

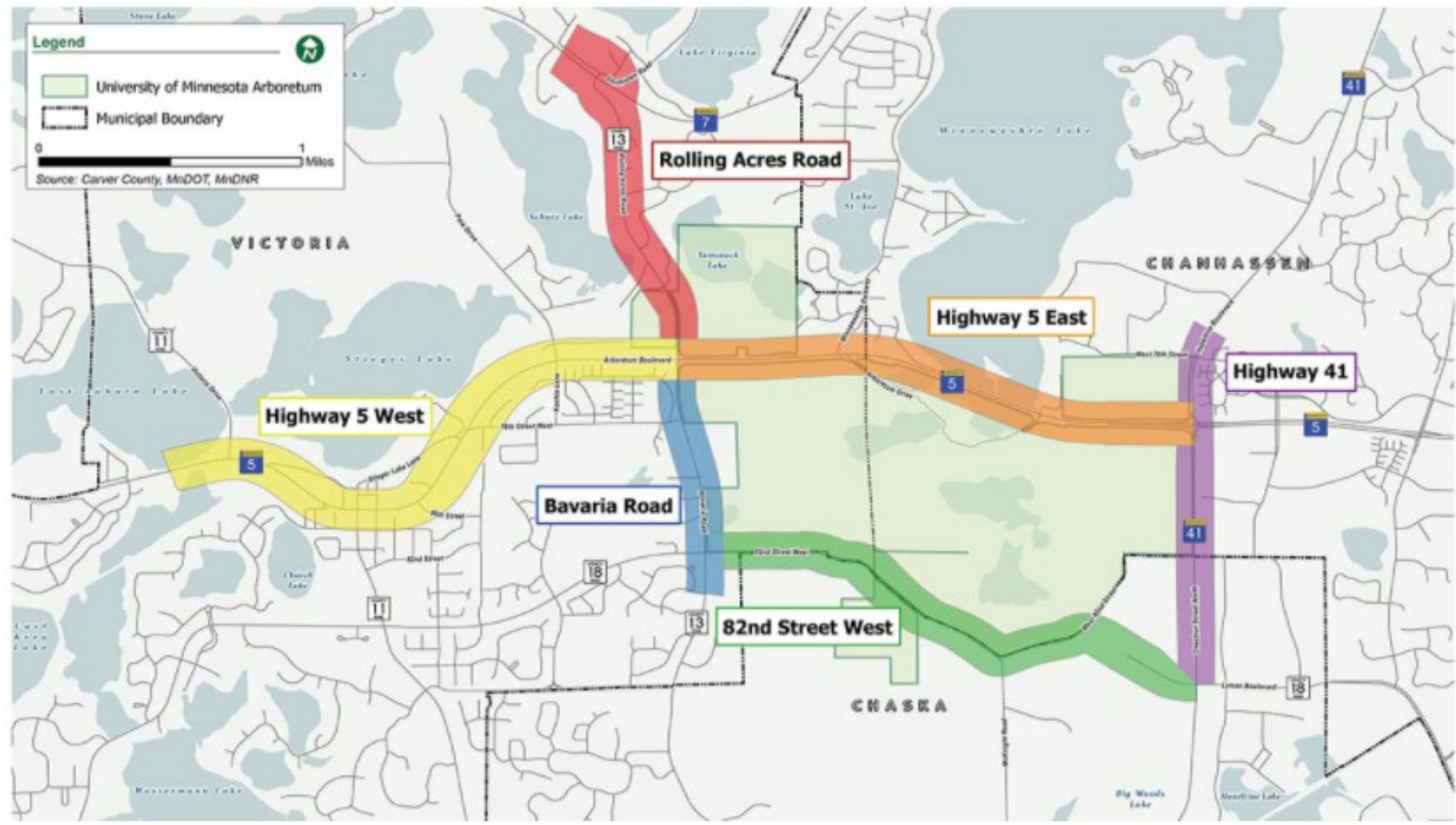
# Arboretum Area Transportation Plan

Crimson Bay Road Neighborhood Meeting  
January 21, 2021



# Agenda

- Study Overview
- Engagement to Date
- Vision
- Next Steps



# Study Overview

## Project Goals



Vehicle Mobility



Safety for All Travelers



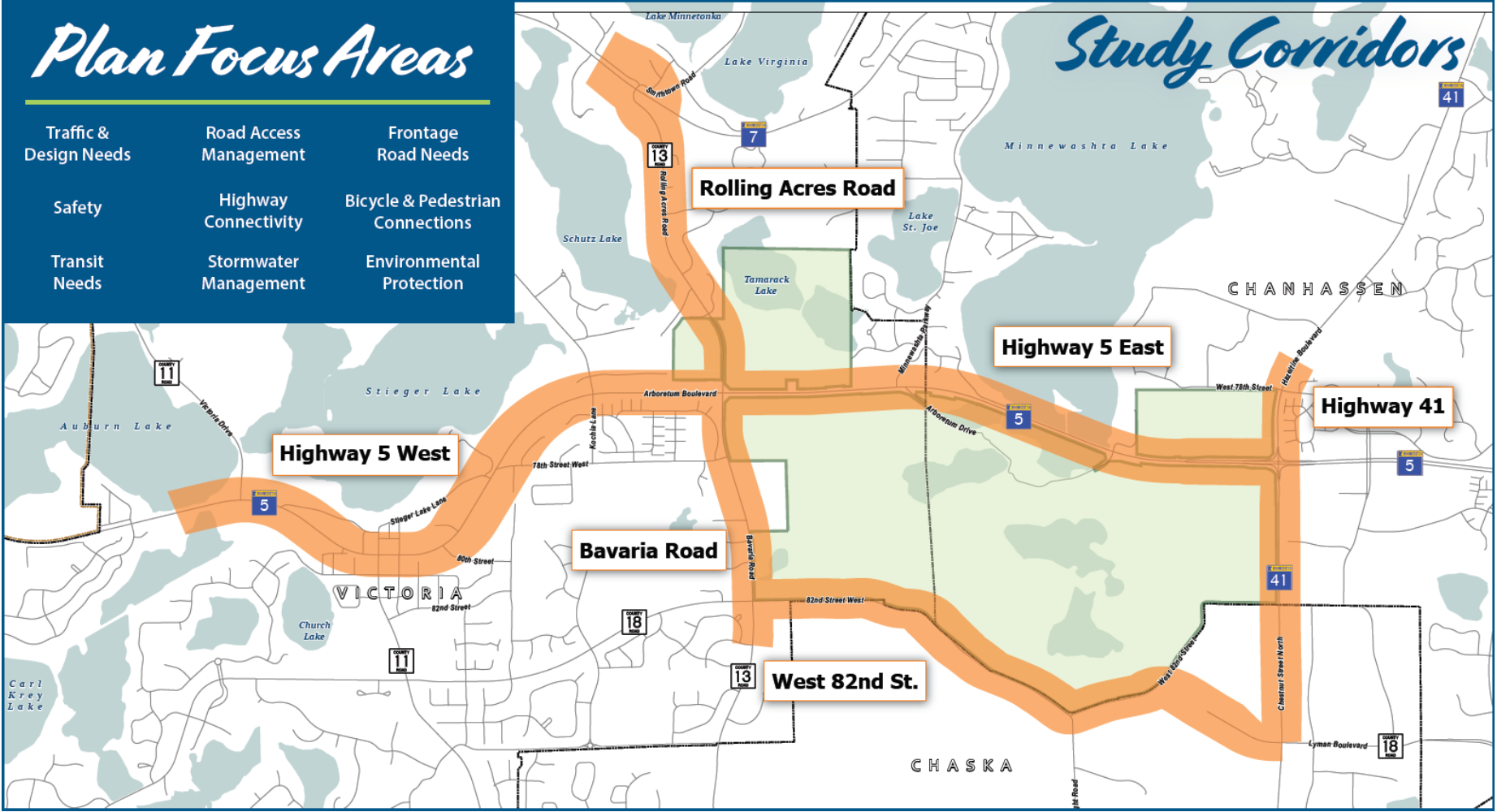
Pedestrian and Bicycle Access



Environmental Considerations



Financial Responsibility



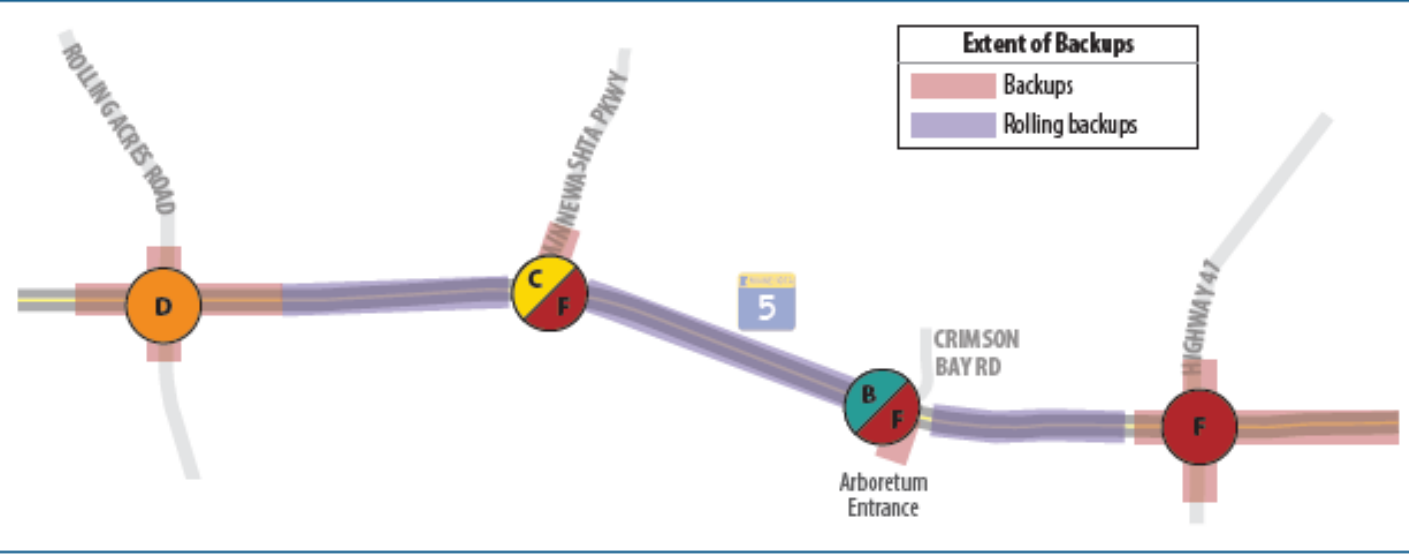
# Project Needs Overview

## Existing Delay and Backups (PM Peak)

**Intersection Level of Service (LOS)**

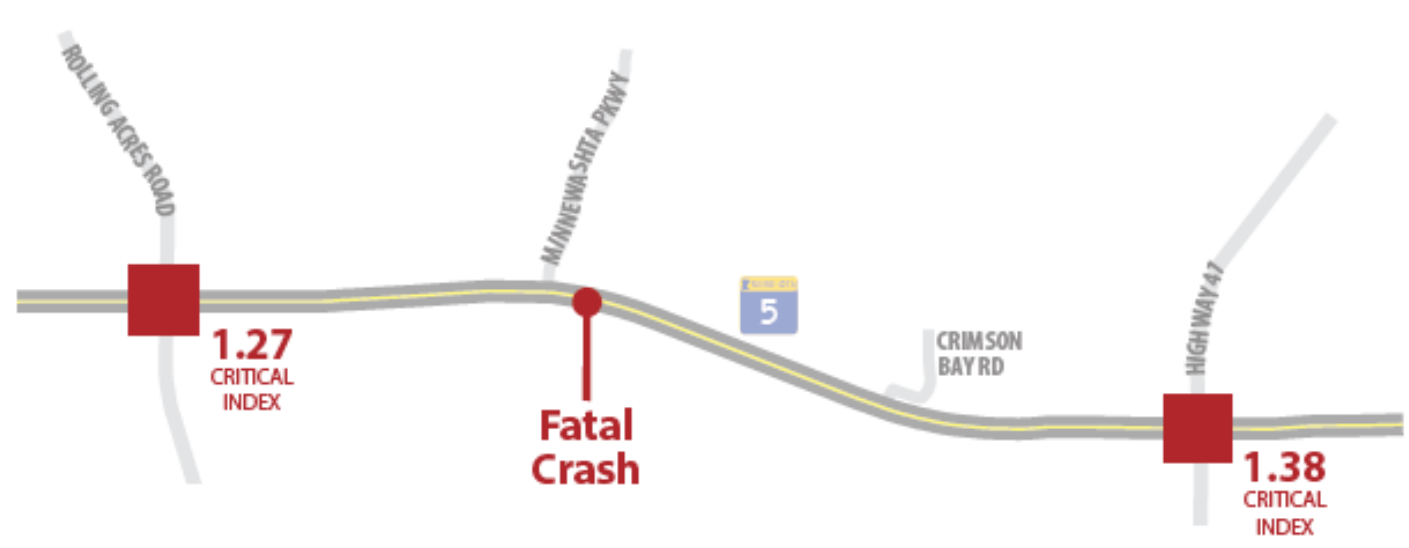
⊗ Overall LOS Signalized Intersection    ⊗ Overall/Worst Leg LOS Unsignalized Intersection

Acceptable	A	Minimal delays.
	B	Low level of delay and backups.
	C	Some delays with occasional backups.
	D	Some extensive delays. Moderate backups.
Not Acceptable	E	Traffic at capacity. Long delays and backups.
	F	Traffic exceeds capacity. Very long delays and backups.

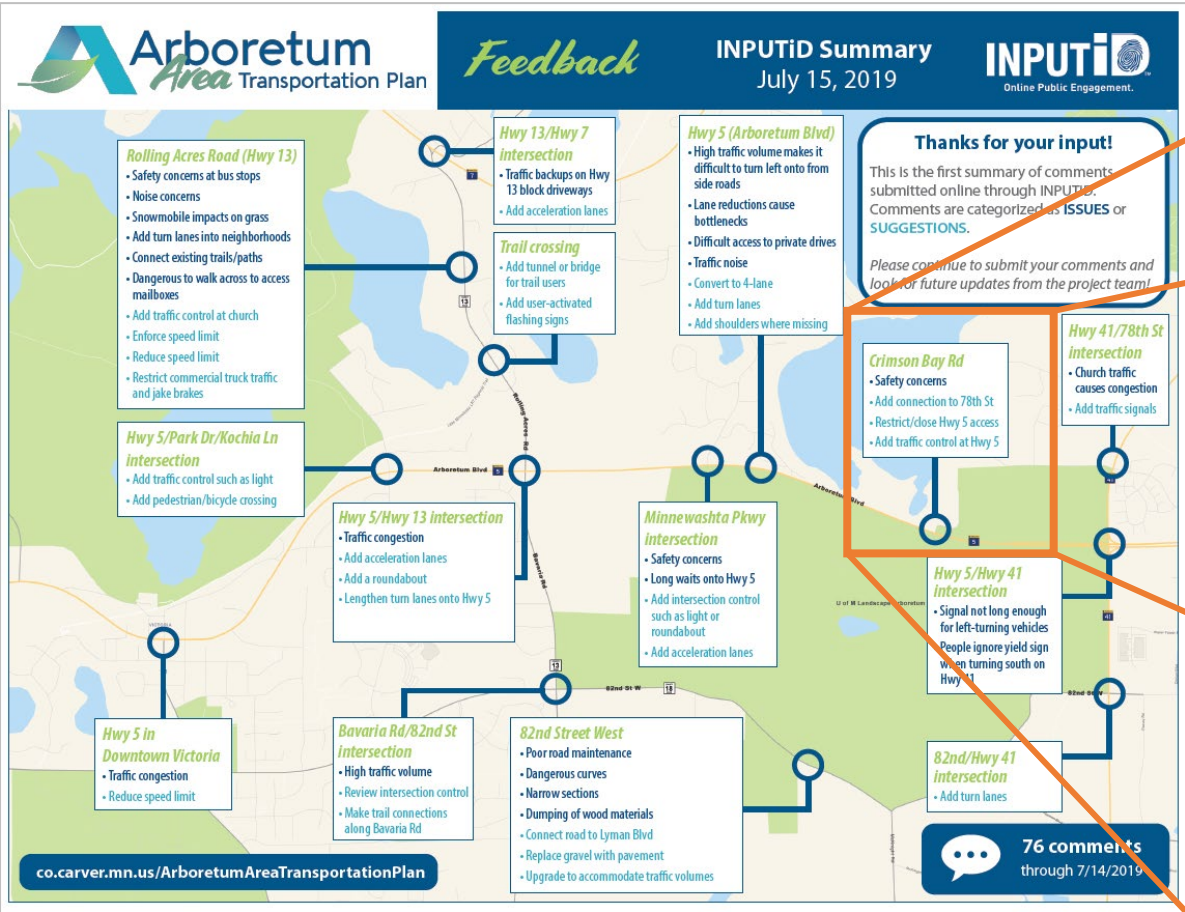


## Crash Issues

Intersections with a critical index above 1.0 indicate a strong likelihood of a geometric design, access, or traffic control issue.



# Open House Feedback



Summary of online comment mapping (July 2019) – Open House 1

# Open House Feedback

**KEY TO SCORES**

- OVERALL SCORE -** Does not meet measure
- OVERALL SCORE 0** Minimally meets measure
- OVERALL SCORE +** Meets measure
- OVERALL SCORE ++** Exceeds measure

**Concept 1:**  
Right-In/Right-Out and Connection to 78th Street



**OVERALL SCORE**  
++

*Scorecard*

	Vehicle Mobility	++
	User Safety	++
	Support Multimodal Network	n/a
	Respect the Environment	++
	Financial Responsibility	++

**Concept 2:**  
Right-In/Right-Out with Left-Turn In

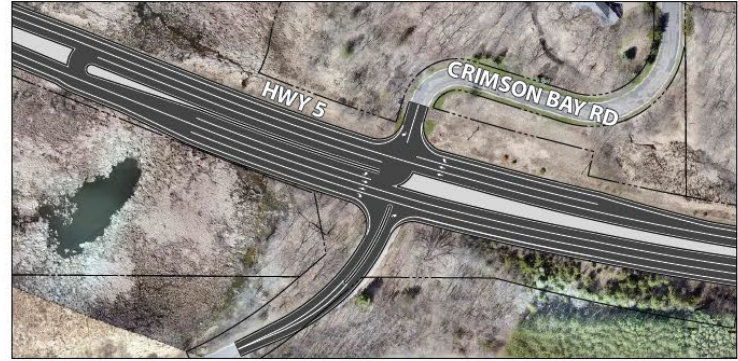


**OVERALL SCORE**  
+

*Scorecard*

	Vehicle Mobility	++
	User Safety	+
	Support Multimodal Network	n/a
	Respect the Environment	++
	Financial Responsibility	+

**Concept 3:**  
Right-In/Right-Out with Left-Turn In and U-Turn



**OVERALL SCORE**  
+

*Scorecard*

	Vehicle Mobility	++
	User Safety	+
	Support Multimodal Network	n/a
	Respect the Environment	++
	Financial Responsibility	+

# Open House Feedback

**Concept 1:**  
Right-In/Right-Out and Connection to 78th Street



Scorecard		OVERALL SCORE
Vehicle Mobility	++	++
User Safety	++	
Support Multimodal Network	n/a	
Respect the Environment	++	
Financial Responsibility	++	

**Concept 2:**  
Right-In/Right-Out with Left-Turn In



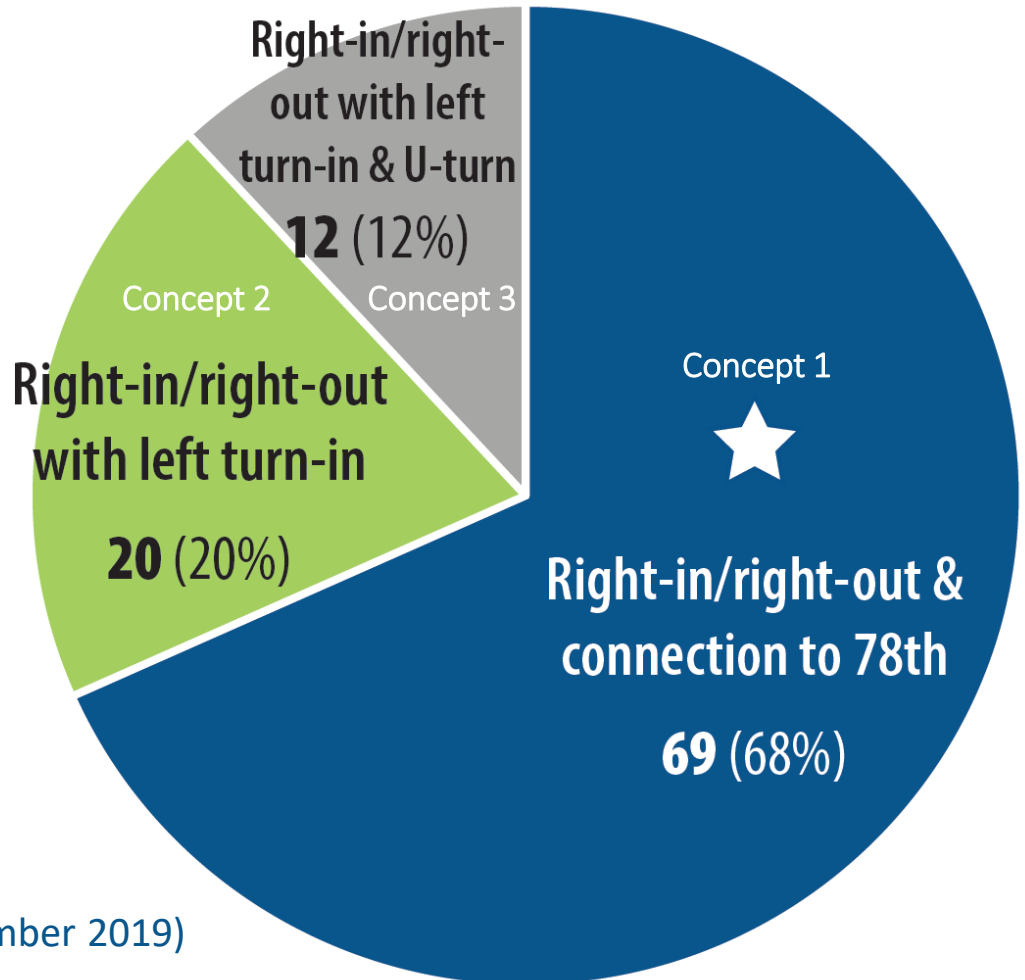
Scorecard		OVERALL SCORE
Vehicle Mobility	++	+
User Safety	+	
Support Multimodal Network	n/a	
Respect the Environment	++	
Financial Responsibility	+	

**Concept 3:**  
Right-In/Right-Out with Left-Turn In and U-Turn

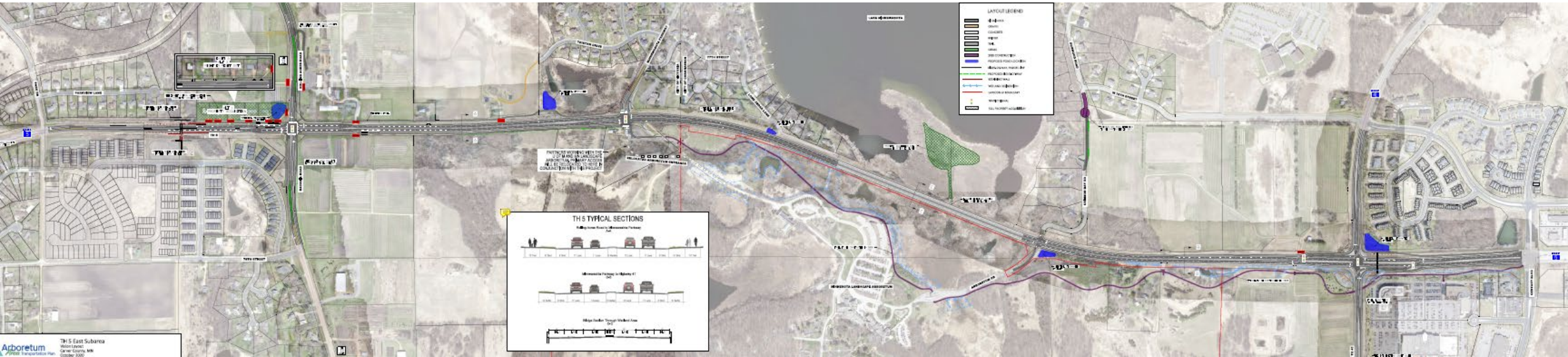


Scorecard		OVERALL SCORE
Vehicle Mobility	++	+
User Safety	+	
Support Multimodal Network	n/a	
Respect the Environment	++	
Financial Responsibility	+	

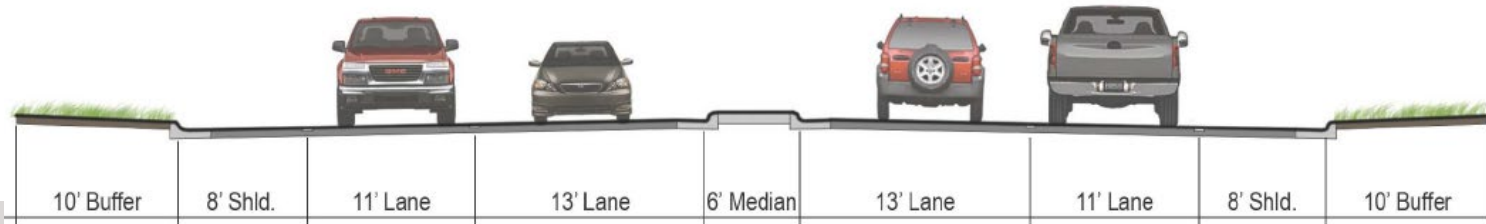
## Highway 5/Crimson Bay Road/Arboretum Drive Intersection Concepts



# TH 5 East - Vision

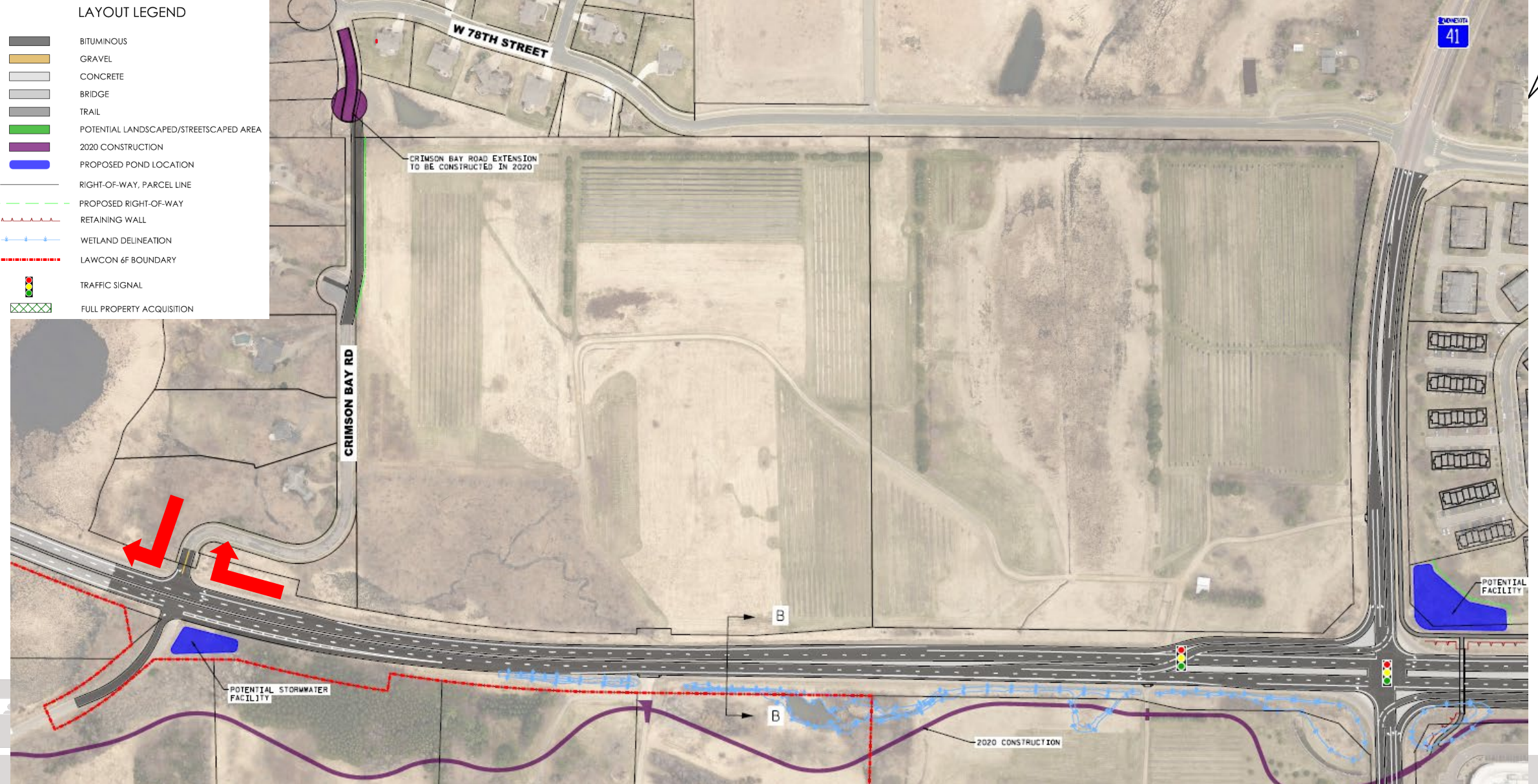


Arboretum  
TH 5 East Subarea  
Map Date: 10/20/2020  
October 2020





# TH 5 East - Vision



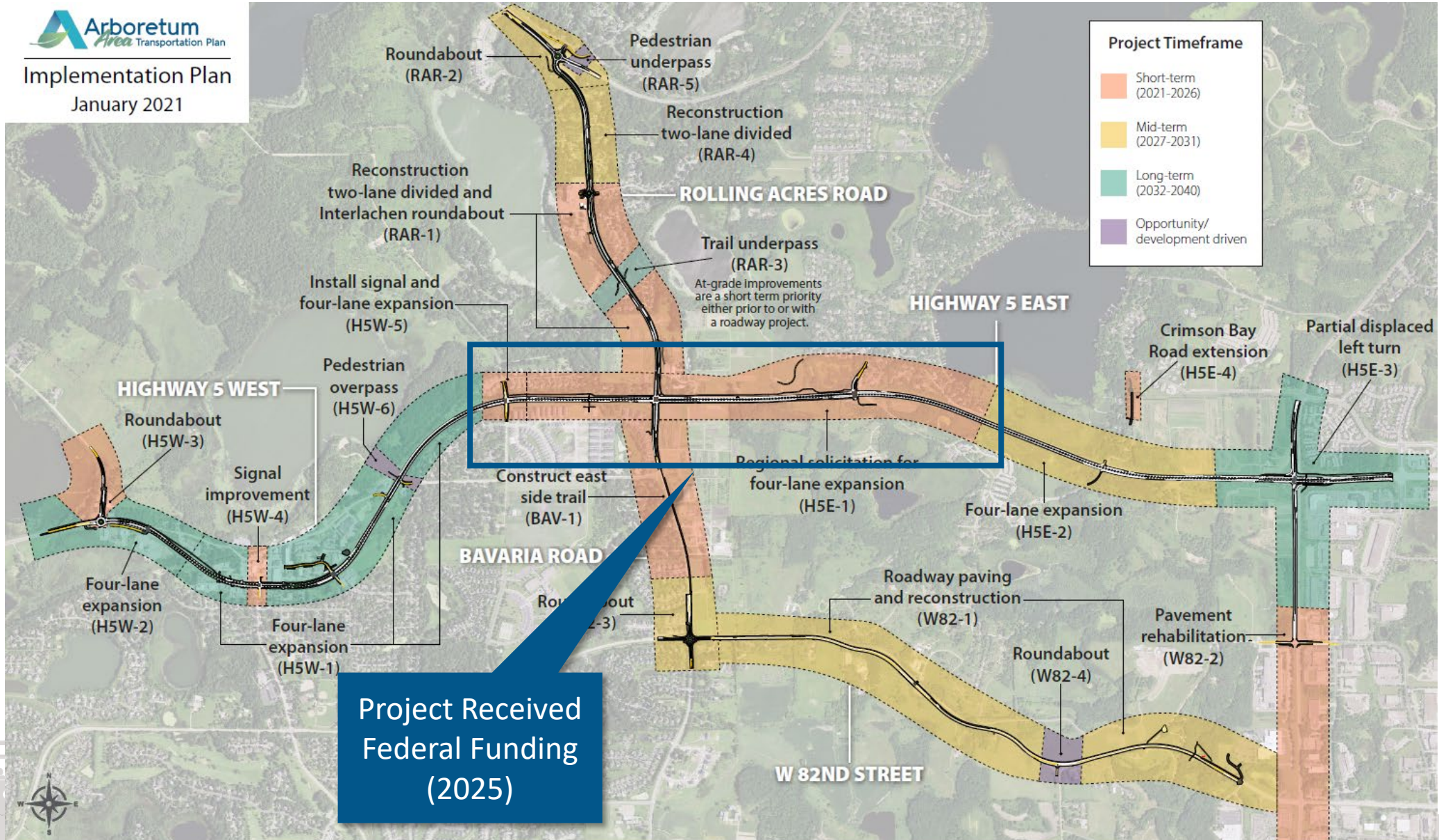
# TH 5 East – Lake Minnewashta Area



**Lake Minnewashta Bridge Concept**

# Potential Timing of Improvements

Arboretum Area Transportation Plan  
 Implementation Plan  
 January 2021



# Next Steps

- February – Council Adoption of Study Recommendations
- Crimson Bay Road Project
  - Secure competitive funding
  - Prepare design plans / coordinate with neighborhood
  - Construction (potentially as soon as 2023)
- Development of 2025 TH 5 Project
  - Arboretum to prepare plans to relocate access
  - Carver County to prepare plans to expand TH 5
  - Continued engagement thru the development of the project
  - 2021 to 2024 – Further design of expansion project along Hwy 5
  - 2025 Construction

***Project Website***

<https://www.co.carver.mn.us/ArboretumAreaTransportationPlan>

