

**Victory Drive (CSAH) 82 - Reconstruction  
From Stadium Road (CSAH 60) To Hoffman Road  
Virtual Open House Meeting**

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

January 13, 2021 - 4:30-6:00 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
  - Nick Engel, P.E., Associate Engineer - Design
- Blue Earth County Commissioners
- City of Mankato Staff
  - Michael McCarty, P.E., Assistant City Engineer
- City of Mankato Council
- Bolton & Menk
  - Tony Rotchadl, P.E.



# Project Need

- Traffic Volumes:
  - 9,300 - 19,700 (2020)
  - 11,300 - 23,200 (2040)
- Failed Pavement Condition
  - Existing pavement is deteriorated bituminous over old concrete pavement.
  - Current Pavement Quality Index range is mostly 1.6, short segment is 2.7
- MAPO – 2045 Long Range Transportation Plan – identifies need for major rehabilitation or reconstruction with trail
- Blue Earth County 2020-2024 Capital Improvement Plan
- CSAH 82 (Victory Drive) Feasibility Report

# Project Funding Sources



- Blue Earth County
  - Local Levy
  - Local Option Sales Tax
  - County State Aid Highway (CSAH)
- City of Mankato
  - Local, Assessments & State Funds
- Approximate Construction Cost: \$3.8 - \$4.4M

# City of Mankato Assessments

- The estimate assessment for each property consists of three items.
  1. The street assessment
  2. The sewer and water end service cost
  3. The driveway cost
- Additional items can be added to the assessment as a part of the project.
- This project's street assessments are proposed to at the 2021 rate of \$110.00 per foot for residential and non-residential properties are assessed at a rate of \$165.00 per foot that are abutting the project.
- Three methods are used to determine the residents' proposed street assessment: straight frontage, corner credit, and the offset measurement. The lengths of the frontage used to calculate assessments is provided the Blue Earth County Property Information System.
- Any questions regarding proposed assessments can be directed to the City of Mankato.

# Design Considerations

- Roadway Configuration & Analysis
  - Utilized MAPO Long Range Transportation Plan growth rates (approx. 1%)
    - Included Future Development to east of project
  - Evaluated 3-lane versus 4-lane layouts
    - 3-lane Configuration provides adequate capacity between Stadium & Balcerzak for 2040 traffic volumes. 2040 Forecast = 12,000 vpd. 3-lane capacity = 18,000 vpd
    - 4-lane configuration with divided median preferred between Balcerzak & Hoffman
  - Urbanizing the entire roadway with Curb & Gutter
    - Synchronizes this segment of Victory Drive with segments to the North
    - Minimizes wetland impacts, facilitates the addition of trail
  - Re-aligning Balcerzak & Victory Drive intersection for future expansion
  - Hoffman Rd/Victory Drive intersection built with future project, including turn lanes that were recommended from previously completed ICE Report
- Pedestrian accommodations
  - Pedestrian connectivity needed between Stadium & Hoffman
    - Trail currently between Hoffman & Balcerzak
    - Project to construct trail between Balcerzak & Stadium

# Design Features

- Review 3 & 4-lane segment locations
  - Review turn lane locations
  - Balcerzak/Victory re-alignment & future expansion
  - Balcerzak intersection width narrowed slightly to provide safer pedestrian crossing
- Pedestrian Facilities will be compliant with current ADA standards
  - New Trail between Balcerzak and Stadium along Victory Drive
- Drainage Upgrades:
  - Storm sewer system added to facilitate curb & gutter
- Lighting Upgrades:
  - Continuous lighting to be provided along entire corridor
  - Will light both trail and roadway for safer and more comfortable operations
- Future Construction
  - North construction limits stopping approximately 300' south of Hoffman Rd
  - Allows for turn lane additions, profile modifications as part of future project



# 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
  - Local traffic will utilize Stadium Road to Pohl Road to Glenwood Avenue
  - Traffic signals at Glenwood & Victory Drive will be optimized for temporary layout by the City of Mankato

# Project Schedule



- Final Plans and Specs approval: February 2021
- Project Advertising and Bidding Process: March 2021



- Construction start: May 2021
- Construction Complete: Fall 2021



- 4-5 month construction schedule allows for:
  - Underground improvements (storm sewer, utilities)
  - Roadway and trail construction, concrete curing time
  - Lighting upgrades
  - Weather delays associated with Minnesota Weather!

# Question & Answer Session



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**Thank you for  
attending!**

