

# **North Lewis County Industrial Access Transportation Study**

# **Lewis County Commissioners Briefing #2**

Laurie Lebowsky-Young, WSDOT  
Richard Warren, WSDOT

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# Overview

- Legislative proviso
- Purpose, need, and goals
- Public outreach
- Potential improvements
- Evaluation and traffic modeling
- Recommendations
- Next steps



# Proviso, Purpose and Need

## Legislative Proviso Objective:

- Improve access to the industrially-zoned properties in North Lewis County

## Purpose and Need:

- The study will address the current conflicts between freight traffic and local road users of all modes

## Goals:

- Improve safety
- Take a holistic view of transportation in North Lewis County
- Identify short- and long-term solutions for improved traffic and multimodal operations

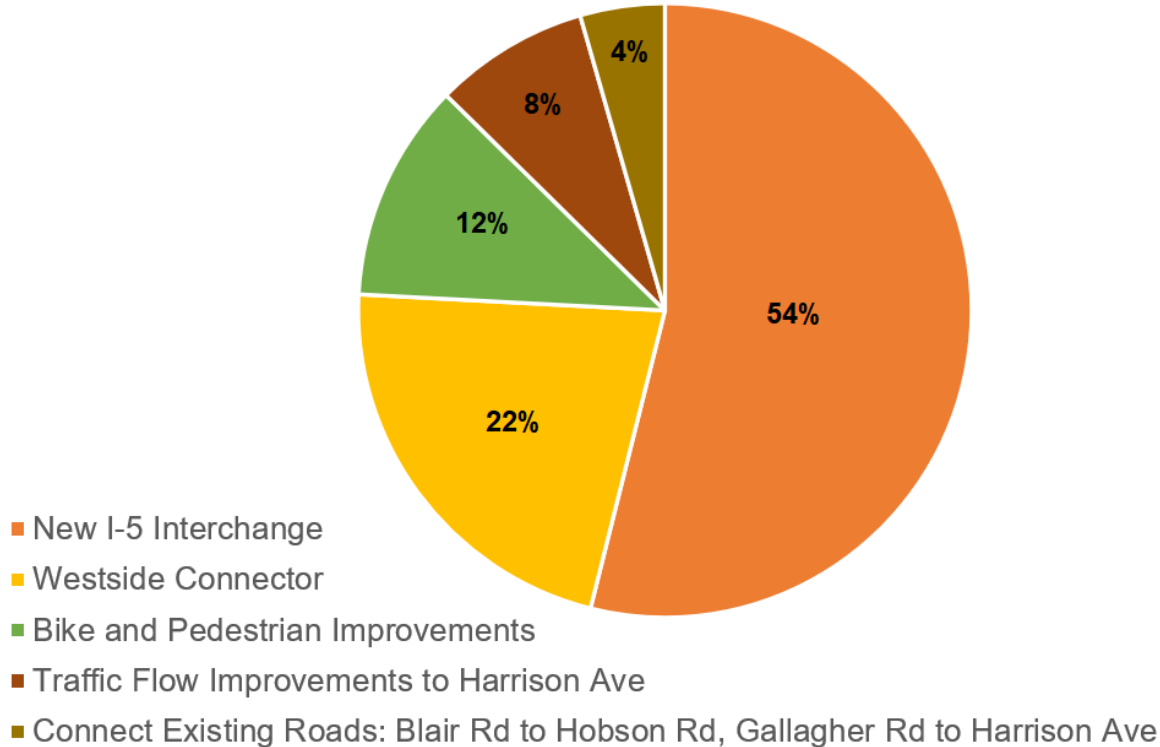
# Public and Stakeholder Engagement

## How did we obtain input?

- Four stakeholder meetings between Fall 2022 and Spring 2023
- Online open house in March 2023
- Attended Harrison / Reynolds Improvements Project open house on April 20
- Online public survey from May 31 – June 14

# Public Survey Results (280 responses)

Question: Please Indicate Your Preferred Potential Improvement

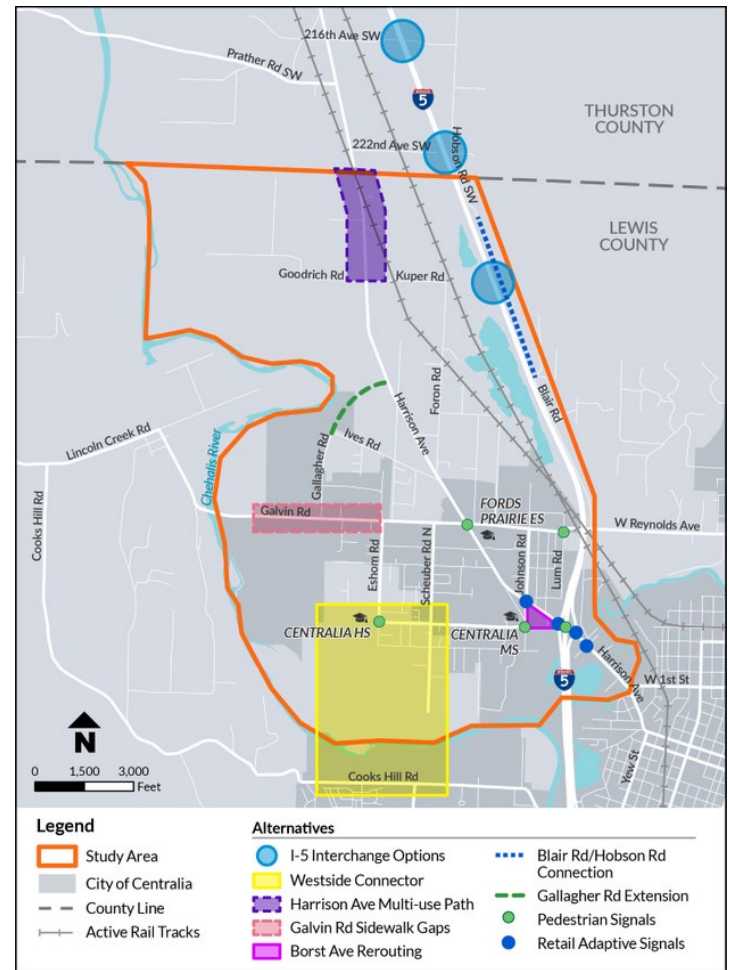




# Potential Improvements

# Improvements Overview

- Traffic flow improvements on Harrison Ave
- Local road network improvements
- Bike & pedestrian improvements
- New I-5 Interchange



# Traffic Flow Improvements to Harrison Ave

## Improvements or Modifications

- Consolidate driveways where possible
- Make some driveways right-in/right-out
- Install adaptive signals
- Install center curb median

## Estimated Cost – Rounded (\$2023)

- \$1,200,000 total
  - \$940,000 for adaptive signals
  - \$260,000 for access consolidation



# Local Road Network Improvements

## Improvement

- Connect Blair Rd and Hobson Rd

## Estimated Cost – Rounded (\$2023)

- \$165,000,000



# Local Road Network Improvements

## Improvement

- Extend Gallagher Rd north to Harrison Ave

## Traffic Changes

- Modest increase on Gallagher Rd
- Decrease on Sandra Ave

## Estimated Cost – Rounded (\$2023)

- \$20,000,000



# Local Road Network Improvements- Westside Connector

## Improvements

- New bridge over Chehalis River with bike and pedestrian separation
- Upgrades to Oakland Ave and Scheuber Rd
- Extend N Scheuber Rd to the north

## Traffic Changes

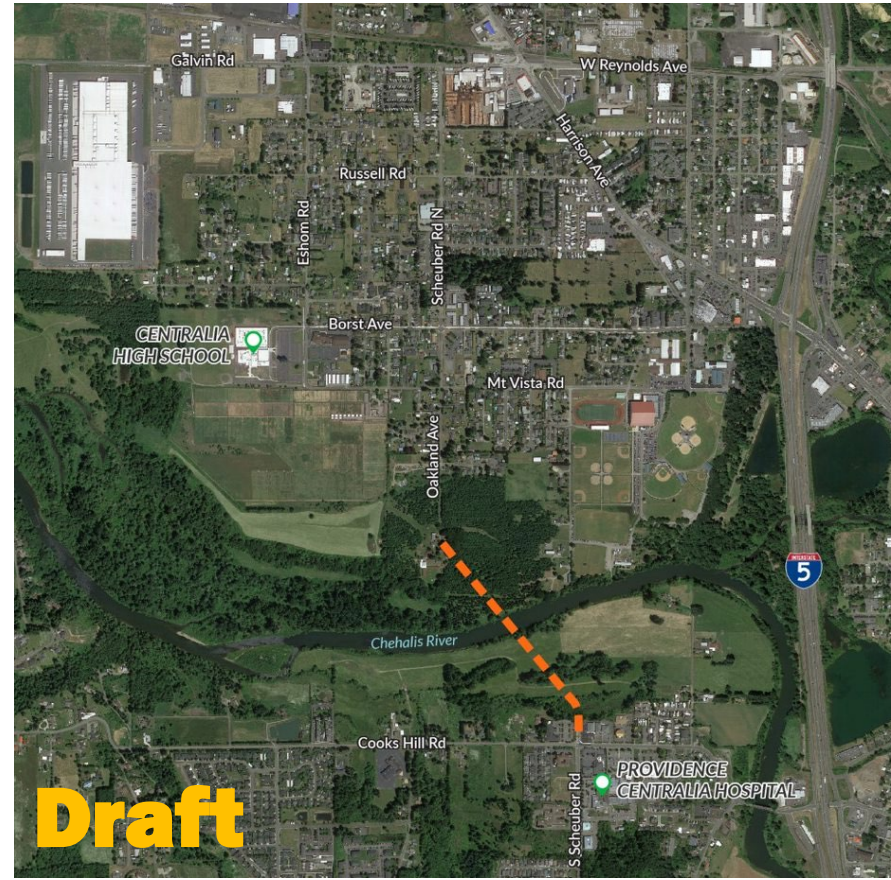
- Decrease traffic volumes on Harrison Ave between Johnson Rd and I-5 interchange

## Estimated Cost – Rounded (\$2023)

- \$60,000,000

## Coordination

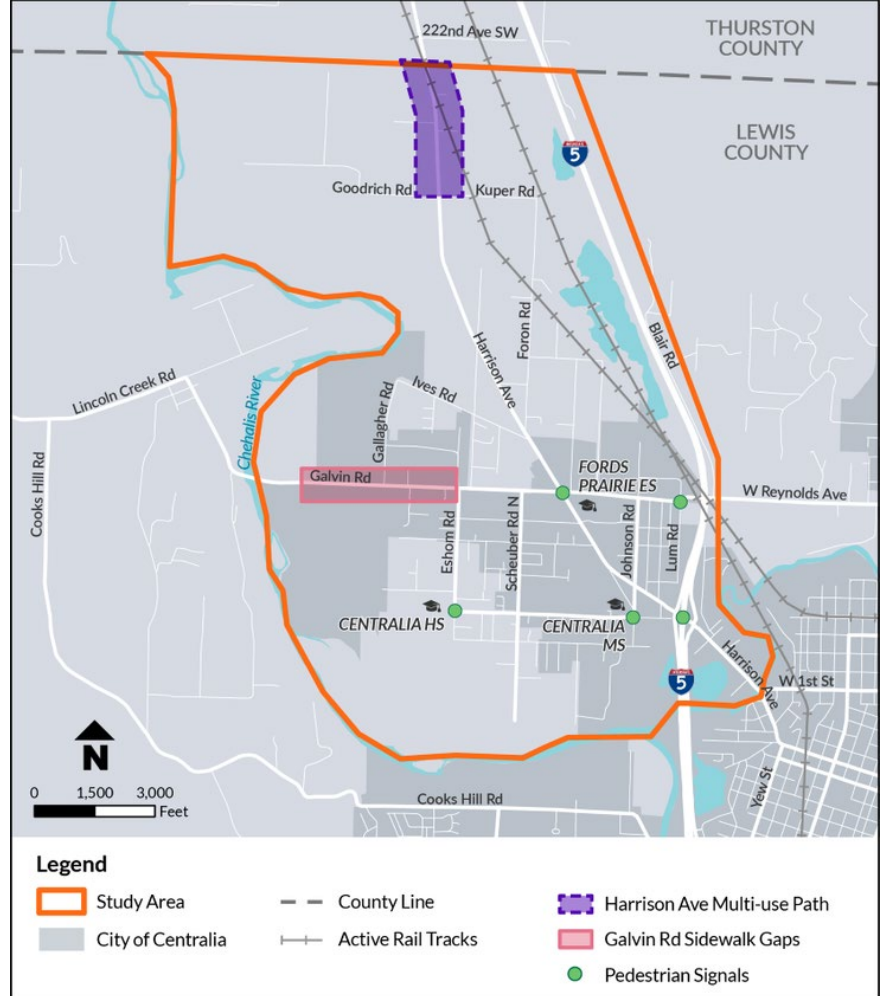
- Tribal input needed



# Bike & Pedestrian Improvements

## Estimated Cost – Rounded (\$2023)

- \$3,300,000 total
  - \$900,000 for pedestrian signals
  - \$1,100,000 for Galvin Rd sidewalks
  - \$1,300,000 for Harrison Ave improvements



# New I-5 Interchange

## Improvements

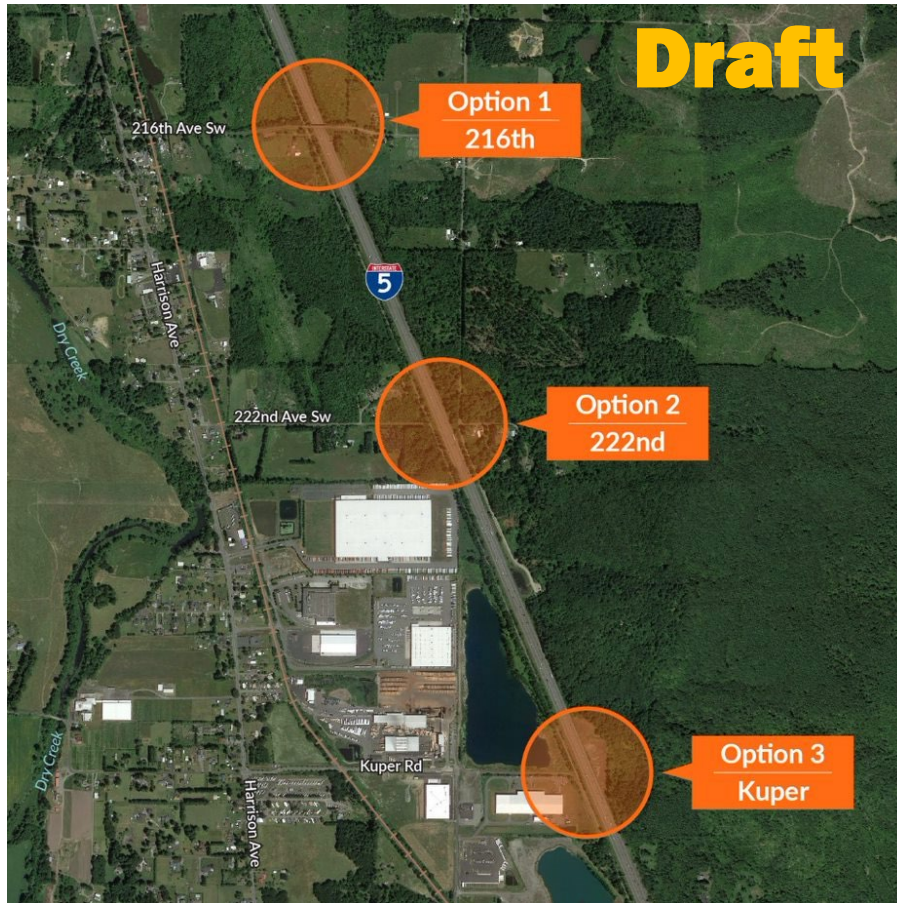
- Option 1: 216<sup>th</sup> Ave (Thurston County)
- Option 2: 222<sup>nd</sup> Ave (Thurston County)
- Option 3: Kuper Rd (Lewis County)

## Coordination

- Would require state and federal review and approval

## Traffic Changes

- Decrease in volumes on Harrison Ave near existing interchange
- Modest increase in volumes on I-5 between Grand Mound and Harrison interchanges



# I-5 Interchange Option: Kuper Rd

## Benefits

- Closest location to industrial areas in North Lewis County
- Greatest distance between Harrison Ave and R-1 railroad

## Challenges

- Landslide area immediately east of I-5
- Impacts to adjacent industrial properties
- Would require clearance with R-4 railroad



# I-5 Interchange Option: 222<sup>nd</sup> Ave SW

## Benefits

- Second-closest location to industrial areas in North Lewis County
- No industrial property impacts

## Challenges

- Residential property impacts
- Steep slopes to the east of I-5
- Would require several new structures
- Would require relocating rail line



# I-5 Interchange Option: 216<sup>th</sup> Ave SW

## Benefits

- Existing, permitted overcrossing over R-4 railroad and I-5
- No industrial property impacts and minimal impacts to residential properties
- Fewest environmental constraints
- Most straightforward design

## Challenges

- Furthest from industrial properties in North Lewis County
- R-1 railroad 300-ft east of Harrison Ave

## Estimated Cost – Rounded (\$2023)

- \$100,000,000





# Potential Improvements Evaluation

# Evaluation Overview

## Evaluation and Scoring Process

- Initial screening based on Purpose and Need
  - Ruled out potential projects on Lum Road
- Traffic pattern changes assessed using Thurston Regional Planning Council model
  - Analyzed a new I-5 interchange, Westside Connector, and Gallagher Road extension
  - Assumes Harrison/Reynolds project improvements are in place
- Scoring of projects



# **Recommendations**

# Recommendations

## Carry Forward:

- Interchange at 216<sup>th</sup> Ave
- Westside Connector
- Access consolidation on Harrison Ave
- Adaptive signals on Harrison Ave
- Pedestrian signals at key intersections
- Address sidewalk gaps on Galvin Rd
- Harrison Ave shared-use path
- Extend Gallagher Rd to Harrison Ave

## Do Not Carry Forward:

- Interchange at 222<sup>nd</sup> Ave
- Interchange at Kuper Rd
- Connect Blair Rd to Hobson Rd

# Next Steps

- **July 14:** Project team finishes first draft of report
- **July 17 - August 4:** Stakeholder team reviews draft report
- **August 31:** Finalize report

Thank you!!