



WIS 81 and County T intersection, Brodhead – Rock and Green Counties

Chris Hazard, P.E.

WisDOT Project Manager

Public Involvement

March 20 – April 20, 2023



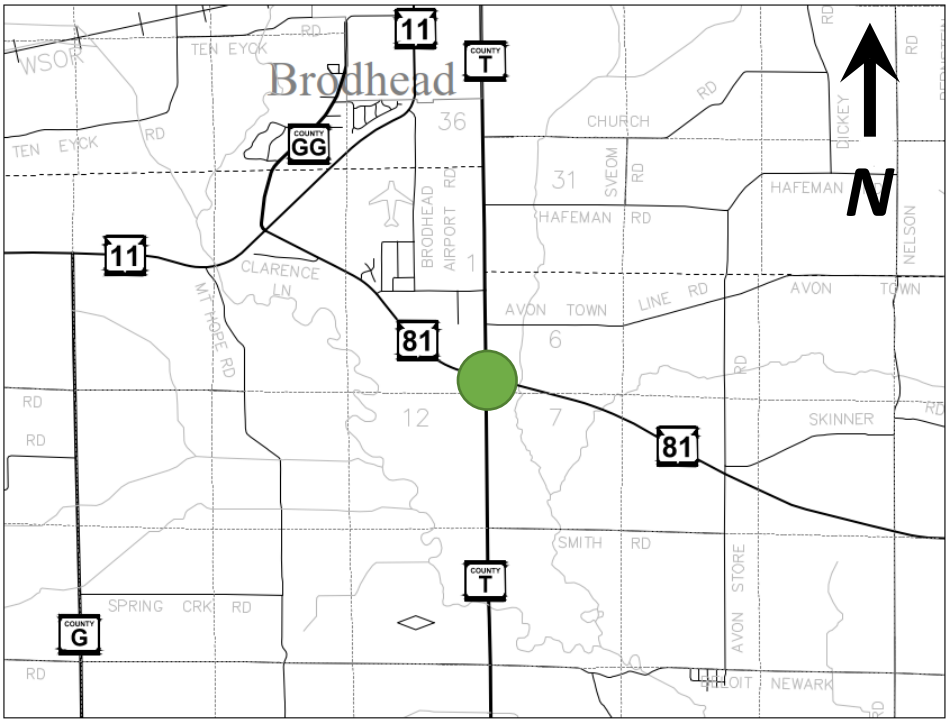
Presentation outline

- Project location
- Project purpose and need
- Project alternatives
- Proposed improvements
- Real estate impacts
- Traffic impacts
- Project schedule
- Next steps



Project location

WIS 81 intersection with County T



Project purpose and need

Improve intersection safety

- 13 crashes reported between 2015 and 2019
 - 4 injury crashes, 1 fatal crash
- Trends: failure to yield or failure to stop right angle crashes (62%)
- Contributing factors: high speed, intersection skew



Project alternatives

- No-Action
 - Intersection likely to continue to experience high crash rates with increased likelihood of injuries or fatalities.
 - Does not meet the project's identified purpose and need.
- Roundabout (preferred)

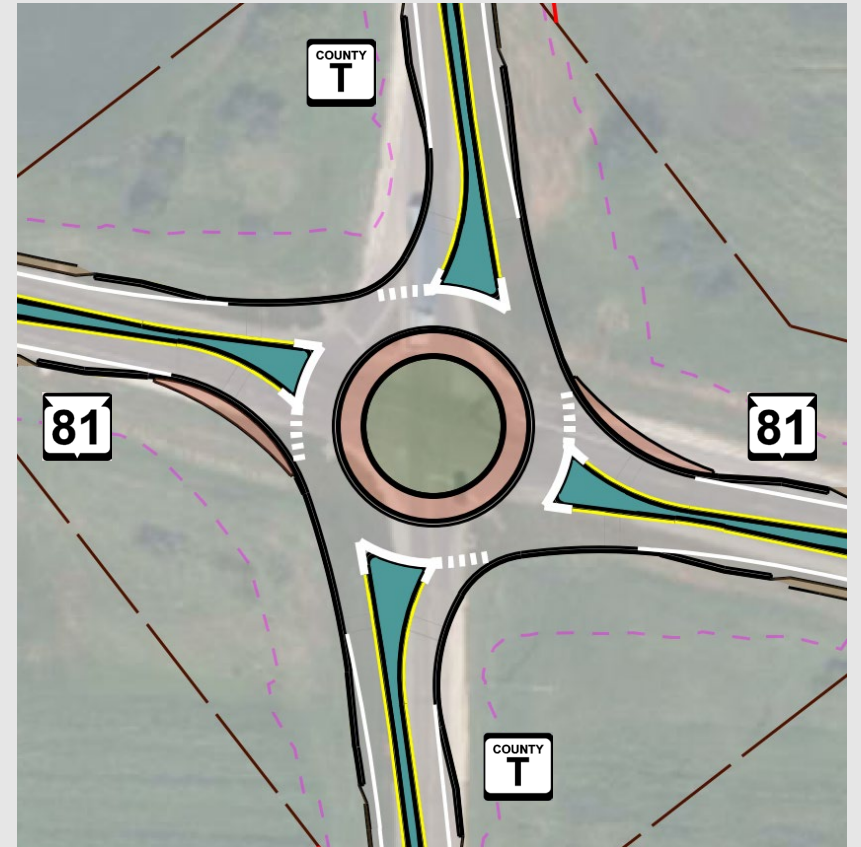


Roundabout

- Roundabouts eliminate right angle (T-bone) crashes and reduce injury severity
 - Crashes typically sideswipes or rear ends
 - Slower operating speeds
 - WI roundabouts reduce fatal and severe injury crashes by 40%

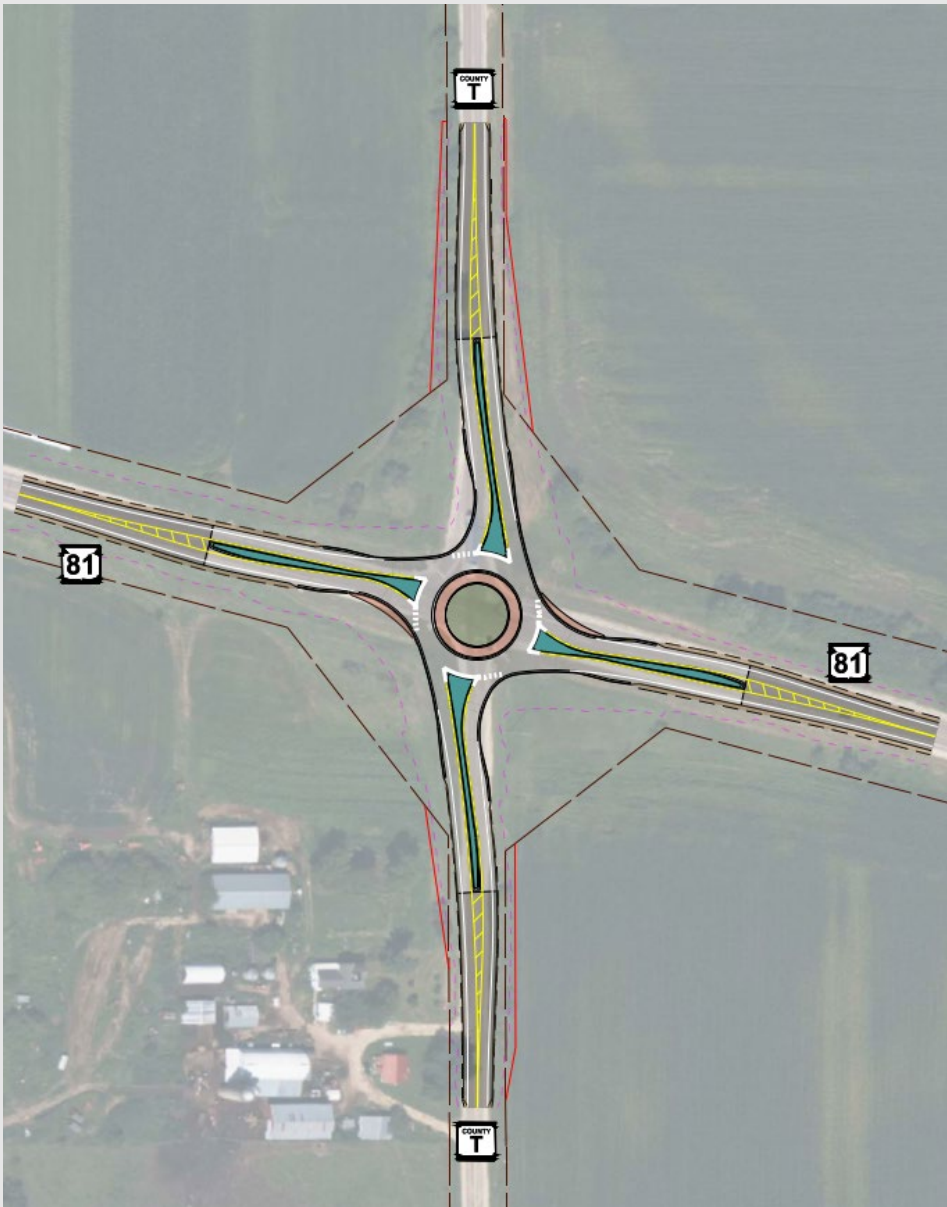
(Source: UW TOPS Lab Safety Study, 2015)

- Single lane entries
- Meets project's purpose and need



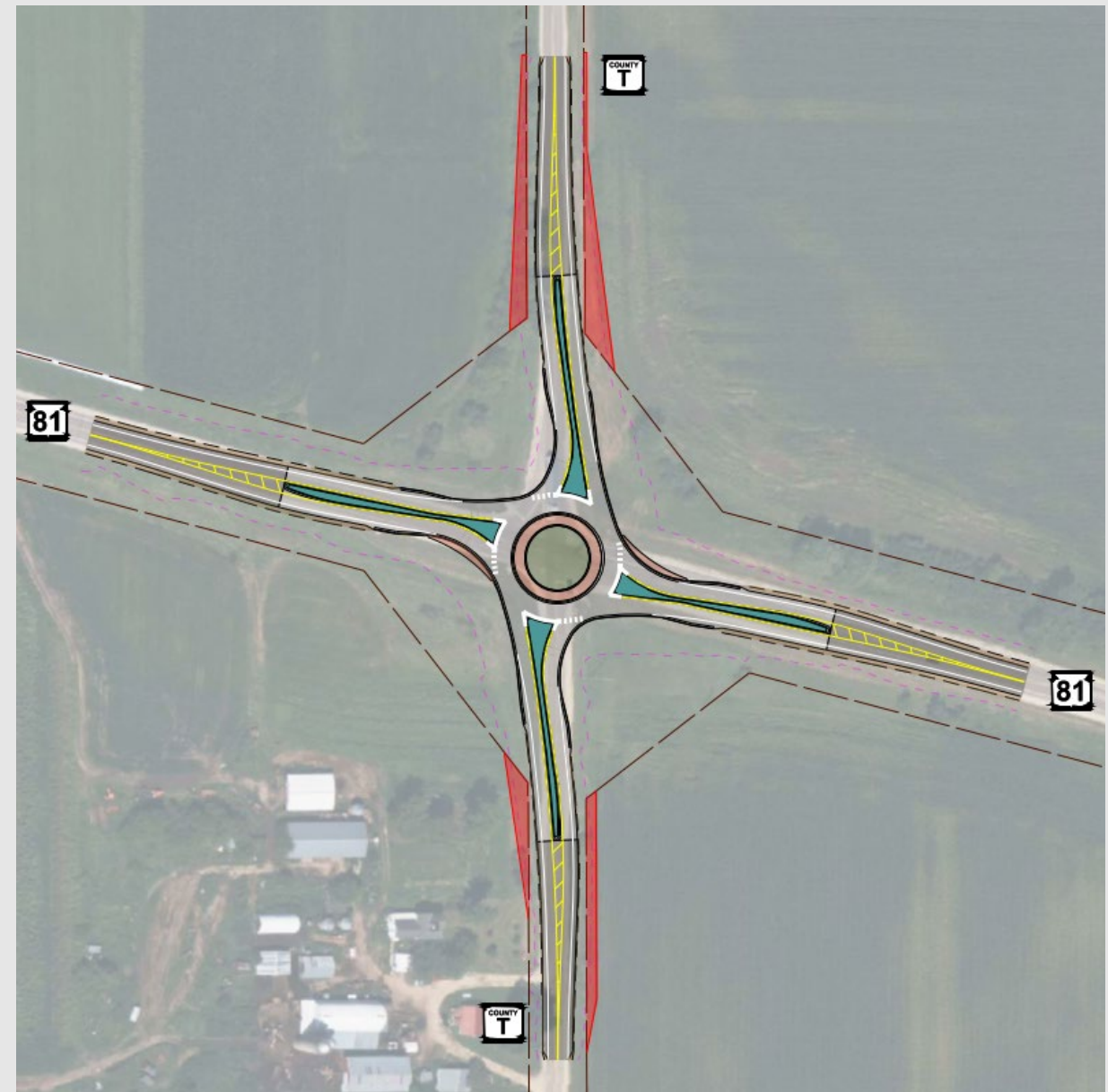
Proposed improvements

- Single lane roundabout
- New concrete and asphalt pavement
- New pavement marking and signing
- New culvert pipes and storm sewer system
- Intersection lighting
- Oversized overweight (OSOW) vehicle accommodations along WIS 81



Real estate impacts

- Strips of right of way needed along County T
- Real estate process anticipated to start in winter 2023



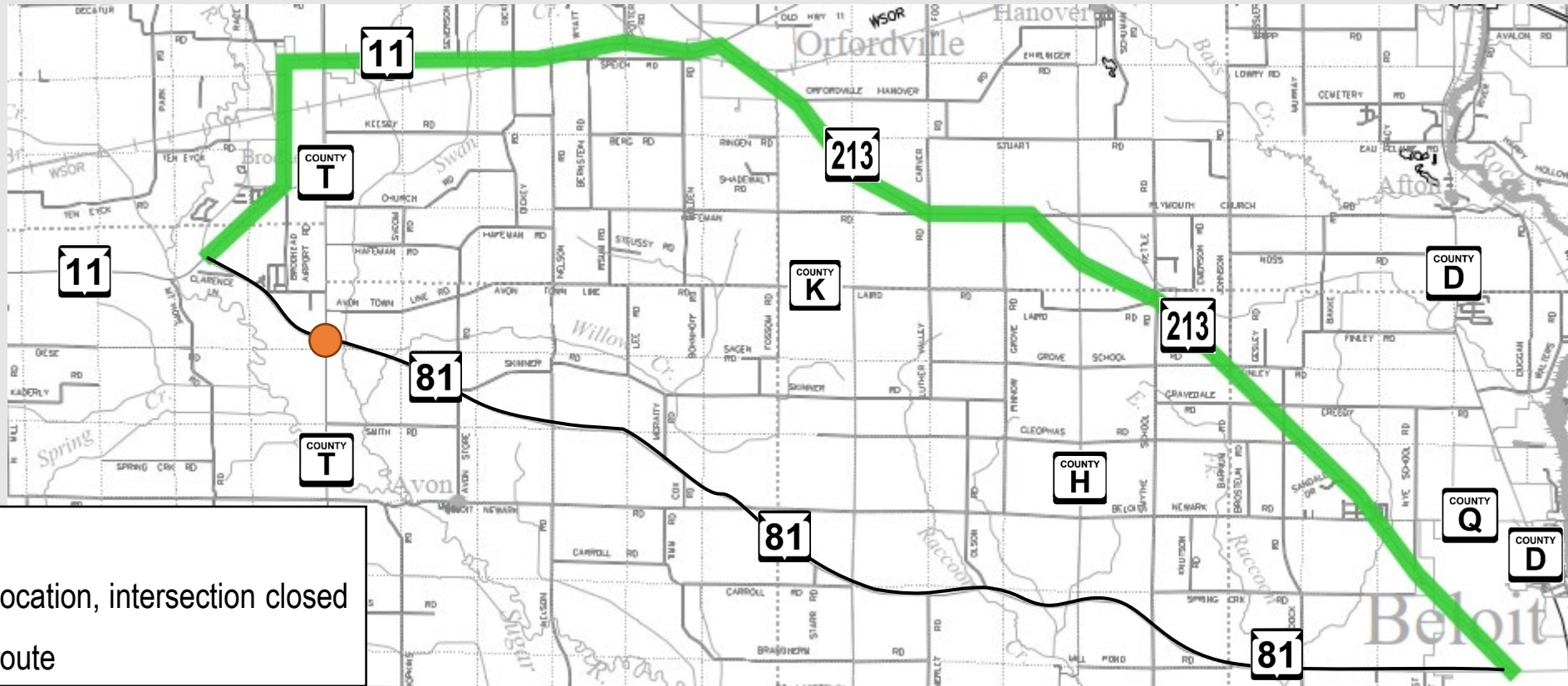
Traffic impacts

- Construction planned for 2026
- Intersection closed to through traffic during construction
- Access to local residences and businesses will be maintained throughout construction.



Traffic impacts

WIS 81 traffic detour utilizing WIS 11 and WIS 213



Legend

- Project location, intersection closed
- Detour route



Project schedule

- Environmental document complete: April 2023
- Preliminary design complete: Fall 2023
- Real estate acquisition: Winter 2023 to Summer 2025
- Public involvement meeting #2: Spring 2025
- Final design complete: August 2025
- Construction: Spring/Summer 2026



Next steps

- Contact us with any questions or concerns:

Chris Hazard, PE

WisDOT Project Manger

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- Submit comments by April 20, 2023





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Thank you for your interest and comments!

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