

CITY OF WOODLAND



Agenda

- Project Recap + Latest Updates
- Summary Evaluation of Concepts
 - Improved Traffic Signals
 - Roundabouts
- Key Item for Discussion
 - WSDOT and CWCOG support for project
 - City Council recommendation and/or approval of concept(s)
- Next Steps
 - RFQ design (Phase 2)



Key Project Issues CONGESTION AND BACKUPS (>900 FEET) AT THE SOUTHBOUND APPROACH TO THE SR 503/PACIFIC AVE **INTERSECTION** causes drivers to wait through multiple signal cycles and worsens traffic at the adjacent side street intersections East CC St HEAVY TRAFFIC ALONG GOERING ST can create challenges for drivers BACKUPS AT THE EXIT 21 NORTHBOUND OFF-RAMP, particularly during the weekday pm rush hour, at times spilling back to the i-5 mainline.





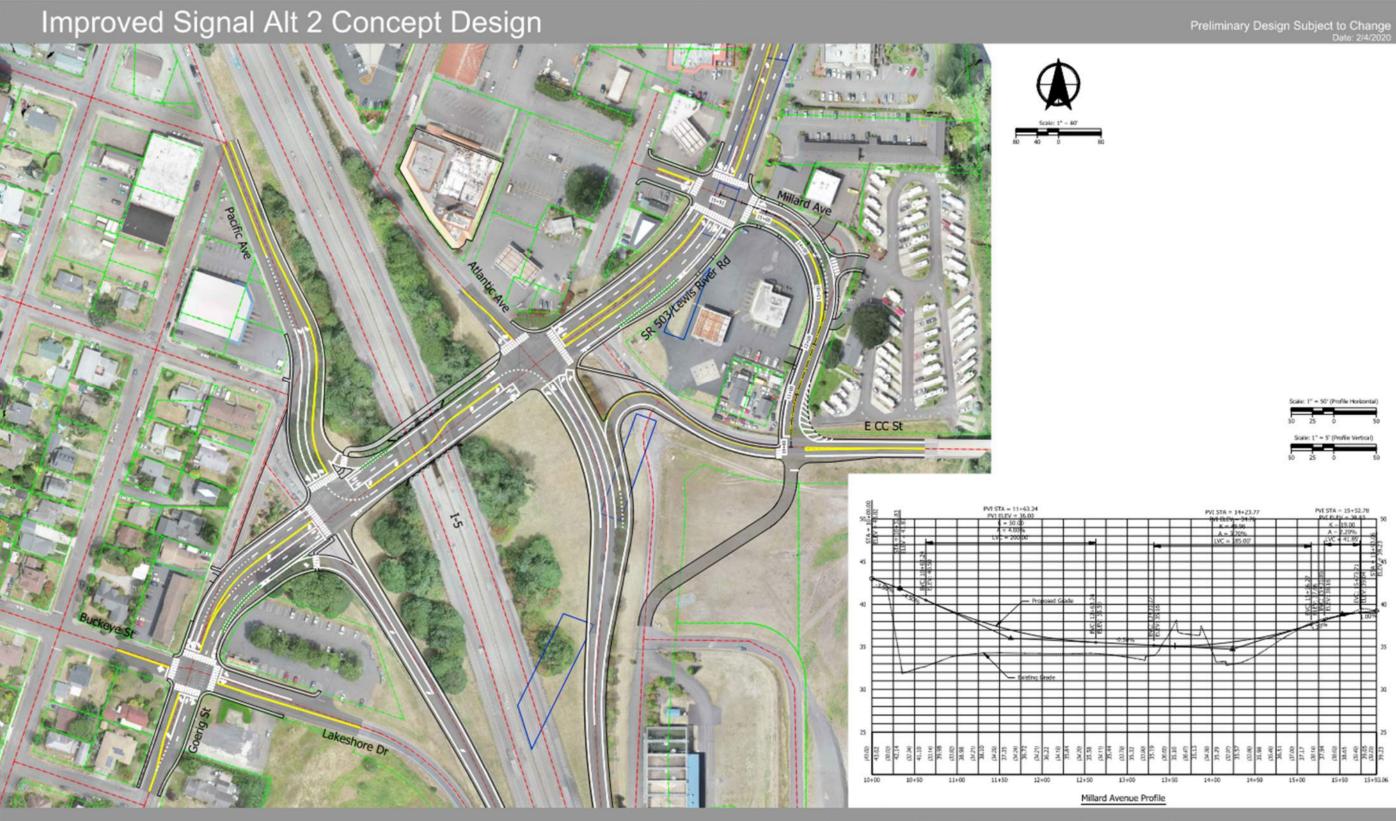


EXIT 21 INTERCHANGE IMPROVEMENTS WOODLAND, WA

Project Recap + Latest Updates

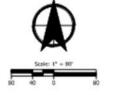
- Project Understanding & Baseline Assessment
 - Data Collection
 - Existing Conditions
 - Future No Build
- Concept Development & Evaluation
 - Improved Traffic Signals
 - Roundabouts
- Stakeholder Engagement & Public Involvement
 - Stakeholder meetings (5)
 - TAC meetings (3)
 - Small public engagement meetings
 - Woodland Planning Commission
 - Woodland City Council
 - Trucking Industry
 - Public Open House
- Draft traffic documentation





KITTELSON & ASSOCIATES I-5 at SR 503 Interchange Improvements Woodland, WA







Evaluation Criteria

I-5 / SR 503 (Exit 21) Interchange Improvements		
Evaluation Criteria	Improved Signals	Roundabouts
Traffic Operations		
Bike / Pedestrian Connectivity		
Safety		
System-Wide Circulation		
Right-of-Way Feasibility		
Estimated Cost		
Community Support		
Local Trucking Industry Support		
Construction Phasing / Schedule		
Good / Significant Improvement / Strong Support		
Above Average / Improvement / Support		
Poor / No Improvement / No Support		
* dependent on available funding		



Traffic Operations

I-5 / SR 503 (Exit 21) Interchange Improvements		
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Traffic Operations		
Bike / Pedestrian Connectivity		
Safety		
System-Wide Circulation		
Right-of-Way Feasibility		
Estimated Cost		
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- Both concepts improve traffic operations, particularly for the Exit 21 Northbound Off-Ramp.
- Trade-offs with both concepts.
 - Queuing
 - Vehicle delays



Bike/Pedestrian Connectivity

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- Both concepts improve connectivity for cyclists and pedestrian.
- Safer and more effective east-west connectivity.
- Multi-use path along the north side of SR 503.



Safety

I-5 / SR 503 (Exit 21) Interchange Improvements		
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- Roundabouts are widely known as a safer intersection control to signalized intersections due to slower vehicle speeds.
- Creates a slower speed environment and eliminates possibility of dangerous head-on crashes.



System-Wide Circulation

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- Both concepts largely maintain existing traffic patterns.
- Addition of right turn by-pass lane from I-5 off ramp to E CC St



Right-of-Way Feasibility

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- Both concepts require additional right-of-way.
- Improved signals concept impacts multiple properties for the Millard Avenue connection.



Estimated Cost

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- Both concepts are estimated around \$13M to \$15M.
- Construction phasing and available funding are key topics.



Community Support

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- Community support for the overall improvement project.
- Support for one concept versus the other has been largely split.
- Public open house survey results did not indicate a strong preference towards one or the other.



Local Trucking Industry Support

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- Both concepts can accommodate truck movements.
- Most local trucking companies did not have serious concerns with either concepts.
- Two companies that regularly transport large loads voiced strong opposition to the roundabouts.



Construction Phasing/Schedule

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- Improved Signals ability to construct in phases
- Roundabouts likely need to construct all roundabouts at the same time
- Available funding is a key driver towards the schedule



Questions?

