

WELCOME

HWY 23 & HWY 9

ROADWAY SAFETY IMPROVEMENTS
NEW LONDON

Public Open House

March 12th, 2020 – 5:30 to 7:00 PM

HWY 23 & HWY 9

ROADWAY SAFETY IMPROVEMENTS NEW LONDON

Planned Roadway Safety Improvements near Hwy 23 & Hwy 9 in New London:



- J-turn at the intersection of Hwy 23 and Hwy 9

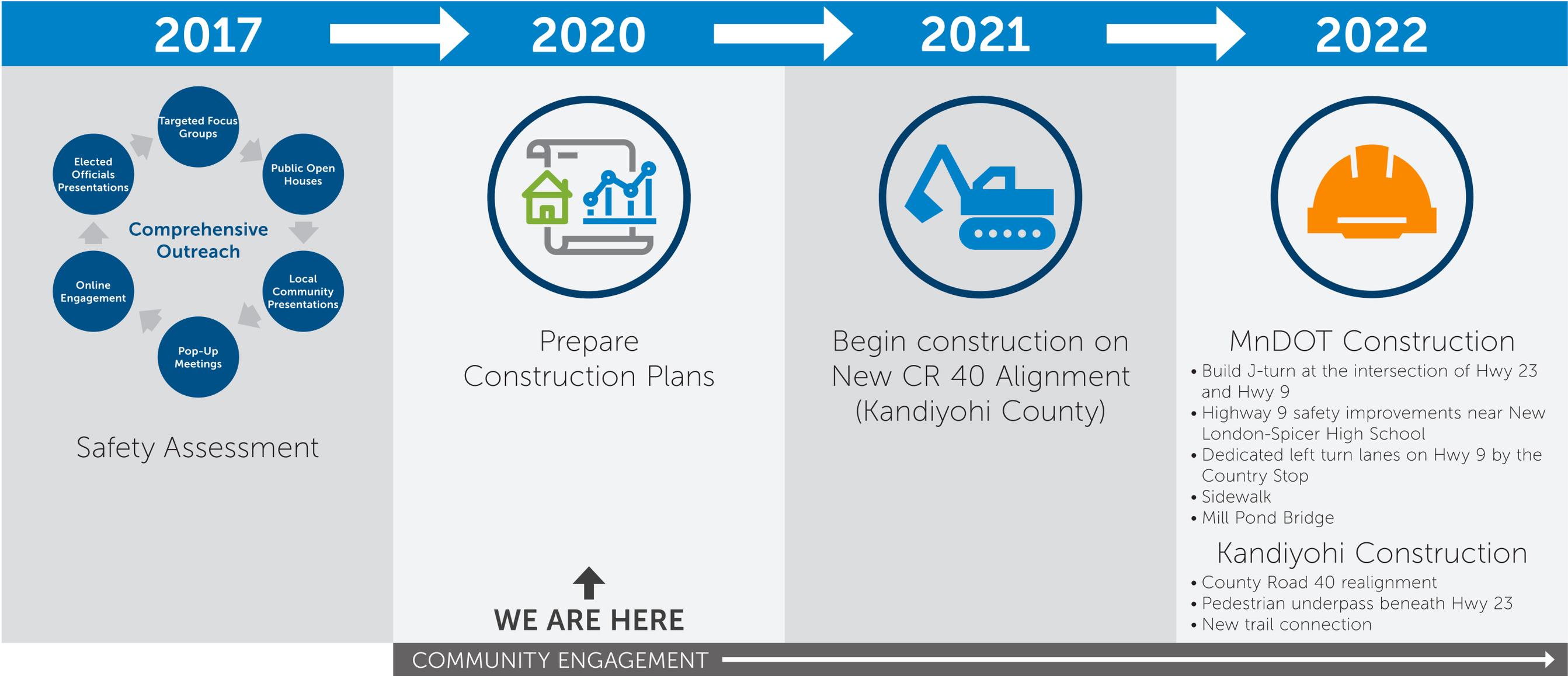
- Future County Road 40 realignment with a cul-de-sac at old County Road 40 (project led by Kandiyohi County)

- Pedestrian underpass beneath Hwy 23 for people walking and biking

- Highway 9 safety improvements near the New London-Spicer High School for people who walk and bike

- Dedicated left turn lanes on Hwy 9 near the Country Stop and Concrete Products of New London

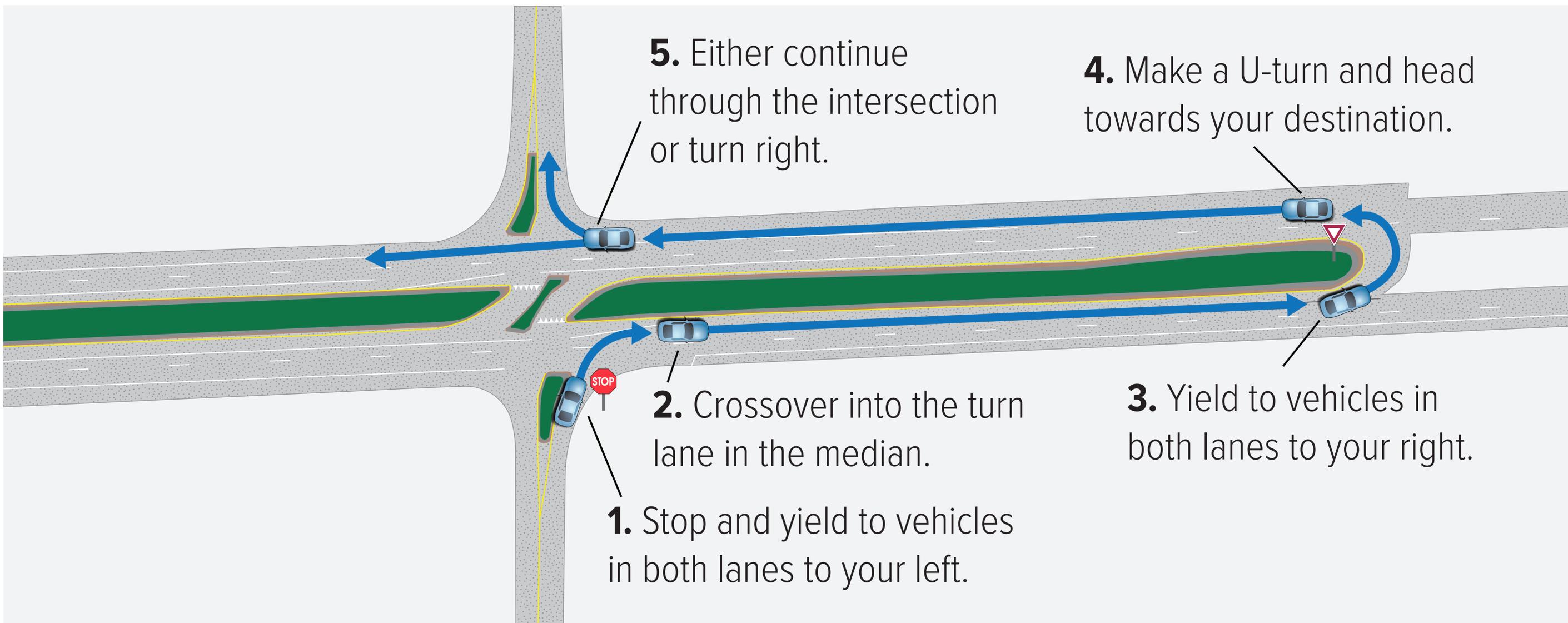
PROJECT TIMELINE



Project Partners



HOW DO J-TURNS WORK?



How to Use a J-turn:

1. Stop and yield to vehicles in both lanes to your left.
2. Crossover into the turn lane in the median.
3. Yield to vehicles in both lanes to your right.
4. Make a U-turn and head towards your destination.
5. Either continue through the intersection or turn right.

Purpose of 2017 assessment:

- Reduce serious and fatal crashes.
- Engage community on concerns and priorities.
- Identify safety improvements.

2017 Safety Assessment Outreach:



What we heard from the community:



- Concerned with serious and fatal crashes at the Hwy 23 and Hwy 9 intersection.



- Traffic needs to keep moving on Hwy 23, especially trucks.
- It is difficult for trucks to wait in the median.



- The area needs to be improved for walkers and bikers, especially near the school.



- The Hwy 23 and Hwy 9 intersection is congested and has back-ups.



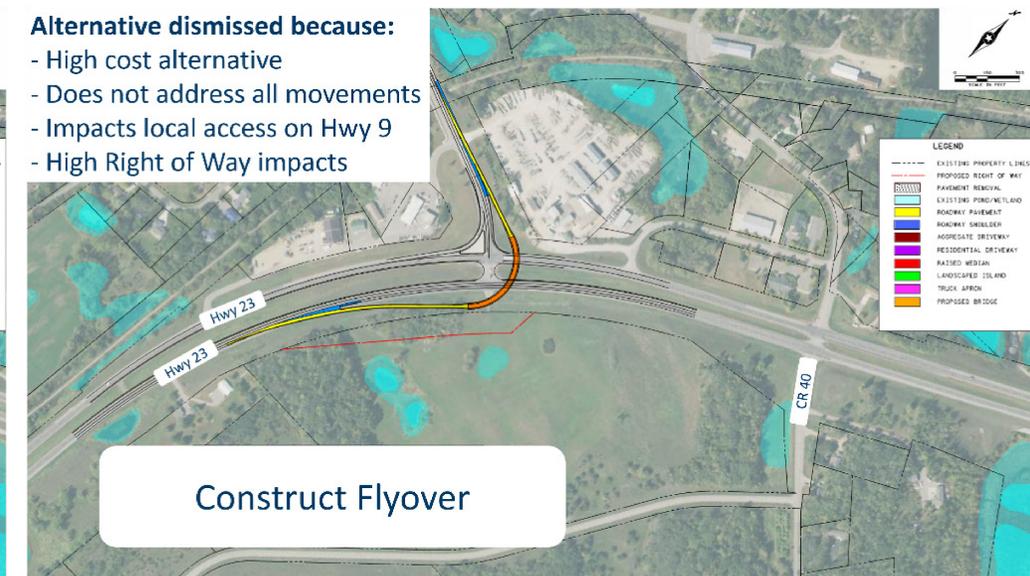
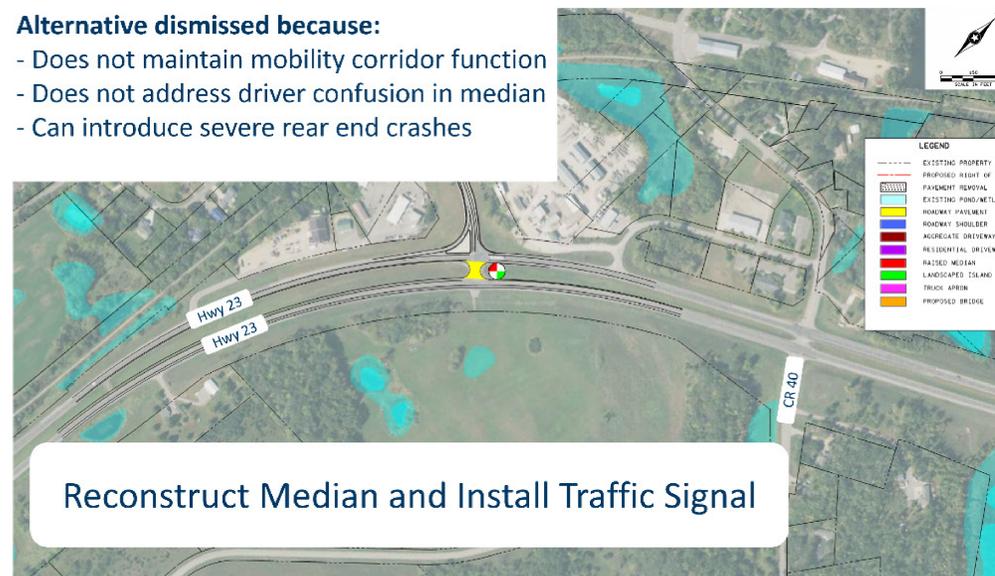
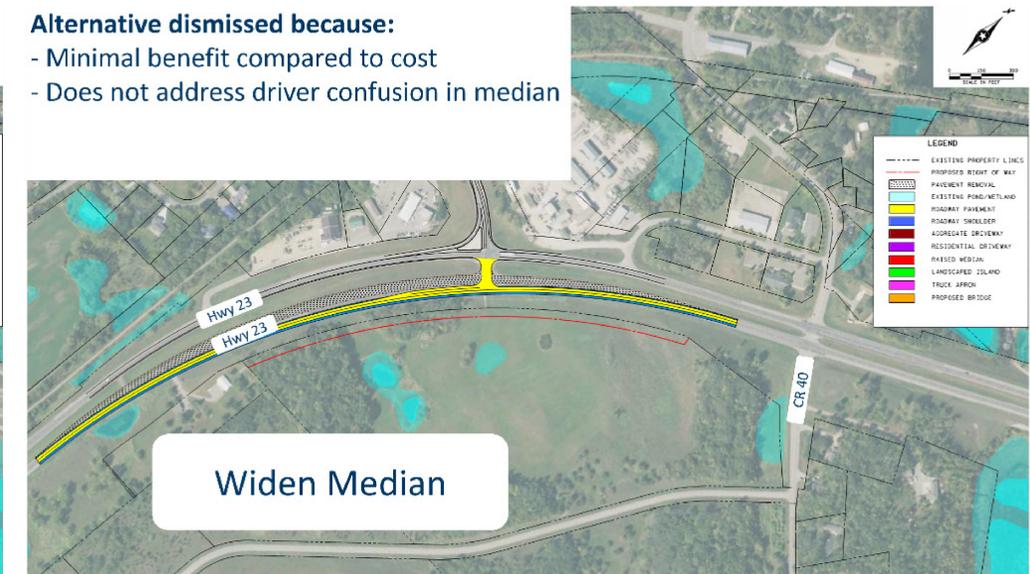
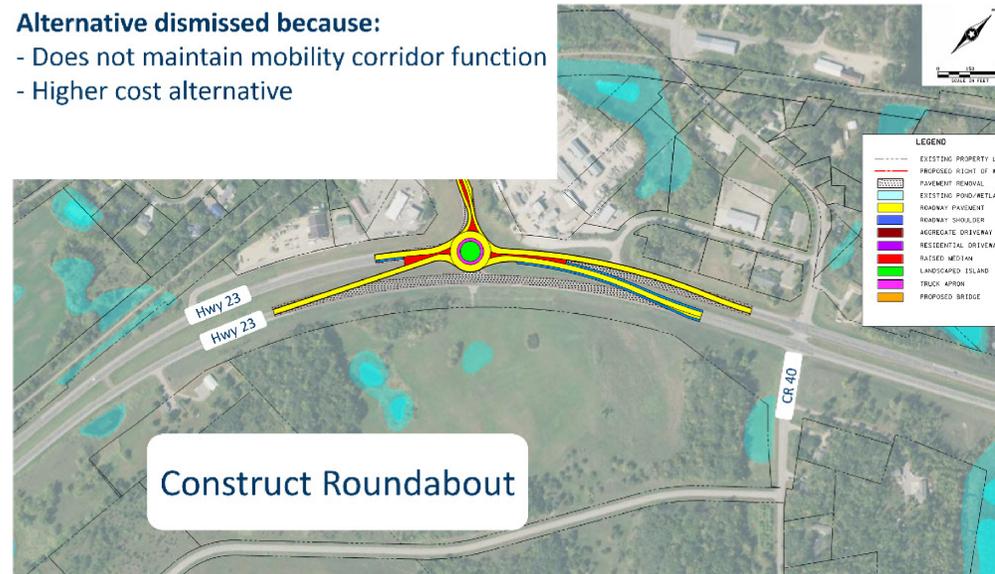
- Keeping the right-turn acceleration lane heading towards Spicer is important.
- Future development along Hwy 23 needs to be considered.

2017 SAFETY ASSESSMENT - J-TURN RECOMMENDATION



After a thorough study of the intersection and seeking extensive feedback from the community, a J-turn was recommended at the Hwy 23 and Hwy 9 intersection.

Other options (shown at right) were also considered in the 2017 safety assessment, but the J-turn best fits the safety issues as well as addresses what we heard from our comprehensive outreach.



WHAT ARE THE BENEFITS OF A J-TURN?

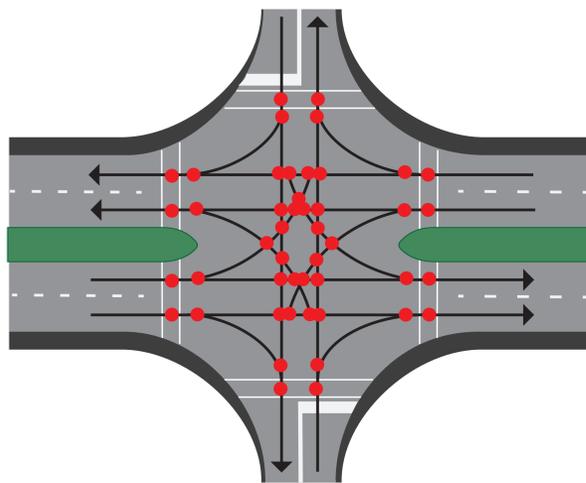
Benefits of a J-turn at Hwy 23 and Hwy 9:

- A J-turn addresses the safety, congestion and freight needs at this intersection.
- J-turns reduce serious injury and fatality crashes.
- J-turns decrease wait times.
- J-turns increase the area for a median and provide additional space for large vehicles.

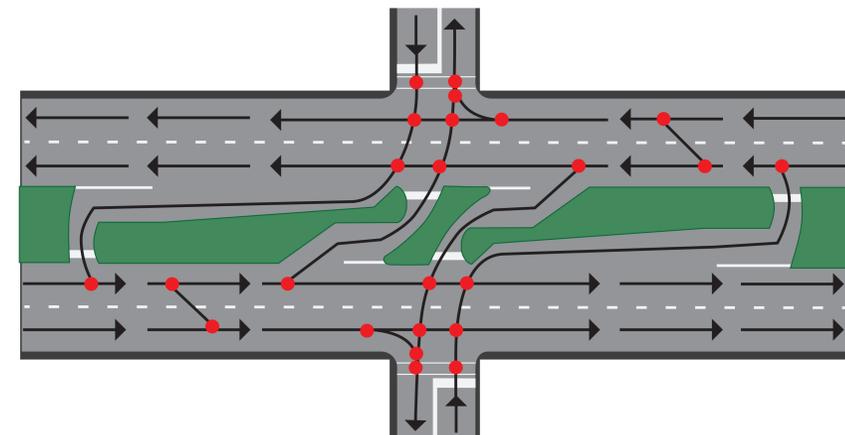
Why do J-turns work?:

- Drivers only have to be concerned with one direction of traffic on the highway at a time.
- Drivers don't have to wait for an opening in traffic in BOTH directions to cross the highway.

Divided Highway Intersection



J-turn Intersection



J-TURNS AS SAFETY IMPROVEMENTS IN MINNESOTA

- MnDOT has been installing J-turns in Minnesota since 2010.
- A 2012 nationwide safety study of J-turns offered the following safety benefits:
 - More than 70% reduction of fatalities
 - 42% reduction of injury crashes
- **41 J-turns have been installed in Minnesota, and 23 more are planned. Nearby J-turns include:**
 - CR 24 in Willmar
 - Hwy 23 and Saratoga St. in Marshall
 - Hwy 23 and CR 7 in Marshall
 - Hwy 23 and Lyon St. in Marshall
 - US 71 and CR 90 in Willmar (planned for 2021)
 - Hwy 212 and CR 1 near Glencoe (planned for 2022)
 - Hwy 212 and Hwy 22 in Glencoe (planned, no date yet)

