

SUMMARY OF ENGINEERING RECOMMENDATIONS
2020 Saint Paul Streets Project

Report Prepared – 11/20/19
Public Hearing – 4/15/2020

PROGRAM

The project seeks to improve **Tedesco Street from West of Otsego Street to Payne Avenue** by reconstructing the pavement, add on street bicycle lanes, and improving the existing pedestrian facilities.

Improvements to be made as part of the project include constructing new bituminous surfaced streets with concrete curb and gutter, concrete driveway aprons and boulevards landscaped with sod and trees. Damaged sidewalks will be replaced as necessary. Sidewalks will be added where appropriate. The existing street lights will be replaced with lantern style lights as part of the project. In addition, new watermain will be installed, appropriate sanitary sewer repairs will be made, and storm and sanitary sewer reconnections will be made at the request of property owners.

EXISTING CONDITIONS

Tedesco Street was originally constructed in 1969. It was partially reconstructed in 1983. The current Pavement Condition Index (PCI) is 25 (on a scale of 100). The existing roadway width on Tedesco Street between Otsego Street and Burr Avenue is 42' and widens to 53' at Payne Avenue.

The street lighting on Tedesco Street is a mix of bent straw light poles and davit arms on wood poles.

PROPOSED IMPROVEMENTS

It is proposed to improve Tedesco Street from west of Otsego Street to Payne Avenue with the construction on a new bituminous surface street with concrete curb and gutter, on street bicycle lanes, City of Saint Paul standard light system, concrete driveway aprons, and boulevards landscaped with sod and trees. Mainline sidewalk will be reconstructed where appropriate.

In addition, appropriate storm and sanitary sewer repairs will be made, and sanitary sewer connections will be made at the request of property owners. Existing water main will be replaced where necessary.

The project includes an existing traffic signal system at the intersection of Tedesco

Street and Burr Street is under evaluation for inclusion in the project reconstruction.

The proposed roadway will be 44' wide from west of Otsego Street to Burr Street including two 6' bicycle lanes, two 11' travel lanes, and a 10' center lane. The center lane will be used for a raised median/pedestrian refuge and left turn lanes. The roadway will widen east of Burr Street to add a parking lane and provide an appropriate lane configuration as Tedesco Street ends at Payne Avenue. Concrete sidewalks are present and will be repaired to match the existing width.

As part of this project, special attention will be paid to bringing the existing pedestrian ramps up to current ADA standards and City design standards.

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

ALTERNATES

To do nothing would not fulfill the neighborhood's desire for a calmer, more cohesive and safer environment for all modes.

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. The light system will enhance neighborhood safety and esthetics. The upgrades to the sidewalks and addition of on street bicycle lanes will improve pedestrian and bicycle safety and movement, and provide continuity with the existing and future bicycle connections.

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

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 where there is sufficient space as part of the boulevard restoration following the City's master tree planting plan.

TIME SCHEDULE

The project is anticipated to begin in the spring of 2020 and completed in the fall of 2020.

COST ESTIMATE

Construction	\$ 3,234,600
Engineering	\$ <u>800,000</u>
PROJECT TOTAL	\$ 4,034,600

ESTIMATED FINANCING

Saint Paul Regional Water Services (SPRWS)	\$ 435,000
Major Sewer Repairs	\$ 550,000
Municipal State Aid	\$ 1,020,000
Federal Grant (roadway modernization)	\$ <u>2,029,600</u>
PROJECT TOTAL	\$ 4,034,600

The 2020 assessment rates for asphalt street paving are divided into four property classifications as follows:

- Single Family Residential - \$72.72 per assessable foot
- Multi-Family Residential - \$140.40 per assessable foot
- Other – Institutional/Religious/Educ - \$140.40 per assessable foot
- Vacant – Public/Unbuildable - \$140.40

The rate for paving includes sidewalk infill where appropriate

SOURCE OF ADDITIONAL INFORMATION

For additional information, contact the Project Engineer, Chris Engelmann, at 266-6084.

SUMMARY AND RECOMMENDATION

The Department of Public Works has ranked this a high priority project and the Engineering Recommendation is for approval of the project and financing.

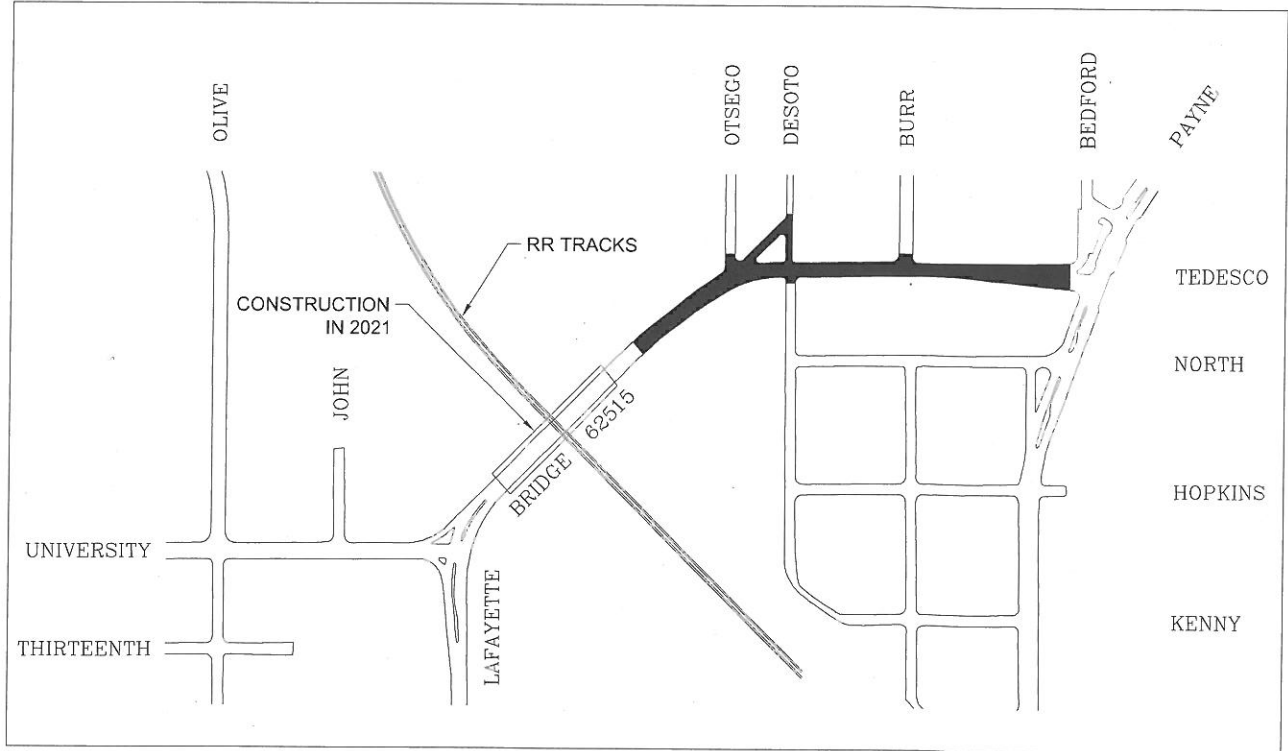
Respectfully submitted,

Christopher M. Engelmann

Christopher M. Engelmann
Public Works



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



2020

TEDESCO STREET RECONSTRUCTION

CONSTRUCTION IN 2020

L = 1300 ft.
 W = 36-50 ft.
 PROJECT MAP

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DESIGNED	CX
DRAWN	CX
APPROVED	CME

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

TEDESCO STREET

PROJECT: 20-P-1447
 STATE AID 164-113-023
 PROJECT NUMBER:
 DATE: 2/28/2019

