

Agency Street (CSAH) 27 - Reconstruction From Thomas Drive to Le Ray Avenue Virtual Open House Meeting

**Ryan Thilges, P.E.,
Blue Earth County Engineer/ Public Works Director**

January 19, 2021 - 4:00-6:00 PM



Meeting Objectives

- Review Project Need
- Project Funding Sources
- Design Overview & Considerations
- Explanation of Detour Routes
- Anticipated Project Schedule
- Questions & Answers
- Key Staff Contact Information



Introductions

- Blue Earth County Public Works Staff
 - Ryan Thilges, P.E., County Engineer / Public Works Director
 - Stefan Gantert, P.E., Assistant County Engineer
 - Jack Hermer, Associate Engineer for Right of Way
- Blue Earth County Commissioners
- City of Eagle Lake Staff
 - Jennifer Bromeland, City Administrator
- Eagle Lake City Council
- Bolton & Menk
 - Brian Sarff, P.E.



Project Need

- City Utilities Failure
 - Corroding cast iron pipe has resulted in numerous watermain breaks within the last of couple years
 - Clay sewer pipe is in poor condition (root intrusions, cracked & broken pipe, inflow & infiltration (I&I))
- Pavement Improvements
 - Pavement will need to be completely restored after utilities are reconstructed
- Pedestrian access within the corridor
 - Work towards providing connectivity to southeast area of Eagle Lake
 - ADA Transition Plan – identifies deficiencies that will be addressed with the project
- CSAH 27 (Agency Street) Preliminary Engineering Report

Project Funding Sources



- Blue Earth County
 - Local Levy
 - Local Option Sales Tax (via 12 AC Federal Payback)
 - County State Aid Highway Municipal (CSAH)
- City of Eagle Lake
 - Local
 - Assessments
- Approximate Construction Cost Estimate: \$3 Million

Design Considerations & Features

Underground Public Utilities

- Sanitary Sewer Collection System (mains and services)
 - Gasketed pipes and manholes for reduced inflow & infiltration
 - Reduced maintenance resulting from roots and broken pipes
- Water Distribution System (mains and services)
 - Plastic pipe materials for reduced corrosion issues
 - Upsize mains for improved fire-flow and future development
- Storm Sewer System
 - Reroute Le Sueur Avenue drainage to the south for reduced maintenance
 - Pipes are sized and inlets are spaced to ensure adequate drainage
 - Facilitate proposed curb & gutter
 - Sump pump connections into proposed subsurface drainage (tile), and into storm sewer

Design Considerations & Features

Roadway Configuration

- Proposed road geometry is comparable to the existing road
- Generally, two 12-foot through lanes with 8-foot parallel parking lanes on both sides

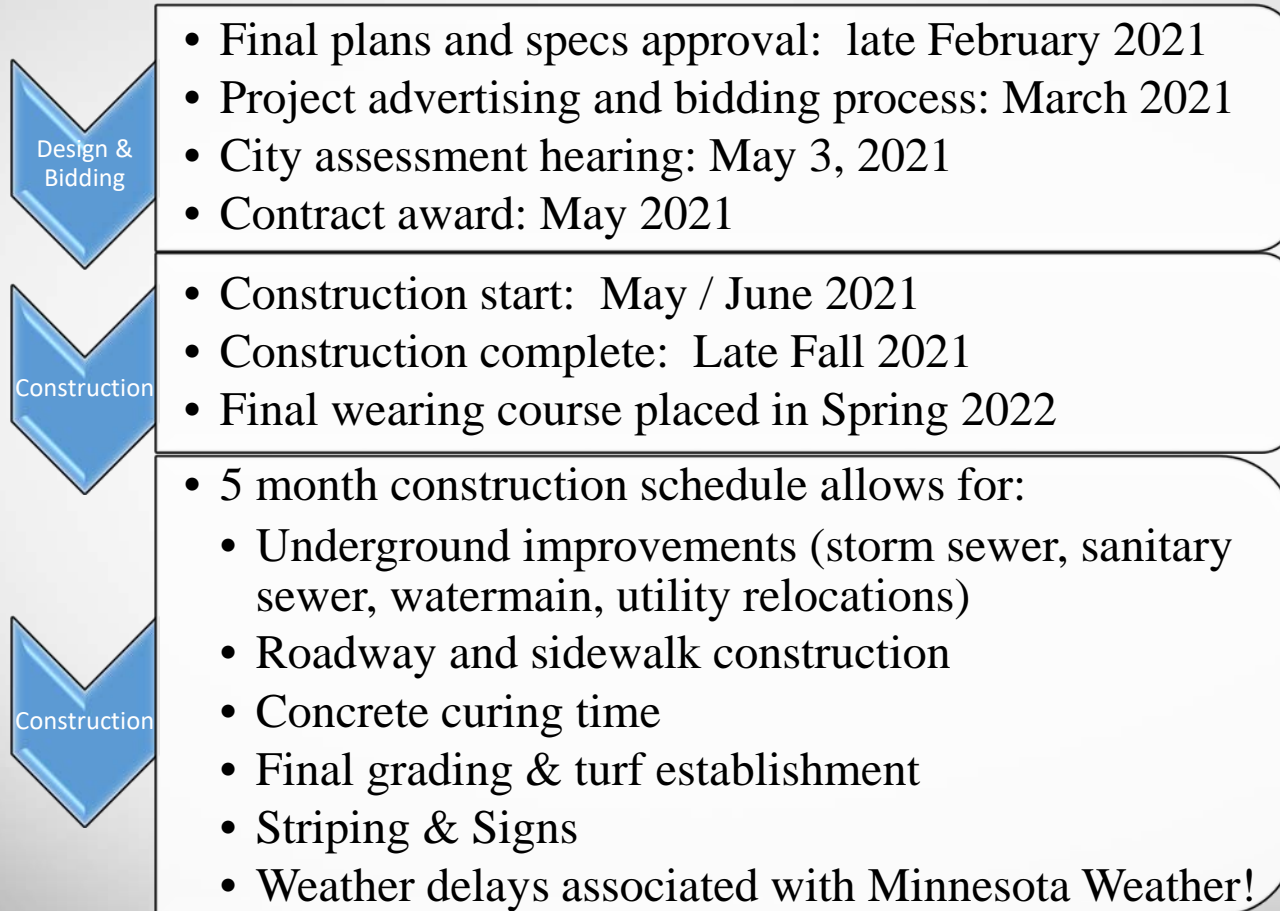
Pedestrian Accommodations

- Existing sidewalks within project area will be reconstructed
- Pedestrian connectivity needed between Maywood Avenue & Maple Lane
 - Project includes new sidewalk between Maywood Avenue & Thomas Drive
 - The gap from Thomas Drive to Maple Lane to be constructed in the future.
- All pedestrian facilities will be compliant with current ADA standards

Detour Routes

- Road closed to expedite construction and provide worker safety
- Staged Construction approach dismissed due to:
 - Difficulty in constructing project in stages while under traffic
 - Decreased worker safety
 - Decreased traveling public safety
 - Increased project cost & construction time
- Detour Routes & Access
 - Local traffic will utilize adjacent city streets.
 - Official detour will be via MN Highway 83 to County Road 86 to County Road 17 (Parkway Avenue)
 - County and City staff will work with Contractor to provide access through construction.
 - Direct access will be impeded when contractors are installing utilities in front of properties.

Project Schedule



Question & Answer Session



Project Contacts:

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**Thank you for
attending!**

