

Watertown City Council

Date: February 12, 2019

Agenda Item: 2019 Mill & Overlay**Request for Action: Adopt Resolution #2019-26, Approving Plans and Specifications, Authorization to Bid****Department: Engineering****Background:****2019 Mill and Overlay Project**

On November 27, 2018, the City Council authorized the preparation of plans and specifications for the 2019 Mill & Overlay project which includes Newton Ave. At the January 22, 2019 the Council directed staff to include widening of Newton Ave six feet on the west side from the north end of Kings Highland Park to approximately 200 feet north of Aragon Dr. to provide an eight-foot shoulder for pedestrians/bicyclists and 11' northbound and southbound thru lanes. The 2019 Mill & Overlay project also includes casting adjustment work in the planned 2020 mill and overlay area. This area includes portions of Hope Ave, White St, Grove Ave, Madison St, Pettit St, and Stevens St all of which are south of County Road 10 and west of Newton Ave

The mill & overlay improvements will fix any pavement settlements that may have occurred over the years from utility trenches or around catch basins, manholes, or gate valves. This is also the opportunity to repair any seriously damaged or settled curb that could affect drainage and replace manhole and adjusting rings to help minimize inflow and infiltration into the City sanitary sewer system.

In the 2019 Capital Improvement Plan, the City has budgeted at total of \$335,131 to the mill and overlay program of which \$298,000 is from the Capital Improvements Fund as project CI#030 and \$37,131 is from the Utilities Capital Fund as project #UC015. At the January 22, 2019 the Council directed that an additional \$20,000 worth of work be included to construct the six-foot widening on the west side vs. widening three feet on either side of the roadway for a total project budget of \$355,131. Sufficient cash on hand exists within the Capital Investment Fund to absorb the additional work.

The \$355,131 project budget includes the mill & overlay of Newton Ave along with widening of roadway approximately six feet on the west side from the north end of Kings Highland Park to approximately 200 feet north of Aragon Dr to provide additional walking space for pedestrians. The mill & overlay of Newton Ave is estimated at \$200,000 and the widening of Newton Ave for pedestrian improvements is estimated at \$138,000.

An Engineer's Estimate has been prepared for the project and the total project is estimated at \$346,500. This is slightly under the \$355,131 total that was budgeted. This estimate is for total project cost including an estimated 10% of the construction costs for engineering and inspection for this type of project.

If approved, the project would be advertised and opening of bids would occur on March 18, 2019 at 2:00 PM and the project could be awarded at the April 9, 2019 Council Meeting.

Staff is recommending approval of the plans and specifications and authorization to bid for the 2019 Mill and Overlay Project.

Financing Source

Utilities Capital Fund>Project #UC015

Capital Investment Fund>Project #UC030

Attachments:

Resolution #2019-26, Approving Plans & Specifications and Authorize Public Bid

2019 Mill & Overlay Overview Figure

2019 Mill & Overlay Plans and Specifications (Covers Only)

2019 Mill & Overlay Engineer's Estimate

**CITY OF WATERTOWN
RESOLUTION NO. 2019-26**

**RESOLUTION APPROVING THE 2019 MILL AND OVERLAY PLANS AND SPECIFICATIONS
AND AUTHORIZES ITS PUBLIC BID**

WHEREAS, the City of Watertown (the “City”) builds and maintains local roadways for the benefit of the public; and

WHEREAS, the City has developed a Pavement Management Program that identifies planned maintenance activities such as crack sealing, seal coating, mill and overlay, and full reconstruction; and

WHEREAS, the City has determined that the 2019 mill and overlay program shall include Newton Avenue South from Territorial Street to city limits, including the widening of 6’ along a portion of the roadway length to accommodate 11’ drive lanes and a 8’ shoulder; and

WHEREAS, the City has determined that a portion of the 2018 mill and overlay program shall include casting adjustments for the planned 2020 mill and overlay program on streets of Petit Ave, Grove Ave, Hope Ave, Madison St SE and Stevens St SE; and

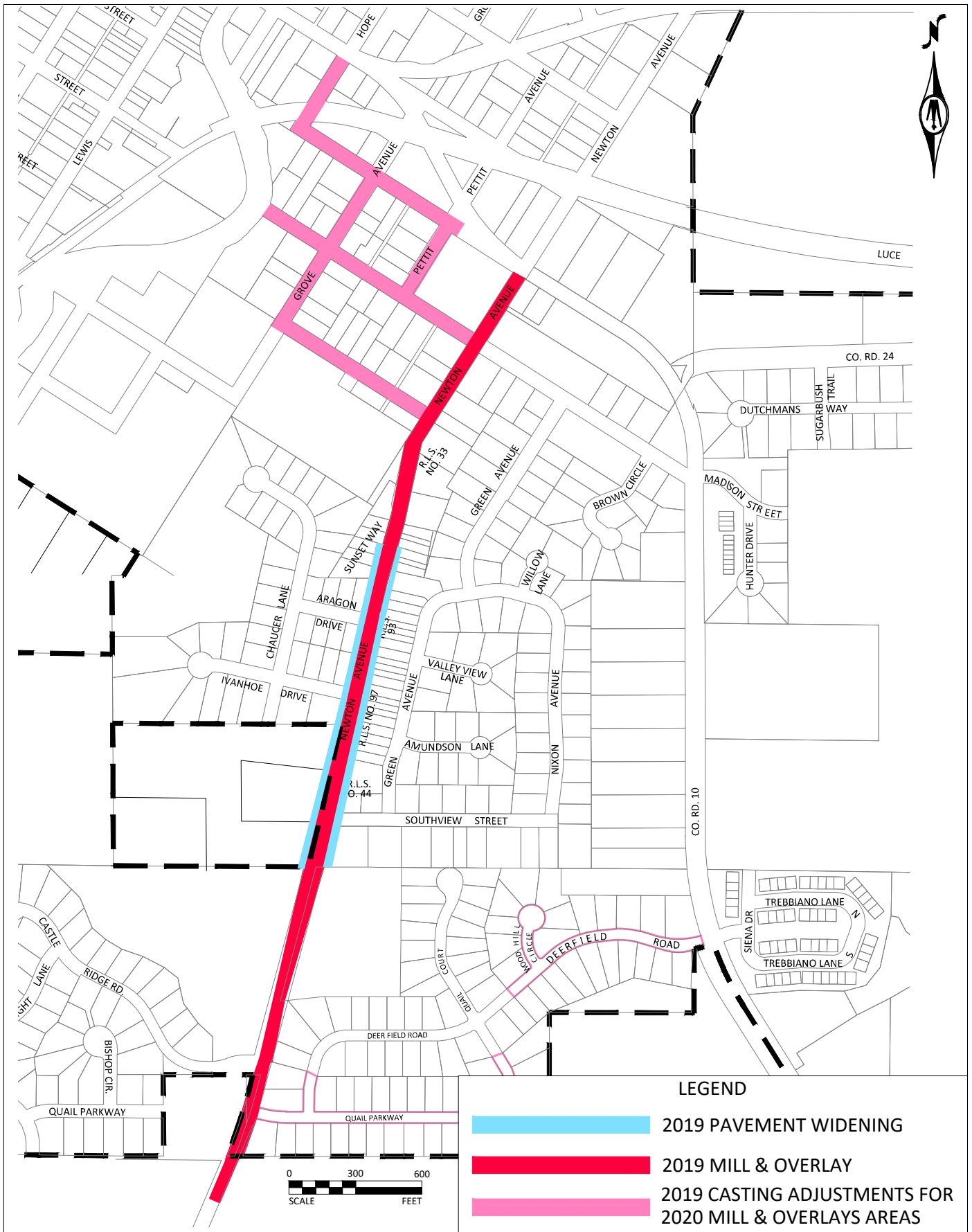
WHEREAS, Plans and Specifications for the 2019 Mill & Overlay project as designed by the City Engineer at an estimate of \$346,500 have been developed; and

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Watertown, Minnesota, hereby approves the attached plans and specifications and authorizes the public bidding for the project.

Adopted by the City Council of the City of Watertown this 12th day of February, 2019.

Steve Washburn, Mayor

ATTEST: _____
Lynn Tschudi, Clerk/Treasurer



LEGEND

- 2019 PAVEMENT WIDENING
- 2019 MILL & OVERLAY
- 2019 CASTING ADJUSTMENTS FOR 2020 MILL & OVERLAYS AREAS



BOLTON & MENK

2638 SHADOW LANE, SUITE 200
 CHASKA, MINNESOTA 55318
 Phone: (952) 448-8838
 Email: Chaska@bolton-menk.com
 www.bolton-menk.com

**CITY OF WATERTOWN
 2019 MILL & OVERLAY**

JANUARY, 2019

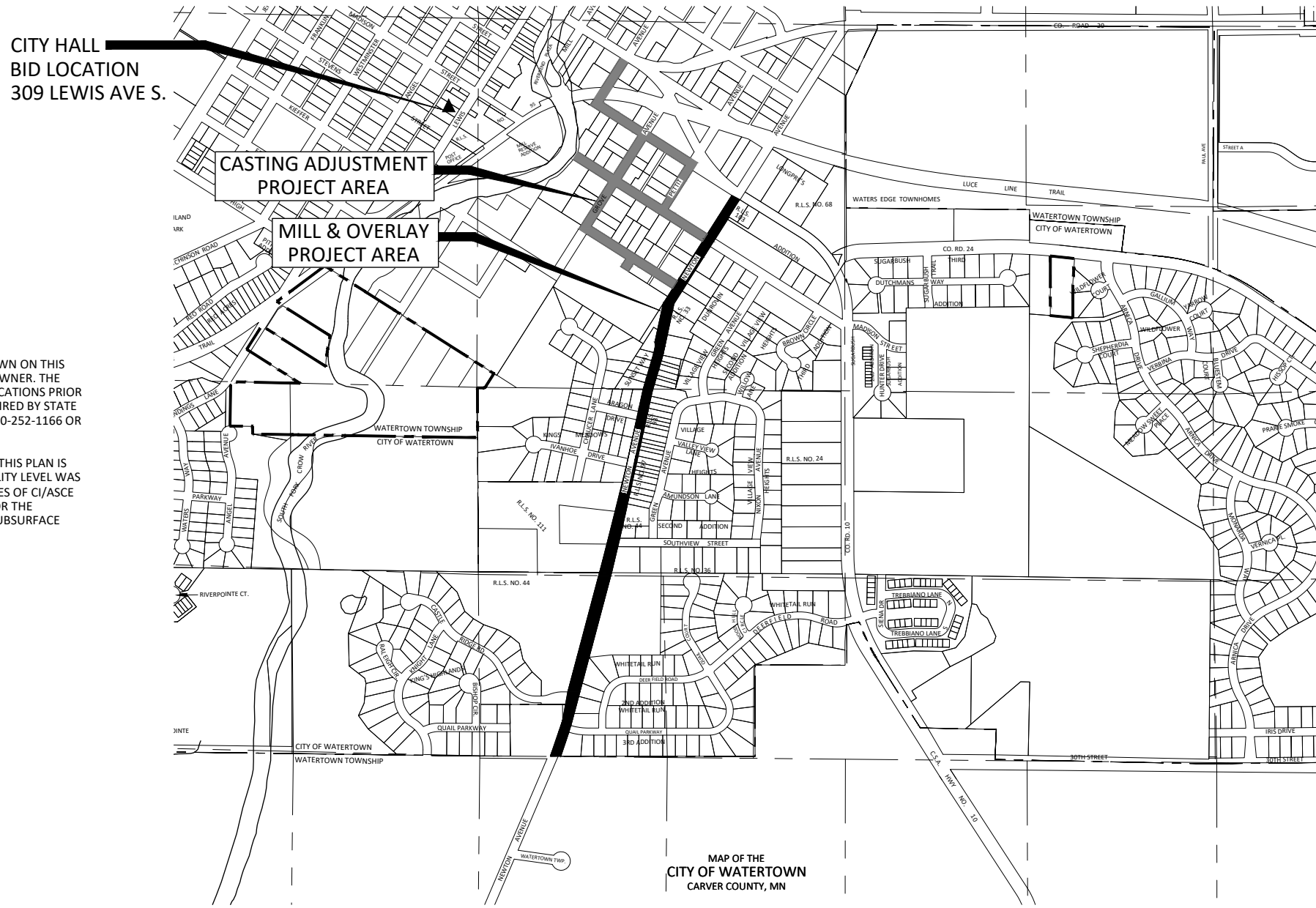
FIGURE NO. 1

CITY OF WATERTOWN

CONSTRUCTION PLANS FOR

2019 MILL & OVERLAY

FEBRUARY 2019



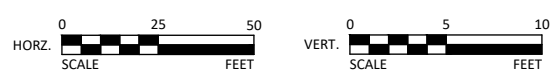
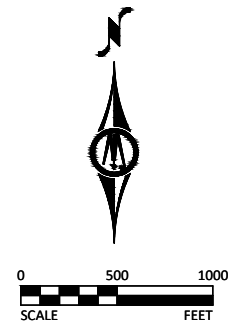
NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL, 1-800-252-1166 OR 651-454-0002.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

SHEET NUMBER	SHEET TITLE
GENERAL	
G0.01 - G0.02	TITLE SHEET, LEGEND
CIVIL	
C1.01 - C1.02	DETAILS
C6.01 - C6.03	MILL & OVERLAY
C6.04 - C6.05	CASTING ADJUSTMENT
C7.01 - C7.03	STRIPING PLAN
C9.01 - C9.05	CROSS SECTIONS
THIS PLAN SET CONTAINS <u>17</u> SHEETS.	

MAP LEGEND

	MILL & OVERLAY PROJECT LIMITS
	CASTING ADJUSTMENT PROJECT LIMITS
	BID LOCATION



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Tom E. Danielson
TOM E. DANIELSON
LIC. NO. 56116 DATE 2/5/2019



2638 SHADOW LANE, SUITE 200
CHASKA, MINNESOTA 55318
Phone: (952) 448-8838
Email: Chaska@bolton-menk.com
www.bolton-menk.com

DESIGNED	NO.	ISSUED FOR	DATE
TED			
DRAWN			
BID			
CHECKED			
ALB			
CLIENT PROJ. NO.	C13.117754		

PLAN REVISIONS		
DATE	SHEET NUMBER	APPROVED BY

RECORD DRAWING INFORMATION	
OBSERVER:	
CONTRACTOR:	
DATE:	

CITY OF WATERTOWN, MINNESOTA
2019 MILL AND OVERLAY
TITLE SHEET

SHEET
G0.01

SECTION 00005 – CERTIFICATION

PROJECT MANUAL

for

2019 Mill & Overlay
City of Watertown
Watertown, MN

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

By:



Tom E. Dahlison
License No. 56116

Date: 2/5/2019