

TO: Mayor and Council
FROM: Kate Thunstrom, City Administrator
SUBJECT: Hwy 47 Design Discussion
DATE: April 21, 2025

OVERVIEW:

- The question of the final design selected was brought to Staff and asked if there is the ability to discuss changing what was decided in 2022. Staff have kicked off the preliminary design and environmental process. If Council wishes to change the two intersection controls, this needs to be decided as soon as possible.
- Currently staff are moving forward with the design selected by the Council in September 2022 for roundabouts at 227th and Ambassador with stoplights at Pederson and 233rd.
- Four roundabouts was the preferred intersection control type by MnDOT, but they allowed the city to move with the two/two design.
- Per MnDOT and engineering teams, the city may be able to present to Met Council an amendment to our Regional Solicitation grant.
- For the construction process a roundabout will not considerably reduce initial construction costs as both types of intersection controls require a full redesign of the intersection and roadway.
- Long-term costs would be reduced as the city will be responsible for the lighting structures and their ongoing maintenance.

DISCUSSION

Council to make a final determination between the two designs attached to either remain with the two/two design or move to amend the grant application and design to four roundabouts.

Attachments:

- Design – two roundabouts/two stoplights -marked Alternative X1
- Design – four roundabouts – marked Alternative X2
- September 26, 2022, Work Session PowerPoint -MnDOT