

Welcome

Open House

**LeSauk Drive Corridor Study
(Presentation at 5:00 p.m.)**

Study Partners

- SRF Consulting Group, Inc.
- City of Sartell

- Study Partners
 - St. Cloud Area Planning Organization
 - Stearns County
 - MnDOT

Tonight's Agenda

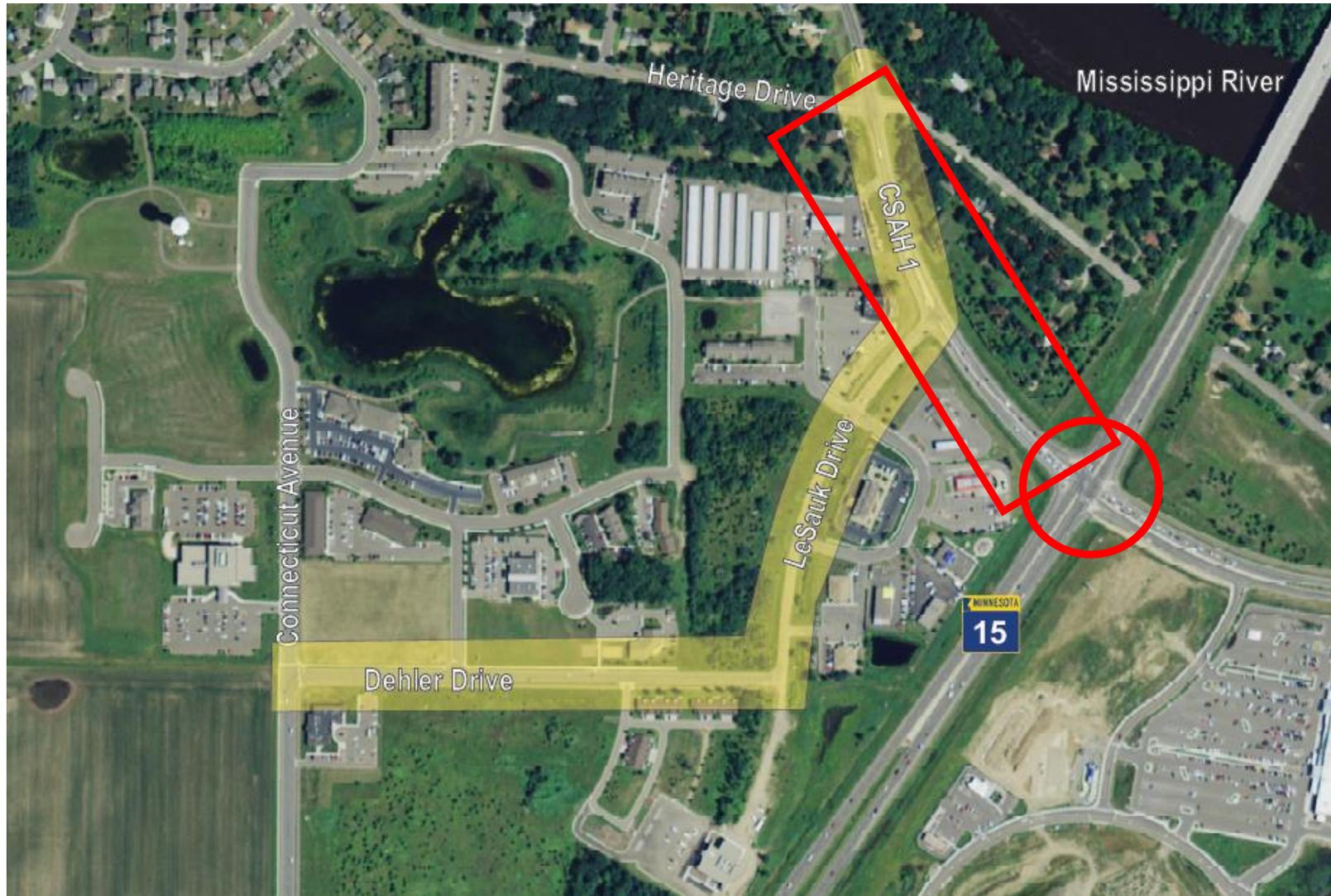
- Review the Study's Purpose
- Discuss Existing and Future Conditions
- Present the Study's Findings and Recommendations



Study Purpose

The purpose of the study is to document existing and forecasted conditions, and **evaluate the feasibility of alternatives to improve traffic flow, safety and operations** along LeSauk Drive/Dehler Drive and Stearns CSAH 1 immediately north of Highway 15.

Study Area & Planned Improvements



Study Process

Three Month Planning Process

- Evaluated Existing and Future Conditions
- Engaged the Public
 - May 18 “Listening Sessions”
 - Phone Interviews
- Established Study Goals and Objectives
- Developed Alternatives
- Developed Recommendations

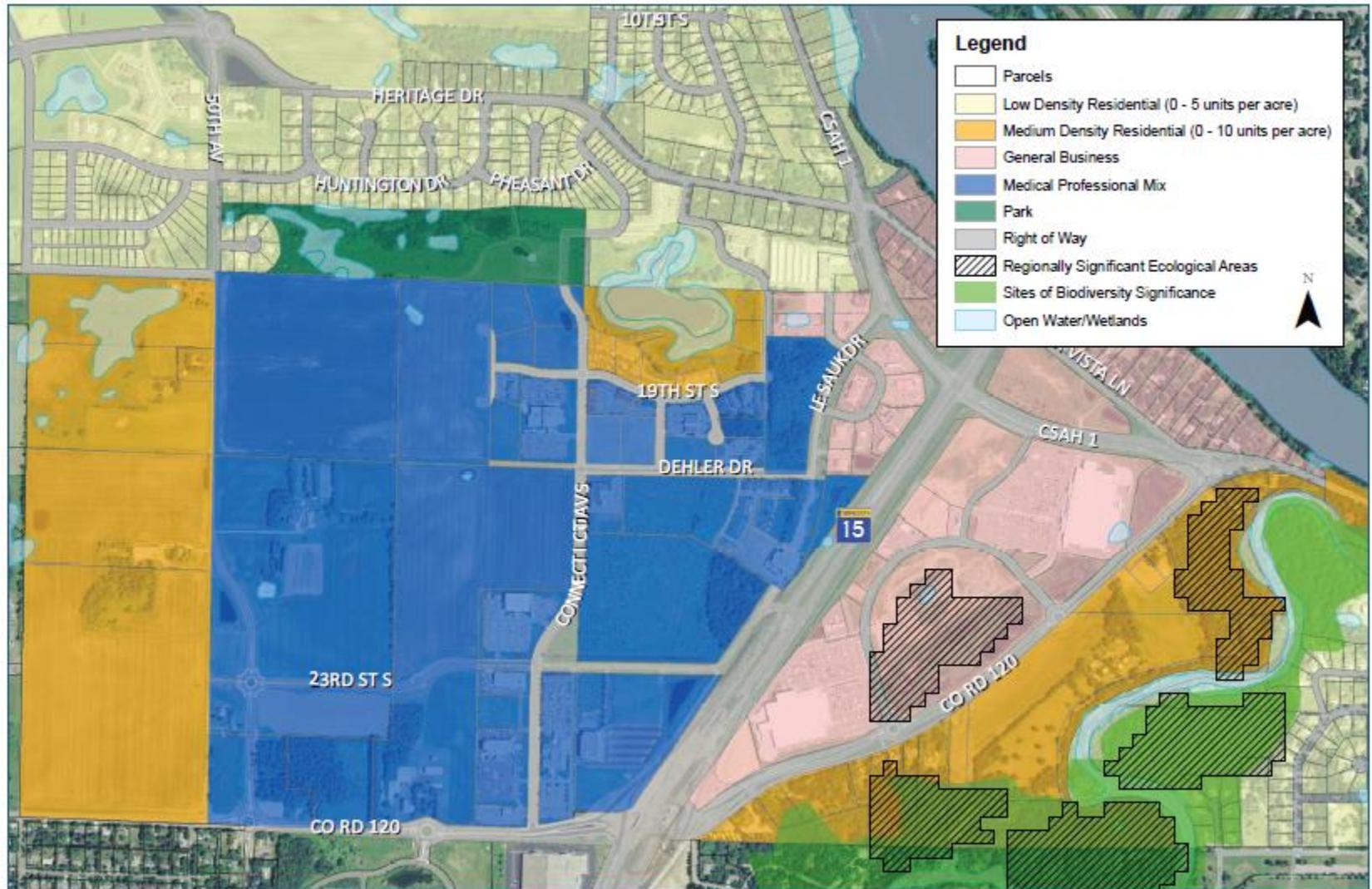
Study Goals & Objectives

- Access
- Safety
- Economic Vitality
- Mobility
- Efficiency

See Display Board

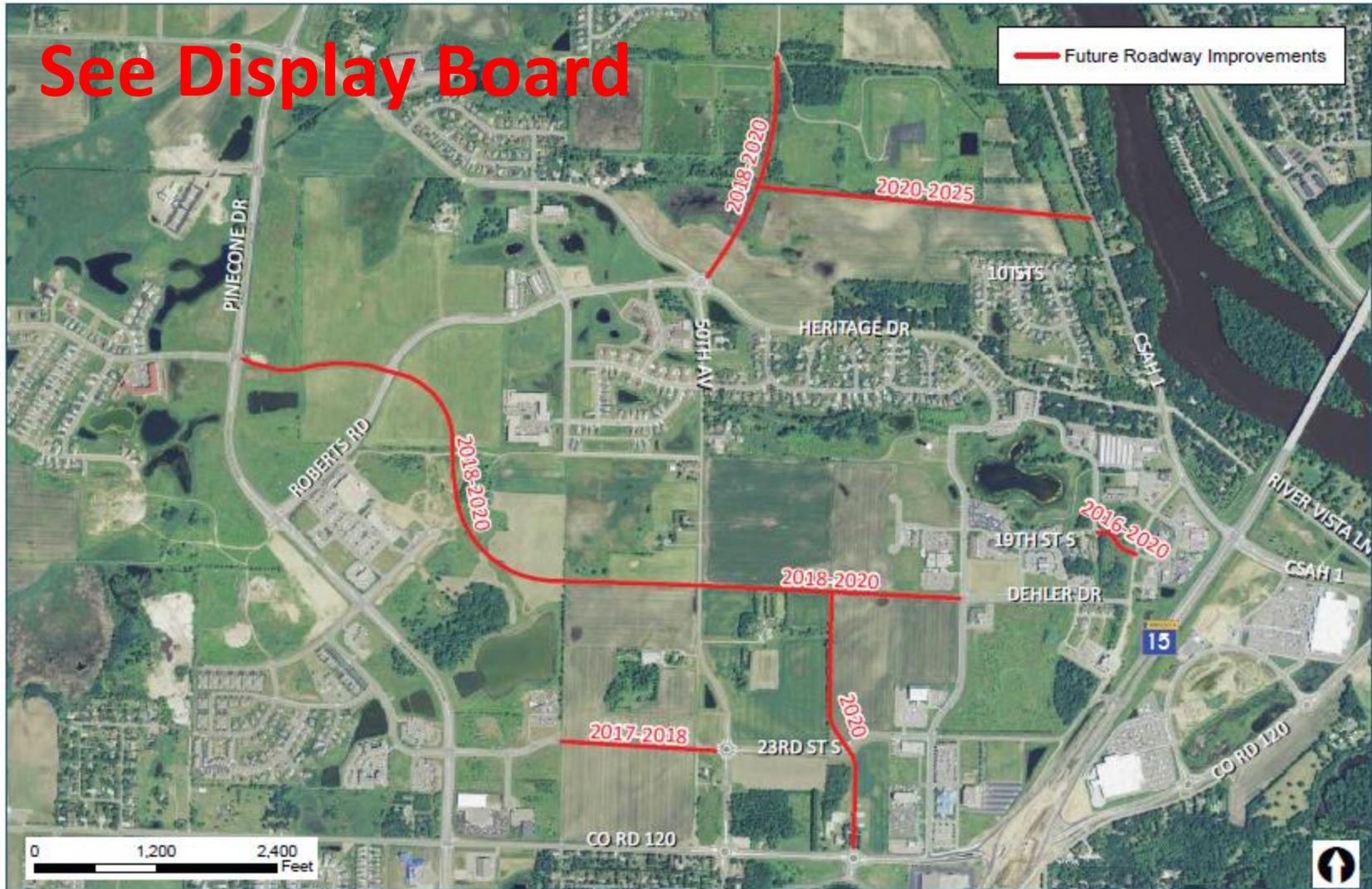
Study Goal	Study Objective
A. Access: Future transportation improvements will provide adequate access between businesses and the regional transportation network.	Proposed recommendations will be consistent with local, county, and state access management guidelines.
B. Safety: Future transportation improvements will address known safety issues occurring in the area.	Proposed recommendations will help address the above average crash rates at CSAH 1/Heritage Drive and LeSauk Drive/Twins Rivers Court (north).
C. Economic Vitality: Future transportation improvements will support the economic vitality of existing and future businesses.	Proposed recommendations will be developed in a manner that minimize the impacts to existing businesses.
D. Mobility: Future transportation improvements will improve traffic flow between businesses and the regional transportation network.	Proposed recommendations will help reduce existing travel delays at the intersections of CSAH 1/ LeSauk Drive and CSAH 1/Heritage Drive.
E. Efficiency: Future transportation improvements will support low-cost/high-benefit solutions before exploring improvements that require significant investments.	Proposed recommendations will minimize right-of-way impacts and project costs.

Planned Land Uses



Future Transportation Network

See Display Board



Traffic Forecasts



See Display Board

Existing and Future Conditions

Findings

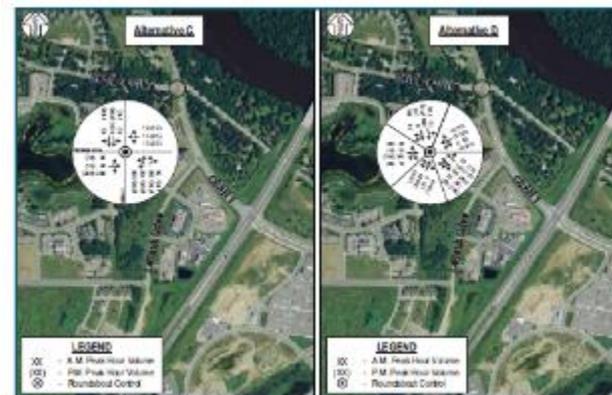
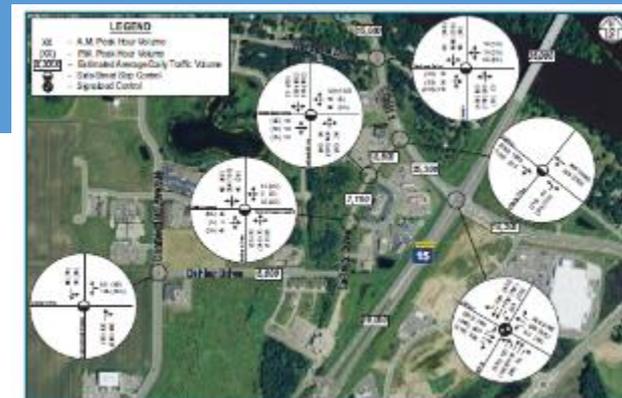
- The area will intensify with new land uses
- Traffic will continue to increase
- Safety concerns at CSAH 1/Heritage Drive
- Level of Service (LOS) will worsen overtime

Location	Existing LOS (PM)	Future LOS (PM)
CSAH 1/LeSauk Drive	D	F
CSAH 1/Heritage Drive	E	F
LeSauk Drive/Twin Rivers Court North	C	D
LeSauk Drive/Twin Rivers Court South	B	C
LeSauk Drive/Connecticut Avenue	B	C

Alternatives

Selected for Evaluation

- Alternative A
(No Build Plus)
- Alternative B
(Base Improvements)
- Alternative C
(Four Legged Roundabout)
- Alternative D
(Five Legged Roundabout)



Alternatives

Alternatives Considered

- Roundabout at CSAH 1 (south of Heritage Drive at/or near the Motors-N-More access)
- Roundabout or a traffic control signal at CSAH 1/LeSauk Drive
- Interchange at TH 15/CSAH 1

See Display Board

The table below documents the alternatives that were considered but not carried forward for further evaluation (e.g., fatal flaws).

Alternative	Proposed Improvements	Fatal Flaw
Alternative 1	<ul style="list-style-type: none">• Roundabout at CSAH 1 south of Heritage Drive at/or near the Motors-N-More access<ul style="list-style-type: none">~ Realign Heritage Drive and River Oaks Lane with the proposed roundabout• Extend and connect Evergreen Drive to the proposed roundabout<ul style="list-style-type: none">~ Eliminate/remove LeSauk Drive between CSAH 1 and Evergreen Drive	<ul style="list-style-type: none">• Significant right-of-way impacts to property owners• Construction delays associated with the programmed improvements on CSAH 1• The realignment of Heritage Drive and River Oaks Lane will significantly increase construction costs and right-of-way acquisition
Alternative 2	<ul style="list-style-type: none">• Roundabout or a traffic control signal at CSAH 1/LeSauk Drive	<ul style="list-style-type: none">• Improvements do not align with the County, St. Cloud APO, and MnDOT access spacing guidelines• Traffic studies indicate the potential for traffic queues backing up into the CSAH 1/LeSauk Drive intersection from the CSAH 1/TH 15 intersection
Alternative 3	<ul style="list-style-type: none">• Interchange at TH 15/CSAH 1	<ul style="list-style-type: none">• The proposed improvement is not consistent with MnDOTs long-range plans or State Highway Improvement Program

Alternative Evaluated

Alternative A (No Build Plus)

- Four Lane CSAH 1 between TH 15 and LeSauk Drive
- Maintain current access at CSAH 1 and LeSauk Drive
- Intersection Improvements at TH 15 and CSAH 1

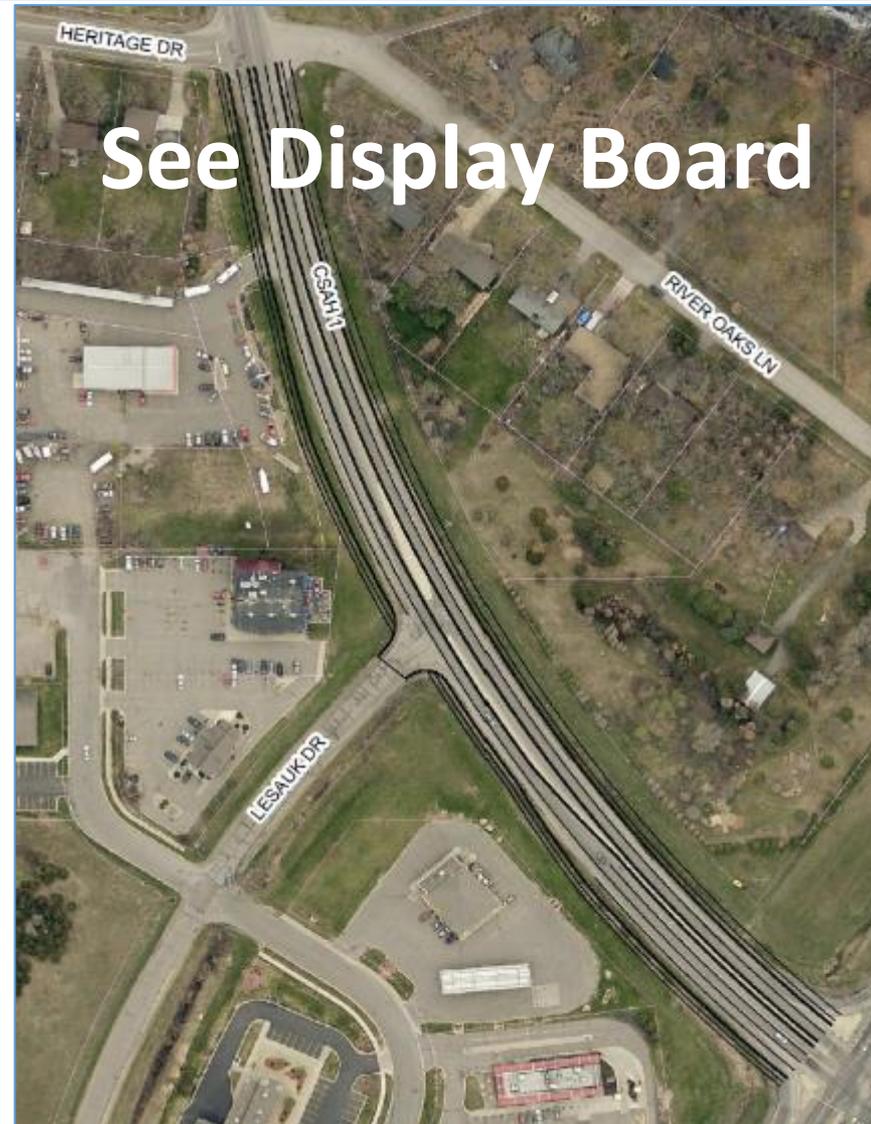
Do Nothing Approach



Alternative Evaluated

Alternative B (Base Scenario: Planned Improvements)

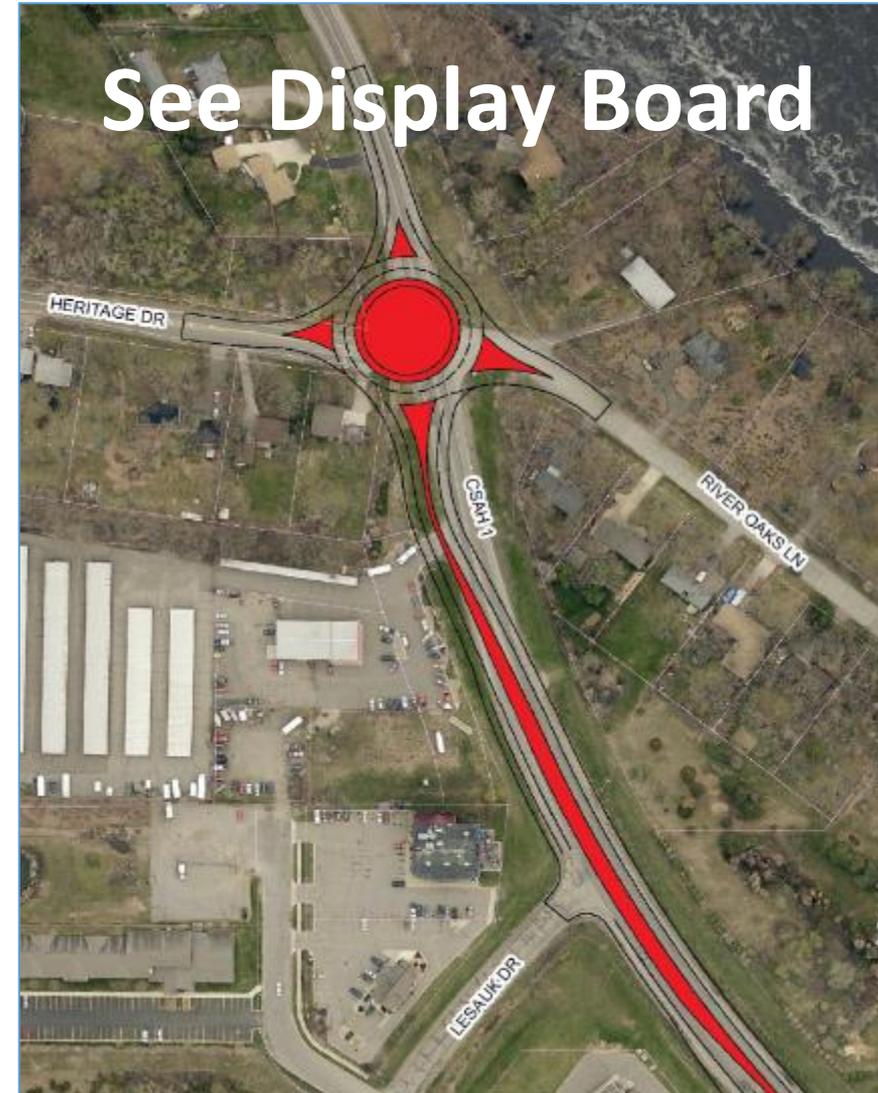
- Right-in/Right-out at CSAH 1 and LeSauk Drive
- Four-lane CSAH 1 between TH 15 and Heritage Drive
- Intersection Improvements at TH 15 and CSAH 1



Alternative Evaluated

Alternative C (Four-Legged Roundabout)

- Base Improvements (Alternative B)
- Roundabout at CSAH 1 and Heritage Drive
- 19th Street Extension (between Amber Avenue South and LeSauk Drive)



Alternative Evaluated

Alternative D (Five-Legged Roundabout)

- Base Improvements
- Roundabout at CSAH 1 and Heritage Drive
- 19th Street Extension (between Amber Avenue South and LeSauk Drive)
- Evergreen Drive extension connection to the roundabout (fifth leg) at CSAH 1 and Heritage Drive



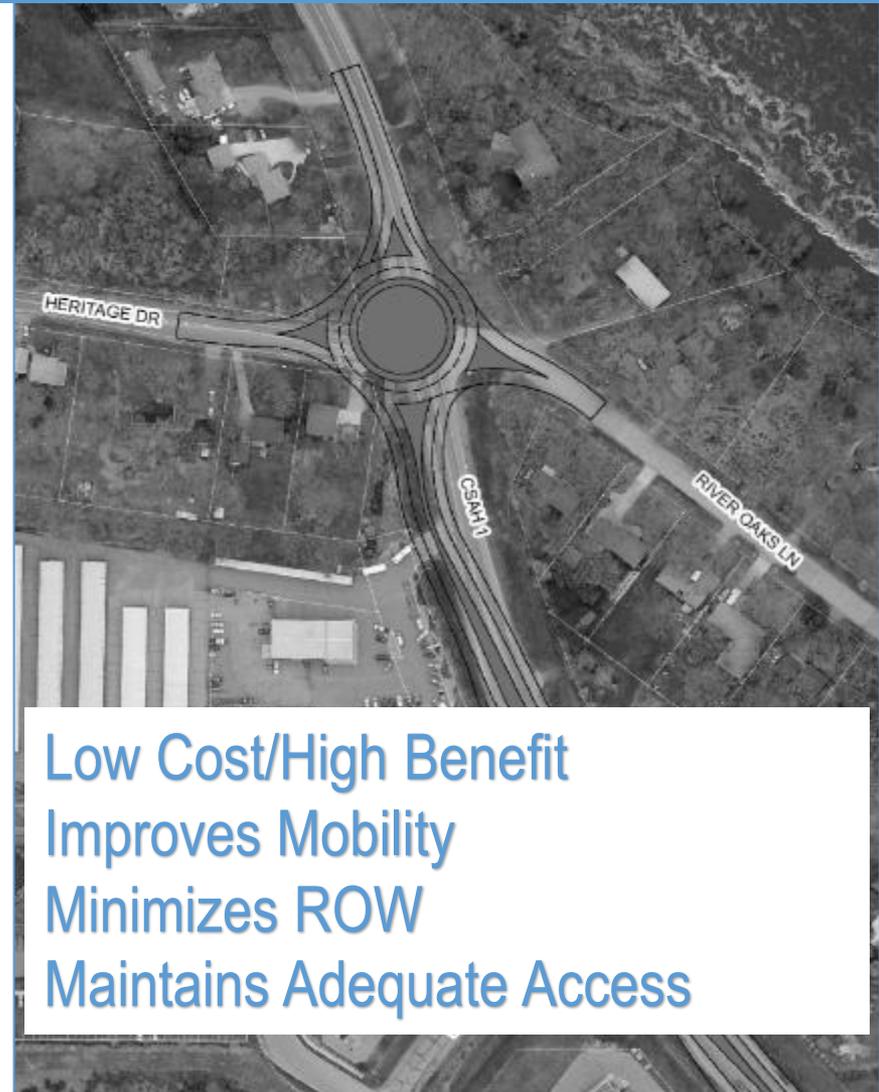
Alternative Evaluation Criteria

Study Goals and Objectives		Access	Safety	Mobility		Economic Vitality	Efficiency	
		<p>Goal: Future transportation improvements will provide adequate access between businesses and the regional transportation network.</p> <p>Objective: Proposed recommendations will be consistent with local, county, and state access management guidelines.</p>	<p>Goal: Future transportation improvements will address known safety issues occurring in the area.</p> <p>Objective: Proposed recommendations will help address the above average crash rates at CSAH 1/Heritage Drive and LeSauk Drive/Twins Rivers Court (AM/PM).</p>	<p>Goal: Future transportation improvements will improve traffic flow between businesses and the regional transportation network.</p> <p>Objective: Proposed recommendations will help reduce existing travel delays at the intersections of LeSauk Drive/CSAH 1 and CSAH 1/Heritage Drive.</p>	<p>Goal: Future transportation improvements will support the economic vitality of existing and future businesses.</p> <p>Objective: Proposed recommendations will be developed in a manner that minimize the impacts to existing businesses.</p>	<p>Goal: Future transportation improvements will support low-cost/high-benefit solutions before exploring improvements that require significant investments.</p> <p>Objective: Proposed recommendations will minimize right-of-way impacts and project costs.</p>		
Evaluation Criteria		Access to LeSauk Drive via CSAH 1	Safety Issues	Year 2040 Side-Street Level of Service at CSAH 1/LeSauk Dr. (AM/PM)	Year 2040 Side-Street Level of Service at CSAH 1/Heritage Dr. (AM/PM)	Business Impacts	Right-of-Way Impacts	Project Cost (includes right-of-way)
Alternatives	Alternative A (No-Build Plus)	Existing access remains as today	Improvements do not address safety concern at CSAH 1/Heritage Dr.	Level of Service E	Level of Service F/F	A "do nothing" approach will not address existing mobility issues and traffic delays, which may have negative impacts on businesses	Little or no right-of-way impacts	\$ (\$615,000)
	Alternative B (Base Scenario)	The base improvements will pose challenges for patrons entering/exiting the businesses via northbound CSAH 1	Improvements do not address safety concern at CSAH 1/Heritage Dr.	Level of Service D/D	Level of Service F/F	The base improvements will not address existing mobility issues and traffic delays, which may have negative impacts on businesses	Little or no right-of-way impacts	\$ - \$\$ (\$1,725,000)
	Alternative C (Four-Legged Roundabout)	The roundabout will provide adequate access for patrons entering/exiting the businesses via CSAH 1	Improvements will help mitigate safety concerns at CSAH 1/Heritage Dr.	Level of Service D/D	Level of Service B/B	The proposed improvements will reduce traffic delays, improving access to LeSauk Dr. (via the roundabout), and traffic flow throughout the study area	Right-of-way impacts to adjacent properties	\$\$\$ (\$3,150,000)
	Alternative D (Five-Legged Roundabout)	The five-legged roundabout will provide full access for patrons entering and exiting the businesses	Improvements will help mitigate safety concerns at CSAH 1/Heritage Dr.	Level of Service D/D	Level of Service B/C	The proposed improvements will reduce traffic delays, improving access to LeSauk Dr. (via the roundabout), and traffic flow throughout the study area	Significant right-of-way impacts to adjacent properties	\$\$\$\$ (\$4,425,000)
Key:		Provides the highest benefit in achieving the study goal and objective.	Provides a moderate level of benefit in achieving the study goal and objective.	Provides little or no benefit in achieving the study goal and objective.				

Recommend Alternative

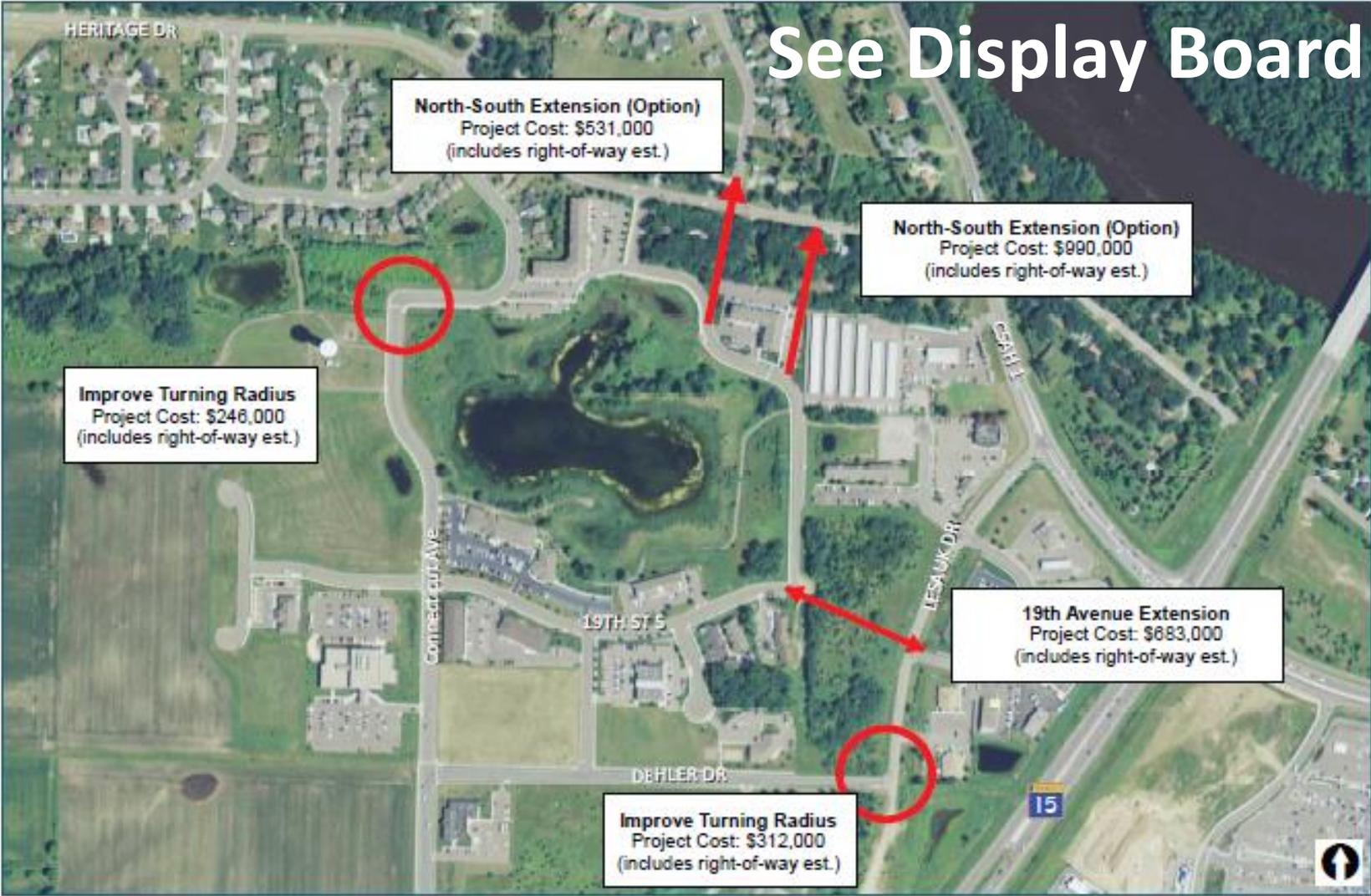
Alternative C (Four-Legged Roundabout)

- Base Improvements (Alternative B)
- Roundabout at CSAH 1 and Heritage Drive
- 19th Street Extension (between Amber Avenue South and LeSauk Drive)



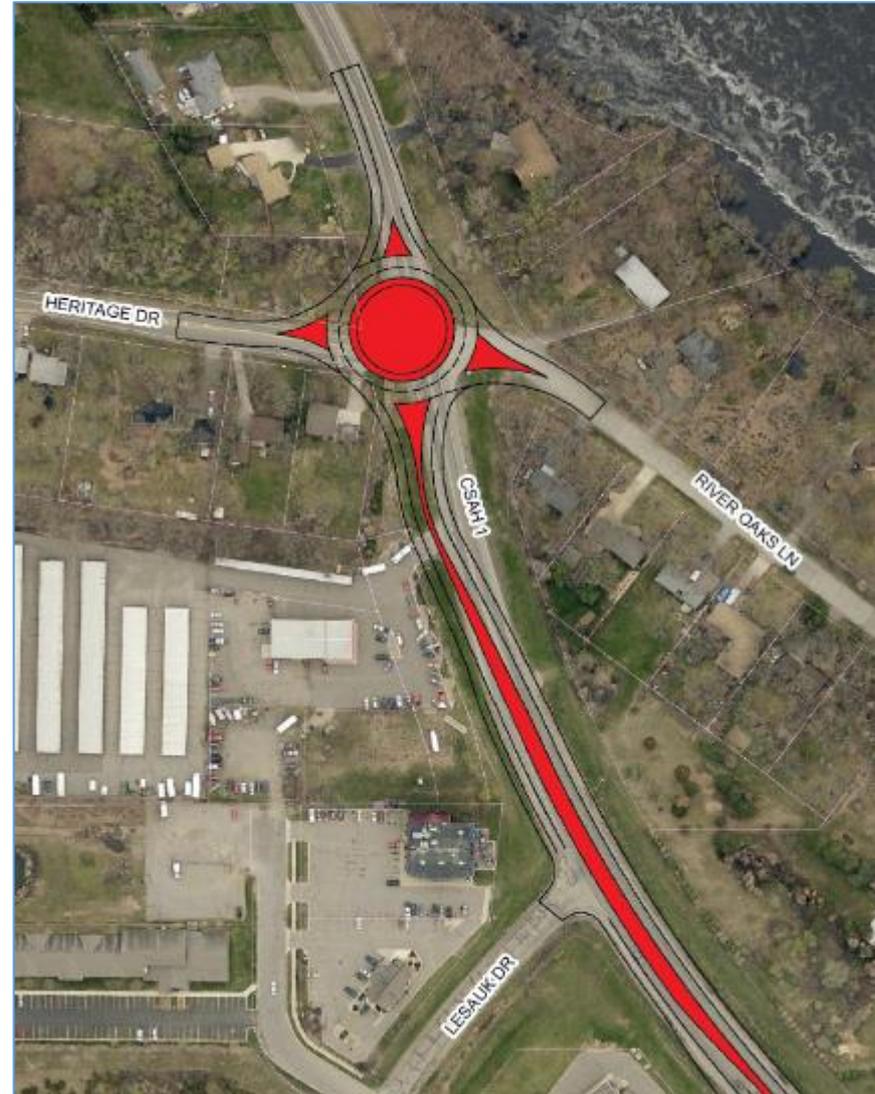
Low Cost/High Benefit
Improves Mobility
Minimizes ROW
Maintains Adequate Access

Supplemental Improvements



Next Steps

- The recommended alternative will be presented to the Sartell City Council for consideration



Thank You

Questions and Answers

