I-5: Aurora-Donald Interchange (Exit 278)

House Bill 2017 Project
Presenters: Anna Henson (ODOT) and Ed Chamberland (DEA)
November 2019
Agenda

• Project design update
  • Present revised preferred Diverging Diamond Interchange (DDI) alternative.
  • Present the Phase 1 project alternative.

• Next steps/schedule
Project Activities Completed Since June

• July: completed ODOT Value Engineering Study.
• July – September: redesigned Preferred DDI Alternative and defined Phase 1.
• October: ODOT approved refined DDI Alternative and funds for Phase 1.
• November: local government presentations, stakeholder and public meetings.
June 2019 Preferred DDI

- Two new I-5 bridges over Ehlen Road.
- Widen and lengthen on-ramps and off-ramps.
- Widen Ehlen Road.
- Relocate Bents Road.
- New Ehlen Road/Bents Road/Bents Court Intersection.
- Relocate Dolores Way.
September 2019 Refined DDI

1. Move southbound I-5 east and construct one I-5 bridge over Ehlen Road.
2. Relocate Bents Road.
3. Relocate Ehlen Road north and construct a new intersection with the relocated Bents Road.
Ehlen Road section looking east.
Comparison of June versus September Refined DDI
Phase 1

- Move southbound I-5 east and construct one I-5 bridge over Ehlen Road.
- Widen and lengthen northbound and southbound off-ramps.
- Widen Ehlen Road.
- Relocate Bents Road.
- Improve Ehlen Road/Bents Road/Bents Court Intersection.
Phase 1

Ehlen Road section looking east with pedestrian sidewalk on north side of structure.
Phase 1 Lane Configurations

- I-5 southbound and northbound ramp intersection.
- Ehlen Road intersection.
- Bents Road intersection.
Project Phasing

- **Phase 1 (funded)**
  - Relocate Bents Road.
  - Construct new I-5 bridge and exit ramps.
  - Widen Ehlen Road and add traffic signals.

- **Phase 2 (future funding needed)**
  - Re-align Ehlen Road.
  - Reconstruct ramps.
  - Relocate Dolores Way.
Schedule and Next Steps

Through March 2019

- Understand conditions, survey and field work, traffic data
- Review various concepts

Through June 2019

- Develop two alternatives for comparison

Through April 2020

- VE study Refined DDI Preliminary design Phase 1 and Full Interchange IAMP documentation

May 2020-2021

- Purchase right of way Phase 1 construction plans Phase 1 bid let in 2021

- Diverging Diamond Interchange (DDI) selected
- ODOT design approval OTC IAMP approval
Tentative Phase 1 Construction Schedule

- Bid opening: October 2021.
- Construction starts in 2022 and will last two seasons.
Public Outreach

- November and December 2019
  - Aurora and Donald City Council Briefings
  - Local Stakeholder Meeting
  - Public Open House
  - Marion County Commissioners Briefing
Have questions?

For more information, contact:

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