



# Hwy 169 Corridor Study

Public Open House  
10/14/2021

Welcome! Music is playing. If you can't hear the music, check your audio.



# Agenda

- 01 ● Welcome and Introductions
- 02 ● Study Overview
- 03 ● Preliminary Recommended Vision & Implementation Plan
- 04 ● Discussion
- 05 ● Next Steps and Adjourn



**BOLTON  
& MENK**



**MAPO**  
MANKATO/NORTH MANKATO  
AREA PLANNING ORGANIZATION

# Study Goals

## Project Goals

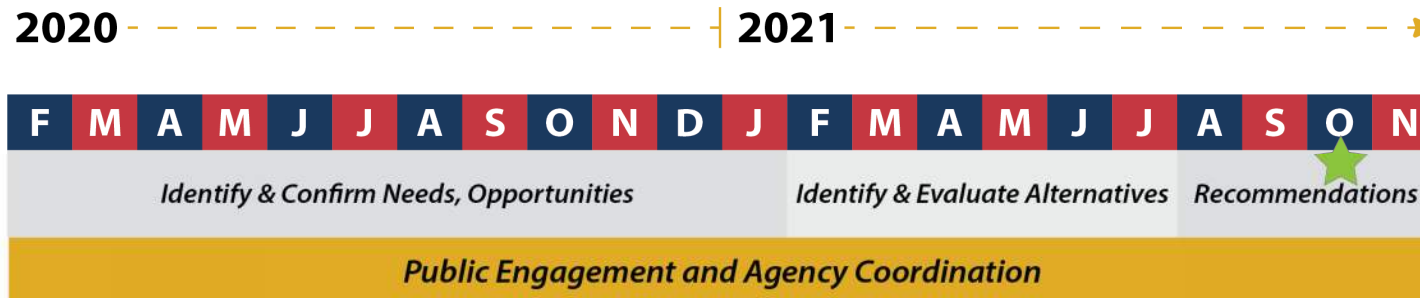
-  Preserve community connections and economic vitality
-  Reliable mobility for all users
-  Safety of all system users
-  Respect the environment and people
-  Financial responsibility
-  Agency and public support



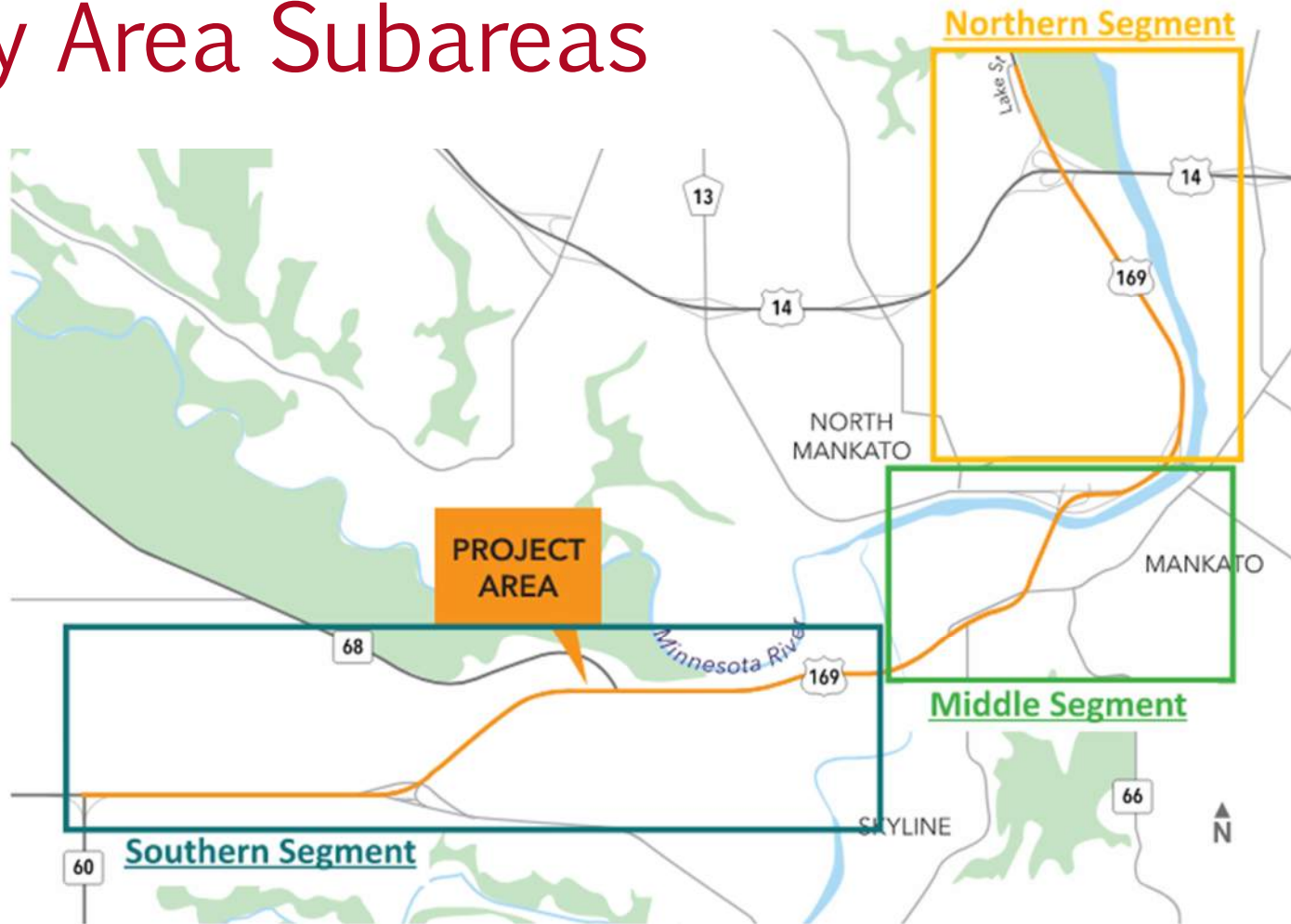
# Study Schedule

- Phase 1: Issues, opportunities, and priorities
  - Business focus groups
  - Public Open House #1
  - City Council updates
- Phase 2: Identify and evaluate design concepts
  - Business focus groups
  - Pop-up events
  - Public Open House #2

- Phase 3: Develop recommendations and implementation plan
    - Public Open House #3
    - City Council/County Board approvals



# Study Area Subareas





**BOLTON  
& MENK**



**MAPO**  
MANKATO/NORTH MANKATO  
AREA PLANNING ORGANIZATION

# The Northern Subarea Vision





# Highway 169 Corridor

## Northern Subarea Access Options



### Concepts considered improvements at:

- Highway 14/169 interchange
  - Hwy 14 exit ramp signal
  - Diverging Diamond Interchange
  - Full Cloverleaf Interchange
- N. River Ln and Webster Ave
  - Signals
  - Roundabouts
  - Signalized Restricted U-Turns
- Range Street at Webster Ave
  - Cul-de-sac
  - Median
  - Striping and access modifications
- Grade separated pedestrian crossing

# Northern Subarea Feedback Highlights

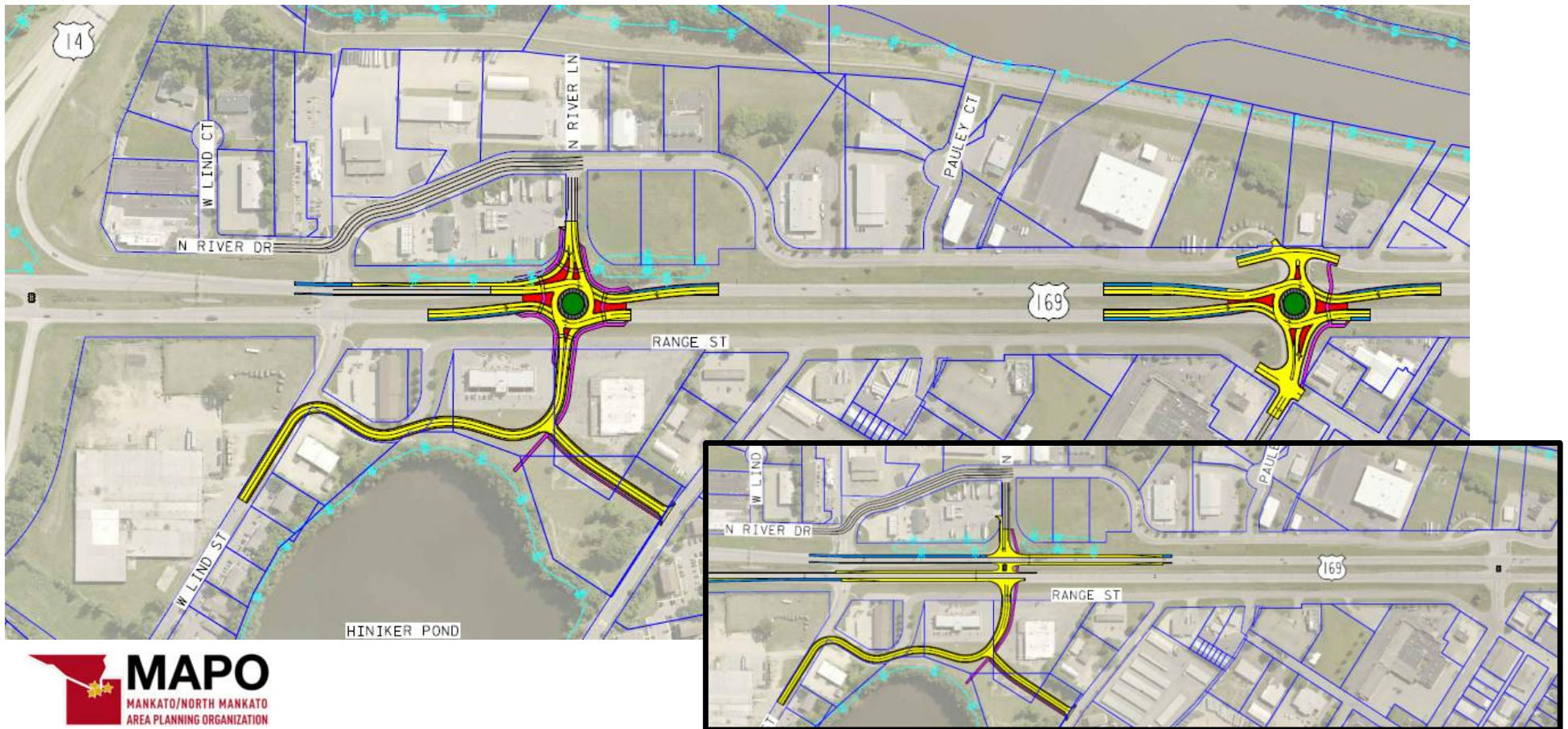


Photo from North Mankato Farmers Market

- Mixed support for a full cloverleaf interchange at Hwy 14 and a diverging diamond interchange.
- Mixed support for roundabouts at N River Ln and Webster Ave and interchanges at Hwy 14 and Webster Ave.
- Lack of support for signalized RCUTs.
- Many supported the Range St concept that keeps the intersection open to Webster Ave.
- Many supported the pedestrian and bicyclist improvements in the north segment, and most people preferred the crossing north of Lind St.



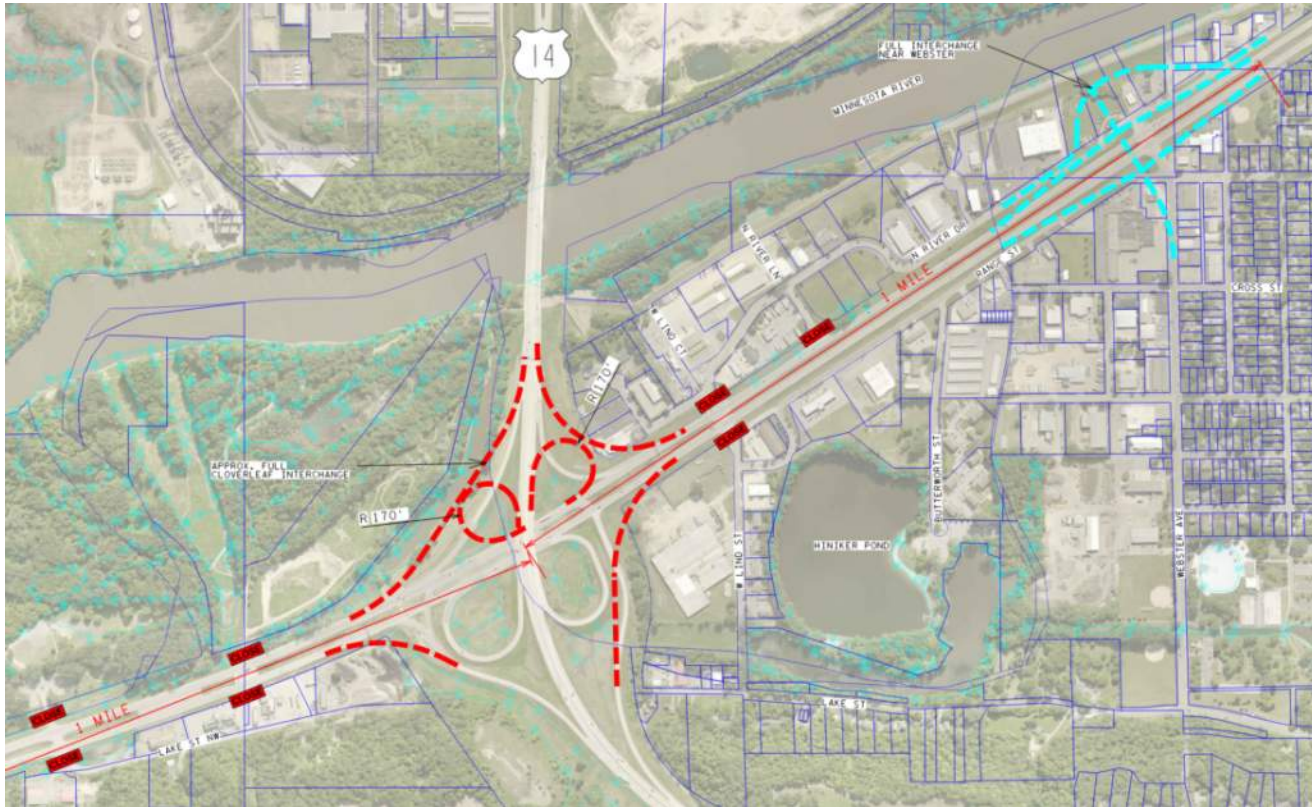
# Northern Subarea - Preliminary Study Recommendations



# Northern Subarea



# Freeway Option Currently Not Recommended



## Evaluation Results:

- Poor community connections
  - Would require access closures from Lake St to Webster Ave
- High community impacts
  - Multiple total acquisitions required
  - Impact to the flood control system
- No local agency support
  - Concern for business and environmental impacts
  - High cost
  - Limited opportunities for aesthetic improvements
- Roundabout Expressway benefits comparable to a Freeway with significantly less cost



**BOLTON  
& MENK**



**MAPO**  
MANKATO/NORTH MANKATO  
AREA PLANNING ORGANIZATION

# The Middle Subarea





**MAPO**  
MANKATO/NORTH MANKATO  
AREA PLANNING ORGANIZATION

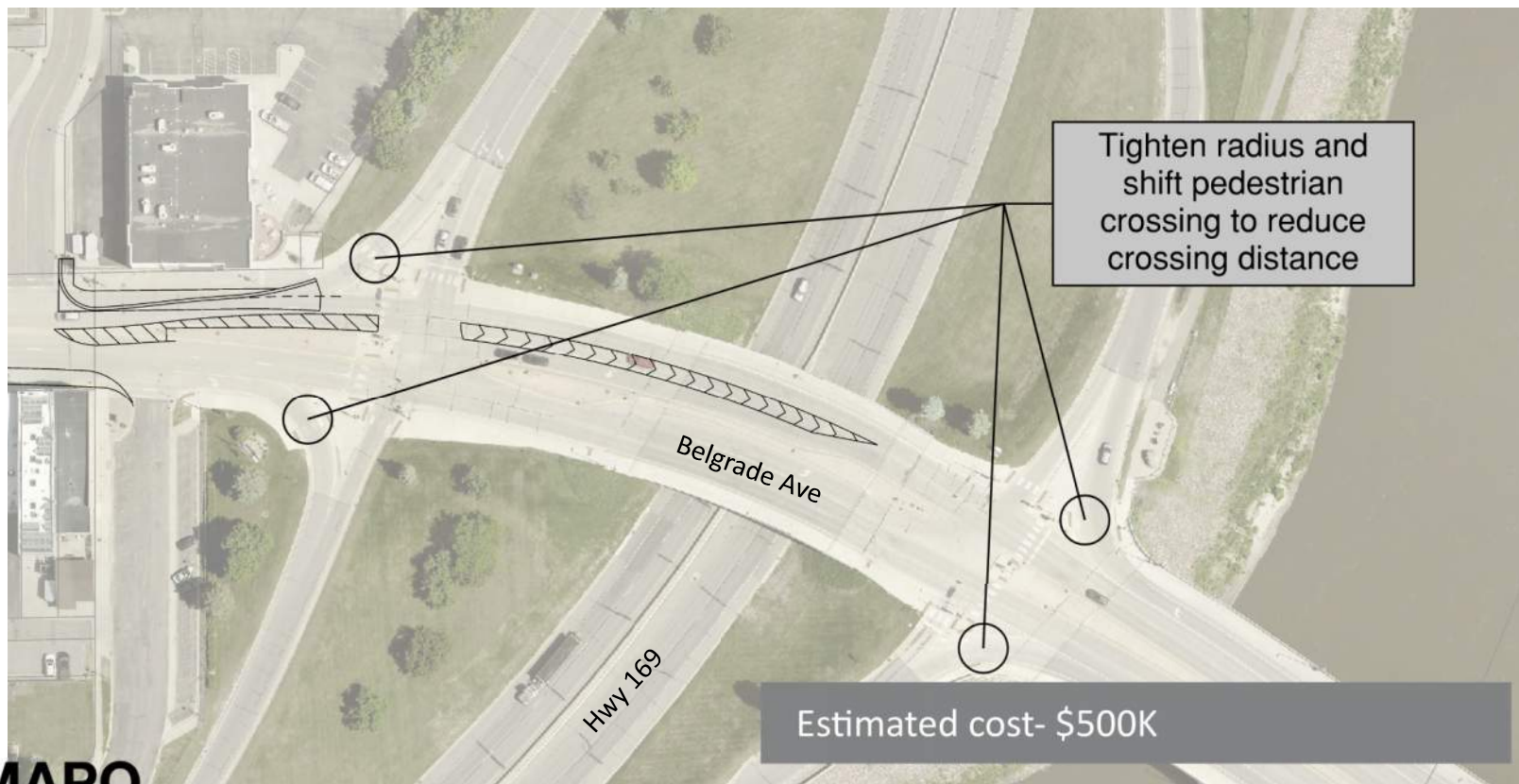
**Highway 169 Corridor**  
Middle Subarea Access Options

*The middle subarea is an existing freeway and is planned to remain a freeway.*



# Middle Subarea

## Preliminary Study Recommendations (Multiple)





# Middle Subarea

## Preliminary Study Recommendations (Multiple)

Belgrade Ave Roundabout Concept

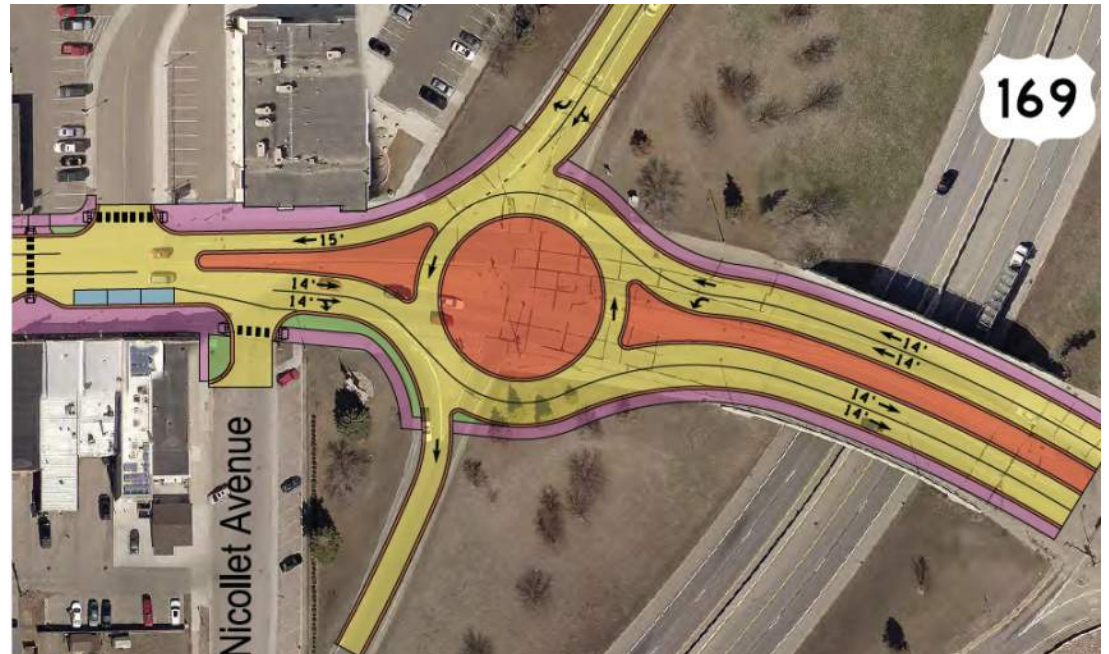
Estimated cost- \$2M



- Improves pedestrian crossings
- Improves traffic flow on Belgrade Ave
- Improves traffic flow into potentially reduced section west of Hwy 169



- Cost for construction



# Middle Subarea

## Preliminary Study Recommendations (Multiple)

### Riverfront Dr Right Turn Lane Concept

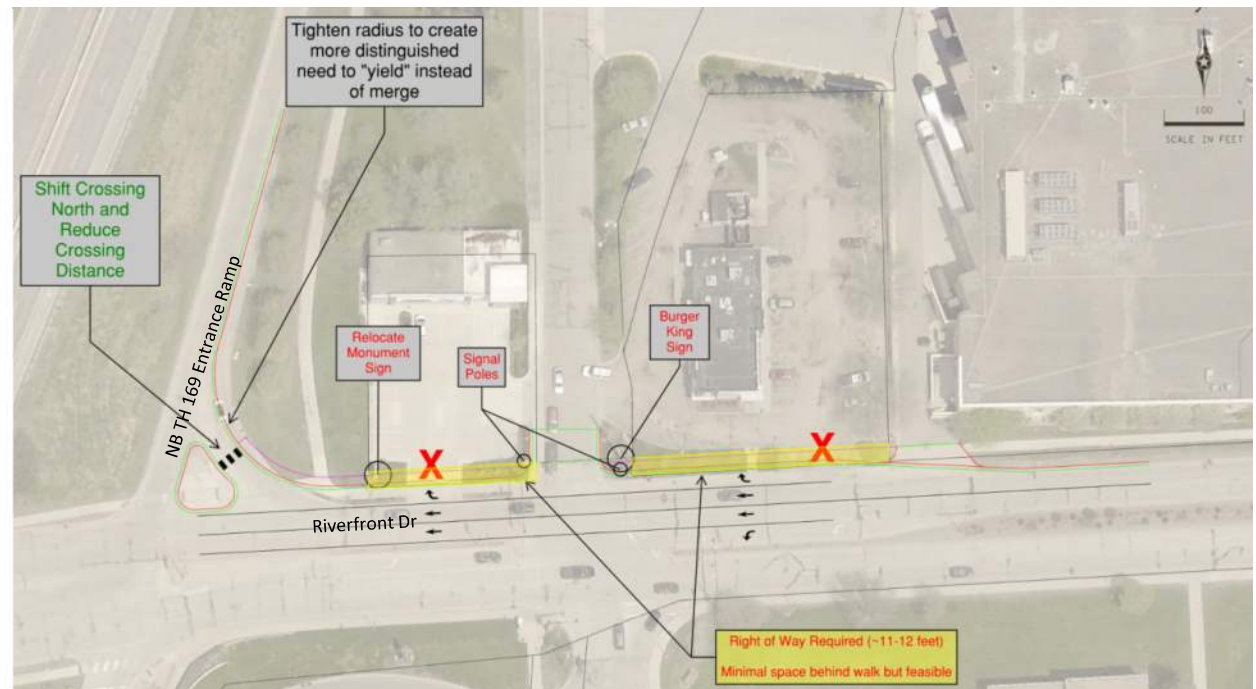
Estimated cost- \$850K



- Improves pedestrian crossing
- Enforces need for westbound traffic turning right to yield for pedestrians
- Adds westbound right turn lane
- Reduces westbound rear end crashes
- Reduces potential conflict points along Riverfront Dr



- Increases delay for westbound traffic turning right
- Requires property acquisition
- Reduces accesses to businesses



# Middle Subarea

## Preliminary Study Recommendations (Multiple)

Riverfront Dr Signalized Corridor Concept

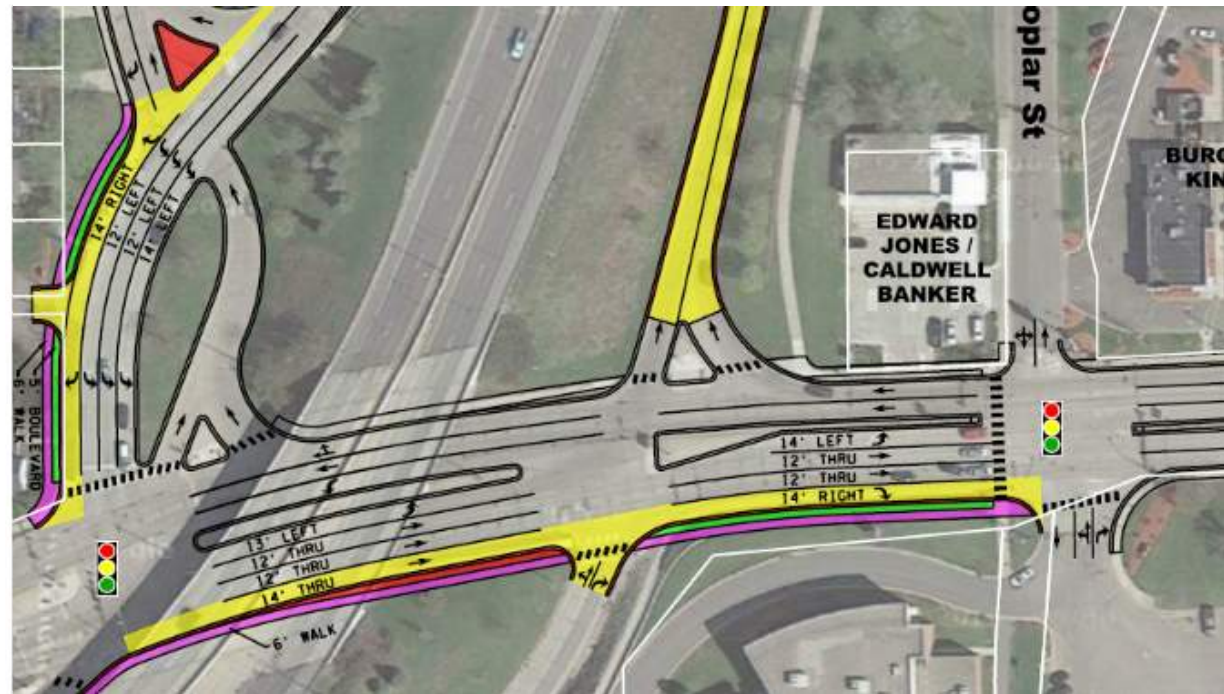
Estimated cost- \$1M



- Improves traffic flow
- Maintains full access at all



- May require property acquisition
- May require bridge work to accommodate lanes (or removal of sidewalk)
- May have a learning curve as drivers get familiar with road design





# Middle Subarea

## Preliminary Study Recommendations (Multiple)

Riverfront Dr East of Hwy 169 Concept

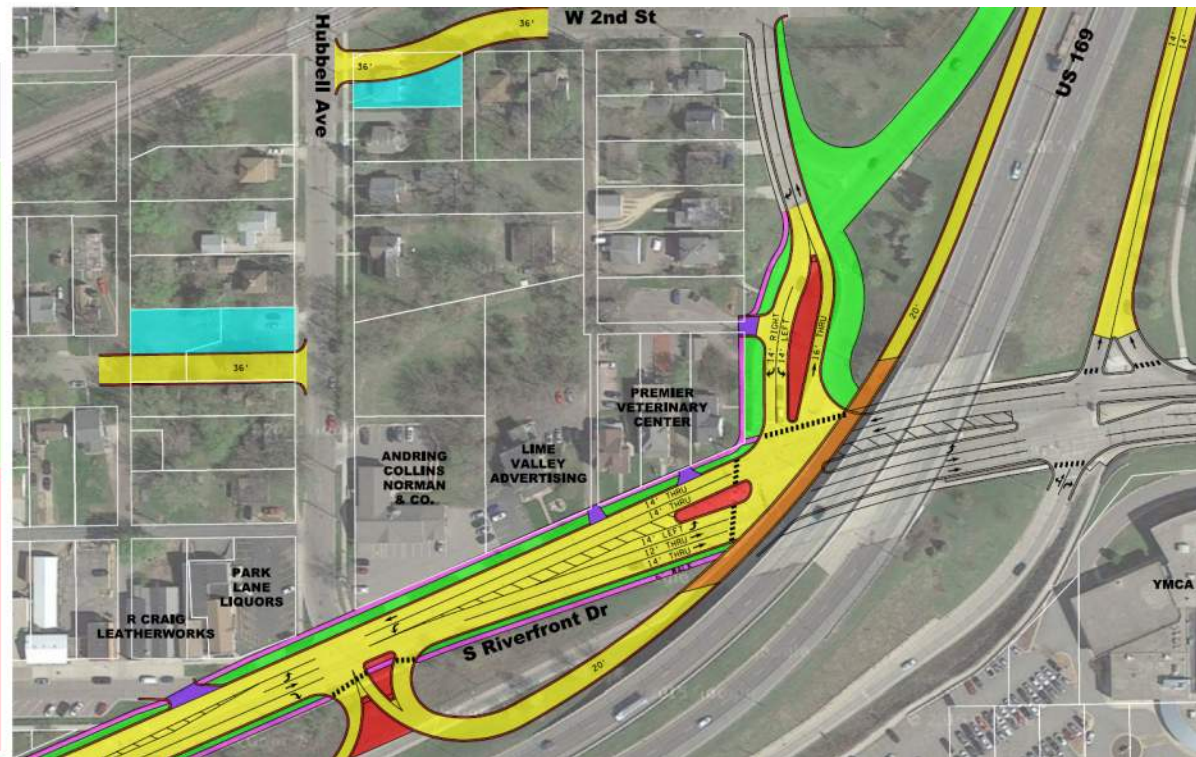
Estimated cost- \$4.5M



- Improves traffic flow
- Maintains accesses east of Hwy 169 along Riverfront Dr



- Cost of construction
- Creates design issues that may require raising Riverfront Dr
- Removes Hubbell Ave/Riverfront Dr intersection



# Middle Subarea Feedback Highlights

- Some expressed concern with the Belgrade Ave/Veterans Memorial Bridge roundabout concept.
- Some support for the Riverfront Dr signalized corridor and right turn lane concepts; however, few people provided comments on Riverfront Dr.
- Some said merging at Lookout Dr and Sherman St before getting on southbound Hwy 169 is challenging.

Photo from Songs on the Lawn





**BOLTON  
& MENK**



**MAPO**  
MANKATO/NORTH MANKATO  
AREA PLANNING ORGANIZATION

# The Southern Subarea Vision





**MAPO**  
MANKATO/NORTH MANKATO  
AREA PLANNING ORGANIZATION

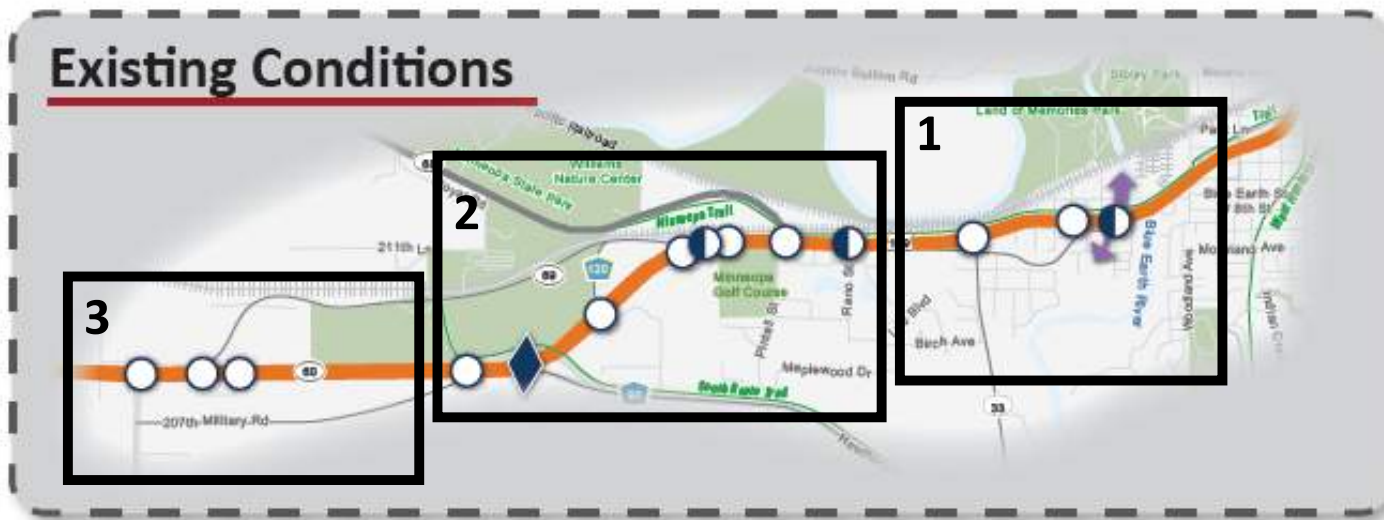
## Highway 169 Corridor

### Southern Subarea Access Options

Concepts considered improvements at:

- Section 1
  - Hawley Street
  - Amos Owen Lane
  - County Hwy 33
- Section 2
  - Highway 68
  - Highway 69
  - County Road 120
- Section 3
  - 208<sup>th</sup> Lane
  - Loren Drive
  - Highway 60/169
  - Gadwell Road

### Existing Conditions



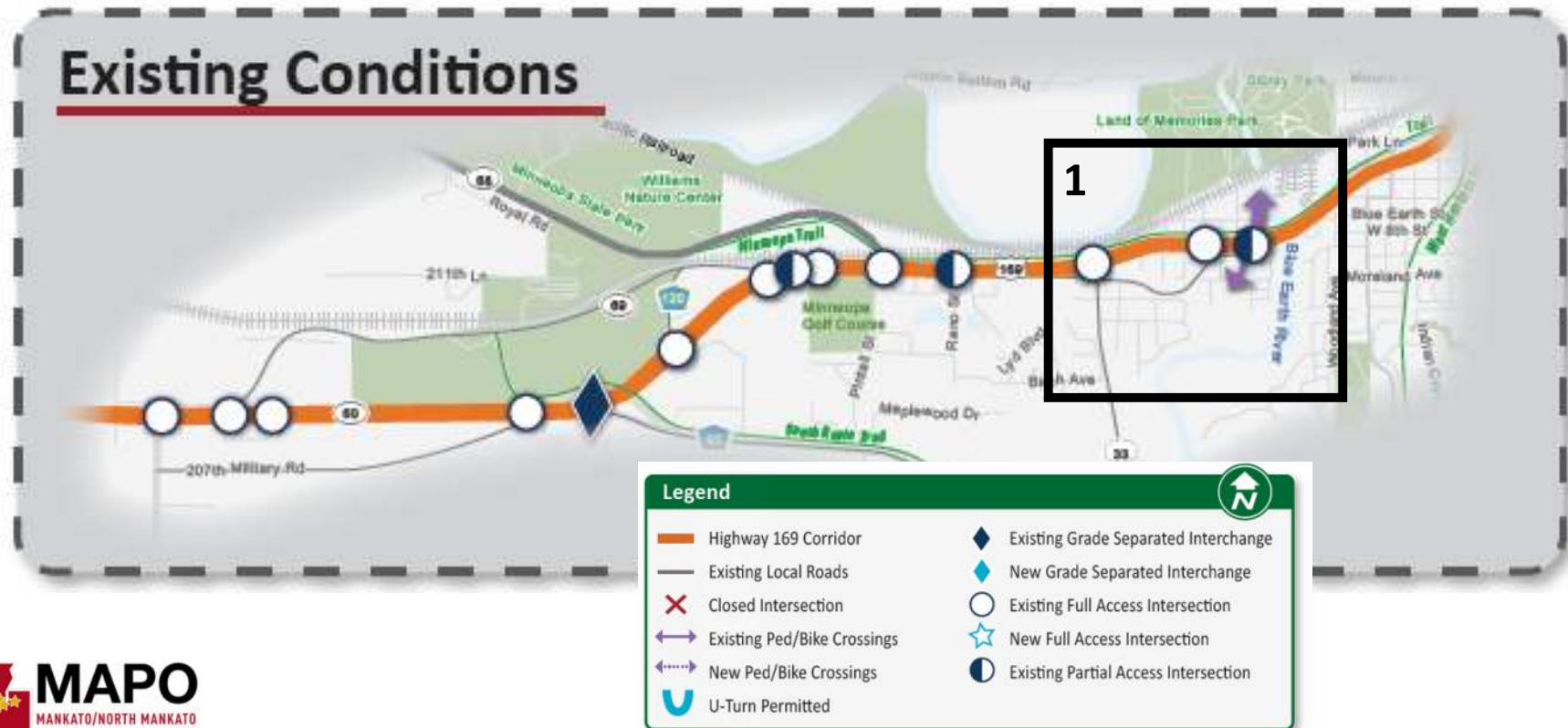
#### Legend

- |                             |                                      |
|-----------------------------|--------------------------------------|
| Highway 169 Corridor        | Existing Grade Separated Interchange |
| Existing Local Roads        | New Grade Separated Interchange      |
| Closed Intersection         | Existing Full Access Intersection    |
| Existing Ped/Bike Crossings | New Full Access Intersection         |
| New Ped/Bike Crossings      | Existing Partial Access Intersection |
| U-Turn Permitted            |                                      |

# Highway 169 Corridor

## Southern Subarea Access Options

Section 1: Blue Earth River to County Rd 33

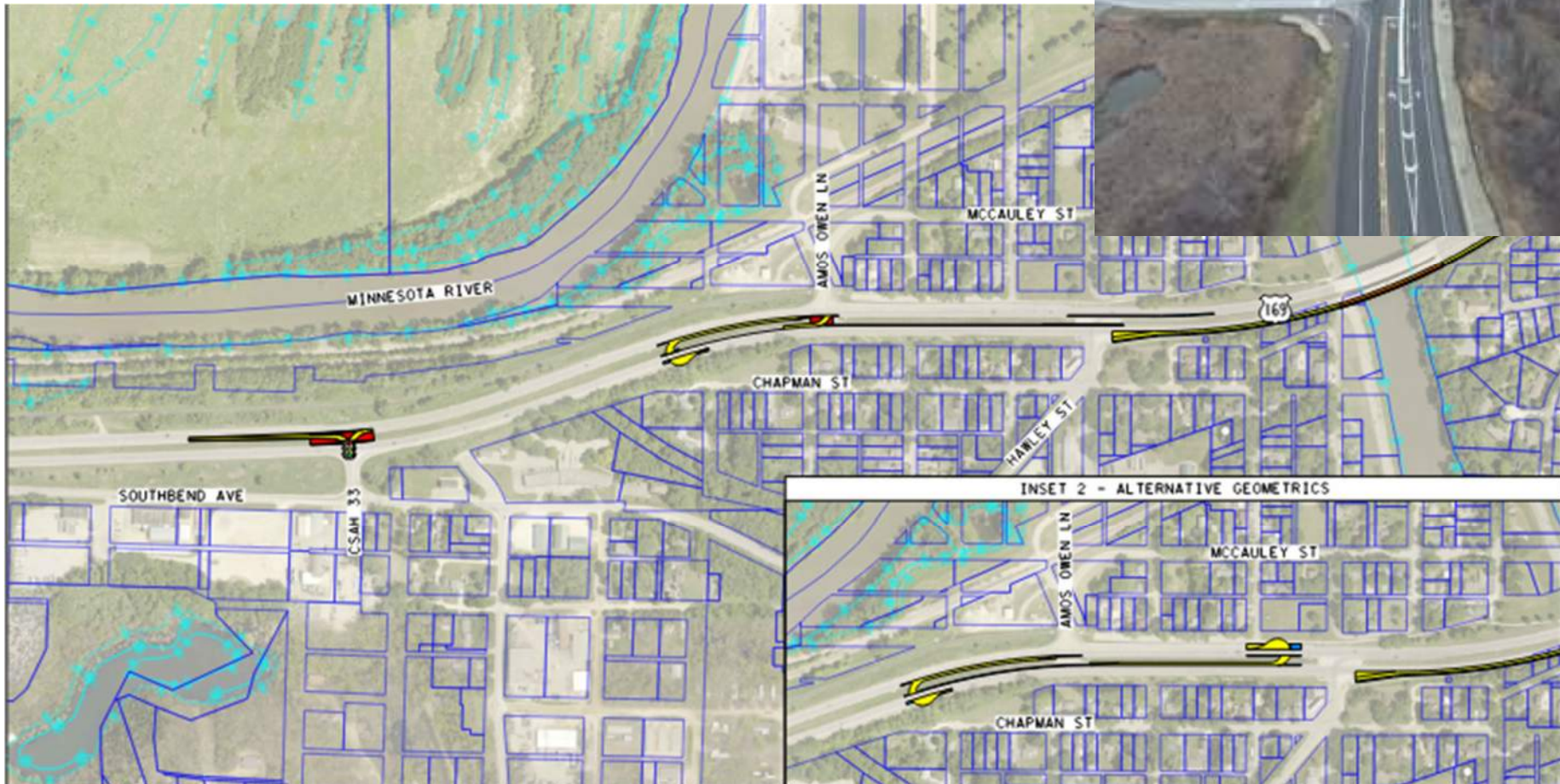




# Southern Subarea – Section 1

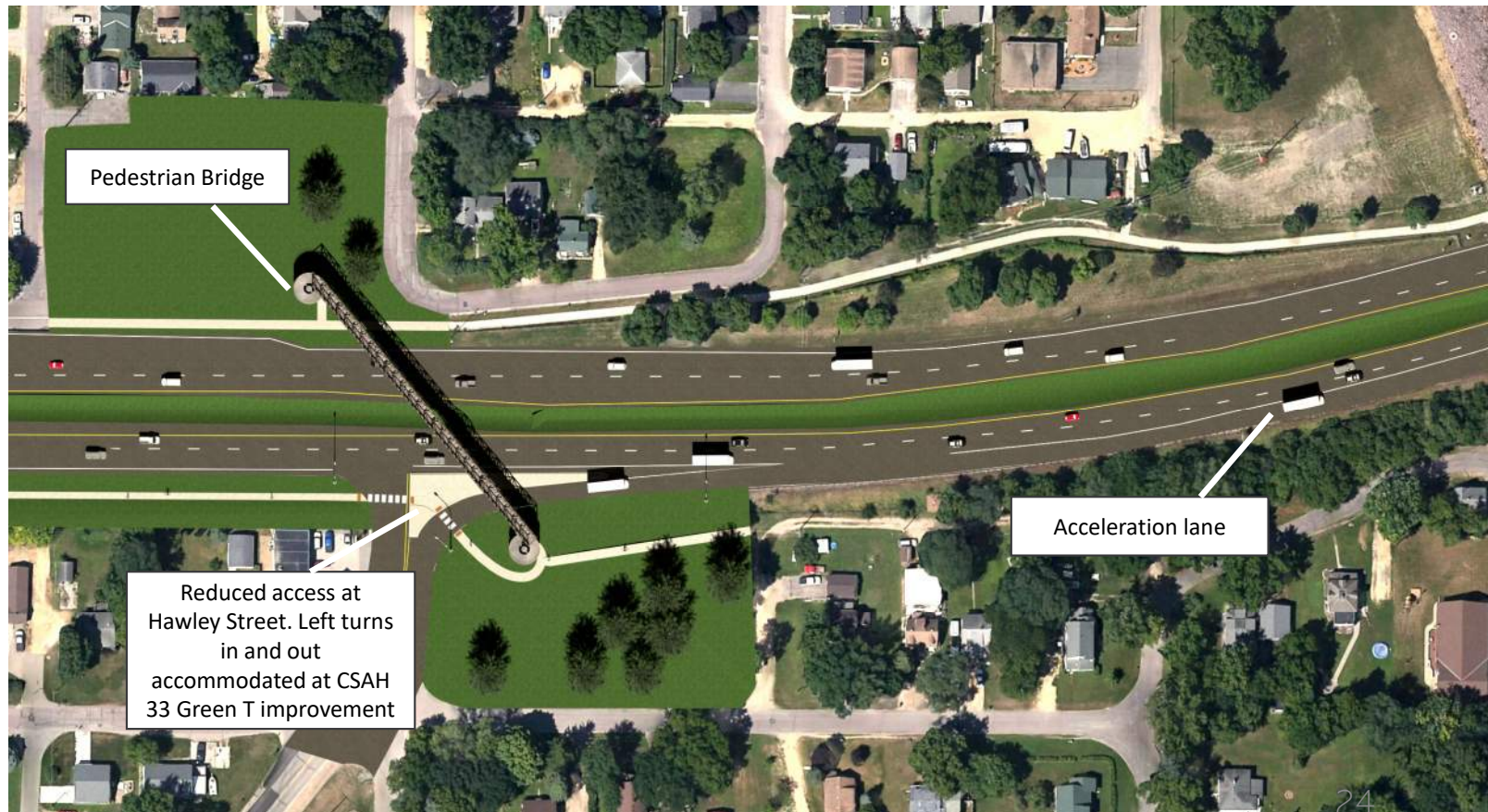
## Preliminary Study Recommendations

Green T Example





# Southern Subarea – Hawley Street



# Southern Subarea

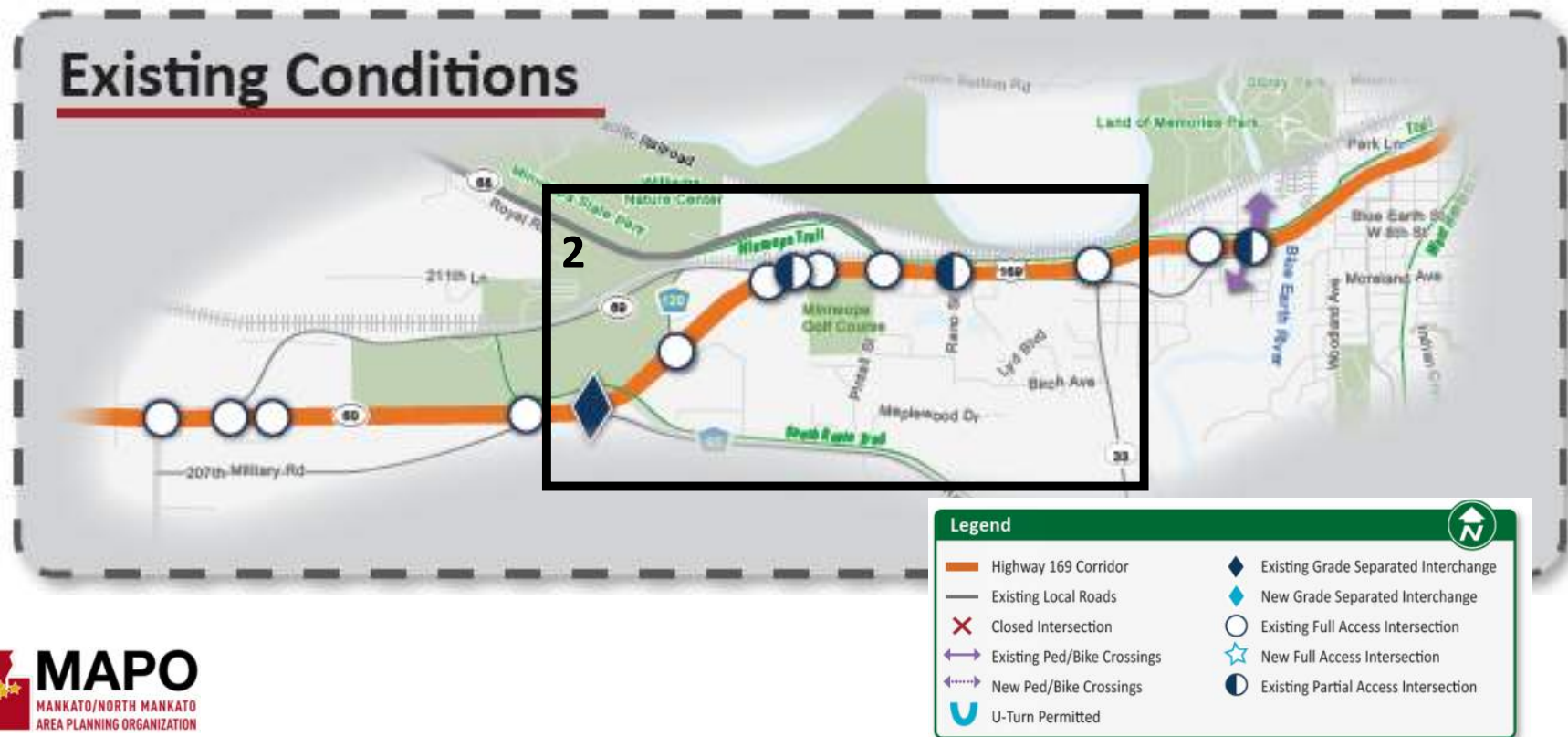




# Highway 169 Corridor

## Southern Subarea Access Options

Section 2: County Rd 33 to County Rd 90





# Southern Subarea – Section 2

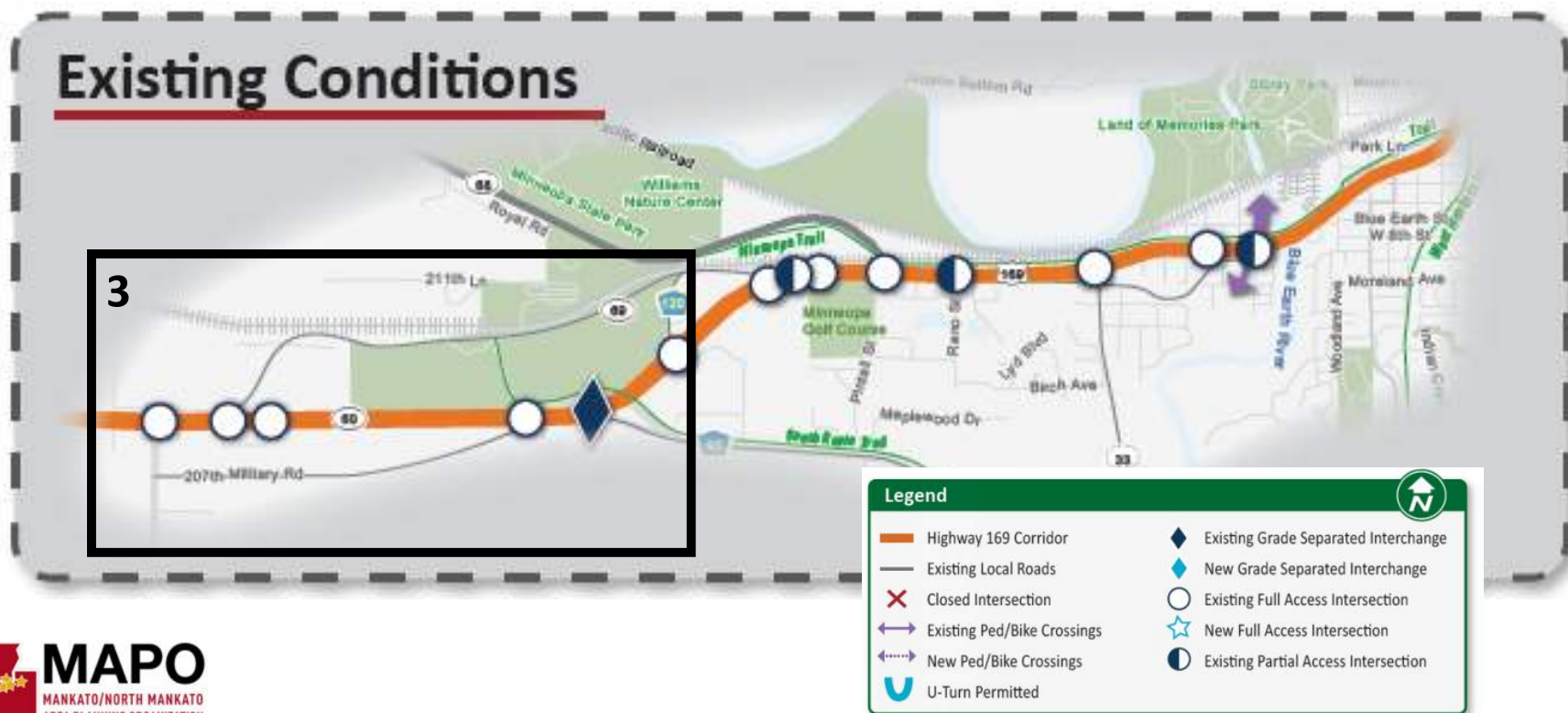
## Preliminary Study Recommendations



# Highway 169 Corridor

## Southern Subarea Access Options

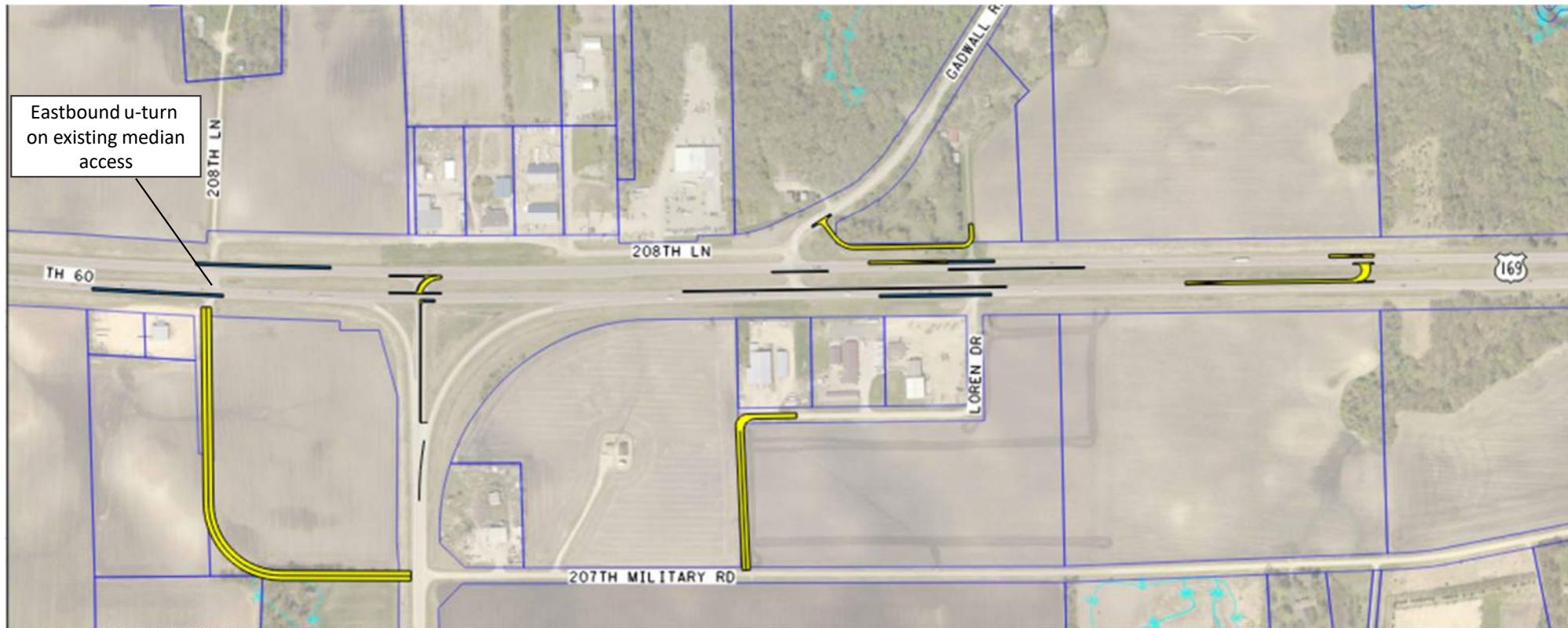
Section 3: County Rd 90 to 208th Ln





# Southern Subarea – Section 3

## Preliminary Study Recommendations



# Southern Subarea Feedback Highlights

- Many support the Hawley St pedestrian bridge concept.
- Preference for the CSAH 33 Green-T concept over the Hawley St Green-T concept.
- Many supported the acceleration lane from Hawley St to eastbound Hwy 169.
- Many support the High-T at Hwy 68.
- Business concerns that the RCUT at CR 120 will not address the acceleration challenges for trucks turning onto Hwy 169 from CR 120.
- Support for the RCUT concepts if turns are wide enough for truck and trailer turning movements.

Comments from interactive map





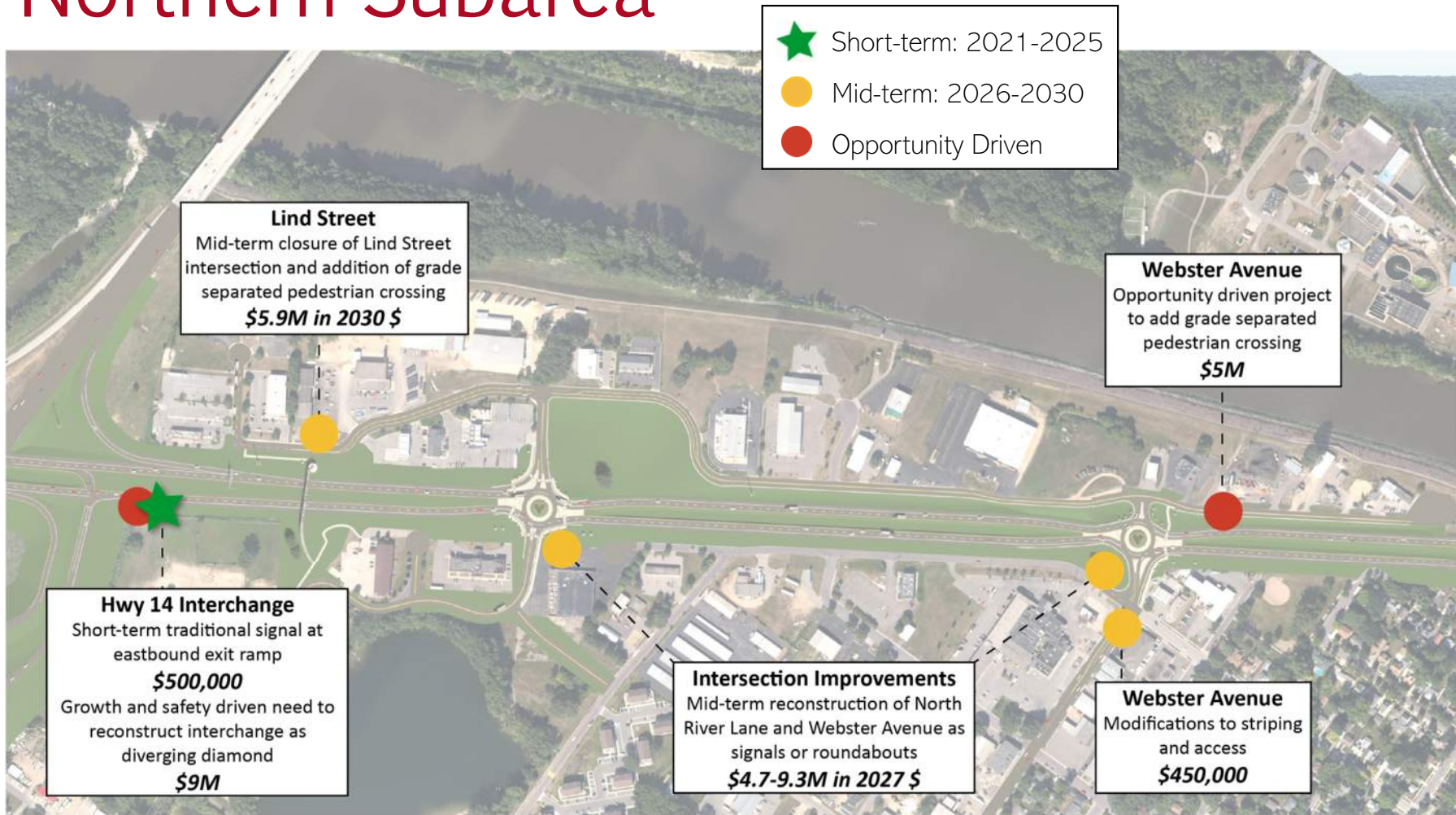
**BOLTON  
& MENK**



**MAPO**  
MANKATO/NORTH MANKATO  
AREA PLANNING ORGANIZATION

# The Implementation Plan

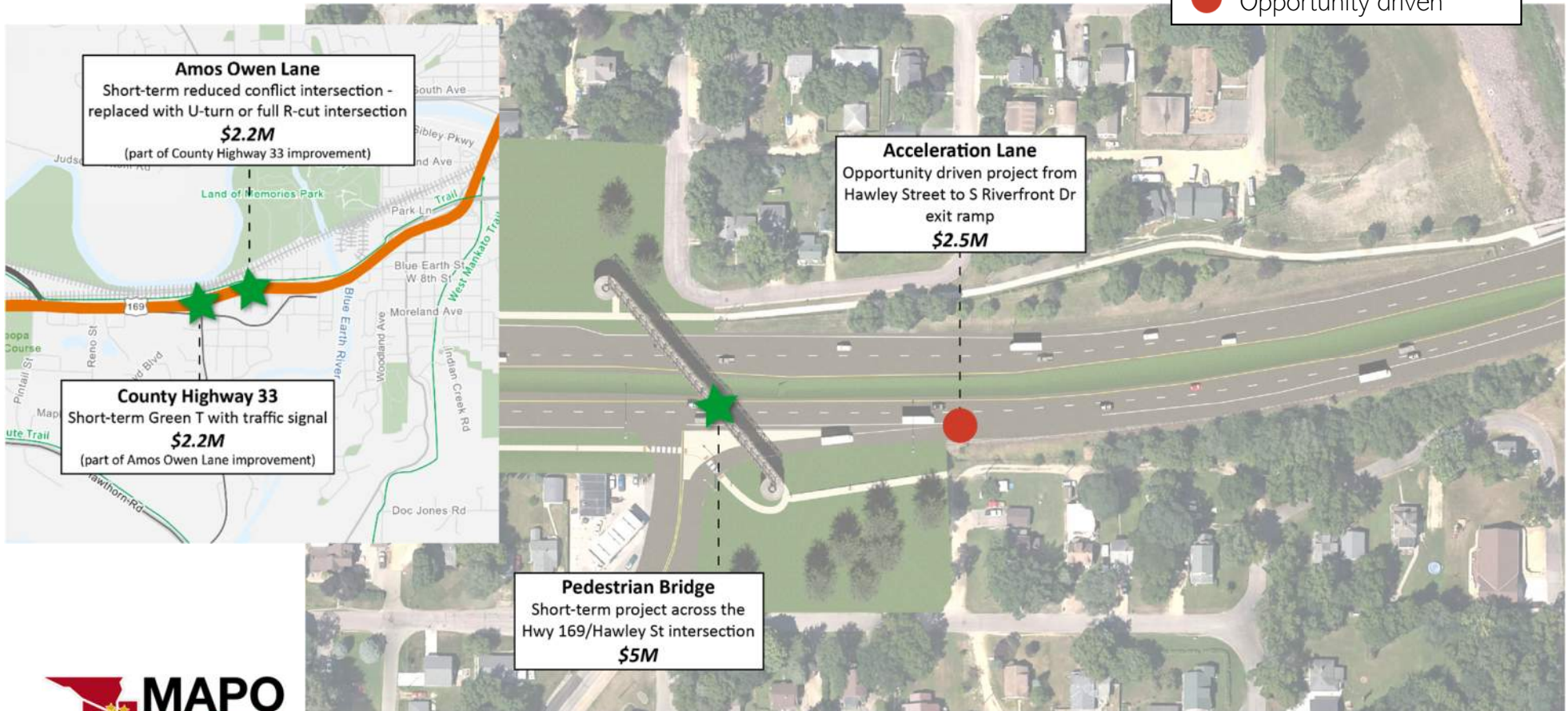
# Northern Subarea



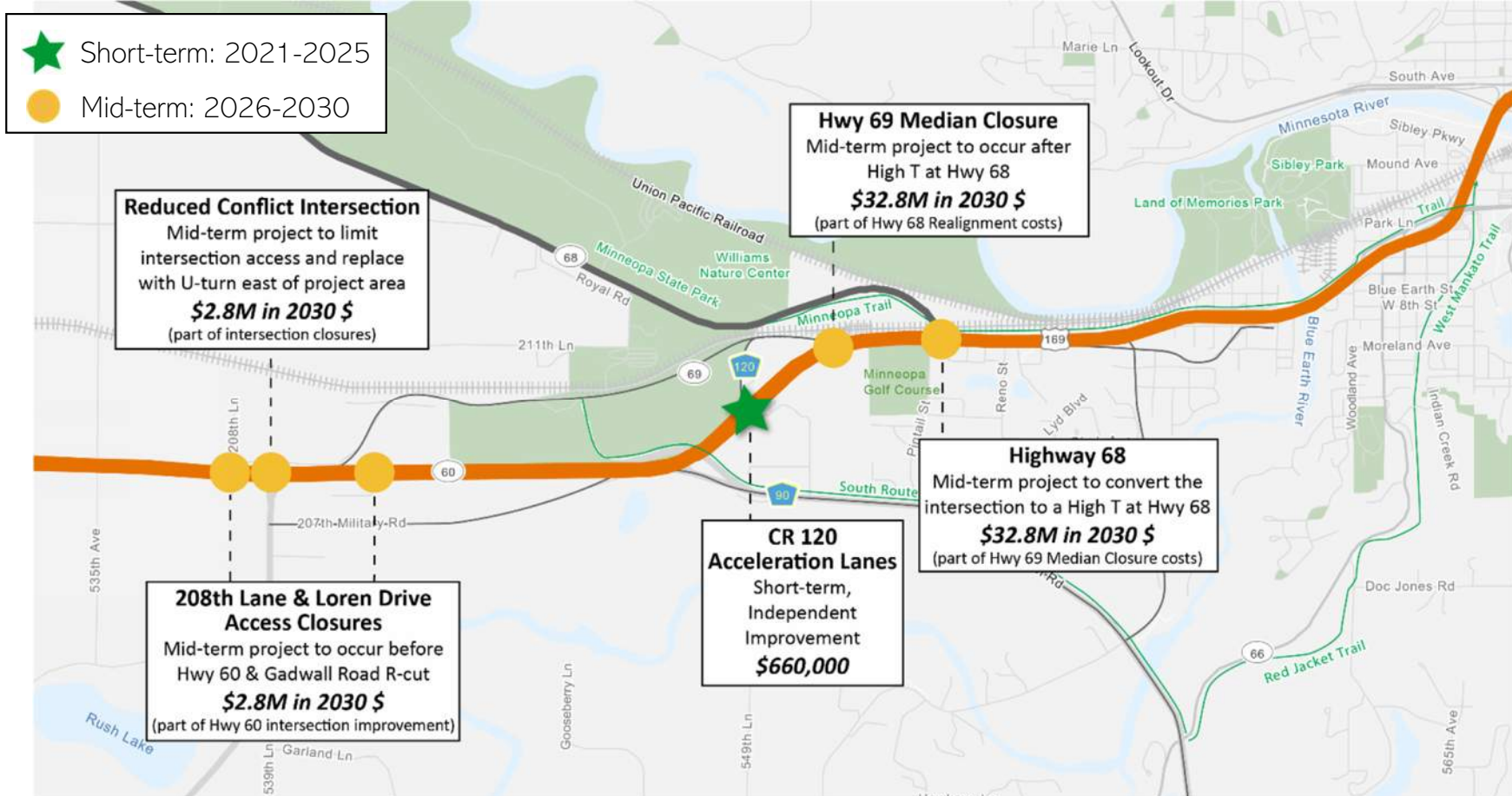


# Southern Subarea Section 1

- ★ Short-term: 2021-2025
- Opportunity driven



# Southern Subarea Section 2 & 3



# Next Steps

- Virtual Open House: October 14 - 28  
<https://zan.mysocialpinpoint.com/hwy169corridorstudy>
- Mankato Area Planning Organization Technical Advisory Committee Meeting
- Mankato Area Planning Organization Policy Board Meeting
- Final Study Report in Nov 2021
- Council/Board presentations in early 2022

# Virtual Open House Demonstration



## Welcome to the Highway 169 Corridor Study Engagement Page!

The Mankato/North Mankato Area Planning Organization (MAPO) and the Minnesota Department of Transportation are conducting a transportation study on Highway 169 through North Mankato, Mankato and South Bend Township to create a long-term vision for walking, biking, transit, and driving in the corridor. **We need your help to determine the final recommendations for the long-term vision and implementation plan for Highway 169.**

### To provide feedback:

1. Review the recommended vision and implementation plan below
2. Submit feedback in the comment form



# Select a Breakout Room

