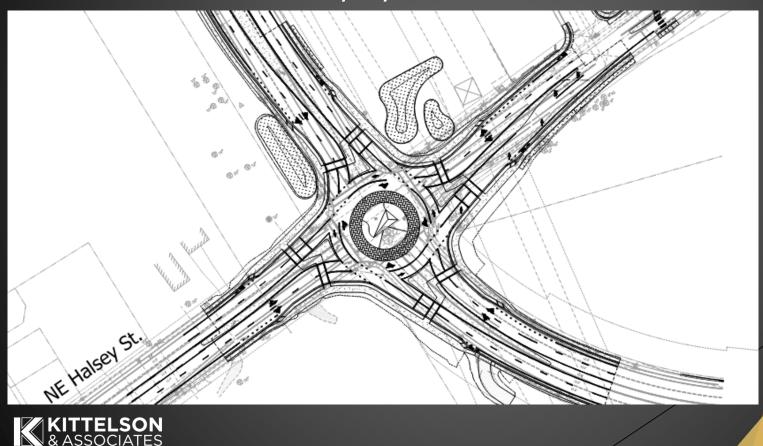
EAST MULTNOMAH COUNTY **FAIRVIEW PROJECTS**

09/08/2021





Overview

- Fairview Projects
- Project Backgrounds
 - ▶ NE 223rd Undercrossing
 - NE Fairview Parkway/Halsey Roundabout
- Review of Designs
- Next Steps

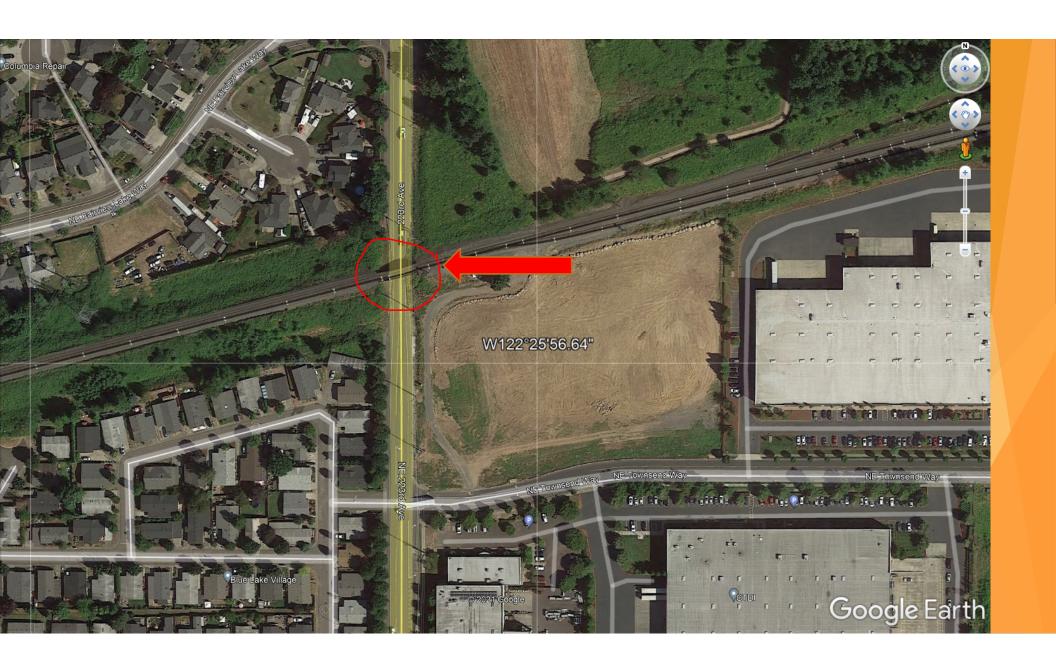


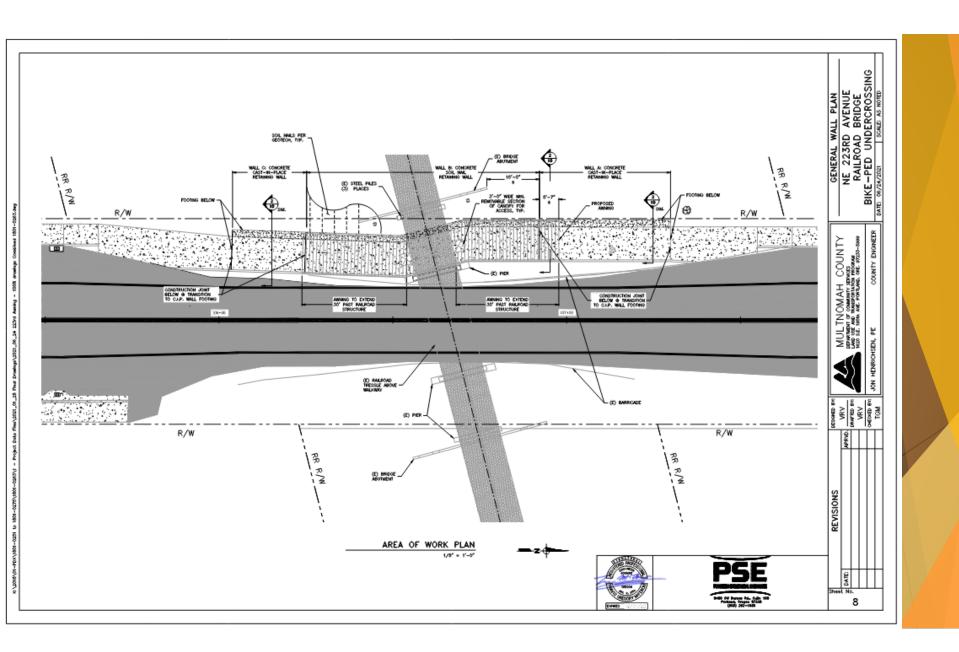
NE 223rd Bike/Ped Undercrossing Project Background

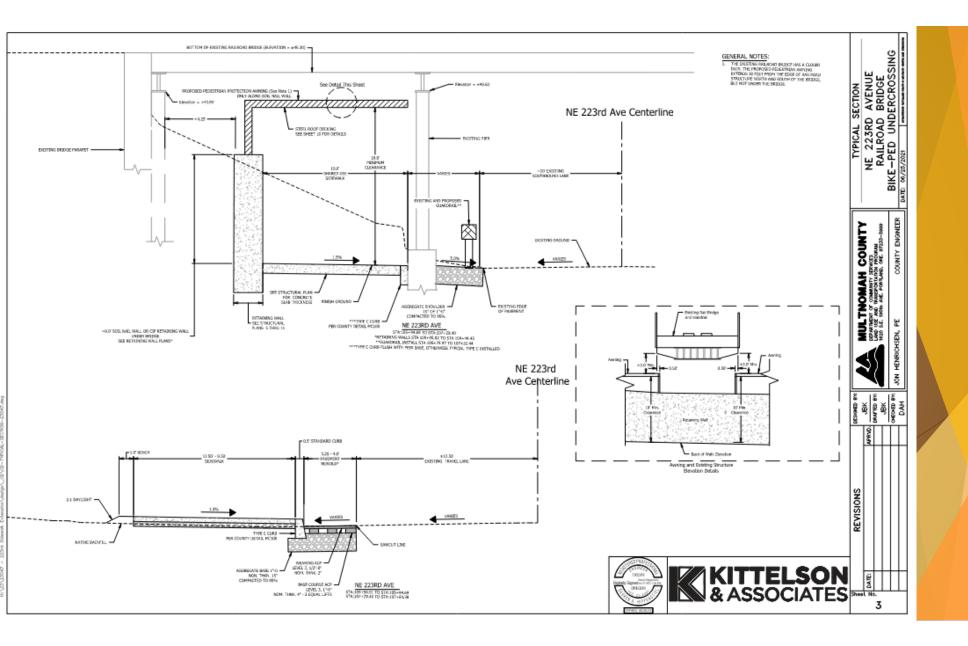
- Goal of project to complete sidewalk gap under the UPRR bridge which has narrow lanes and no facilities for bikes or pedestrians.
- Partial grant funding through METRO
- City of Fairview in the lead. Multnomah County roadway and R/W
- ▶ UPRR undercrossing requires permit from railroad. Diagnostic prior to project starting in 2018. UPRR and ODOT Rail Div. engaged from kickoff.
- Project at 100% final design level. Final permit plans will be sent to UPRR for approval in Sept. 2021.









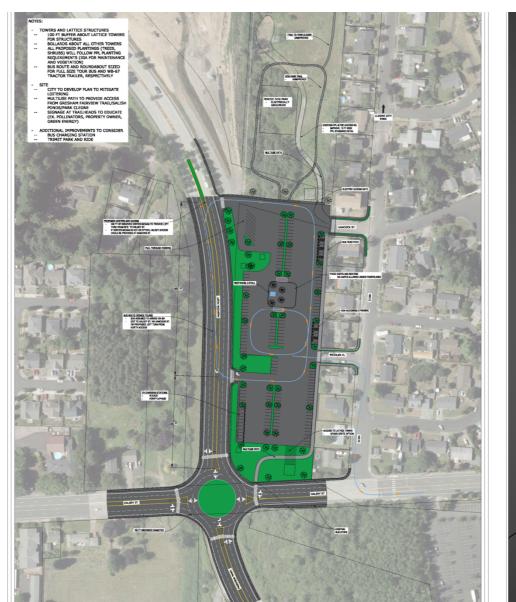


NE FAIREVIEW PKWY/HALSEY ROUNDABOUT Project Background

- City prepared draft roundabout layout and parking lot plan for Park n Ride
- Conducted traffic study to support intersection control evaluation (ICE)
- Updated roundabout and Park n Ride layouts by Kittelson
- Design contract for project design in two phases
 - ▶ Phase I 30% Design
 - Phase II Final PS&E











Traffic Analysis Summary

Traffic Operations Results for Fairview Pkwy & NE Halsey St				
Scenario	Weekday AM Peak Hour		Weekday PM Peak Hour	
	Delay (s/veh)	LOS	Delay (s/veh)	LOS
2018 Existing Signal	38.7	D	35.2	D
2018 Roundabout	16.5	С	14.4	В
2040 No Build	52.7	D	43.7	D
2040 Roundabout	24.7	С	25.9	С



Council Meetings

- January 15, 2020; April 2021
- What is a roundabout?
- Why roundabouts
 - Safety, Lower Delay, Environmental Benefit, Access Management, Operations and Maintenance Costs, and Aesthetics
- More on Safety
 - ▶ 90-100% reduction in fatalities
 - ▶ 75% reduction in injuries
 - ▶ 35% reduction in total crashes
 - Very little reported pedestrian and bicycle crash experience

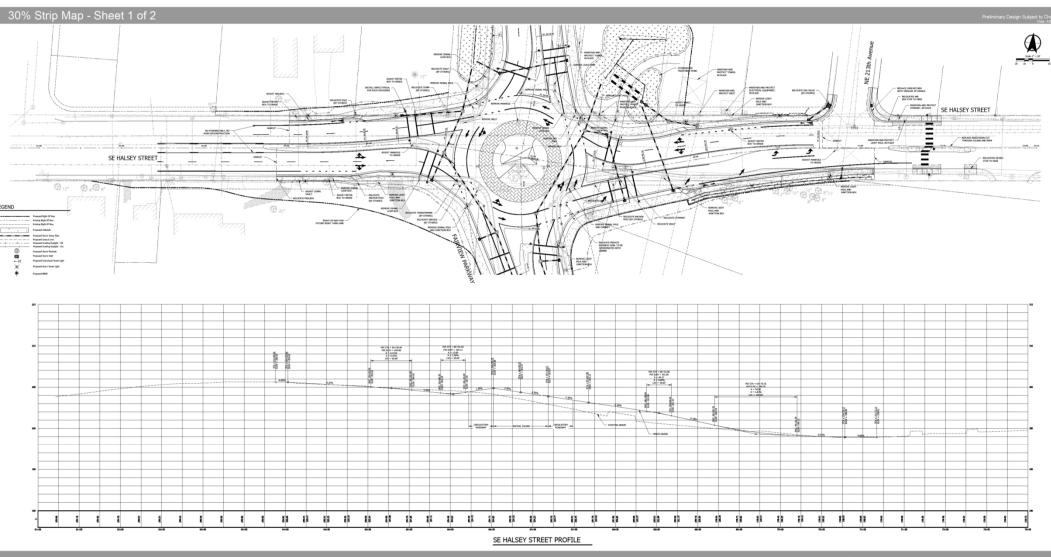
Source: NCHRP Report 572: Roundabouts in the United States



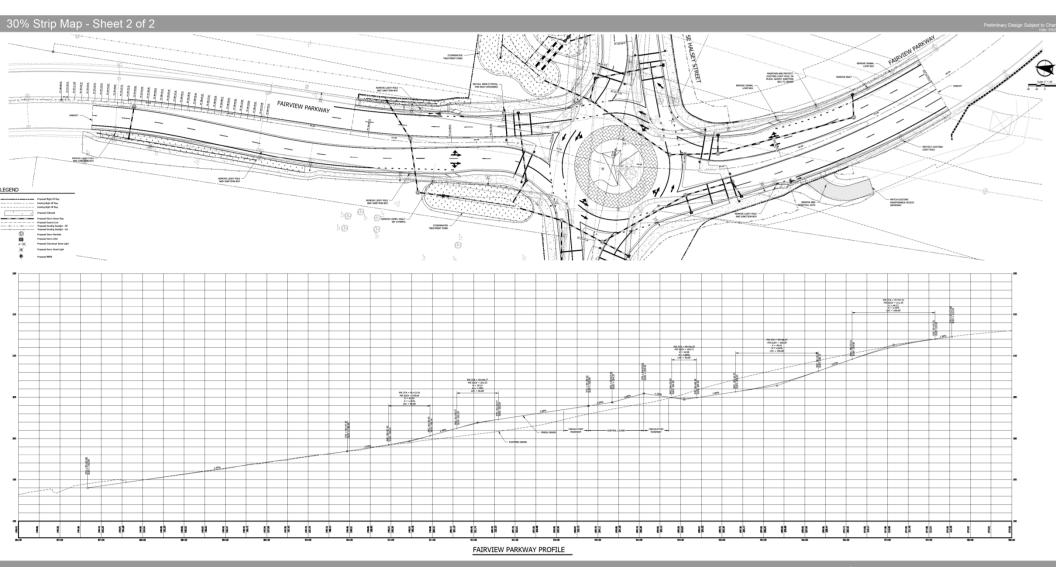
Where Are We Now?

- 30% roundabout design
 - Geotechnical analysis
 - ▶ Hazardous Materials Assessment
 - Landscape concept update
 - Review of utility impact and coordination
 - ► Coordination with TriMet to enhance bus stops in project area
 - ▶ Roundabout design checks and documentation memorandum
 - Design drawing of proposed improvements

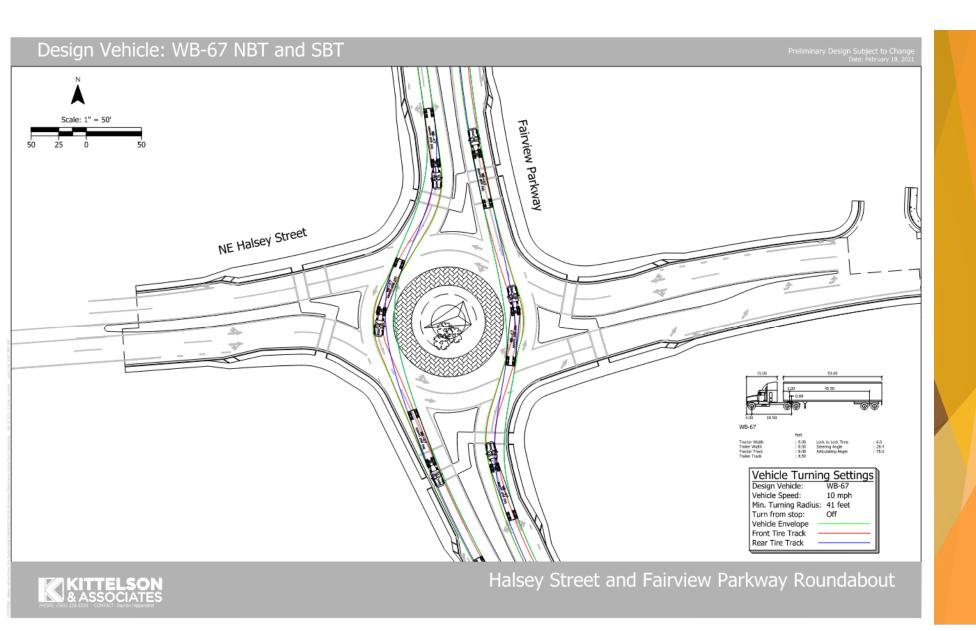


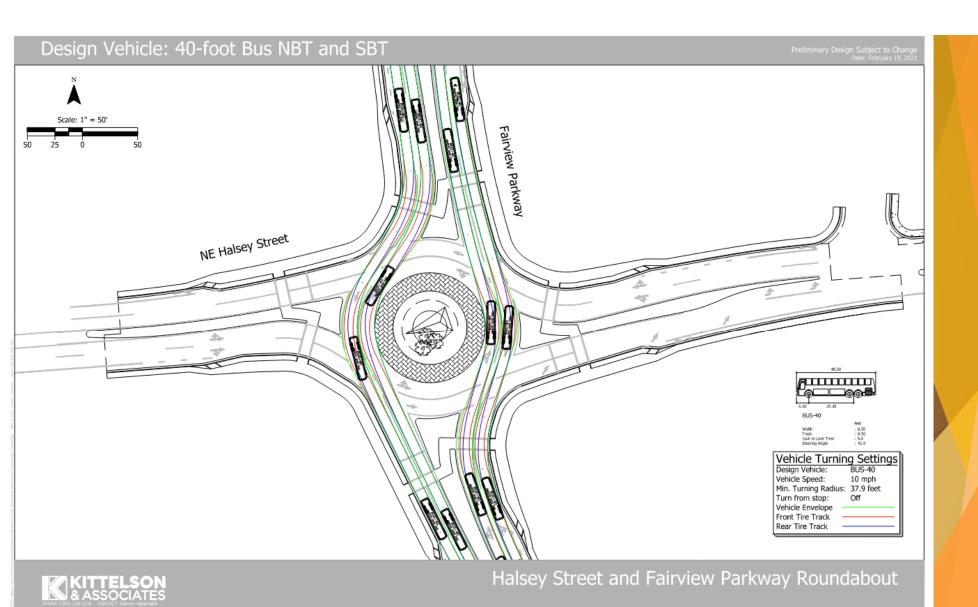


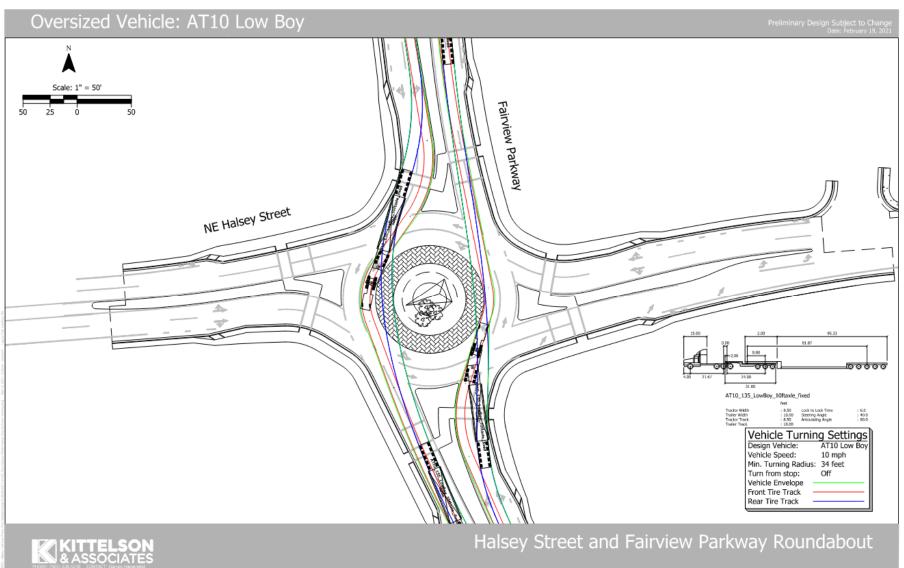
KITTELSON & ASSOCIATES Halsey Street & Fairview Parkway Roundabout Fairview, OR







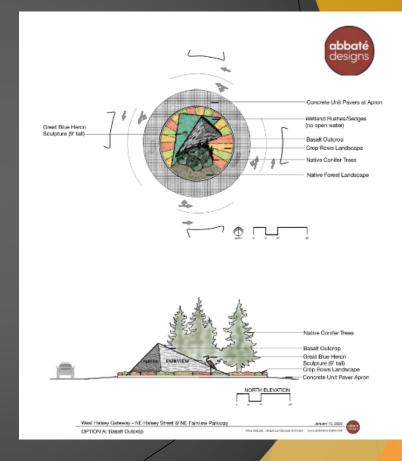




Halsey Street and Fairview Parkway Roundabout

How will it look?







Next Steps

- Fairview Parkway Roundabout
 - ► TSP update (both City and County) to get Roundabout in to TSP. Helps position project for grant funding. Timeline 3 months minimum.
 - ▶ Design team moves forward to prepare final design plans.
- ▶ NE 223rd Undercrossing
 - UPRR permit and C&M Agreement
 - Issue project for construction bids
 - ► Construction in 2022 anticipated



Questions?

