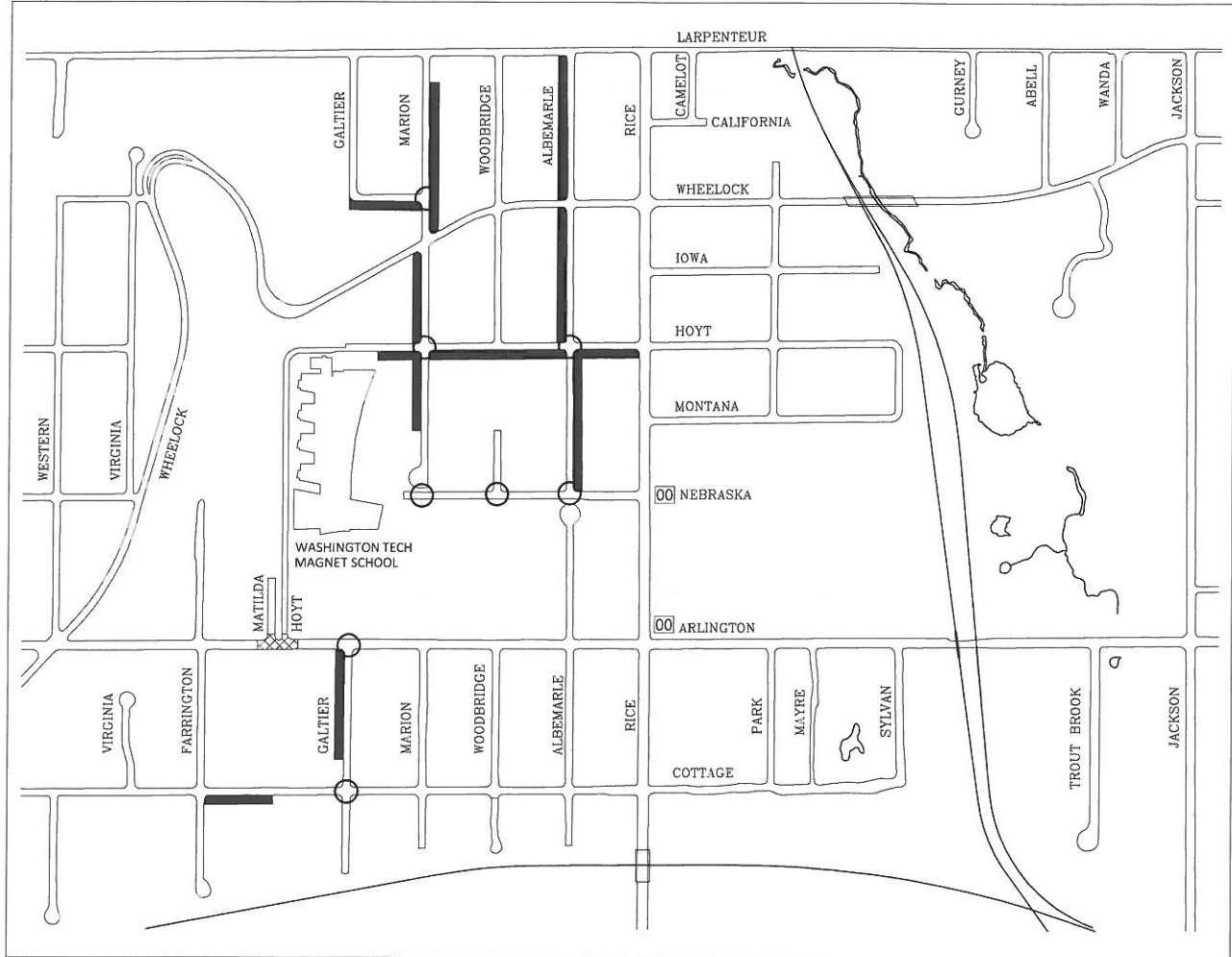
Respectfully submitted,

A handwritten signature in black ink that reads "Christopher M. Engelmann". The script is cursive and fluid, with the first name being the most prominent.

Chris Engelmann
Public Works



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



Proposed Sidewalk Locations:





Galtier - Cottage to Arlington
Marion - Nebraska to Larpenleur
Albemarle - Nebraska to Larpenleur
Hoyt - Marion to Rice
Cottage - Farrington to Galtier

Proposed Crossing Improvement Locations:

Arlington/Matilda/Hoyt Intersection
Countdown Timer @ Rice/Nebraska
Countdown Timer @ Rice/Arlington



LEGEND KEY:

-  PRIMARY SIDEWALK INFILL
-  CROSSING IMPROVEMENT
-  COUNTDOWN TIMER
-  ADA RAMPS

2019-2020

SAFE ROUTE TO SCHOOL PROJECT

L = 5,500 ft.
PROJECT MAP



DESIGNED	CX
DRAWN	CX
APPROVED	CME

PREPARED BY STREET ENGINEERING DIVISION FOR THE CITY OF ST. PAUL, DEPARTMENT OF PUBLIC WORKS

WASHINGTON TECH SRTS

PROJECT: 19-T-1373
STATE AID 164-591-003
PROJECT NUMBER:
DATE: 2/15/2019

