

OR217: OR10 – OR99W

BEAVERTON – TIGARD HIGHWAY

Update to WEA Transportation Committee

July 14, 2021



www.hwyl217.org



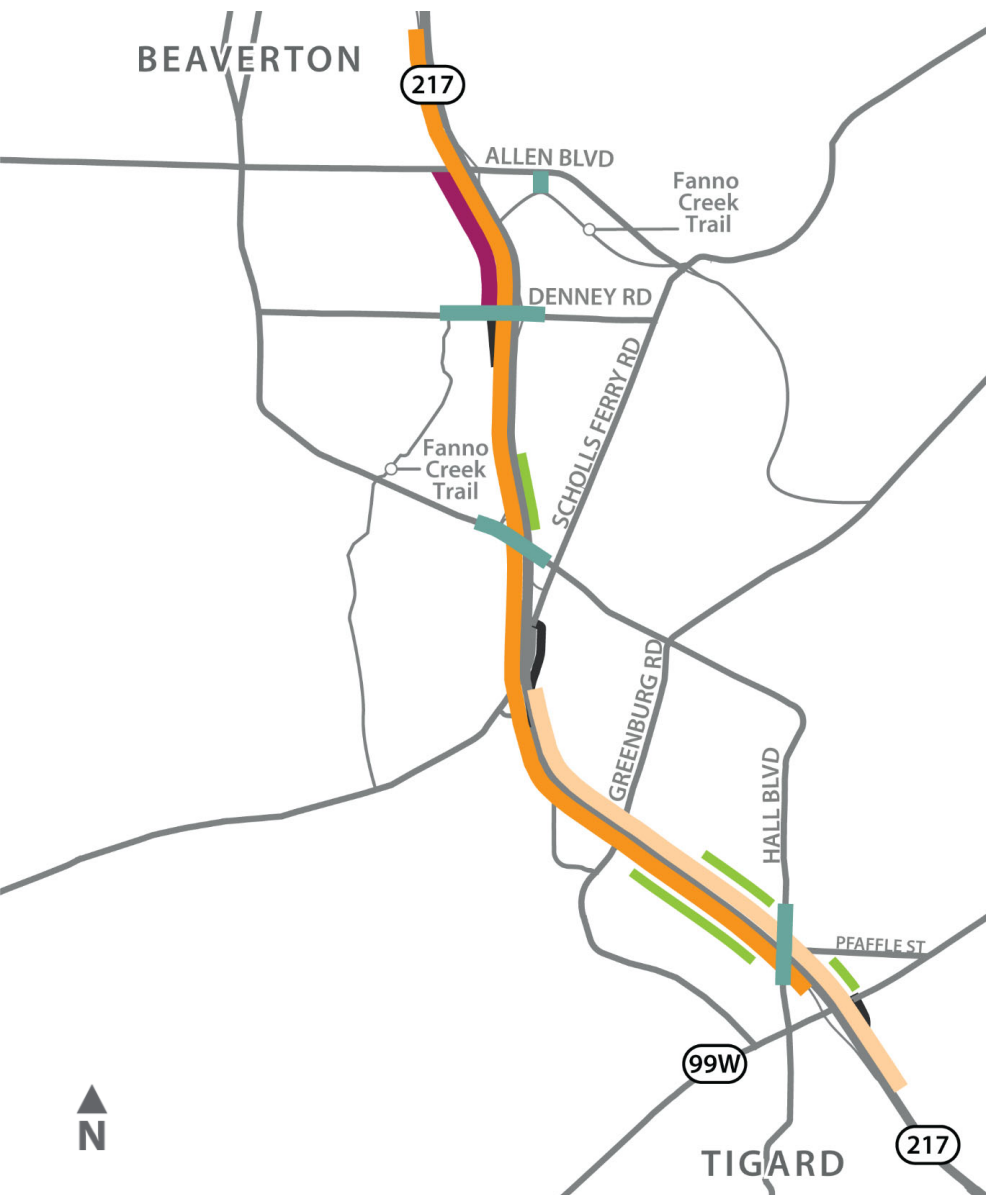
PROJECT OVERVIEW

- **Project Type:** Safety, Bridge, Bike/Ped, Operations
- HB 2017 Project
- Joint Consultant/ODOT Delivery



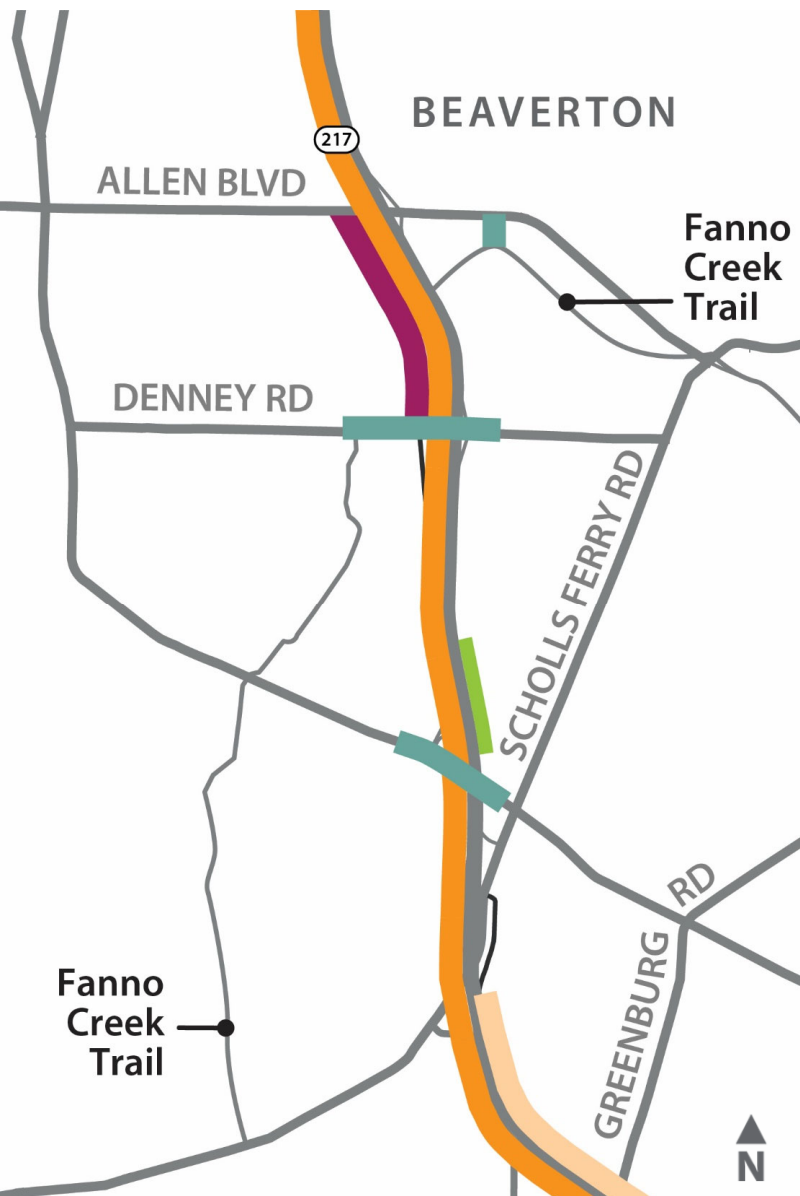
PROBLEM & SOLUTION

- 1 The close spacing of the Allen Blvd and Denney Rd interchanges present a safety issue due to weaving and congestion. Reconfigured to a collector-distributor frontage road and eliminate Allen Blvd entrance ramp and Denney Road exit ramp.
- 2 OR217 slowing occurs due to vehicles entering and exiting mainline travel lanes for short distances. The solution is to add a continuous auxiliary lanes in southbound direction from Beaverton-Hillsdale Hwy to OR99W and in northbound direction from OR99W to Scholls Ferry Rd.



PROJECT SCOPE

- Southbound Auxiliary Lane
- Northbound Auxiliary Lane
- Sound Wall
- Allen-Denney Frontage Road
- Pedestrian/Bike Improvements
- Ramp Widening



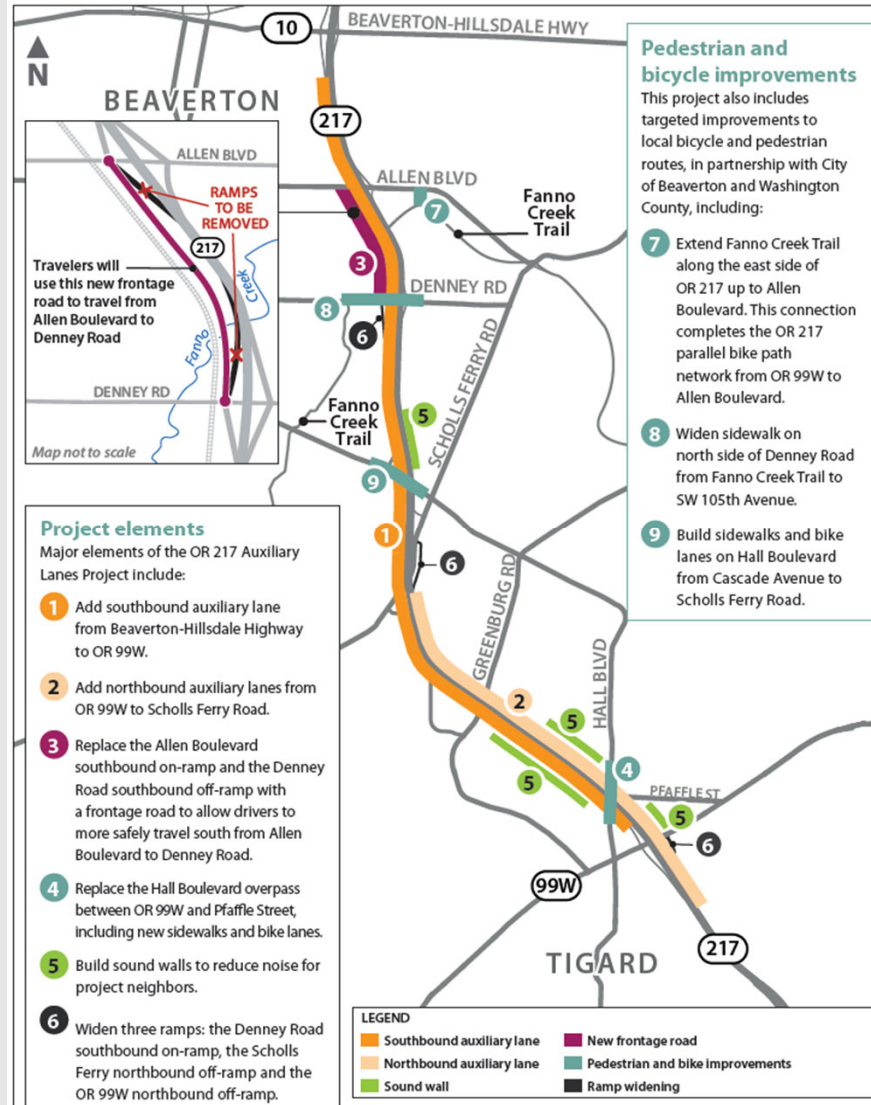
LOCAL AGENCY PARTNERSHIP BIKE/PED SCOPE



Pedestrian/Bike Improvements

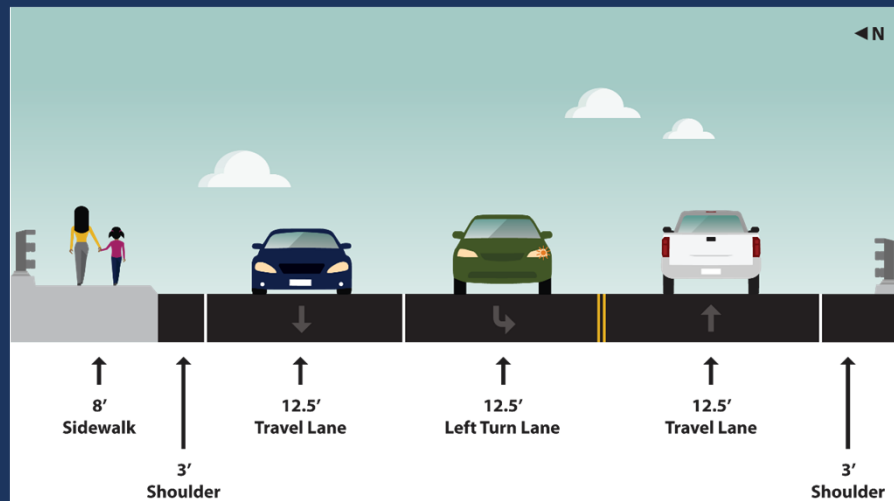
- Extend Fanno Creek Trail along east side of OR217 to Allen Blvd (constructed by City of Beaverton, funded by ODOT)
- Widen sidewalk on north side of Denney Road from Fanno Creek Trail to 105th (extending City project, partially constructed by City of Beaverton, funded by ODOT)
- New sidewalk and bike lane on Northern Hall Blvd Overpass

Project map



SW DENNY ROAD AT FANNO CREEK OVERPASS

Existing Cross Section

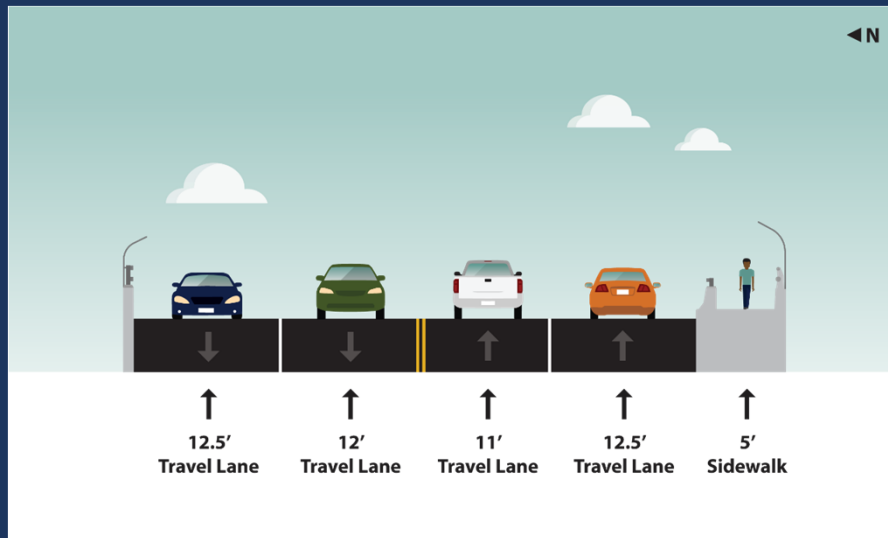


Future Cross Section

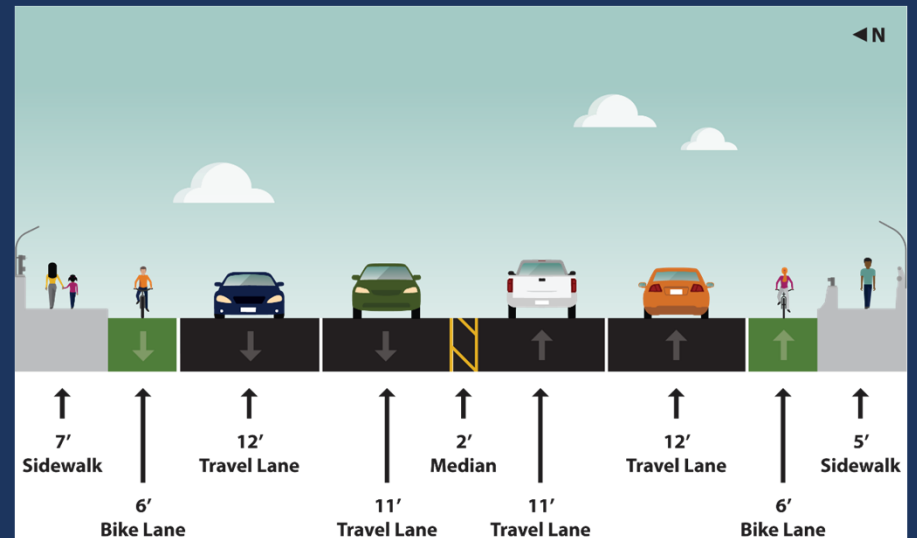


SW HALL BOULEVARD (NORTH) OVERPASS

Existing Cross Section

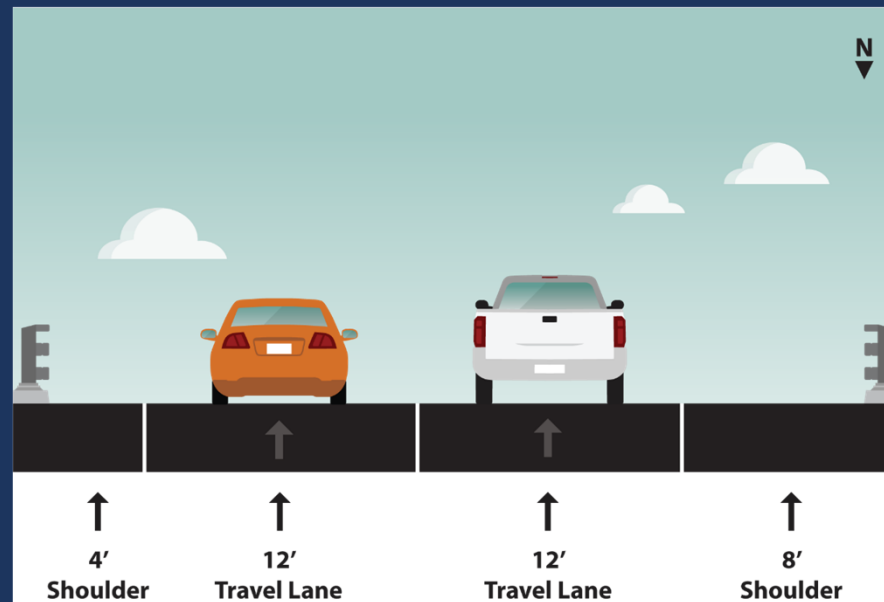


Future Cross Section



SOUTHERN FRONTAGE RD: SW ALLEN BLVD TO SW DENNY ROAD

Future Cross Section



PROJECT SCHEDULE

- **Current Phase:** Bid Advertisement
- **Design Completion:** June 7, 2021
- **Mandatory Pre-Bid – July 21, 2021**
- **Bid Opening Date:** August 26, 2021
- **# of Construction Seasons:** 4 (completion in 2025)

FUNDING SUMMARY

Phase	STIP Funding
PE Phase	\$21,000,000
OT/Beaverton IGA	\$50,000
OT/Bike Path	\$700,000
OT/Landscaping	\$850,000
ROW Acquisition	\$3,000,000
CN Phase	\$113,076,137
TOTAL	\$138,676,137

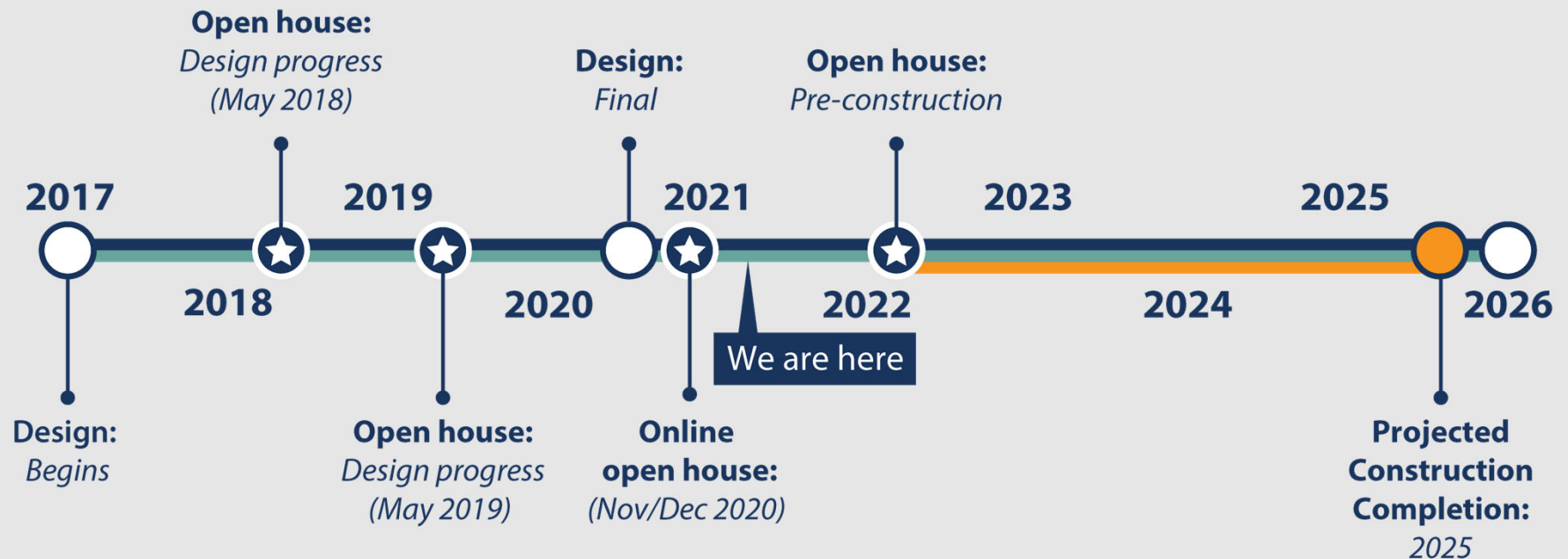
RISK MANAGEMENT

- **Value Engineering Study** – May 2019
- **Pilot Design Exception Tracking Database** – initiated in March 2019
- **Pilot Cost Validation** – March 2020
 - Quantification of project contingency and risks
- **Cost Risk Assessment** – November 2020
 - Quantitatively modeled the identified risks with an integrated cost and schedule simulation model following Preliminary PS&E
 - Risk Register developed to manage risk – maintained throughout project

COMMUNITY OUTREACH SCHEDULE

Public engagement throughout project

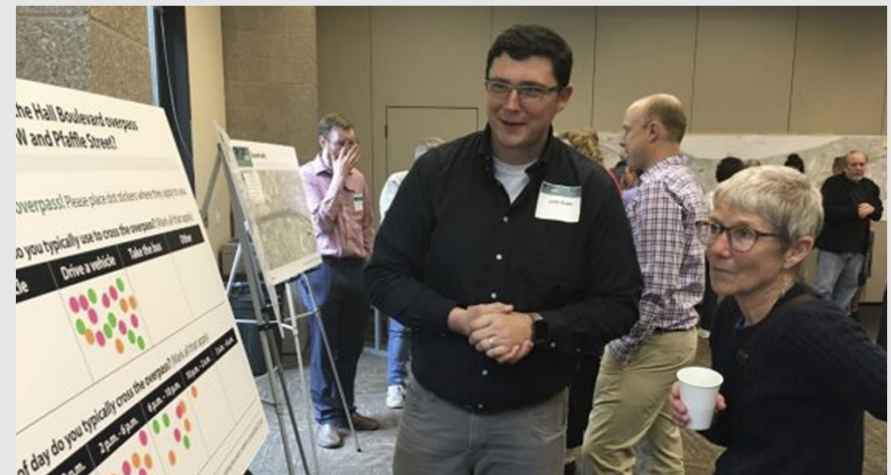
Construction



COMMUNITY OPEN HOUSES



Online Open House Presented in English/Spanish
November 2020



Public Open House
May 2019



KEY STAKEHOLDERS

- ***Under-represented communities:*** Through demographic research and knowledge of the community, we know there are a large number of Spanish-speaking people that live, work and own businesses in the OR 217 corridor. We are focused on building relationships with community-based organizations and individual businesses and residents, canvassing with Spanish-speaking staff and providing translations of all our materials and online open houses.
- ***Emergency, Health, and Police Services:*** Beaverton PD, Tigard PD, Washington County SO, Oregon State Police, Tualatin Valley Fire and

Rescue, WCCCA (911), Metro West Ambulance, AMR, Regional Hospitals, Multnomah County Health Dept. (area hospitals)

- ***Local Agencies:*** City of Beaverton, City of Tigard, City of Portland, Washington County, Trimet, City of Tualatin, Willamette Water Supply Program, Tualatin Valley Water District, Tualatin Hills Parks & Rec, Clean Water Services
- ***Washington Square (mall)***
- ***Adjacent businesses that rely on freight***



QUESTIONS?

