

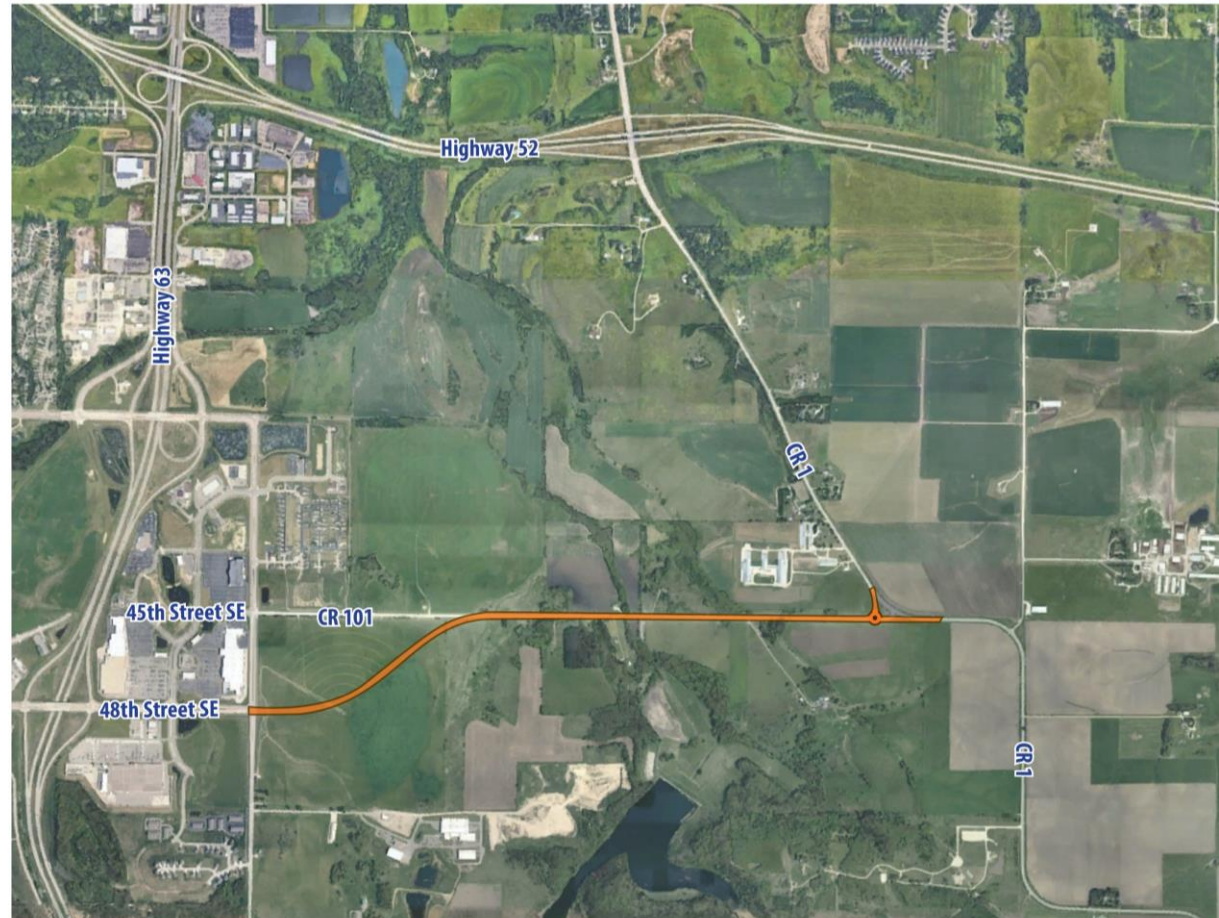
County Road 101(CR 101) Reconstruction

**Virtual Open House
December 2020**



CR 101 Project Overview

CR 101 (45th Street SE) from St. Bridgets Road to CR 1, planned for reconstruction in 2021, is a major collector in Olmsted County's transportation system. This gravel roadway has been a county road since 1969 and has not been reconstructed during the 51 years the County has been responsible for the roadway.



CR 101 Project Need



CR 101 Project Need

Roadway users experienced a higher crash rate on this gravel surfaced roadway than on similar roadways state-wide for 2017-2019. As traffic continues to increase on the roadway, more users will experience crashes without improvements to the roadway.

Likely contributing factors to the above average crash rate include the type of surfacing and substandard roadway geometrics.

- It is difficult to maintain the gravel surface often enough for the current traffic levels.
- The roadway elevation is nearly the same; or in some cases lower than, the land next to it. This, along with a lack of defined ditches for snow storage and creates snow traps; requiring more frequent winter maintenance.

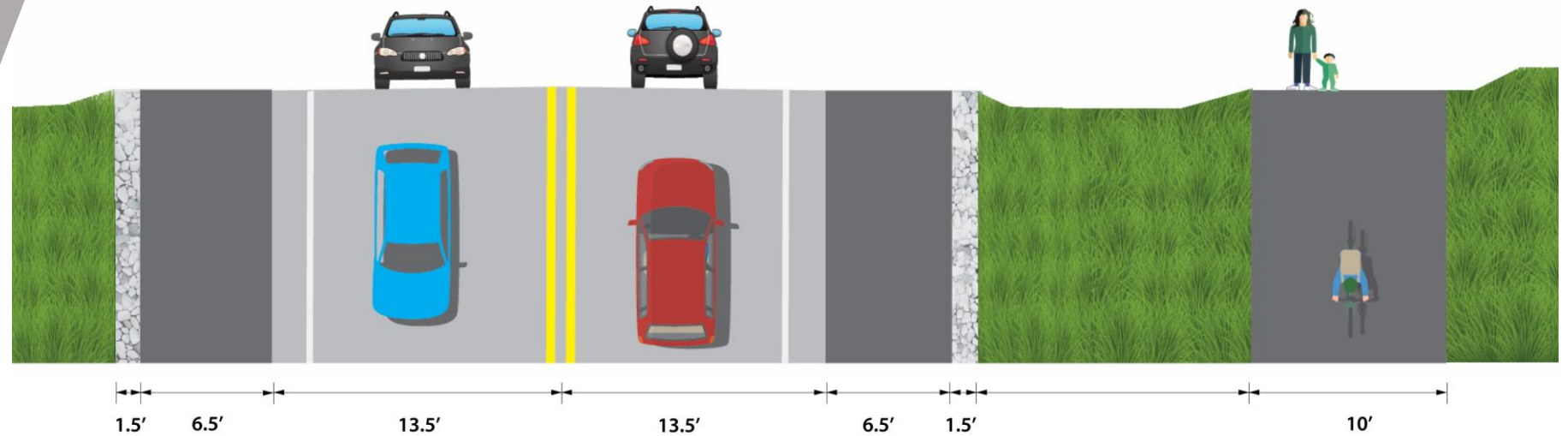
Truck traffic is largely prohibited from using the roadway in the Spring.

- The roadway is posted at 6 Tons during the Spring Load Restriction time period as the gravel roadway does not have adequate strength to carry the loads during the Spring thaw.



CR 101 Project Purpose

The reconstruction of CR 101 will result in a roadway that meets current MnDOT State Aid Standards. This will address all existing deficiencies and provide a safer, year-round 10-ton roadway and a multi-use trail.



Design Features

- Concrete Pavement
- Bituminous Paved Shoulders
- Bituminous Multi-Use Paved Trail
- ADA Compliant Pedestrian Facilities
- Intersection Lighting
- High Visibility Crosswalk Markings
- Stormwater Treatment
- Roundabout



CR 101 Traffic Safety

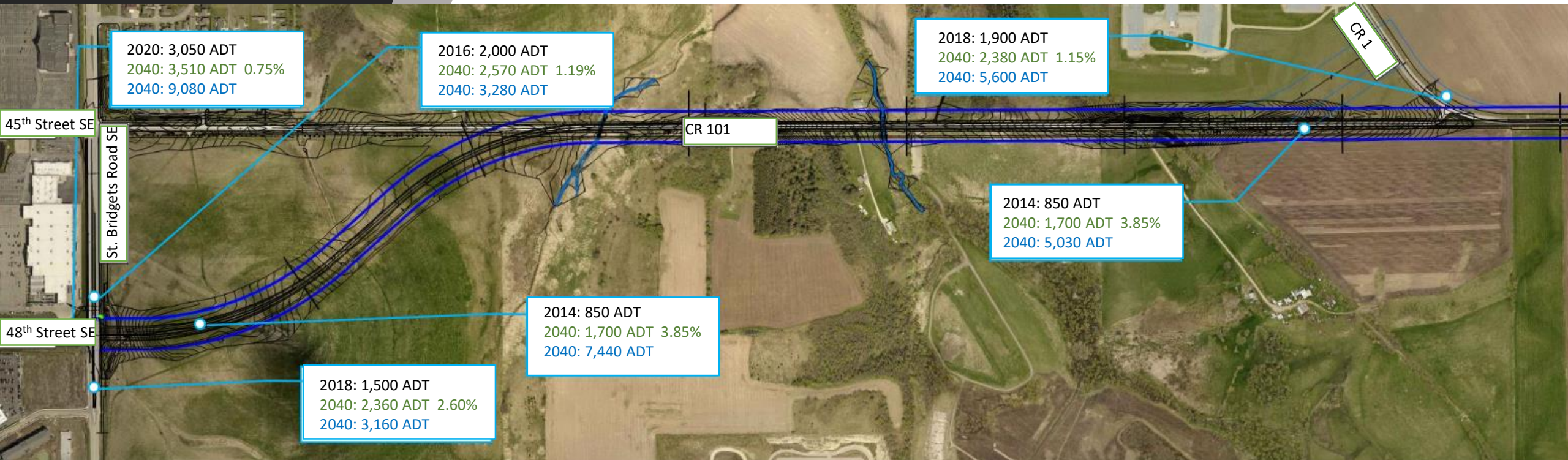
Crash Data 2017 -2019
(excludes crashes at
intersections)

7 Single Vehicle Runoff the Road Crashes

- 3 involved snowy/icy roadway surface.
- 1 involved a vehicle passing another one and creating a dust cloud. The driver who was passed couldn't see and ran off road.
- 1 occurred when the roadway was being graded. A car hit the windrow of gravel down the middle of roadway and the driver lost control.
- 1 involved a vehicle that the driver left behind, cause undetermined.
- 1 involved a vehicle pulling a trailer that was avoiding a crash with an approaching vehicle crossing into their lane.



Current and Projected Future Traffic



CR 101 Traffic Study – Intersection Control Evaluations

CR 101 and St. Bridgets Road SE Intersection Traffic Control Change

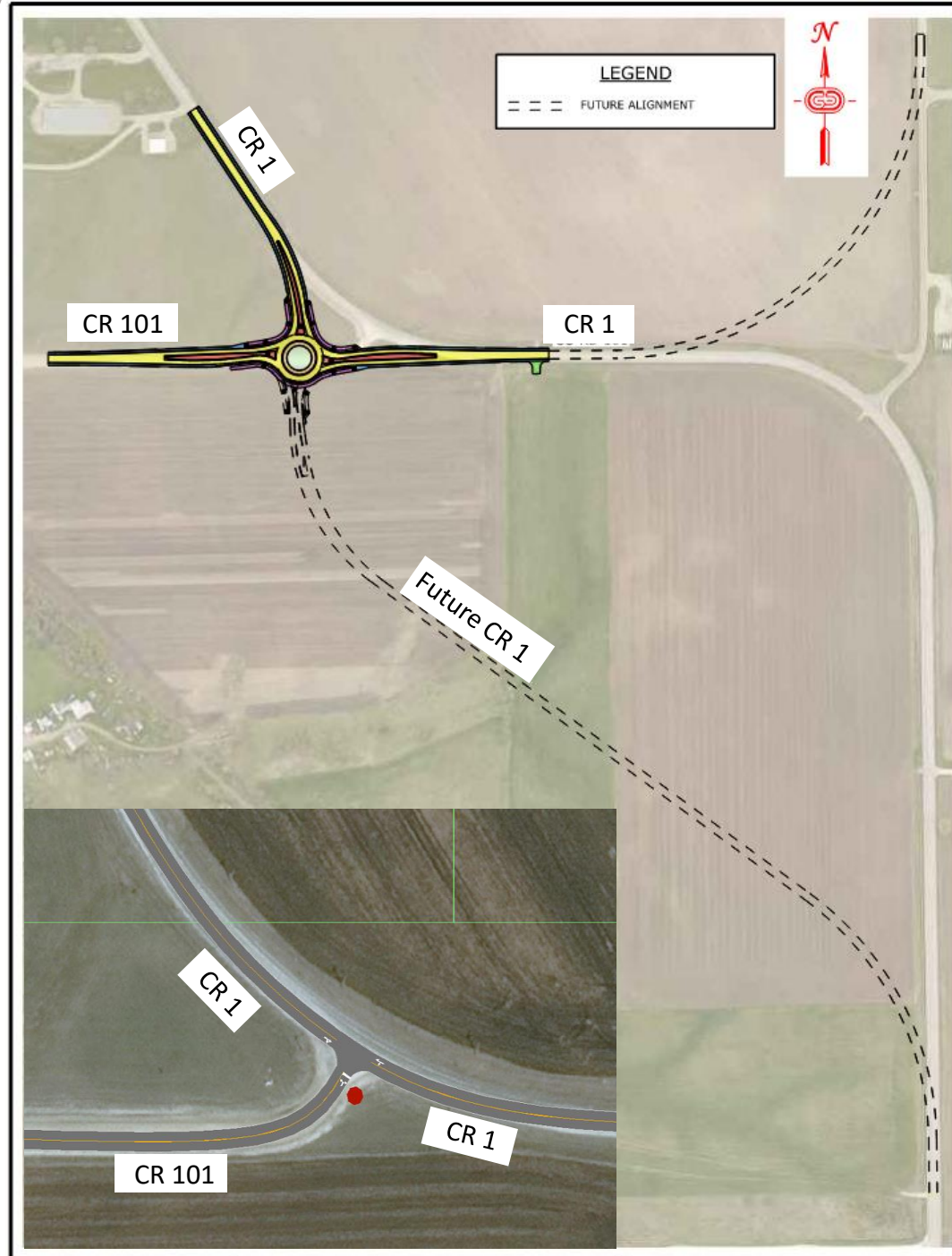


Install Two Way Stop Control for Northbound and Southbound St. Bridgets Road SE

Remove Stop Control for Eastbound 48th Street SE

CR 101 Traffic Study – Intersection Control Evaluation

CR 101 and CR 1
(Simpson Rd SE)

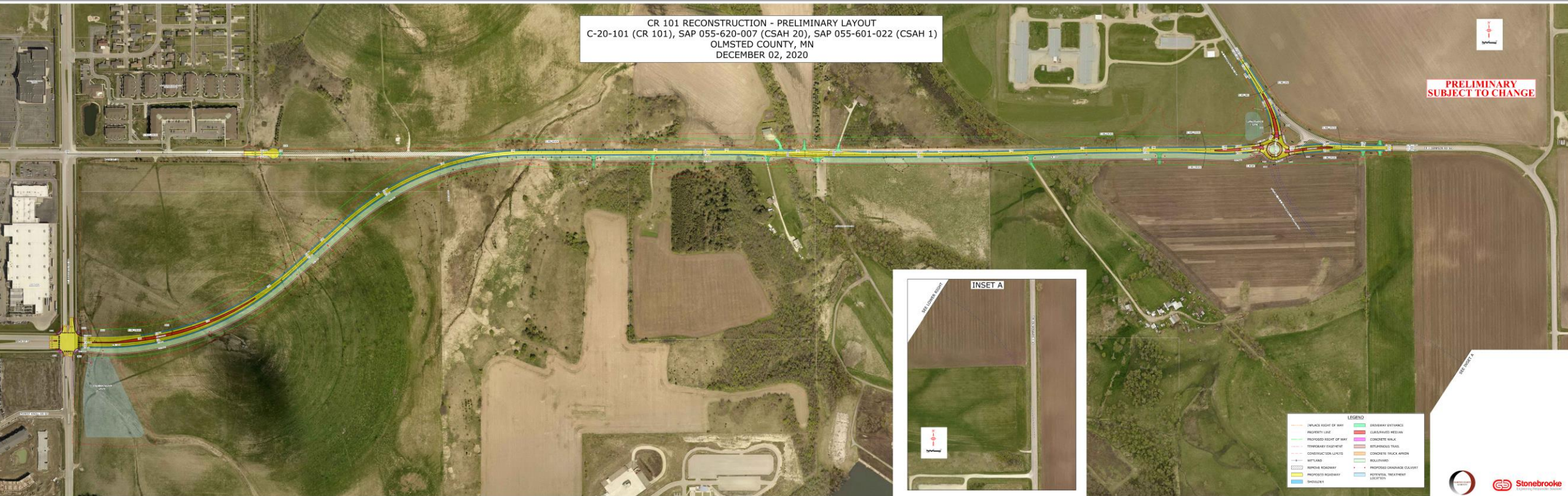


A roundabout is recommended to improve geometrics at the intersection with this project and to set the stage for eliminating substandard horizontal curves in the future.



Roadway Design Layout

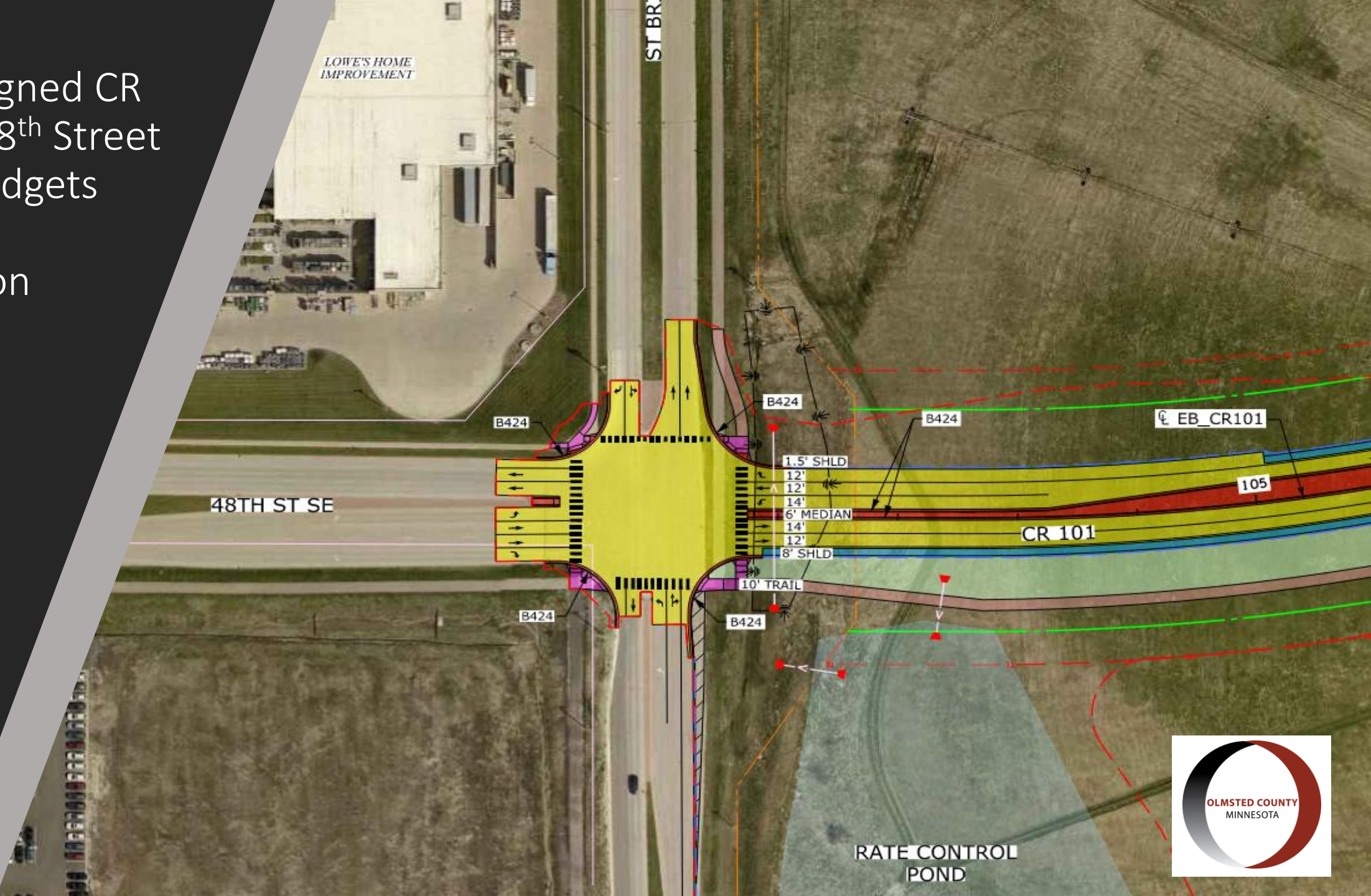
[Click Here](#) to zoom in on the Layout Map



New Realigned CR 101 and 48th Street SE / St. Bridgets Road SE Intersection



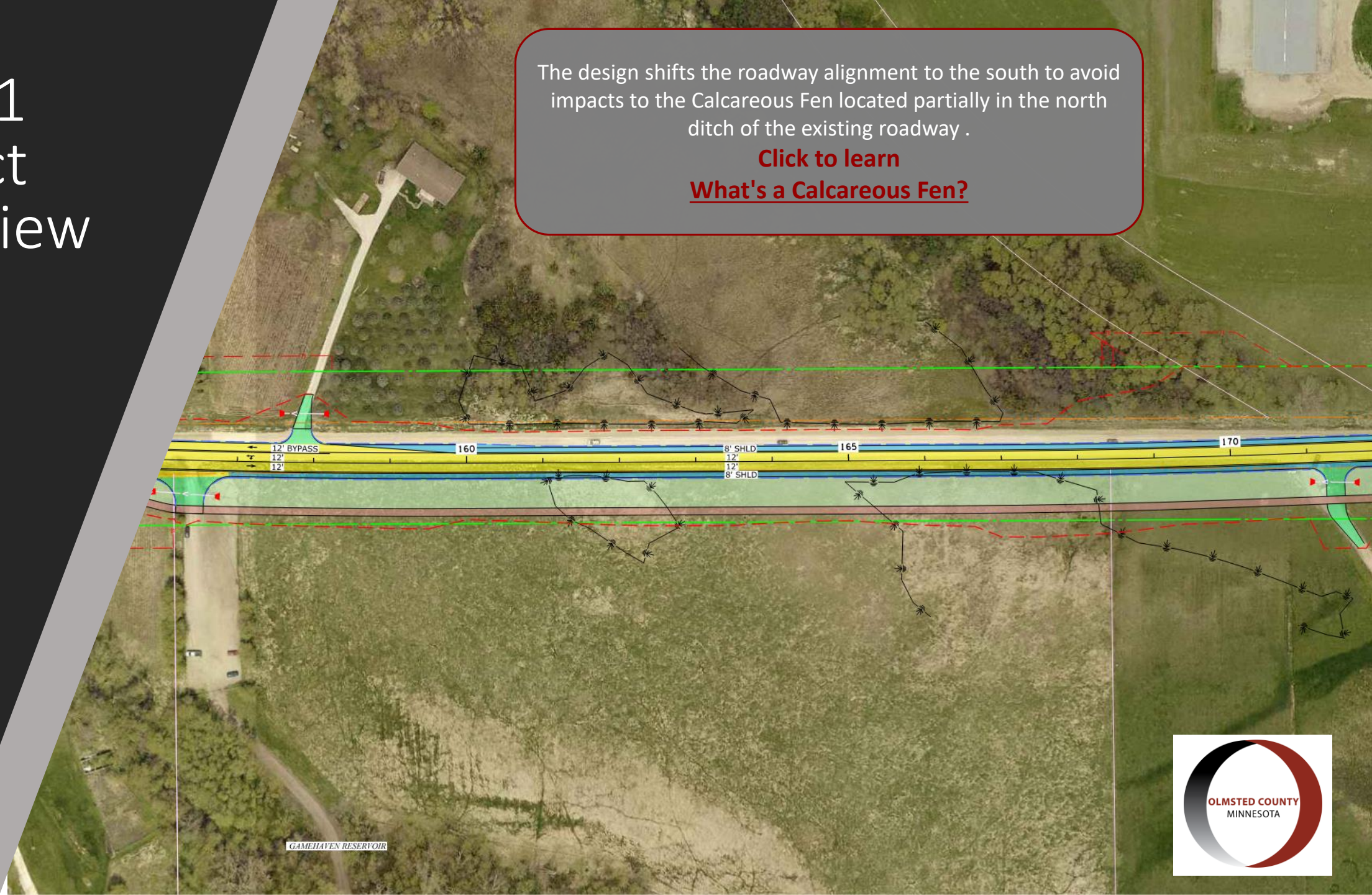
New Realigned CR 101 and 48th Street SE / St. Bridgets Road SE Intersection



CR 101 Project Overview

The design shifts the roadway alignment to the south to avoid impacts to the Calcareous Fen located partially in the north ditch of the existing roadway .

[Click to learn
What's a Calcareous Fen?](#)

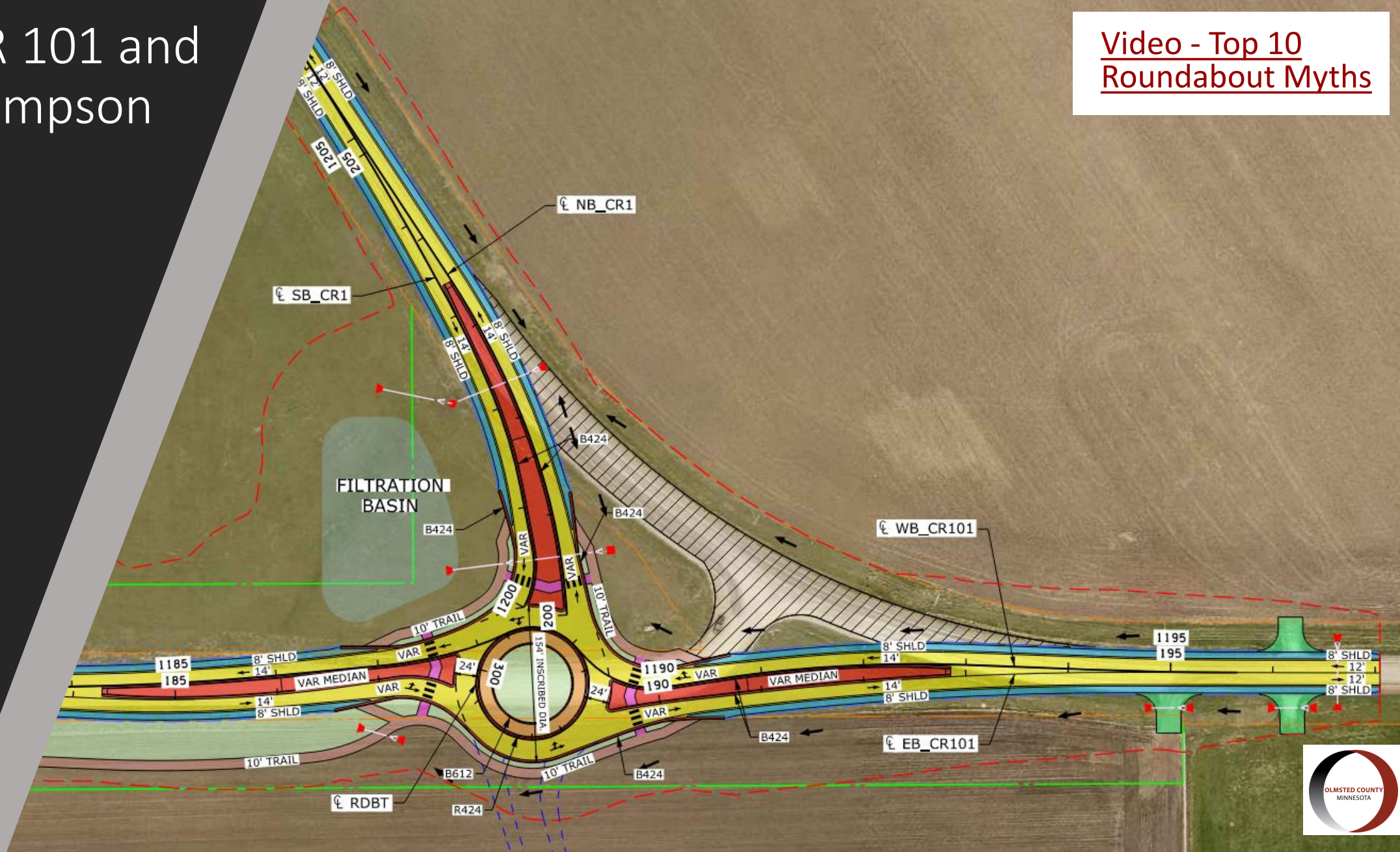


GAMEHAVEN RESERVOIR



New CR 101 and CR 1 (Simpson Rd SE)

[Video - Top 10 Roundabout Myths](#)



Right of Way Acquisition

[Click to view](#)

[Video - Olmsted County Right of Way Process](#)

**Dale Prestegard, Right of Way/Transportation
Contract Supervisor**



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Project Funding and Schedule

Funding Source: Local Option Sales Tax

Estimated Cost: \$7,000,000

Final Design

September 2020 – April 2021

Virtual Open House

December 2020

Right of Way Acquisition

November 2020 – April 2021

Construction

June 2021 – October 2021



CR 101 Reconstruction

How can you provide feedback?

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CR 101 Reconstruction

Thank You for Viewing

