



SOUTH KELSO RAILROAD CROSSING

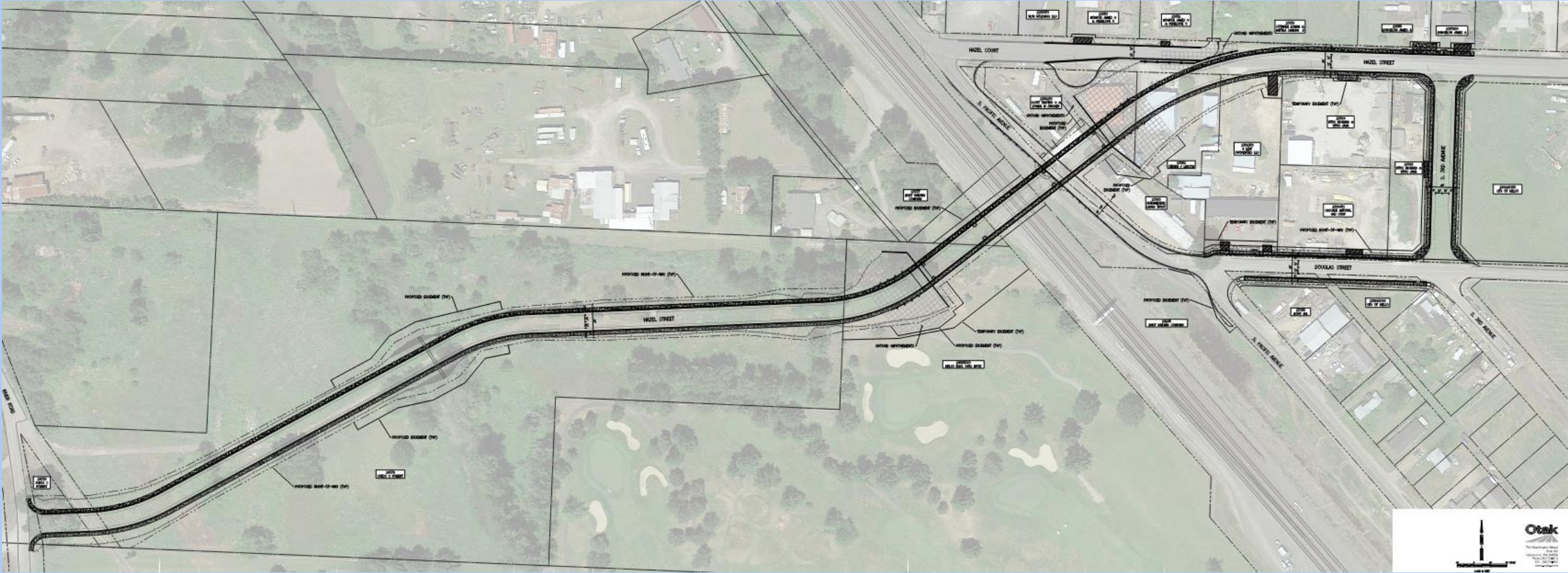
PROJECT UPDATE – JUNE 2021

Background

- Replacement of two existing at-grade railroad crossings – Mill Street, Yew Street
- Hazel Street Bridge over S. Pacific, BNSF railroad
- Hazel Street extended to S. River Road
- Mill Street closed to public traffic; crossing for emergency services, police, CDID, and pedestrian access
- Yew Street complete closure



Project Plan – 75% Design Stage



Bridge Profile (simulation)

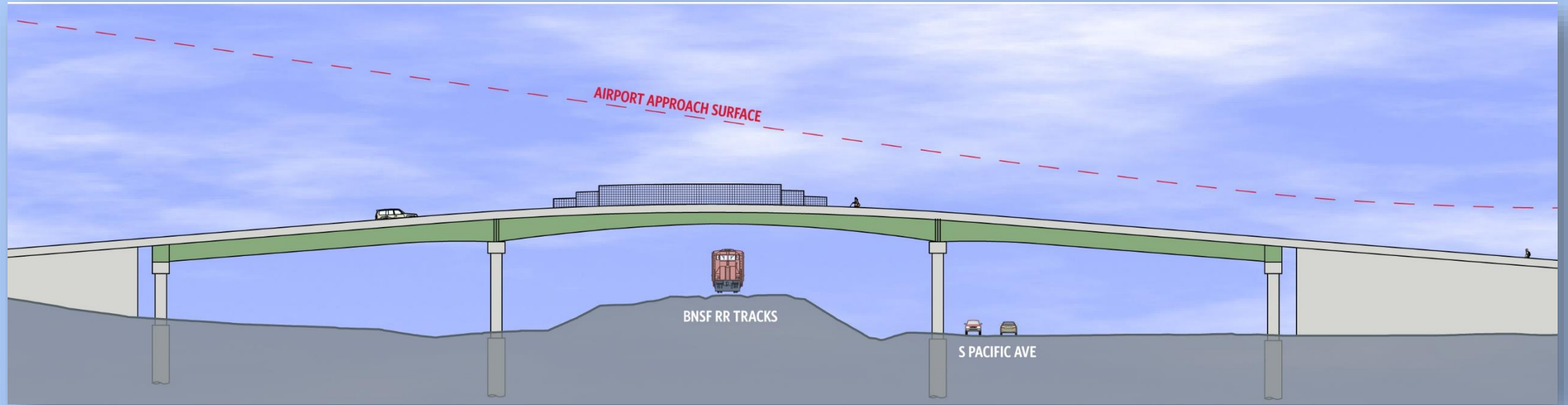


Illustration – Bridge Elevation View

Hazel Street Overcrossing Improvements

- Two travel lanes, bike lanes, sidewalks, street lighting
- Connection of Douglas to Hazel Street (3rd Ave S extension)
- New bridge
- Accommodation for large truck turning
- Underground storm drains
- Stormwater quality treatment
- New water mains throughout including bridge overcrossing
- Relocated utilities – Major PUD power poles at overcrossing, service poles along Hazel Street
- Property acquisitions - Right-of-way, easements; business relocations

Existing BNSF Railroad Crossing Closures

- Yew Street – Complete closure
- Mill Street – Modified to restrict public vehicular access

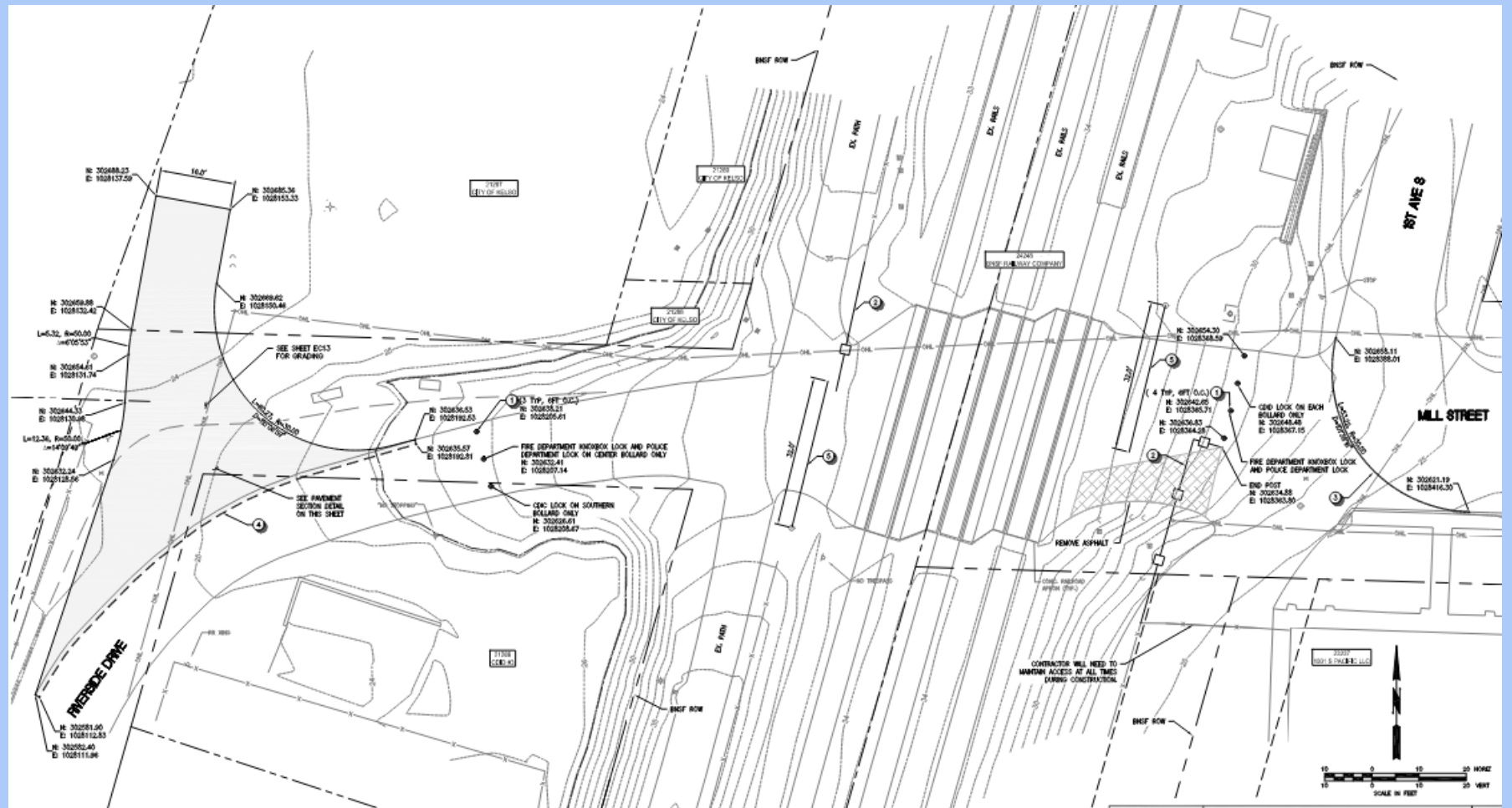


Existing Yew Street

Existing Mill Street



Mill Street



- Closed to public vehicular travel
- Access maintained for emergency services, police, CDID, pedestrians
- City to remove a portion of existing asphalt
- City to install new signs, fencing, bollards, lockboxes, barriers
- BNSF to change signal arms for pedestrians

*Mill Street Crossing
Modifications*

BNSF and WUTC Crossing Agreements

- WUTC agreements:

- *Yew Street Closure*
- *Mill Street Modifications*
- *Hazel Street Overpass Construction*

- BNSF:

- *Construction & Maintenance Agreement – Signal Bridge relocation; crossing closures (Mill Street signal gate modification, Yew Street signal and panel removals)*
- *Public Crossing Maintenance (Mill Street)*

Timeline

2017-2019

Preliminary Engineering and Environmental Clearance

2019-2022

Complete Final Design and Right of Way Acquisition

2022-2024

Construction (Two Years)

Project Cost Update

- Total Estimated Project Costs – \$29.3M
- Design, Permitting, Right-of-Way Acquisition Services – \$3.1M
 - *Includes new budget amendment – Right-of-Way/Relocation Services - \$290,000*
- Overall 10.5% of project costs for design, permitting, right-of-way services
- Cost Increases due to:
 - *Construction Cost Price Escalation*
 - *BNSF Signal Relocation Cost*
 - *City and County acquisitions and approvals*
 - *Property value increase*
 - *Requirements for federal funding*
 - *Schedule extension to 2024*

Status

- Cowlitz County Interlocal Agreement complete
- Completed 75-percent design and updated project cost estimate
- Obtained FAA design approval
- Negotiating property acquisitions in City and County
- Updating environmental documentation for federal funding
- Pursuing agreement with BNSF Railroad
- Submitted permit applications – Army Corps of Engineers, Cowlitz County
- Received notice of Section 130 federal funding award - \$4.2M

Next Steps

- Complete final design
- Complete property acquisitions and relocations
- Construction phase agreement for WSDOT Rail funding 2021-2024
- Construction agreement for federal funding through WSDOT Local Programs
- Develop BNSF agreements
- Develop Washington Utility & Transportation Commission agreements
- Complete permitting processes for wetland impacts and levee encroachments
- Advertise and bid project
- Construction – 2 years

Discussion

- Questions?