



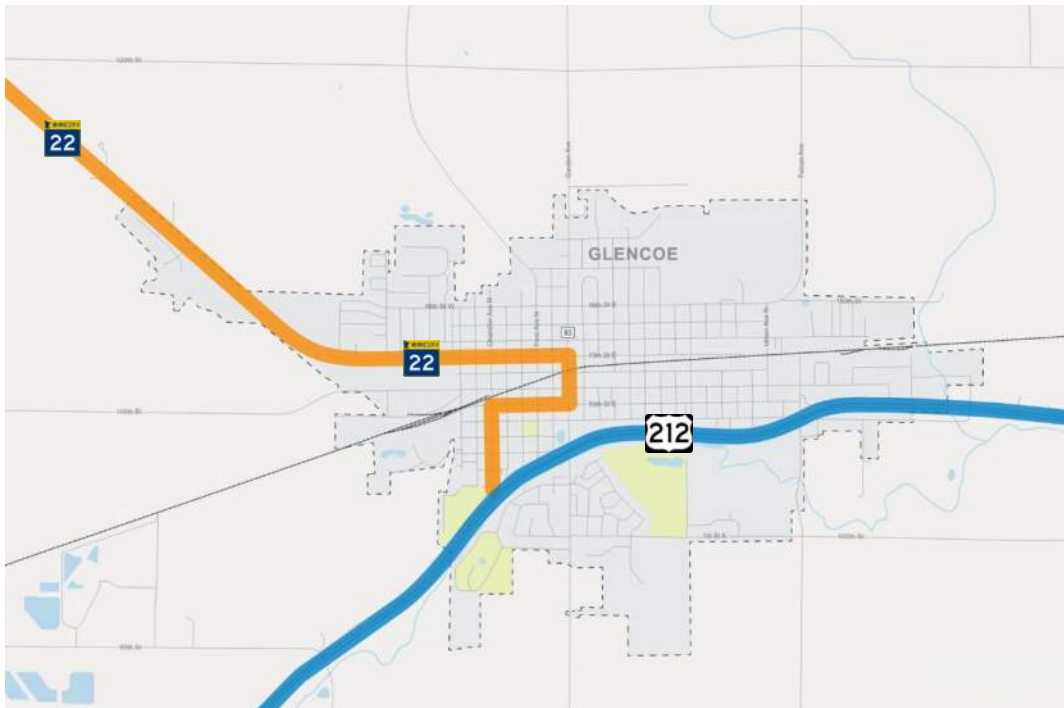
WELCOME!

Monday, September 23, 2019

GLENCOE TRANSPORTATION STUDY

About the study

- MnDOT, the City of Glencoe and McLeod County have partnered to improve the safety of intersections along Highway 212 and Highway 22, and to look at options for Highway 22 in the Glencoe area.



Study Partners



Study goals

- 1** Improve the safety of intersections along Hwy 212 and Hwy 22
- 2** Improve safety for pedestrians and bicyclists along Hwy 212 and Hwy 22
- 3** Develop a plan that outlines appropriate access along Hwy 212 and Hwy 22
- 4** Study the current route of Hwy 22

Public engagement summary

- Robust community engagement was conducted throughout the Glencoe Transportation study. Below is an overview of the engagement to-date.

Promise to the public

MnDOT, the City of Glencoe and McLeod County will work with the greater Glencoe community to ensure that the community's concerns and aspirations are directly reflected in the alternatives developed as part of the Glencoe Transportation Study and to provide feed-back on how the community influenced recommendations and decisions.

Opportunities for public input



- Community Event
February 26, 2019
- 145 Attendees



- Stakeholder Workshop #1
December 18, 2018
- 45 Attendees



- Stakeholder Workshop #2
May 14, 2019
- 47 Attendees



- Community Survey #1
February 2019 | 213 respondents
- Community Survey #2
May 2019 | 805 respondents

Public input on Hwy 212

- Engagement with the community focused on identifying issues, opportunities and priorities.
- Critical issues identified for Hwy 212:



Confusion at intersections



Increased traffic and future growth



Need for walking and biking improvements



Change in speed limits

Current situation at Hwy 212 & Chandler Ave

- 10 crashes reported from 2013-2017
- 3 of the crashes were severe with one being a fatal crash



Current situation at Hwy 212 & Morningside Dr

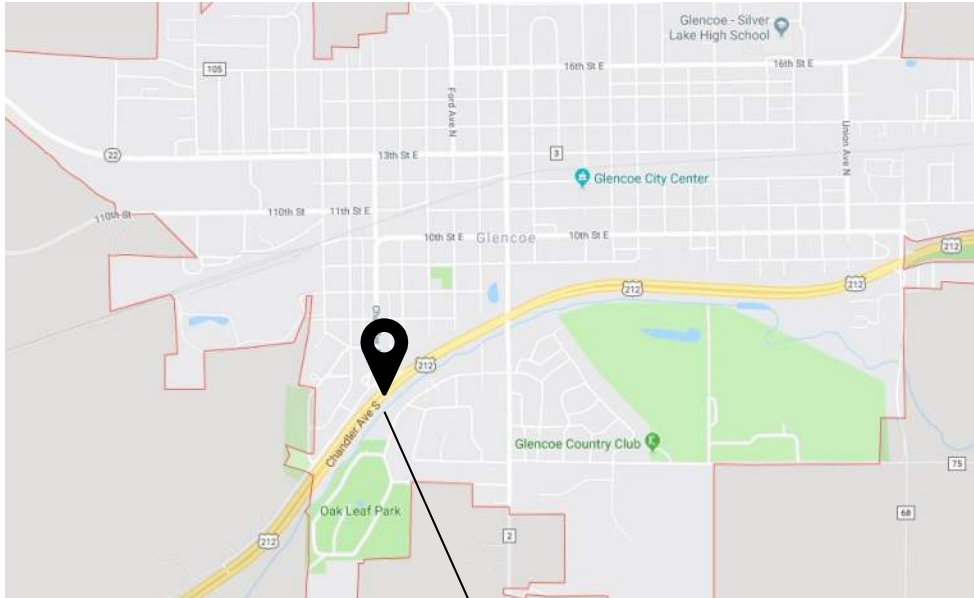
- 26 crashes reported from 2013-2017
- Most crashes were not severe
- More than half (58%) of crashes were angle or “T-Bone” crashes



Public input on Hwy 212

- The public was asked which potential Highway 212 improvements they could support.
- The public expressed support for all proposed safety improvements.
- Roundabouts received the most support, but the public also expressed support for J-turns.

Recommended safety improvements at Hwy 212 & Chandler Ave



Hwy 22 (Chandler Ave)

Construct J-Turn or

Roundabout

No current funding for construction

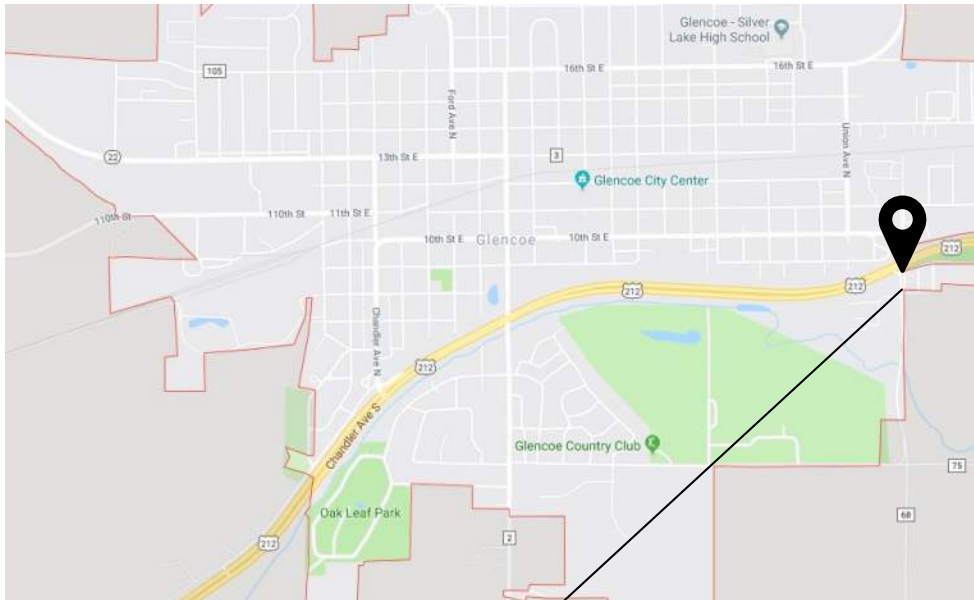
A callout box with a black border and rounded corners. It contains a diagram of a J-turn intersection with a red line indicating the path of traffic. Below the diagram is the text 'Construct J-Turn or', followed by a yellow diamond-shaped sign with a black border and three black arrows forming a circle, representing a roundabout. Below the sign is the text 'Roundabout' and 'No current funding for construction' in bold.

Example J-Turn at Chandler Ave



Example Roundabout at Chandler Ave

Recommended safety improvements at Hwy 212 & Morningside Dr



Example Roundabout at Morningside Dr

Morningside Dr



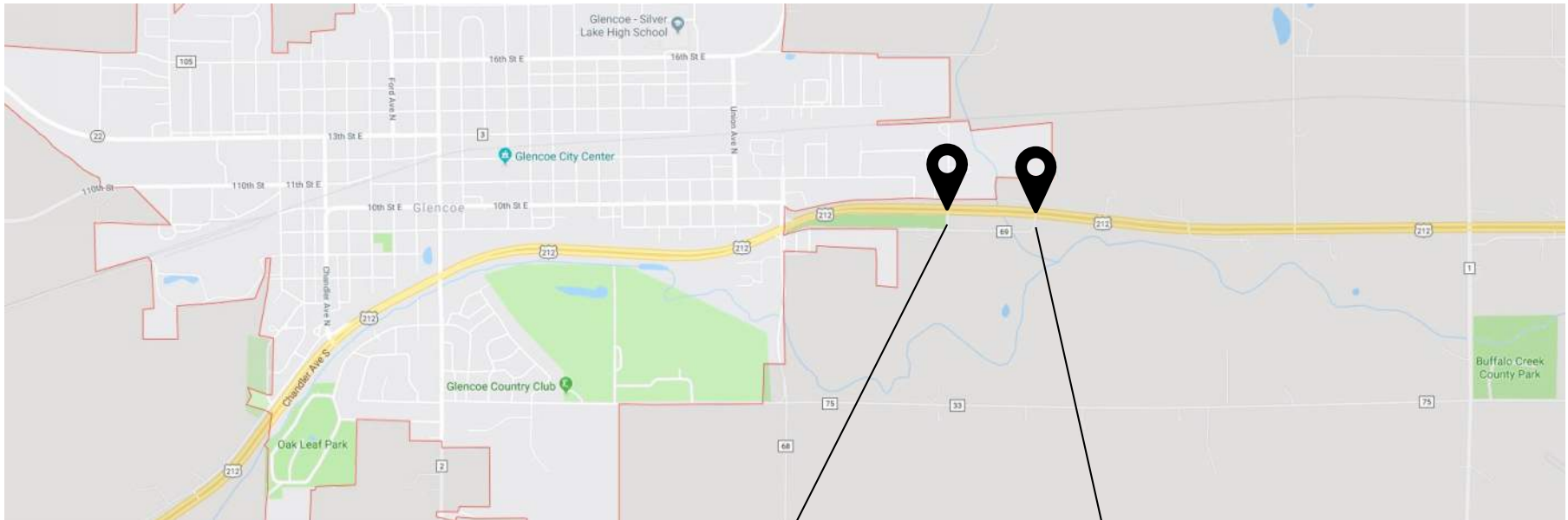
Construct Roundabout

**No current funding
for construction**

A roundabout will benefit pedestrians and bicycles by:

- Making drivers slow down driving through the intersection.
- Reducing the distance pedestrians and bikes need to cross.
- Raised medians provide a refuge for those crossing.
- Pedestrians and bikes only need to look at one direction of traffic at a time.

Recommended safety improvements at Hwy 212 & Falcon Ave and CR 69



Pedestrian and bicycle safety enhancements can be included with any future project. These enhancements would be determined during the design process with input from the community.

Falcon Ave

Keep all turns to and from Hwy 212

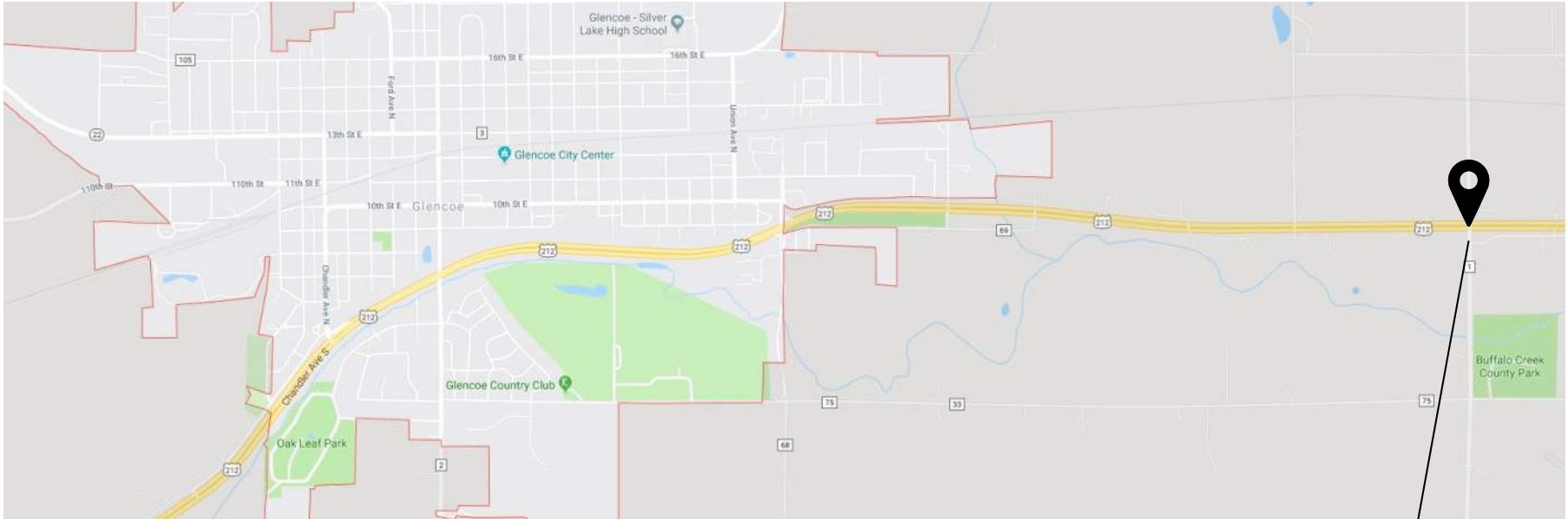
No current funding for construction

County Road 69

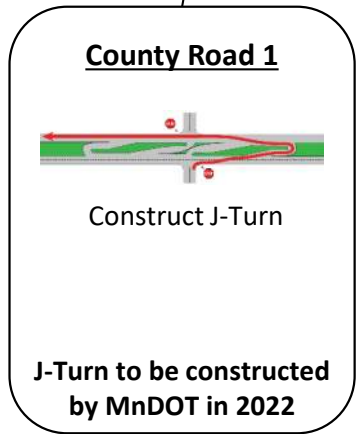
Close median allowing only right-turns to and from Hwy 212

No current funding for construction

Planned safety improvements at Hwy 212 & CR 1

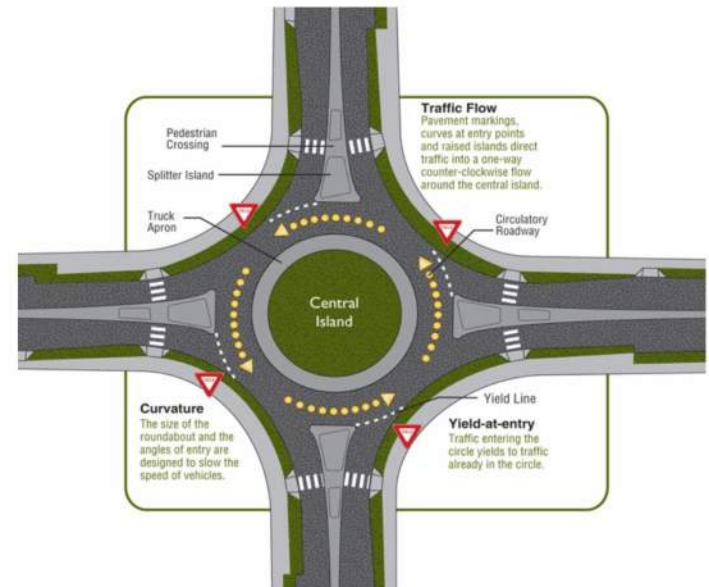


Median refuges on Hwy 212 will be included with the project for pedestrians and bicycles.



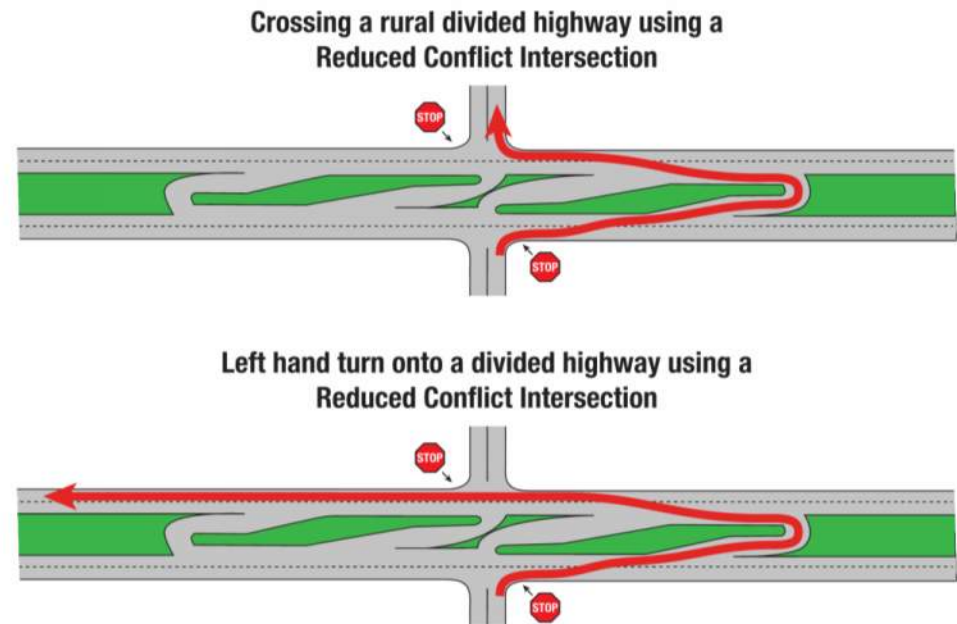
Why we use roundabouts

- **Improved safety** – Roundabouts show an 86% decrease in fatal crashes and a 42% overall decrease in the injury crash rate at intersections.
- **Improved traffic flow** – Roundabouts handle high levels of traffic with less delay than most stop signs or signals.



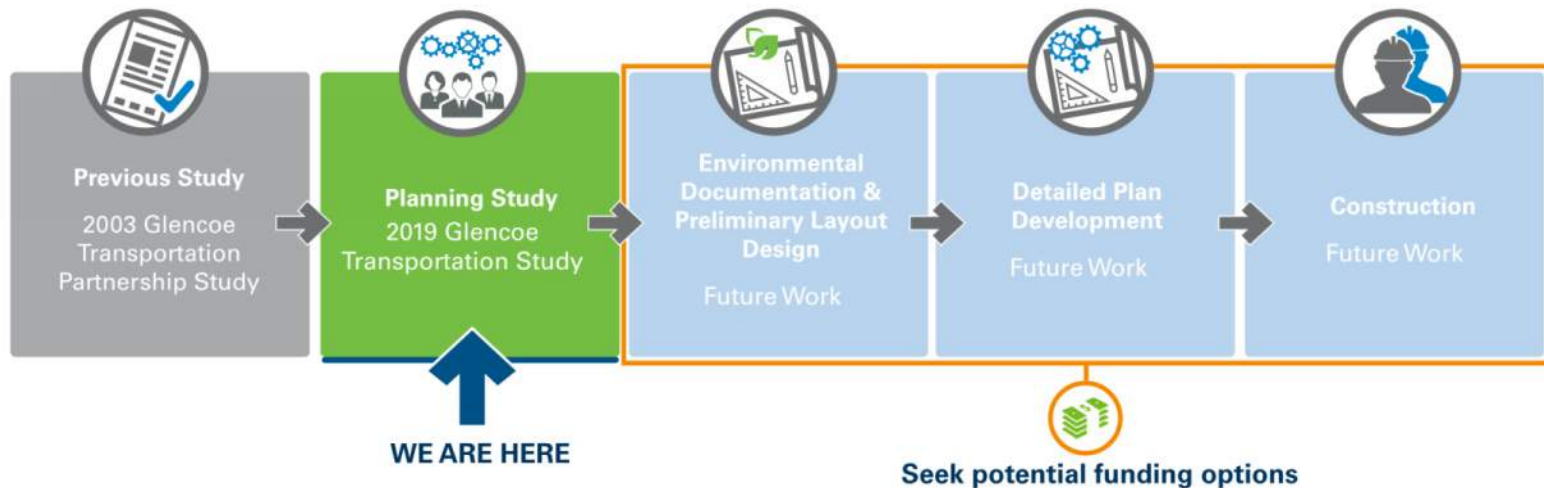
Why we use Reduced Conflict Intersections (RCI) (i.e., J-Turns)

- **Improved safety** – Studies show a 70% reduction in fatalities and a 42% reduction in injury crashes where RCIs are used.
- **Faster to build** – RCIs can be designed and built in approximately one year. Interchanges typically take 3-5 years.
- **Lower cost** – RCIs are often less expensive than constructing an intersection with a stop light and are a fraction the cost of building an interchange.



Next steps for Hwy 212

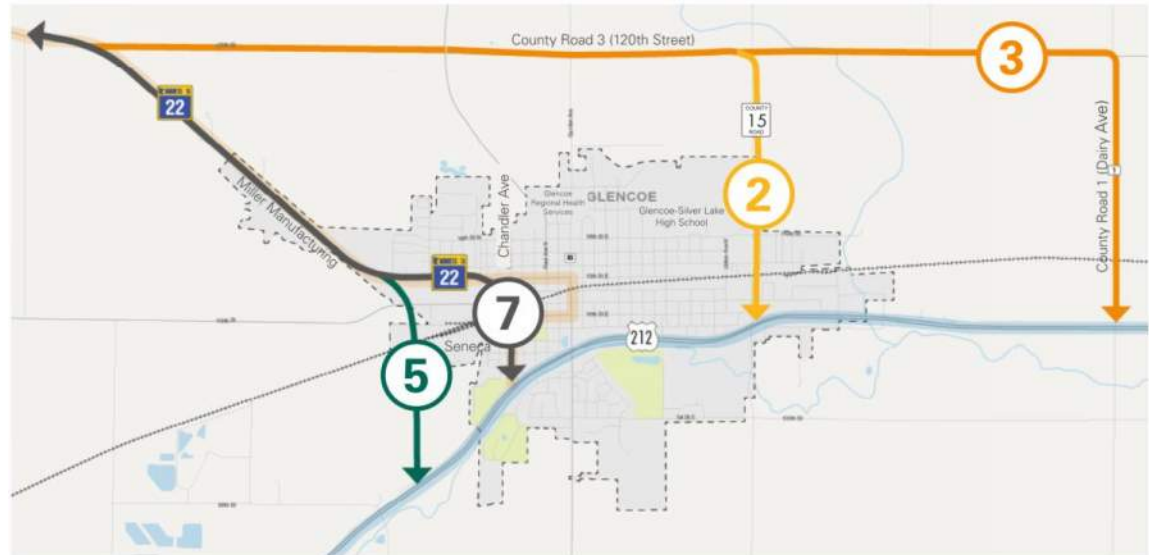
- MnDOT, the City of Glencoe and McLeod County **THANK YOU** for your participation in the 2019 Glencoe Transportation Study.
- This study is a planning study, which is the first step in addressing safety concerns on Hwy 212.
- This study can be used to apply for safety funding for recommended improvements, and assist the City of Glencoe and McLeod County in transportation decision making.



Hwy 22 route considerations

- **The study reviewed the route Hwy 22 takes through Glencoe**

- Through stakeholder and community engagement, key needs and considerations were identified and prioritized for Hwy 22.
- Ten potential re-routes for Hwy 22 were identified.
- Initial review of the feasibility of the routes reduced the number from ten to four for further consideration and public input.



Public input on Hwy 22

- Engagement with the community focused on identifying issues, opportunities and priorities.
- Critical issues identified for Hwy 22:



Confusion about
current route of
Hwy 22



Truck turning
issues



Heavy truck
traffic in
downtown



Need for walking
and biking
improvements



Change
in speed
limits

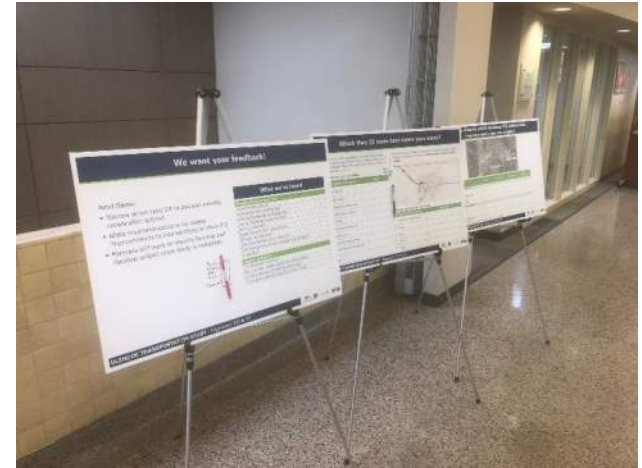


Need for better
signage

Public input on Hwy 22

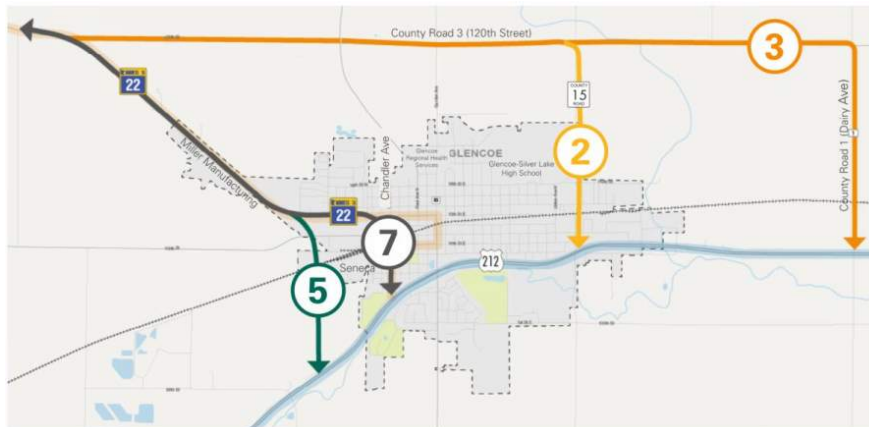
- Community identified priorities for Hwy 22:

- ✓ Provide route that is direct and less confusing.
- ✓ Provide route that improves overall safety.
- ✓ Provide route that serves both personal and commercial drivers.
- ✓ Provide route that reduces truck traffic in town.



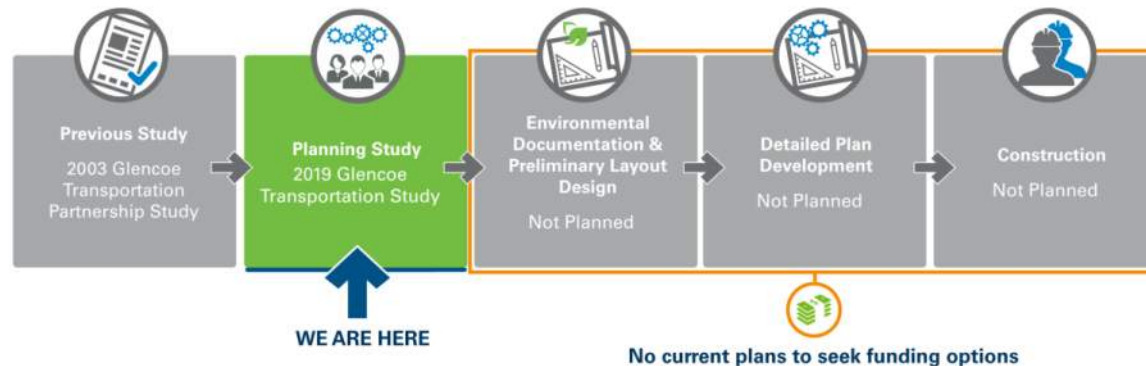
Community feedback on potential Hwy 22 routes

- The public was asked which potential Highway 22 routes they could support.
- All of the routes below received support from the community.
- In addition, the community expressed their desire for a new Hwy 22 route. Keeping the current route of Hwy 22 was not widely supported.



Next steps for Hwy 22

- MnDOT, the City of Glencoe and McLeod County **THANK YOU** for your participation in the 2019 Glencoe Transportation Study.
- This study is a planning study, which is the first step in the discussion around/about the route of Hwy 22 in Glencoe. A planning study must be completed before any additional steps can be taken regarding a new route for Hwy 22. Feasible Hwy 22 routes informed the safety recommendations for Hwy 212.
- Re-routing Hwy 22 is a long-range goal for the Glencoe community. Safety improvements on Hwy 212 can be made in the near future.
- The next step in the Hwy 22 route discussion is to secure funding to complete an environmental assessment, which is required by the federal government. An environmental assessment looks at environmental effects of a project and possible mitigation. Public input is a large part of the environmental process.
- In addition to securing funding to complete the federally required environmental assessment, funding for preliminary design and construction would need to be obtained. Currently, there is no funding to complete the environmental assessment.



THANK YOU!

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<http://www.dot.state.mn.us/d8/projects/hwy212hwy22glencoe/index.html>