

2019 Street & Utility Reconstruction Project

Public Hearing
February 19, 2019



SHAKOPEE | MN

COMMUNITY PRIDE SINCE 1857

City of Shakopee | 485 Gorman St., Shakopee MN 55379 | 952-233-9300 | www.ShakopeeMN.gov

Capital Improvement Program

- City Initiated Program
- Reconstruct Aging Public Streets and Utilities
- CIF19-003 2019 Street & Utility Reconstruction

2019 thru 2023

Capital Improvement Plan
City of Shakopee, Minnesota

Project # CIF-19-003
Project Name 2019 Street and Utility Reconstruction

Accounting Code Fund Capital Improvement Fund

Description Street, sanitary sewer, storm sewer and watermain reconstruction: Scott Street from Levee Drive to 2nd Avenue and 4th Avenue to 6th Avenue, Arwood Street from Levee Drive to 1st Avenue, Fuller Street from Levee Drive to 1st Avenue, Levee Drive, from Scott Street to Holmes Street, Minnesota Street cul-de-sac south of 4th Avenue and 7th Avenue from Spences to Sommerville. Also included is the vacation of unneeded Levee Drive right-of-way and alley right-of-way (south of Levee Drive between Scott and Arwood Streets).

Justification This project continues with the rehabilitation of the City's infrastructure in the older sections of the Community.

Department Capital Improvements Fund
Contact Public Works Director
Type Improvement
Useful Life 30
Category Street Reconstruction
Priority 1 Critical for Safety/Preservat
Status Active
Total Project Cost: \$2,300,000

	2019	2020	2021	2022	2023	Total
Expenditures						
Construction/Maintenance	2,000,000					2,000,000
Engineering/Administration	300,000					300,000
Total	2,300,000					2,300,000

	2019	2020	2021	2022	2023	Total
Funding Sources						
Capital Improvement Fund	1,092,000					1,092,000
Cost Sharing, SPUC	300,000					300,000
Sanitary Sewer Fund	90,000					90,000
Special Assessments	468,000					468,000
Storm Drainage Fund	350,000					350,000
Total	2,300,000					2,300,000

PROJECT LOCATION



Proposed Project Location Map



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Existing Conditions

- Streets were built between 1980 and 1988.
- Scott Street from 4th Avenue to 5th Avenue is 57 feet wide and 44 feet wide from 5th Avenue to 6th Avenue. 7th Avenue from Sommerville Street to Spencer Street is 45 feet wide. Minnesota Street to the south end of the cul-de-sac is 37 feet wide.
- Concrete curb and gutter and storm sewer for drainage.
- Original concrete sidewalk along Scott from 4th to 5th, Minnesota Street and 7th Avenue.



- Severe cracking, areas of patching, crown problems and curb and gutter deficiencies. Pavement deteriorated and requires more than normal maintenance.
- Scott Street has polyvinyl chloride pipe (PVC) from 4th Avenue to 5th Avenue and no sanitary sewer main from 5th Avenue to 6th Avenue. Houses along this block are served by long services to 6th Avenue. Sanitary Sewer main on 7th Avenue is vitrified clay pipe (VCP). Minnesota Street has ductile iron pipe (DIP) sanitary sewer.
- Sanitary Sewer services have been failing throughout the project area.
- There is no water main on Scott Street from 4th Avenue to 5th Avenue, and 6-inch CIP pipe between 5th and 6th Avenue. There is no water main along 7th Avenue, interior lots are served by long services to Spencer Street. Watermain along Minnesota Street is DIP pipe.



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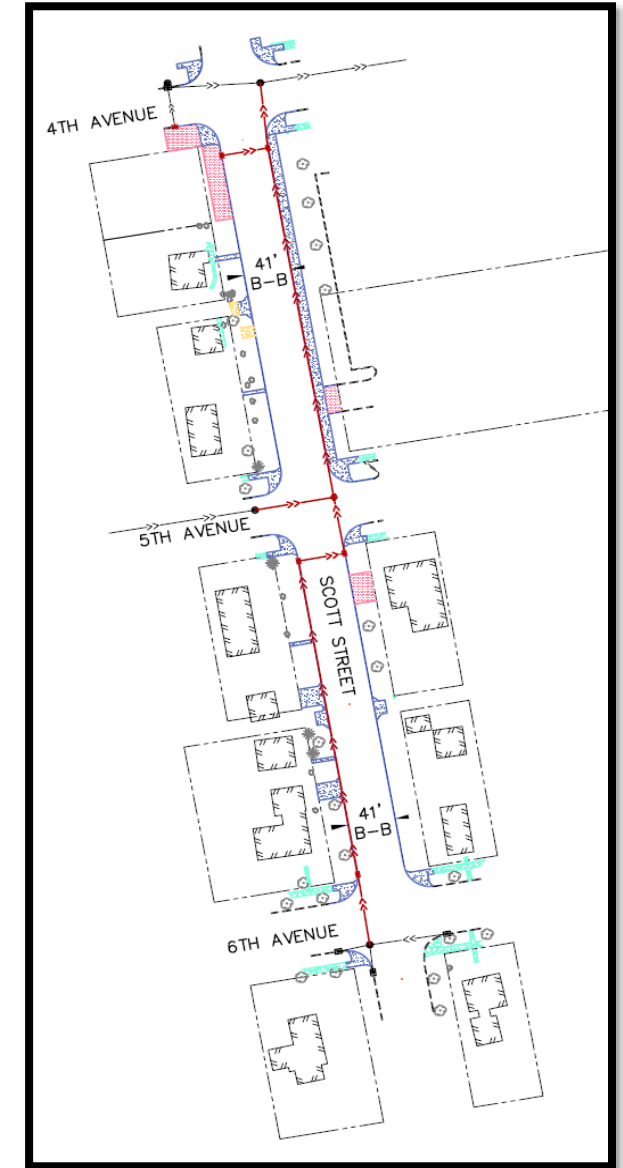
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Proposed Street, Storm Sewer, and Sidewalk Improvements

Scott Street

- Reconstruct streets to 41' wide and 9 ton design.
- Reconstruct sidewalk along east side of Scott Street between 4th Avenue and 5th Avenue.
- Upgrade all deficient pedestrian curb ramps to meet ADA compliance.
- Replace existing drainage structures and add additional to improve drainage.



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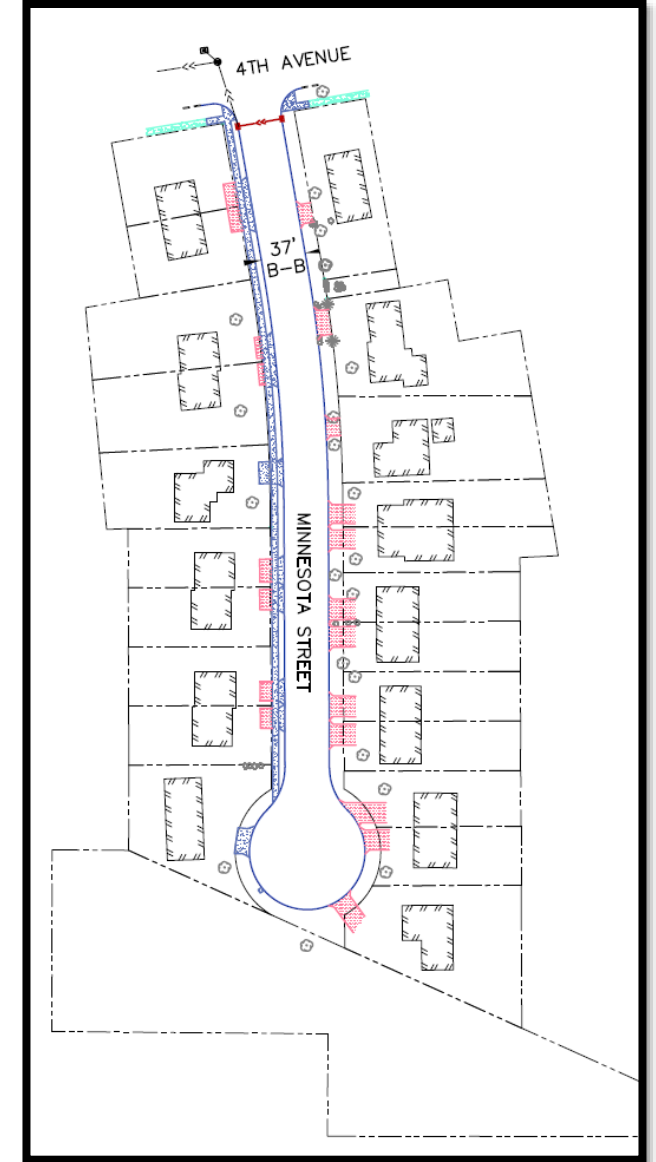
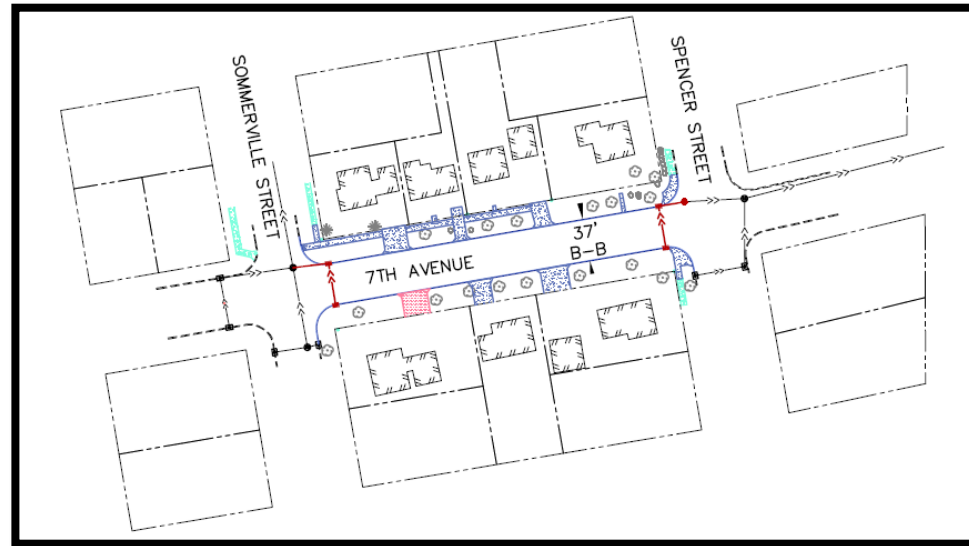
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Proposed Street, Storm Sewer, and Sidewalk Improvements

7th Avenue and Minnesota Street

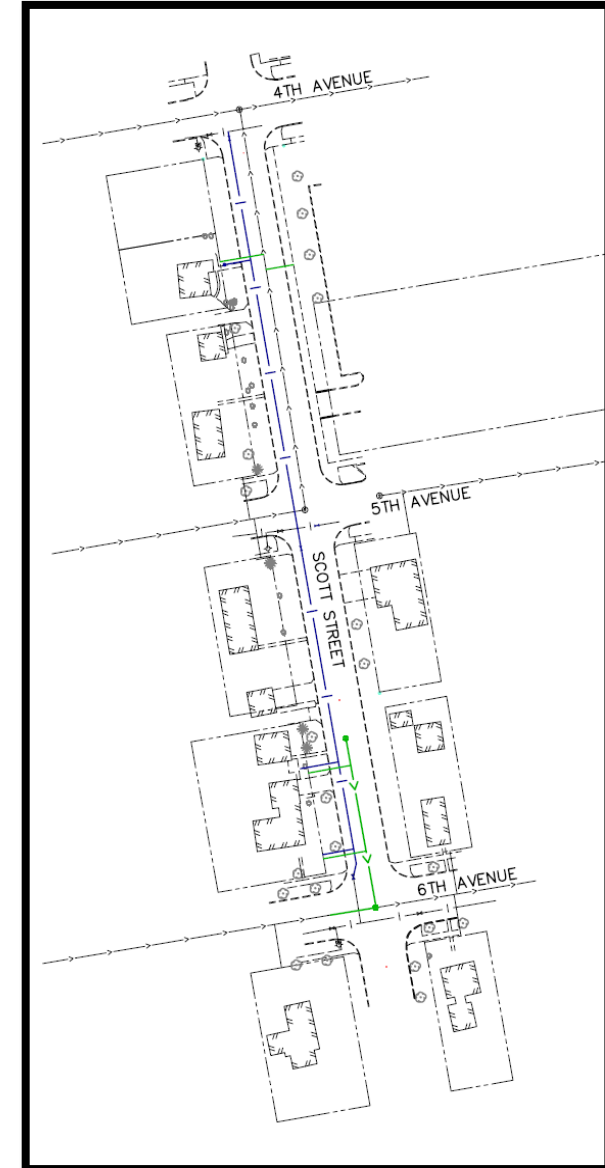
- Reconstruct streets to 37' wide and 9 ton design.
- Reconstruct sidewalk along west side of Minnesota Street and the north side of 7th Avenue.
- Upgrade all deficient pedestrian curb ramps to meet ADA compliance.
- Replace existing drainage structures and add additional to improve drainage.



Proposed Sanitary Sewer and Water Main Improvements

Scott Street

- Extend new sanitary sewer main 165 feet from 6th Avenue south towards 5th Avenue with 8" PVC pipe.
- Reconstruct sewer services with 4" or 6" PVC pipe to the property line.
- Extend new 8" DIP water main pipe between 4th Avenue and 5th Avenue. Reconstruct existing water main between 5th Avenue and 6th Avenue.
- Reconstruct water services to curb stop with 1" copper pipe.



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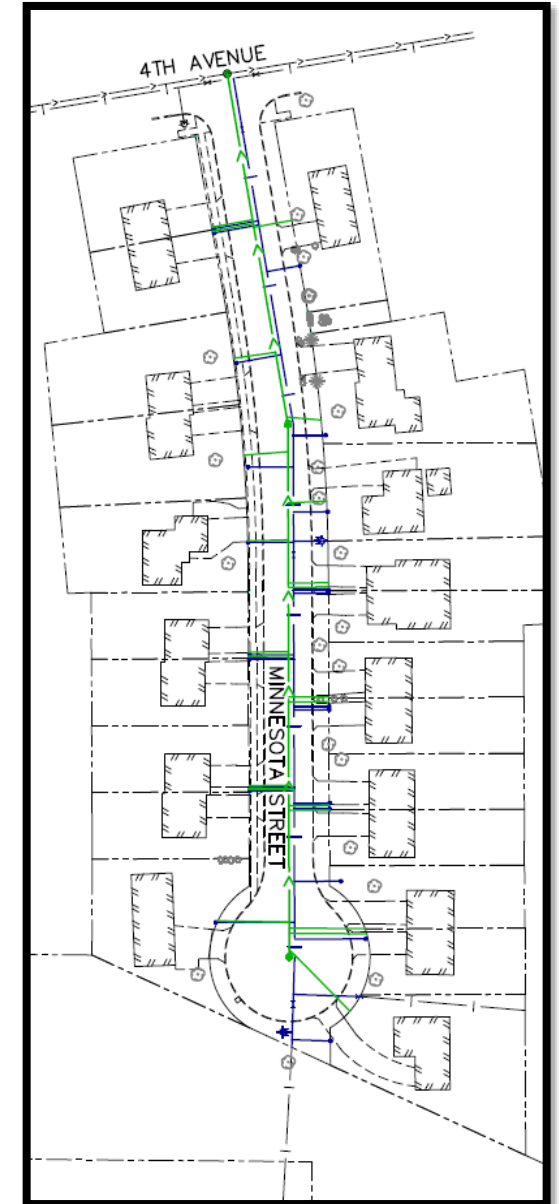
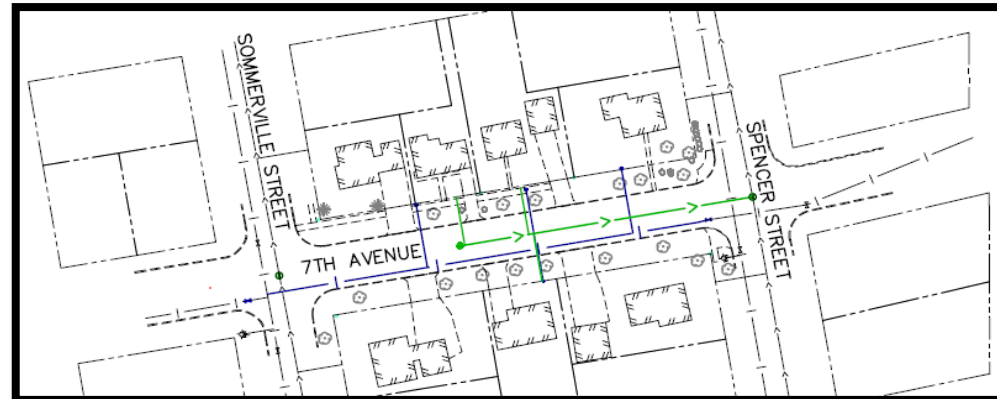
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Proposed Sanitary Sewer and Water Main Improvement

7th Avenue and Minnesota Street

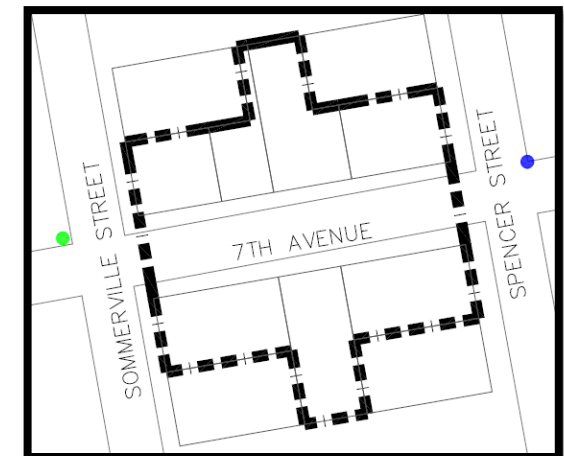
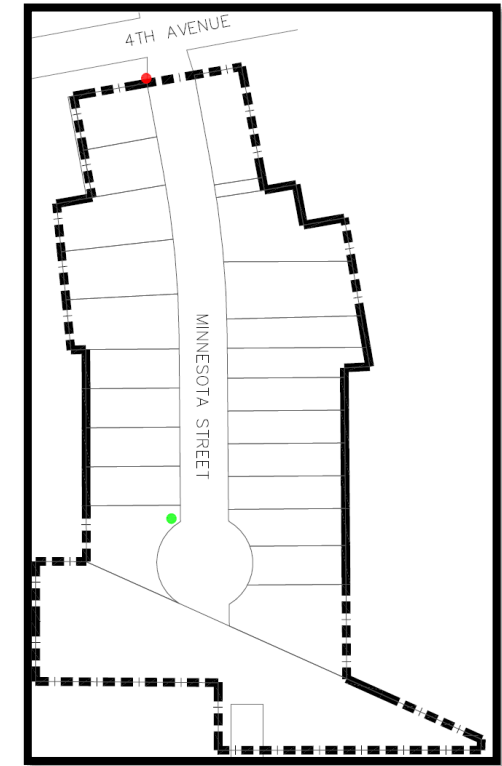
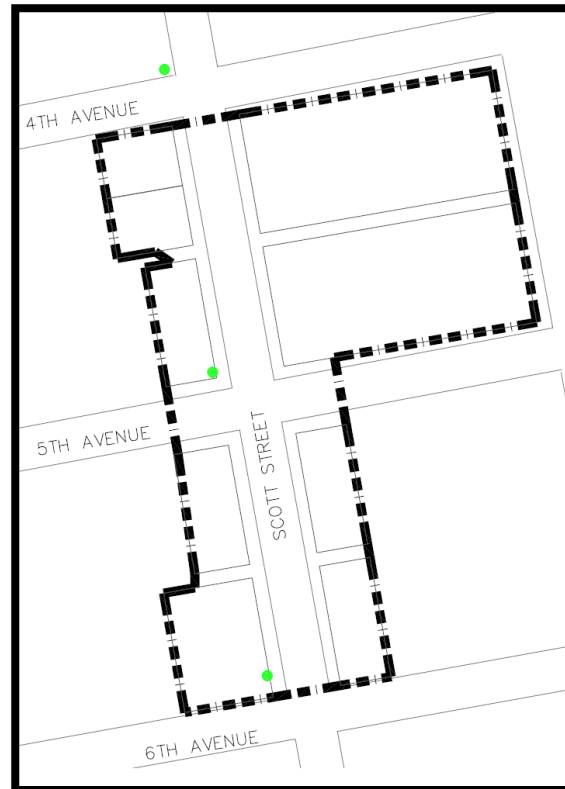
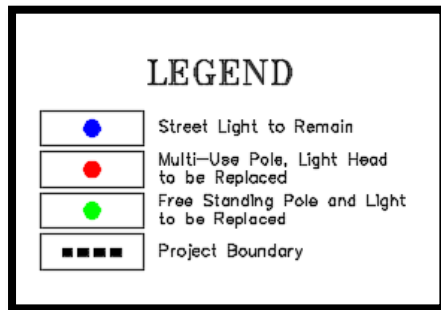
- Reconstruct existing sanitary sewer main along 7th Avenue with 8" PVC pipe. The feasibility report includes budget for reconstruction of sanitary sewer main along Minnesota Street with 8" PVC pipe. Staff is currently evaluating the existing condition of the sewer main and services and may remove this portion of pipe reconstruction if it is not warranted.
- Reconstruct sewer services with 4" or 6" PVC pipe to the property line.
- Extend new water main with 8" DIP pipe on 7th Avenue. The feasibility report includes budget for reconstruction of water main along Minnesota Street with 8" DIP pipe. Staff is currently evaluating the existing condition of the water main and may remove this portion of pipe reconstruction if it is not warranted.
- Reconstruct water services to curb stop with 1" copper pipe.



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Street Lighting

- Replace free standing wood pole with a fiberglass pole, cut-off type LED light fixtures and underground power service
- Replace street lights mounted on multi-use transmission poles with LED fixtures



Project Inconveniences

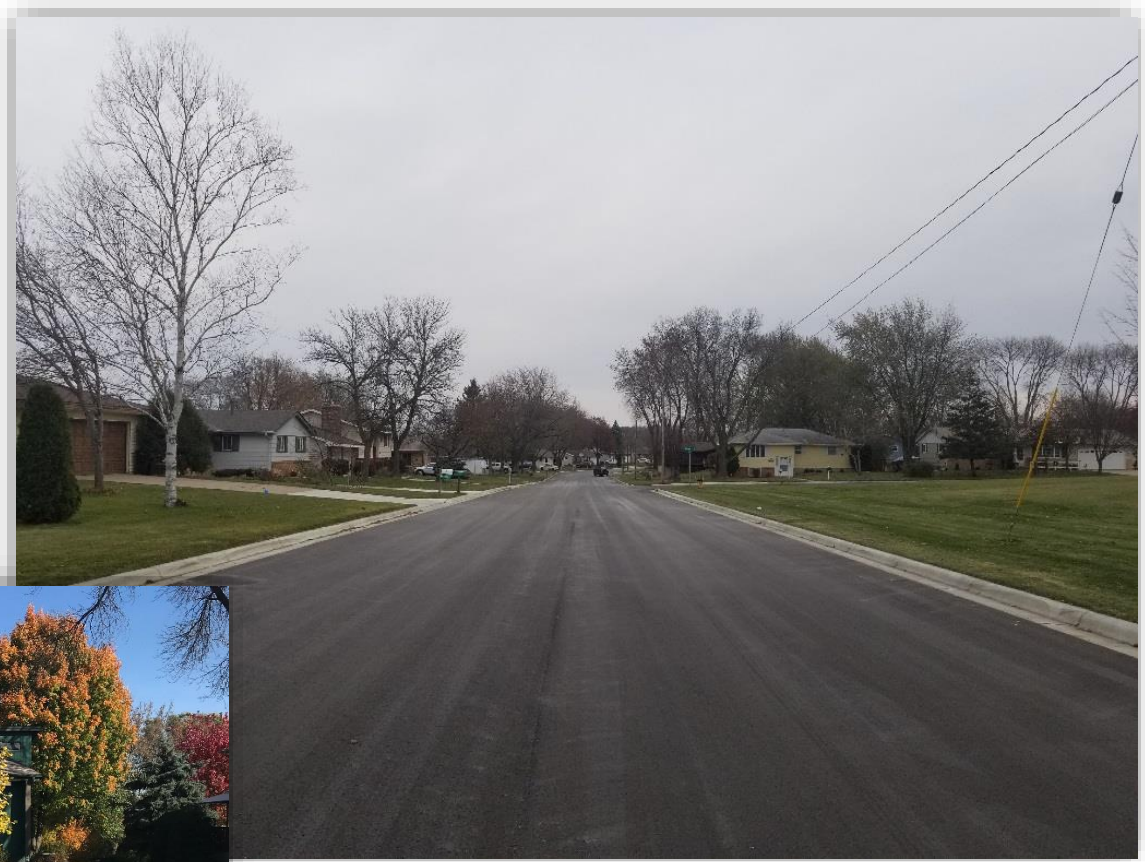


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Restoration

- Driveways that are disturbed due to the street construction will be replaced with similar materials
- Disturbed boulevards will be restored with topsoil and sod
- Tree replacement on 1:1 ratio in the fall



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Proposed Apportionment

Assessments	\$ 123,000
CIF	\$ 696,000
Storm Sewer Fund	\$ 156,000
Shakopee Public Utilities	\$ 259,000
Sanitary Sewer Fund	\$ 163,000
Total Project Cost	\$ 1,397,000

Note: This is a council initiated project that requires supermajority vote to proceed.



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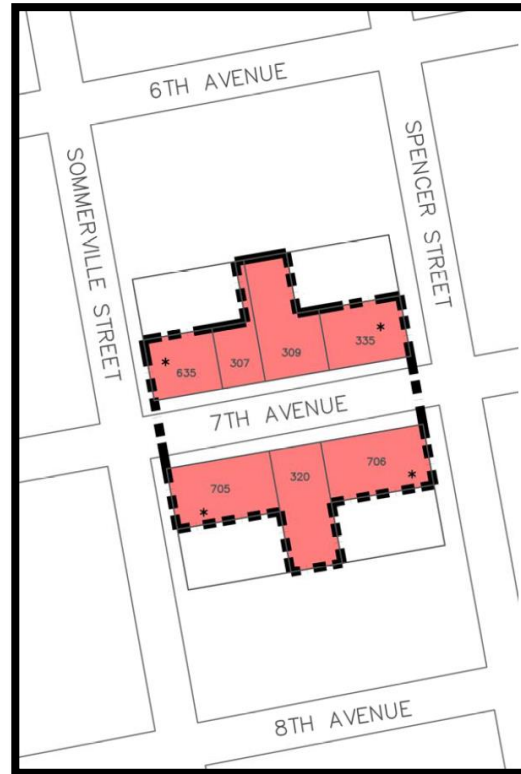
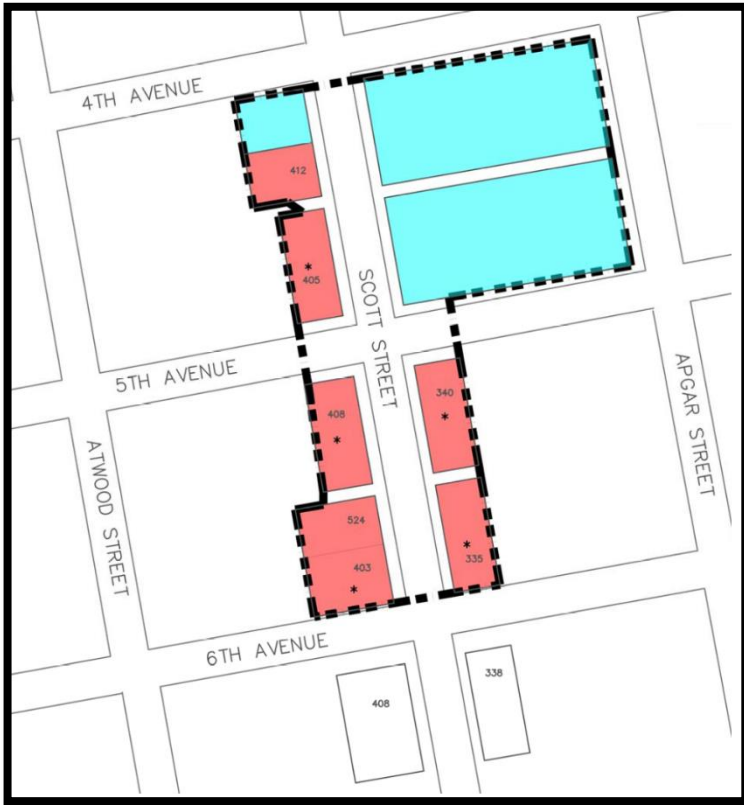
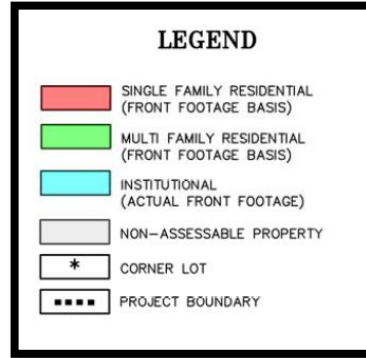
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Assessment Method

30% of the assessable street improvements and street lighting will be used to determine assessment rate

- Single Family Residential Lots will be assessed based on a typical 60 foot front footage.
 - front footage of lot (60' basis) x cost per foot of assessable street = assessment rate
 - corner lot adjustments made (half assessment per side of corner lot)
- Multi-Family Residential Lots will be assessed at a rate of one-half of a single family lot per multi-family unit.
 - corner lot adjustments made (half assessment per side of corner lot)
- Institutional uses will be assessed on a front footage basis.
 - front footage of lot x cost per foot of assessable street = assessment rate

Assessment Map



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Preliminary Project Schedule

City Council Receives Feasibility Report, Calls for Public Hearing	January 22, 2019
City Council Holds Public Hearing, Authorizes the Project and Orders Preparation of Plans and Specifications	February 19, 2019
City Council Approves Plans and Specs, Authorizes Advertisement for Bids	March 5, 2019
City Receives and Opens Project Bids	April 2019
City Council Considers Award of Contract	April 2019
Start Project Construction	May 2019
Construction Substantially Complete	October 2019
City Council Declares Cost to be Assessed, Calls for Public Hearing	October 2019
Hold Assessment Public Hearing	November 2019



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