SR 432 / California Way / East Industrial Way Intersection Improvements

City Council Work Session

March 15, 2018

Jeff Cameron, Public Works Director

SR 432 / California Way / East Industrial Way Intersection Improvements

January 25, 2018 Workshop Summary

- SR 432/ California Way Intersection improvements identified in 2014 corridor study
- $5.3M grant awarded based on concept below
- Council voted not to proceed with the project and accept the grant

- Realign California Way to create a single intersection
- Improve traffic signal operation
- Construct left turn lane curbing on SR 432 for access management

March 15, 2018 Work Session

- Explore alternatives for intersection alignment
- Property and Business owners near proposed project invited to participate in the work session
- Traffic engineering firm Kittelson and Associates invited to participate in the work session

SR 432 / California Way / East Industrial Way Intersection Improvements

2014 SR 432 Highway Improvements and Rail Realignment Study Summary

- Level 1 screening developed At-Grade and Grade-Separated concepts
- Level 2 screening advanced some concepts for more detail analysis
- Level 2 Assessment and Scoring Summary

STEP 2 - Assessment and Scoring

SR432
Rail Realignment & Highway Improvements Project

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	SCORE FOR EACH CONCEPT (Scale of 0 to 3)			Key Points
Railroad Concepts				
South Corridor Unit Trains	2.4			South RR Concept is best fit for project goals.
Central Corridor Unit Trains	1.4			
Both Corridor Unit Trains	1.6			
Roadway Concepts	South	Central	Both	
SR 432 / SR 411 / Tennant Way				
Reconstruct Existing SR 432 / SR 411 Interchange	2.6	2.4	2.4	
Reconstruct to Half Diamond	2.9	2.7	2.7	Better Safety and Stakeholder support
SR432 / 3rd Ave / Industrial Way				**No strong solution at 3rd / Industrial Way**
California Way / Industrial Way Single Intersection	1.6	1.4	1.4	At-grade - not rail friendly
Realign California Way	1.7	1.5	1.5	At-grade - not rail friendly
SR 432 Alignment - *representative concept* - (SR432_3rdAve_Industrial Way_California Way - Grade Separated Improvement - SR 432 Alignment Option 2.pdf)	1.6	1.6	1.6	Grade Separation, but Low Accessibility, Stakeholder Support (impacts to Pac Fibre)
SR 432 / SR 433				
Elevated Intersection - *representative concept* - (SR432_SR433 - Grade Separated - Elevated Intersection Option 1.pdf)	2.1	2.1	2.1	Low Environmental score
Segment 1 - West SR 432				
Industrial Access - *representative concept* - (Segment 1 - West SR 432 - Industrial Access Near Washington Way.pdf)	2.0	2.0	2.0	Low Stakeholder support (public perception)
Segment 2 - East SR 432				
Industrial Way Bypass – Alabama Alignment (At-Grade)	2.3	2.1	2.1	Good fit for project goals

SR 432 / California Way / East Industrial Way Intersection Improvements

At-Grade: Advanced to Level 2 Screening

SR 432/3rd Ave/Industrial Way/California Way

At-Grade Improvement – California Way/Industrial Way Single Intersection

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At-Grade: Advanced to Level 2 Screening

SR 432/3rd Ave/Industrial Way/California Way

At-Grade Improvement – Re-Align California Way

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At-Grade: Dropped from consideration for level 2 screening

Node 2 – 3rd Ave/Industrial Way/SR 432

At-Grade: Separated Intersections

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Grade-Separated: Advanced to Level 2 Screening

SR 432/3rd Ave/Industrial Way/California Way

Grade-Separated Improvement – SR 432 Alignment Option 2

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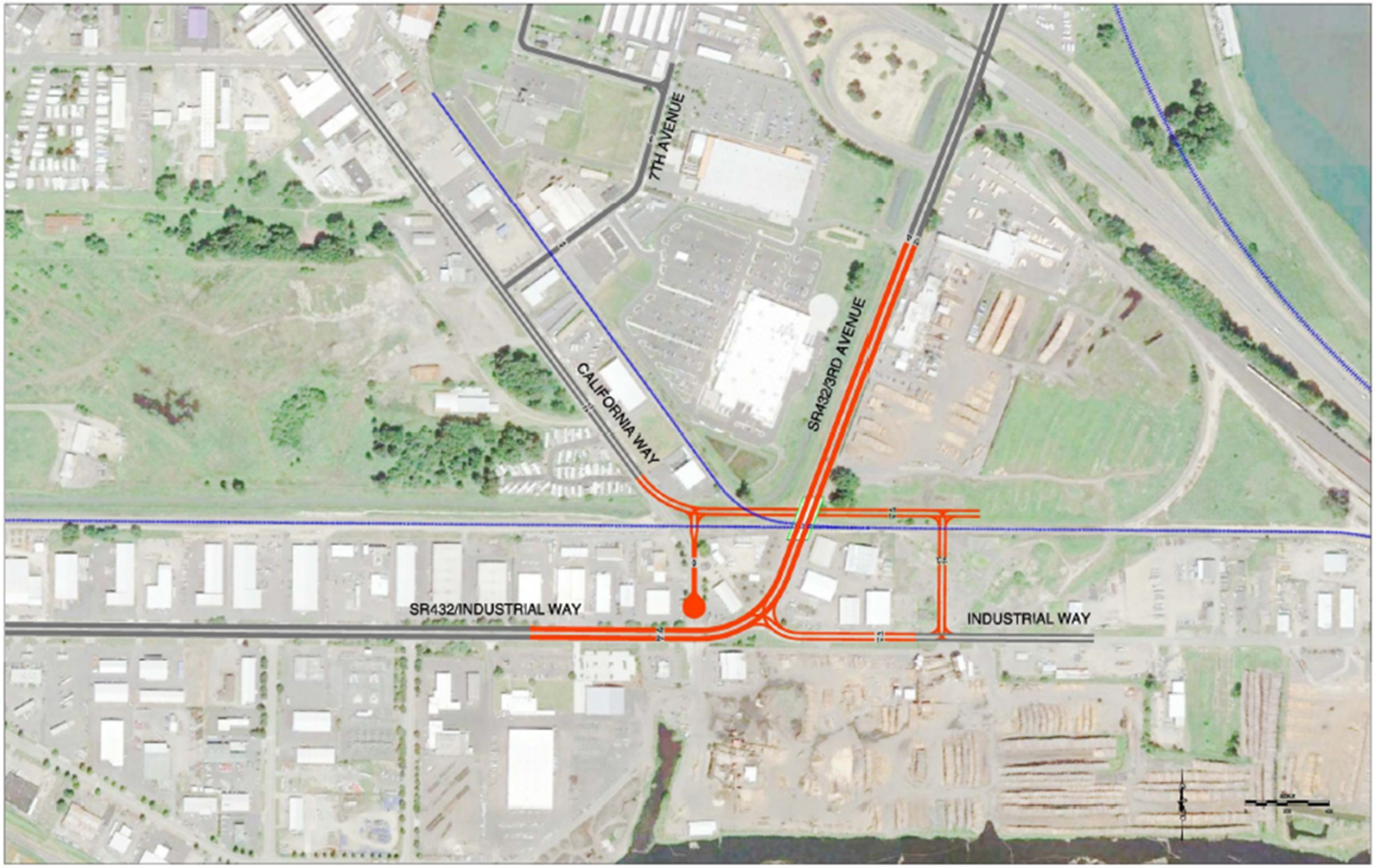

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Grade-Separated: Dropped from consideration for level 2 screening

SR 432/3rd Ave/Industrial Way/California Way

Grade-Separated Improvement – SR 432 Alignment Option 1

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Grade-Separated: Dropped from consideration for level 2 screening

SR 432/3rd Ave/Industrial Way/California Way

Grade-Separated Improvement – Eastern SR 432 Alignment

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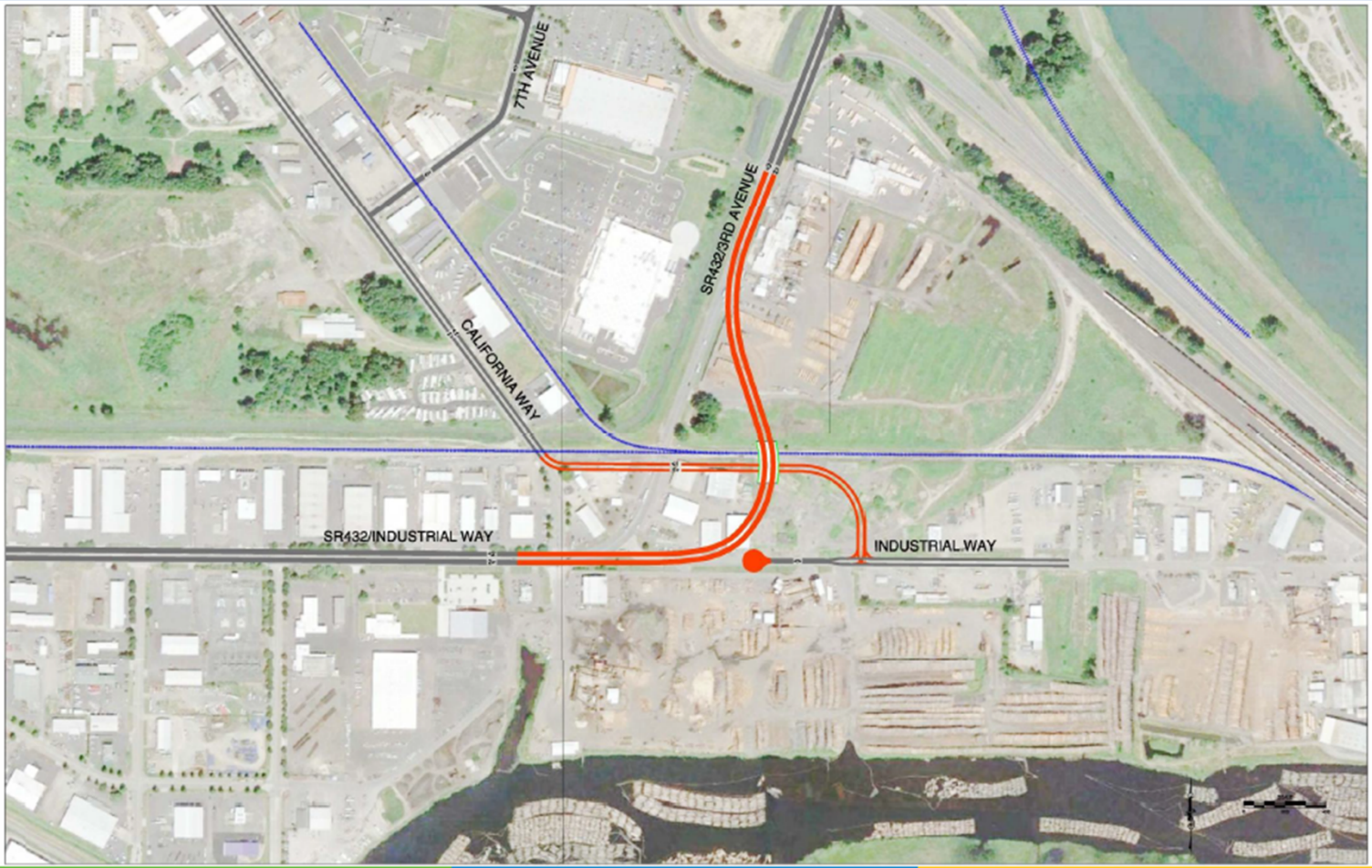

SR 432 / California Way / East Industrial Way Intersection Improvements

Grade-Separated: Dropped from consideration for level 2 screening

SR 432/3rd Ave/Industrial Way/California Way

Grade-Separated Improvement – Western SR 432 Alignment

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Summary of Concepts not Advanced from 2014 Study - Level 1 Screening

3rd Ave/Industrial Way/SR 432

At-Grade

Separated Intersections

- Physical impacts to existing businesses near the California Way and Industrial Way intersections.
- Minimal improvement to existing access and circulation to/from existing businesses.

Grade-Separated

SR 432 Alignment

- Physical impacts to existing businesses along 3rd Avenue near California Way and Industrial Way.
- Diminishes access to/from existing businesses.
- Moderate/high magnitude of construction and overall cost.
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Eastern SR 432 Alignment

- Physical impacts to existing businesses east of 3rd Avenue and near the California Way and Industrial Way intersections.
- Diminishes access to/from existing businesses.
- Moderate/high magnitude of construction and overall cost.

Western SR 432 Alignment

- Physical impacts to existing businesses east of 3rd Avenue and near the California Way and Industrial Way intersections.
- Diminishes access to/from existing businesses.
- Moderate/high magnitude of construction and overall cost.

Next Steps

- Work Session and Discussion
- Confirm or reject acceptance of $5.3M federal funding for SR 432 / California Way project