



Real People. Real Solutions.

Neighborhood Informational Meeting 2023 Street & Utility Improvements

July 27, 2022



PLAINVIEW
The perfect place to be you

Introductions

Brian Malm, P.E.
Bolton & Menk, Inc.
City Engineer
Cell: 507-381-7511
brian.malm@bolton-menk.com

Drew Weber, P.E.
Bolton & Menk, Inc.
Project Engineer
Cell: 507-469-0306
drew.weber@bolton-menk.com




Agenda

- Project Area
- Existing Conditions
- Proposed Improvements
- Cost Estimate & Financing
- Schedule & Next Steps
- Questions




Project Selection

- Infrastructure Management Plan – August 2019




BOLTON & MENK
Real People. Real Solutions.

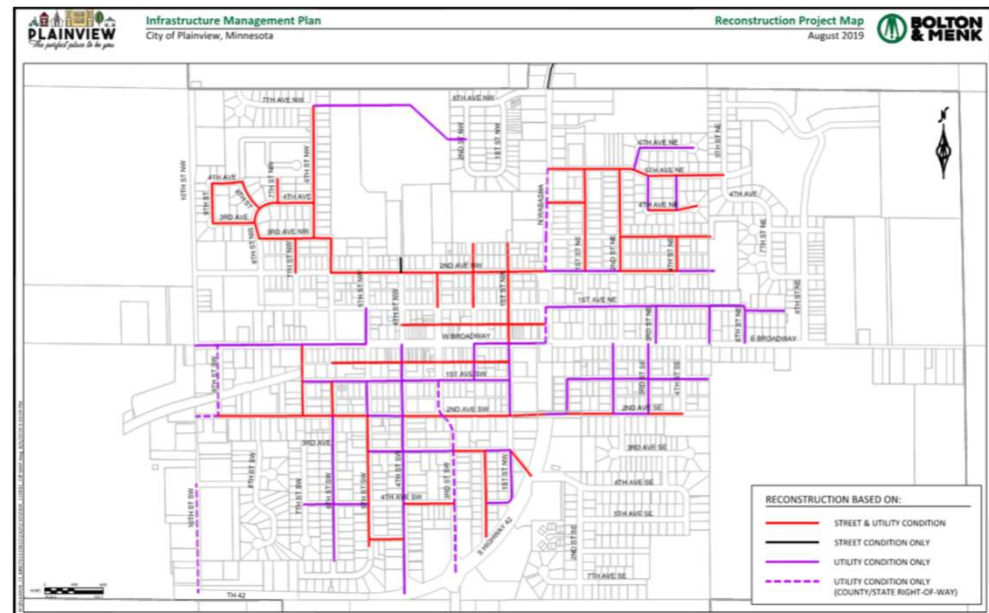


PLAINVIEW
The perfect place to be you

Infrastructure Management Plan
City of Plainview, MN
August 2019

Submitted by:
Bolton & Menk, Inc.
1960 Premier Drive
Mankato, MN 56001
P: 507-625-4171
F: 507-625-4177





Project Location

2023 Street & Utility Improvements
City of Plainview

Figure 1: Project Location
July 2022

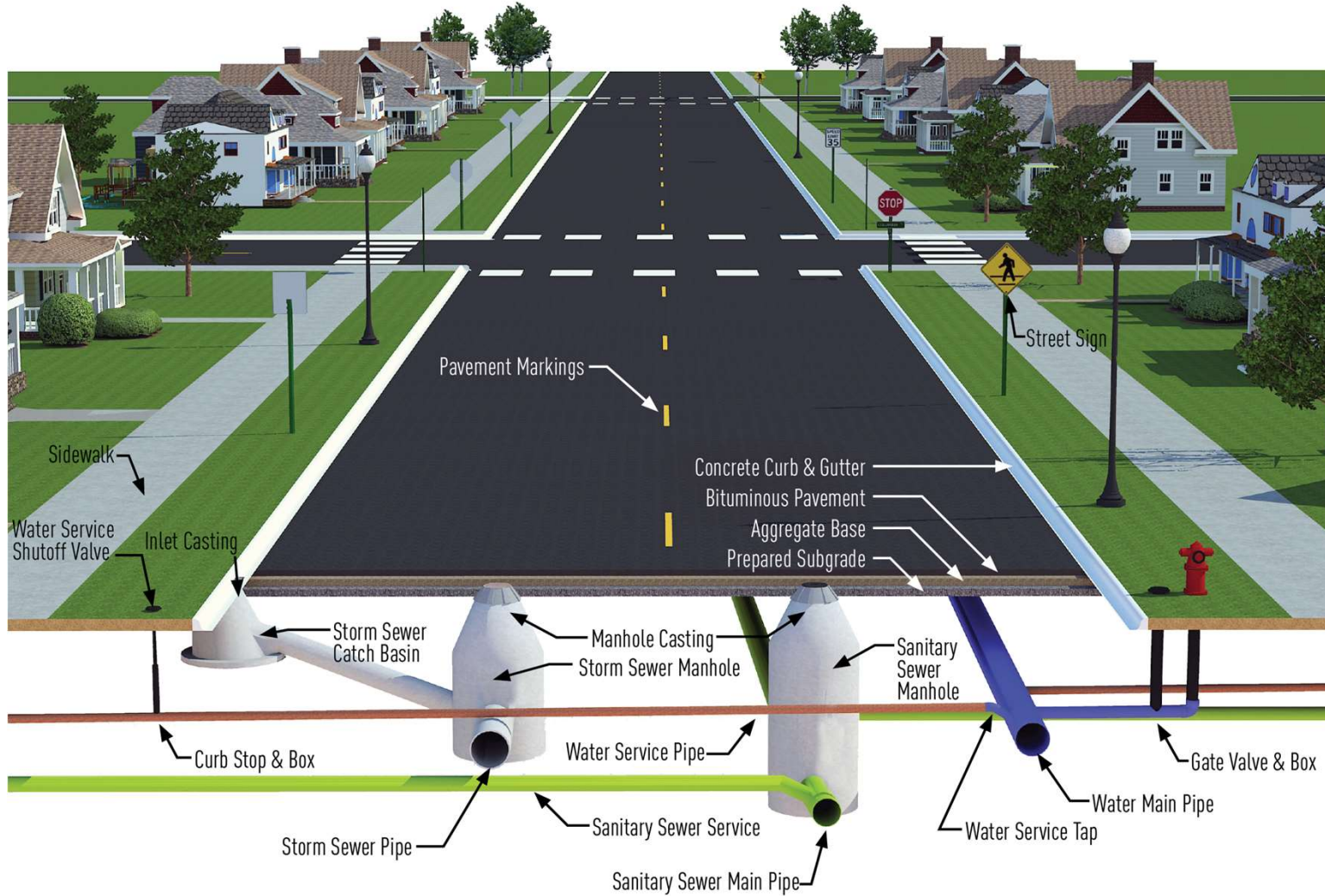


H:\PLAINVIEW_CI_MNO\041127560_CAD\CD01\FGR_PROJECT_LOCATION.dwg 6/27/2022 3:55:25 PM

Xref: \Project Border.dwg



Typical City Street



Existing Conditions Streets

Table 1 – Existing Street Widths		
From	To	Existing Street Width (ft)
CSAH 8	8 th St NW	30'-34'
8 th St NW	6 th St NW	36'
6 th St NW	5 th St NW	38'
5 th St NW	1 st St NW	36'
1 st St NW	TH 42	34-35'

- Asphalt surface – fair to poor condition
- Concrete curb and gutter – fair to poor condition
 - Minimal curb between 10th Street (CSAH 8) & 8th Street
- Fragmented sidewalk
- Steep driveway aprons and boulevards



Existing Conditions: 2nd Ave & 8th Street



Existing Conditions: 2nd Ave & 6th Street



Existing Conditions: 2nd Ave & 2nd Street



Existing Conditions Sanitary Sewer

- Systems are approximately 60 years old
- 8-inch vitrified clay pipe
 - Mineral deposits, offset joints, pipe sags, broken and damaged pipe
- Manholes
 - Poor condition (rings and base)
- Infiltration – increases flows, increases backup and bypass risk, increases pumping costs



Existing Conditions

Watermain

- 10th Street (CSAH 8) to 6th Street
 - 2006: 12-inch ductile iron pipe
- 6th Street to Wabasha Street (TH 42)
 - Approximately 60 years old
 - 4-inch cast iron pipe (CIP)
 - CIP of this age is typically brittle, corroded, susceptible to breaks, and reduced in diameter due to mineral buildup
 - Undersized for fire protection



Existing Conditions

Storm Sewer

- 10th Street (CSAH 8) to 8th Street
 - New Storm Sewer in 2020
 - Drainage discharges West of 10th Street (CSAH 8)
 - Some inlets but limited curb & gutter
- 8th Street to Wabasha Street (TH 42)
 - Existing 12 to 15-inch concrete pipe
 - Drainage discharges to north at 6th Street and between 3rd & 4th Street
 - Catch basins in poor condition



Proposed Improvements: Surface

- 36' bituminous pavement
 - 10' driving lanes & 8' parking lanes
 - Standard residential street width
- Concrete curb & gutter
- Concrete sidewalks & driveway aprons



Proposed Improvements: Sanitary Sewer

- 8 to 10-inch PVC Pipe
- Concrete Manholes
- 6-inch residential service to property line
- Watertight system



Proposed Improvements: Watermain



- 8-inch watermain
- 1-inch residential services to property line with curb stop
- New hydrants and valves



Proposed Improvements: Storm Sewer

- New concrete or plastic pipe
- Additional catch basins
- 6-inch subdrain in street with sump pump services
- 2020 Storm Sewer (CSAH 8)
 - New curb & gutter
 - Adjust castings



Proposed Improvements: Reconstruction

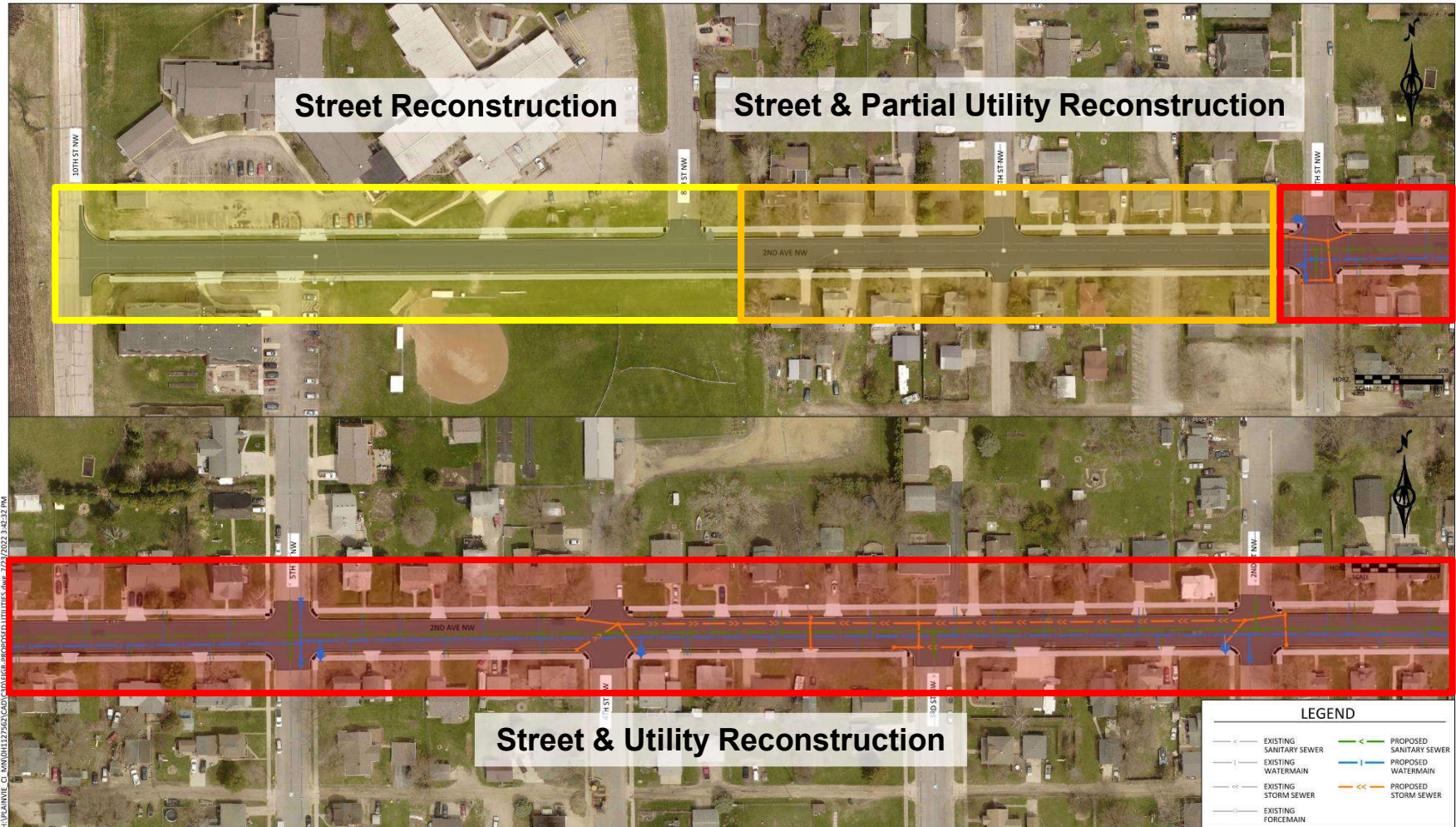
- Street Reconstruction
 - 10th Street (CSAH 8) to 8th Street
- Street & Partial Utility Reconstruction
 - 8th Street to 6th Street
- Street & Utility Reconstruction
 - 6th Street to TH 42



Proposed Improvements

2023 STREET & UTILITY IMPROVEMENTS
CITY OF PLAINVIEW, MN

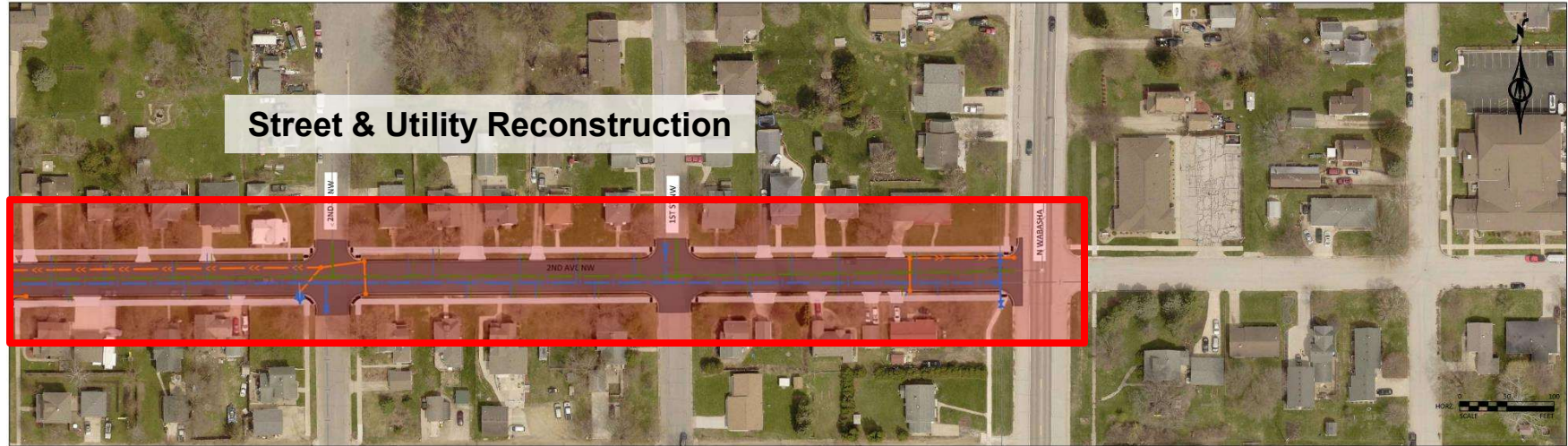
FIGURE 4: PROPOSED UTILITY IMPROVEMENTS
JULY 2022



Proposed Improvements

2023 STREET & UTILITY IMPROVEMENTS
CITY OF PLAINVIEW, MN

FIGURE 5: PROPOSED UTILITY IMPROVEMENTS
JULY 2022



P:\PLAINVIEW_CI_MN\CH1127560\CAD\SDV\FGR-PROPOSED UTILITIES.dwg, 7/23/2022, 3:46:12 PM

LEGEND	
EXISTING SANITARY SEWER	PROPOSED SANITARY SEWER
EXISTING WATERMAIN	PROPOSED WATERMAIN
EXISTING STORM SEWER	PROPOSED STORM SEWER



Other Utilities

- Communications (internet, phone cable)
- Natural Gas
- Electric
- Design to be coordinated with these systems



Estimated Cost & Financing

- Total Project Cost:
 - Planning Level - \$3.6 million
 - Current Estimate - \$4.6 million
 - Increase due to current construction inflation
 - Materials, fuel, and labor
- We understand project will be financed using a bond sale repaid with:
 - Utility Funds
 - Other Funds



Tentative Project Schedule Summary

Table 10 – Tentative Project Schedule	
Council Authorize Preliminary Engineering Report	5/10/2022
Prepare Feasibility Report	Summer 2022
Neighborhood Information Meeting #1	7/27/2022
Resolution Receiving Report	9/13/2022
Resolution Ordering Improvement and Preparation of Plans and Specifications	9/13/2022
Prepare Plans and Specifications	Oct 2022 – Feb 2023
Neighborhood Information Meeting #2 ←	November 2022
Resolution Approving Plans and Specifications and Ordering Advertisement for Bids (Special Meeting)	2/7/2023
Advertise for Bids	2/16/2023
Open Bids	3/8/2023
Resolution Awarding Contract	3/14/2023
Neighborhood Informational Meeting #3 ←	April 2023
Begin Construction	May 2023
Substantial Completion of Construction	October 2023
Final Completion of Construction	June 2024




Construction Process & Project Communication



Project Website

PLAINVIEW *Minnesota* 2023 STREET & UTILITY IMPROVEMENT

HOME MAPS & DOCUMENTS SCHEDULE UPDATES HELPFUL LINKS



Home

Project Overview

The City of Plainview is planning the construction of the 2023 Street & Utility Improvement Project, which will consist of the full reconstruction of street and utility (sanitary sewer, water main, and storm sewer) infrastructure in the following areas:

- 2nd Avenue NW between 10th Street NW (CSAH 8) and North Wabasha Street (TH 42)

Construction is planned for the summer of 2023.

Contact

Brian Malm
City Engineer
Brian.Malm@bolton-menk.com
Mobile: 507-381-7511

<https://clients.bolton-menk.com/plainviewstreets/>



Before You Leave

- Provide name and contact information on sign-in sheet
- More information on specific property impacts will be determined during design phase. We plan to have a second Neighborhood Informational Meeting in November.
- Specific concerns now, let us know.



Questions?

2023 STREET & UTILITY IMPROVEMENTS
CITY OF PLAINVIEW, MN

FIGURE 4: PROPOSED UTILITY IMPROVEMENTS
JULY 2022



Questions?

2023 STREET & UTILITY IMPROVEMENTS
CITY OF PLAINVIEW, MN

FIGURE 5: PROPOSED UTILITY IMPROVEMENTS
JULY 2022



P:\PLAINVIEW_CI_MN\CH11273650\CAD\CDV\FGR-PROPOSED UTILITIES.dwg, 7/23/2022, 3:48:12 PM

LEGEND	
EXISTING SANITARY SEWER	PROPOSED SANITARY SEWER
EXISTING WATERMAIN	PROPOSED WATERMAIN
EXISTING STORM SEWER	PROPOSED STORM SEWER

