MN TZD Conference
Workzone Temporary Roundabout

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TH 210 Reclaim Project

Detour Route:
TH 25 -> TH 18 -> TH 6
TH 210 at TH 6 Location

Temporary Traffic Control Options

- **Reassign Stop Control**
  - Driver Confusion with T leg not stopping
- **All-way Stop**
  - Poor compliance
- **Temp Signal**
  - Cannot get RR preemption for Temporary application
- **Roundabout**
  - Driver familiarity
  - R/W?
FHWA Modular Roundabout

FHWA Office of Safety R&D

Raised Bituminous Idea

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Construction

1 day to build
~$25,000 build and removal
No additional R/W

Trucks
• 1 Documented PDO Crash

veh 2 traveling north on Hwy 6, entering into a roundabout at Hwy 6/Hwy 210. As subject entered into the roundabout, she did not notice veh 1 in the roundabout and traveling east. Veh 1 then collided into veh 2, causing minor damage to both vehicles.

• 2 Crashes with Highway Lighting
Public Response

Good:

“very impressed with the “quick and dirty roundabout on TH 210 and TH 6. That intersection was always a problem for northbound on Fridays…”

Bad:

“Traveling this week at this intersection was a disaster. All directions have yield signs – so everyone yields a the crossing...It has not made it easier to get through.”

Outreach:

• 2 Open Houses
• City Police Chief communicated regularly with Traffic and Construction staff

Removal

• 1 Day
• Mill on Standby
• Noticeable but not confusing
Lessons Learned

• Consider fastest path during construction
• Extend bituminous splitter islands
• Use stick down flexible delineators

Lessons Learned Continued

• Need Highway Lighting
• Paint yield bars
• Paint around center island
• Additional advance signing
The City will be requesting permanent compact roundabout not only at TH 210 at TH 6 but also TH 210/6 at Crow Wing CSAH 12

Thank you!

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