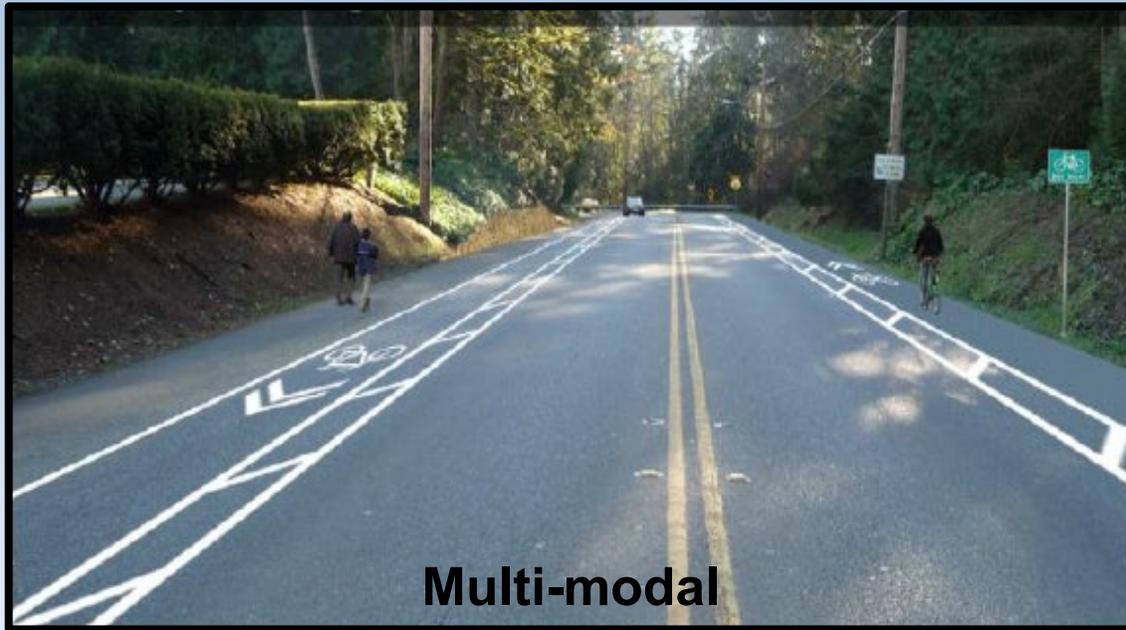


Juanita Drive

Multi-modal, Intersection and Safety Improvements

Kirkland Transportation Commission – September 23, 2020



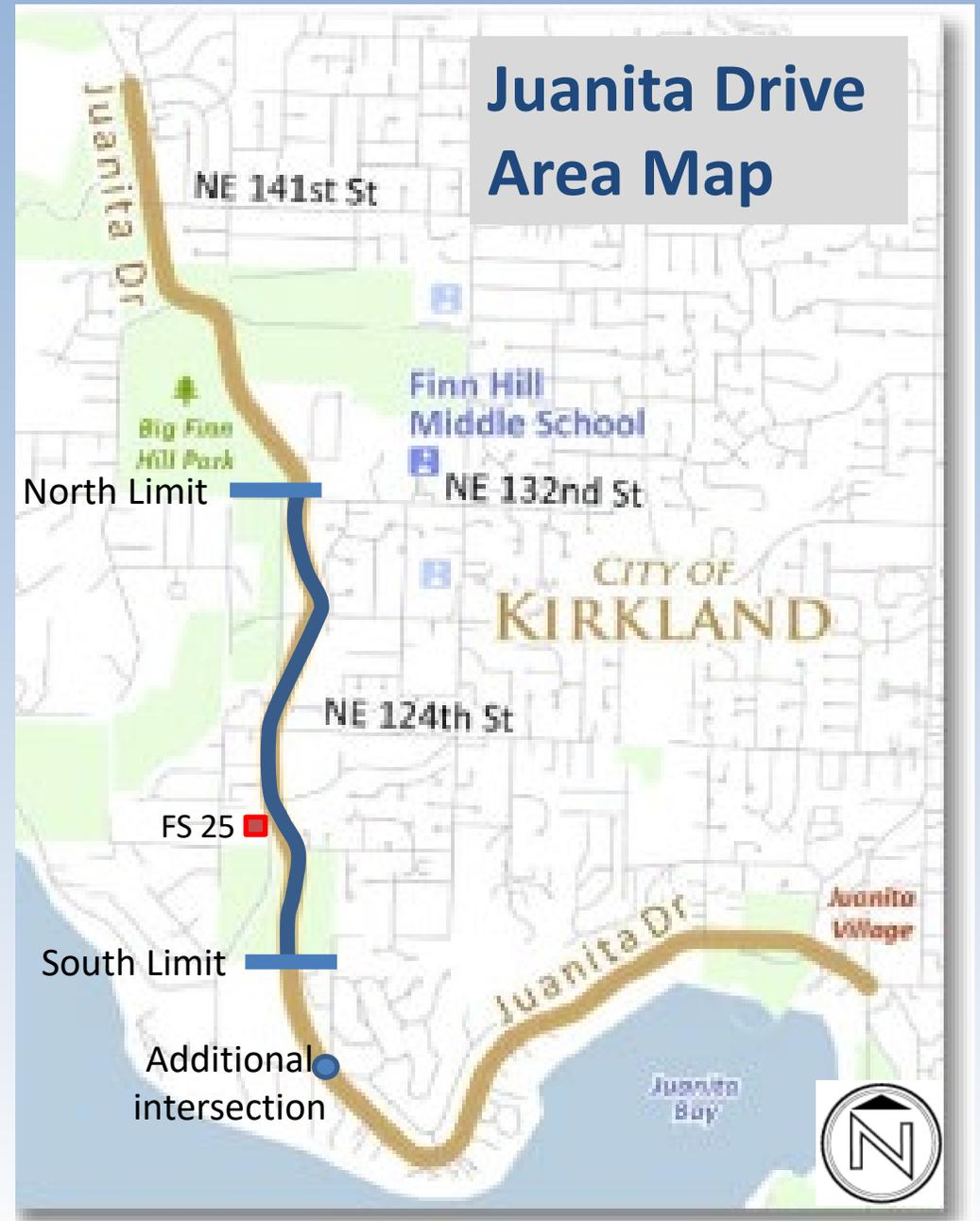
Laura Drake, P.E.
Project Engineer
Public Works – Capital Improvements Program
City Council Study Session October 6, 2020

Presentation Overview

- Project Background
- Design Update and Opportunities
- Funding and Timeline Update
- Next Steps

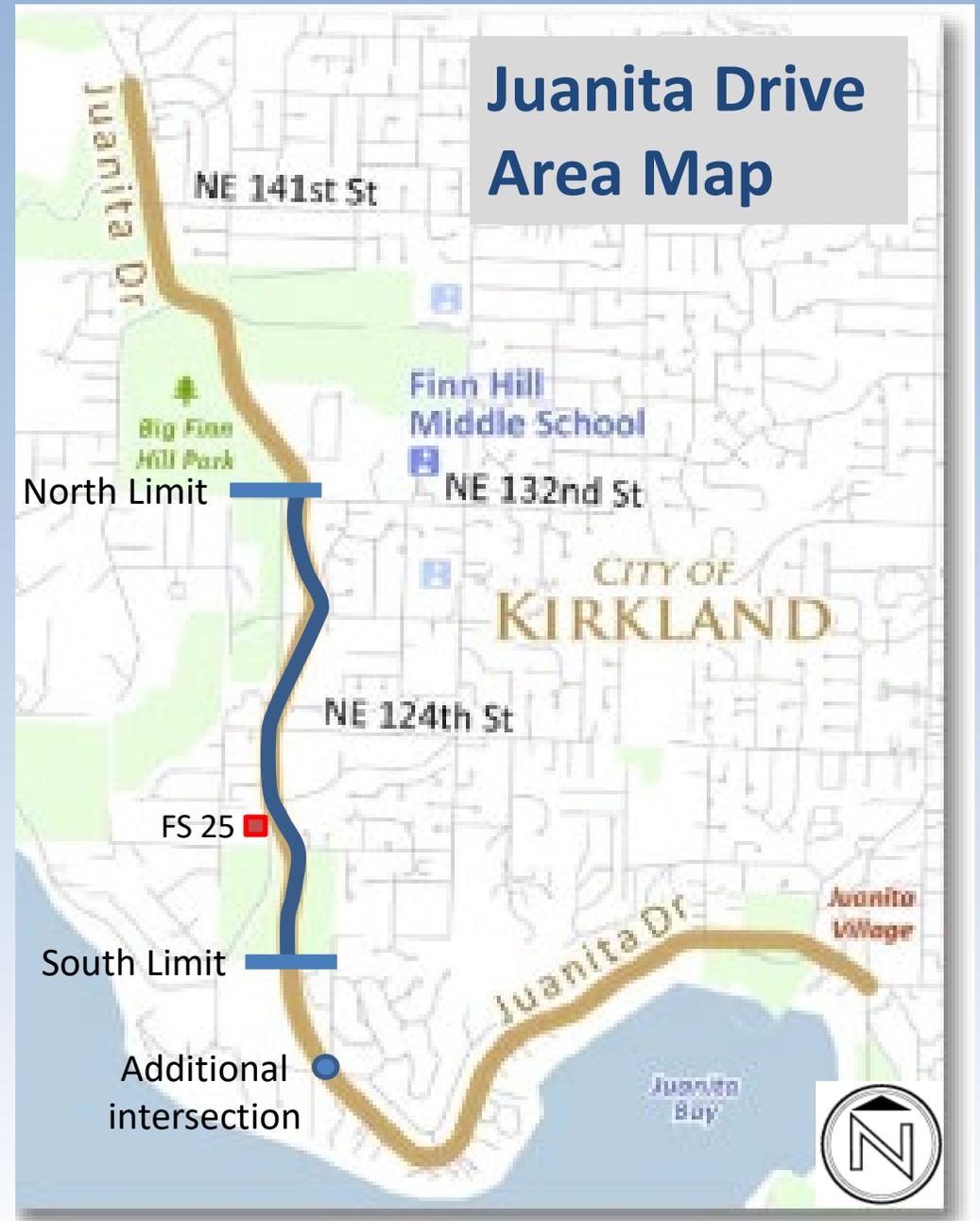
Project Background

- The Juanita Corridor Study was adopted in 2014
 - Addresses service needs in the annexation area
 - coordination with agency partners such as Kenmore extensive investments their segment of the Juanita Dr. Corridor
 - The project recommendations focused on:
 - Safety improvements for all modes
 - Ped/bike facility needs
 - Drainage deficiencies
- Study identified 33 project sites at a total cost of \$19.3M [2014 dollars]



Project Background

- 3 CIP projects were created to complete 19 sites:
 - Quick Wins accepted by Council June 2019
 - 11 project sites
 - \$1.96M, including \$1.35M federal safety grant
 - ➔ – Intersections & Safety (STC 089) and Multimodal (NMC 09010) [\[this update\]](#)
 - 7 project sites (between NE 112th Street and NE 132nd Streets)



Design Update

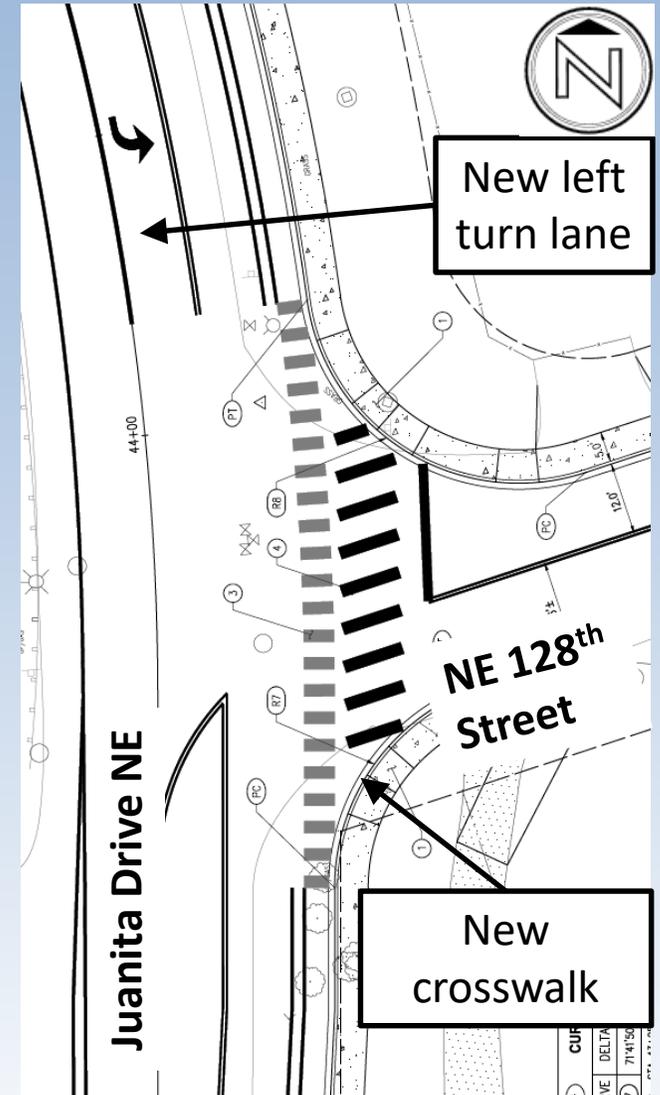
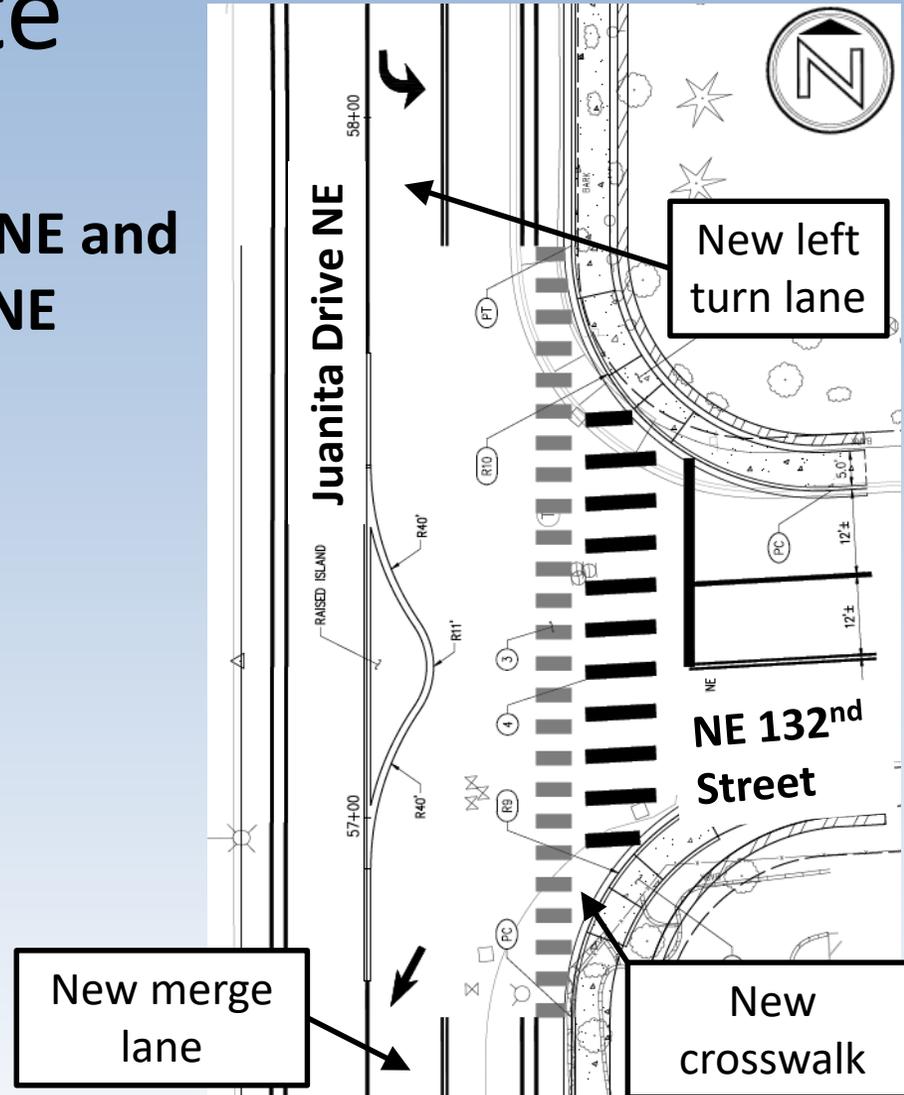
ID	Location	Description	CIP #
I6	NE 132nd St Intersection to NE 133rd Place	Left turn pocket/ pedestrian crossing/ walkway	STC 08900
I5	NE 128 th St Intersection	Left turn pocket/ pedestrian crossing	STC 08900
R6	NE 124th St to NE 132nd St	Cross-section	STC 08900
NM4	NE 124th St Intersection	Pedestrian Crossing/ walkway to NE 123rd St	NMC 09010
R5	NE 120th St to NE 122nd Lane	Extend 3rd lane/ walkway on east side	STC0 8900
R4	79th Way NE to NE 120th St	Cross-section	NMC 12700
I3	112th Ave NE Intersection	Rechannelize Intersection/ Pedestrian Crossing	STC 08900
NM5	NE 132nd St- Juanita Drive to 72nd Ave NE	Pedestrian/Bicycle Corridor treatment	NMC 09010



Design Update

NE 132nd St & Juanita Dr NE and NE 128th St & Juanita Dr NE Intersections

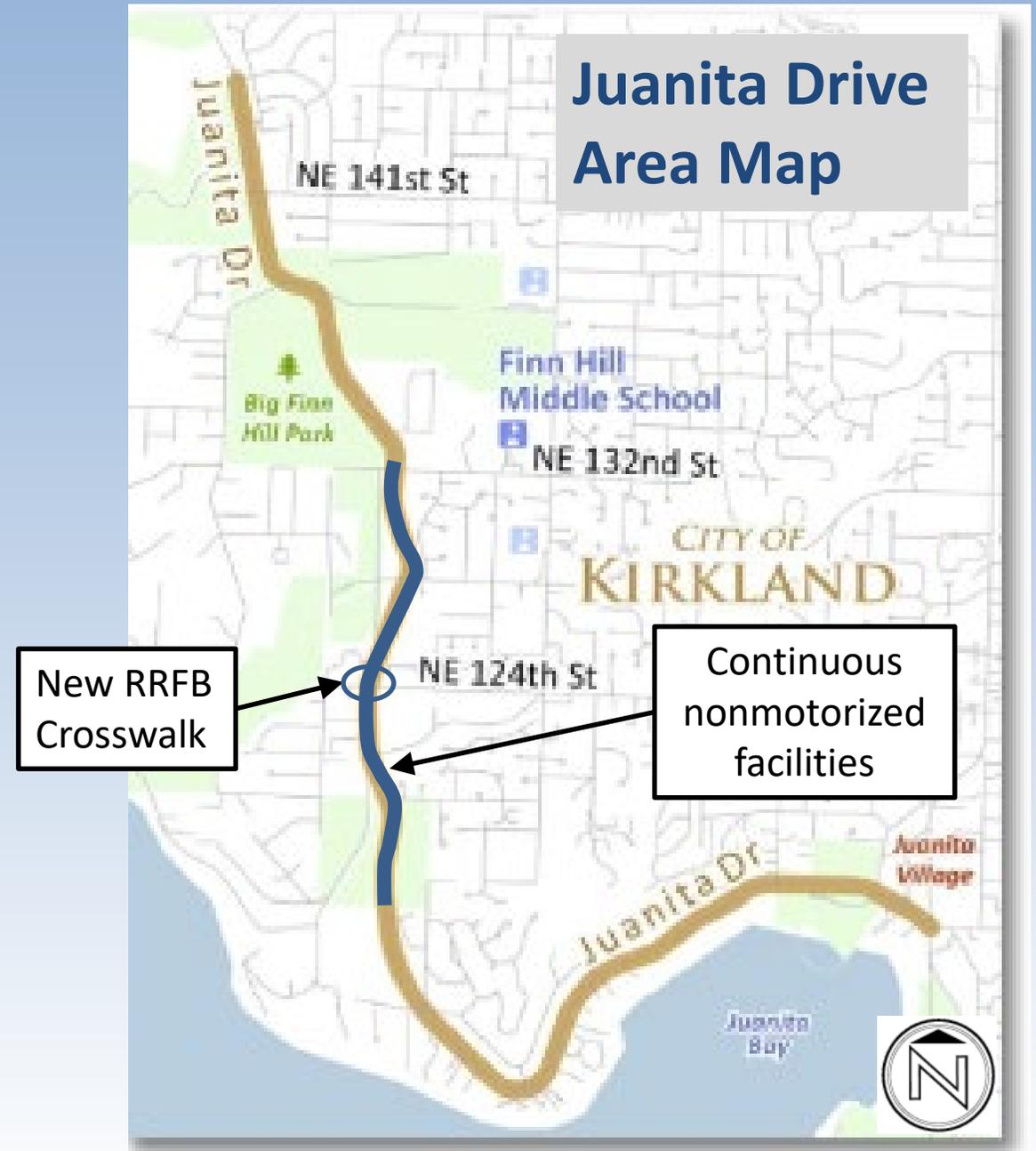
- Improved Access
- Improved Safety



Design Update

NE 132nd Street to 79th Way NE

- Nonmotorized connectivity
 - Continuous sidewalk and buffered bicycle lane on east side of Juanita Drive NE
- Improved Safety
 - RRFB crosswalk at NE 124th Street across Juanita Drive NE



Design Opportunity

NE 120th Street to 79th Way NE

- Received \$650,000 Grant
- Add sidewalk and bicycle lane on the east side of Juanita Drive
- Proposed CIP Update moves from unfunded to funded



Design Update

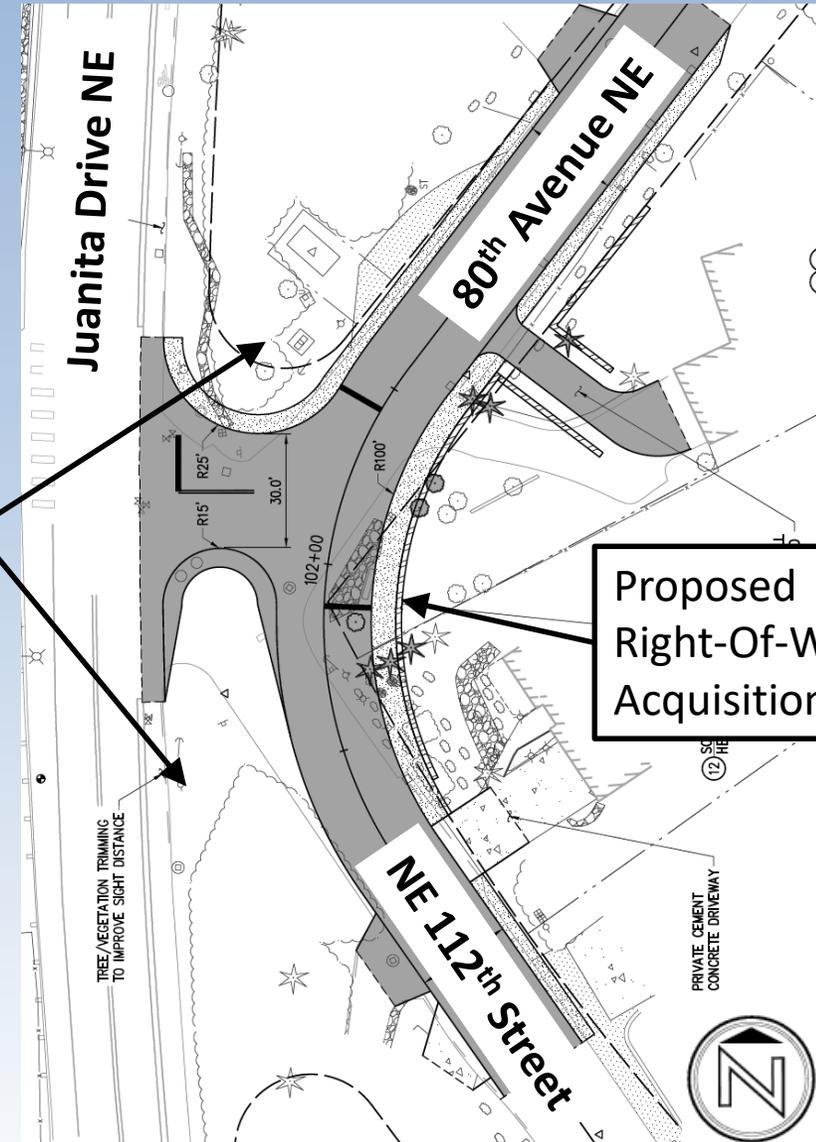
NE 112th St & 80th Ave NE Juanita Dr NE Intersection

- Improved Access
- Improved Safety



Vegetation
Removal for Sight
Distance

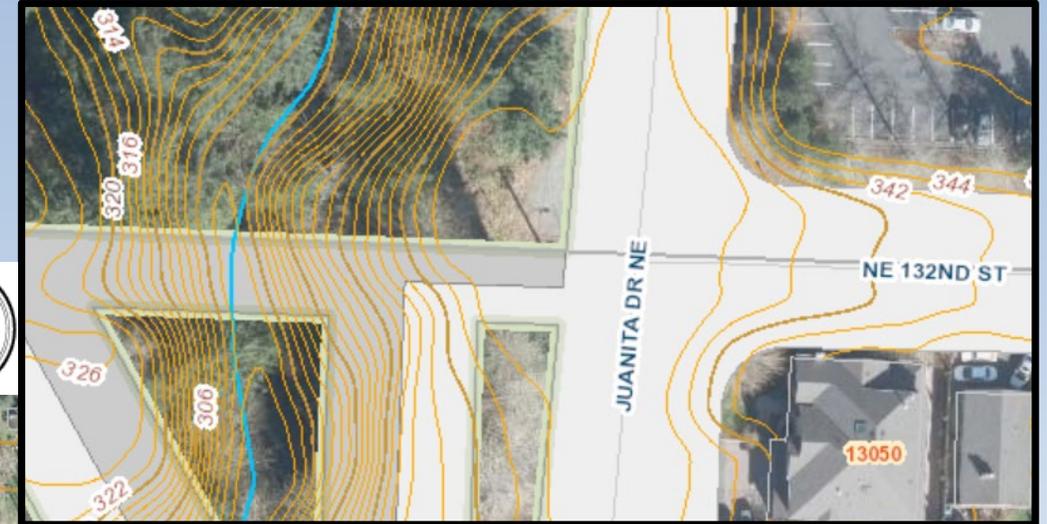
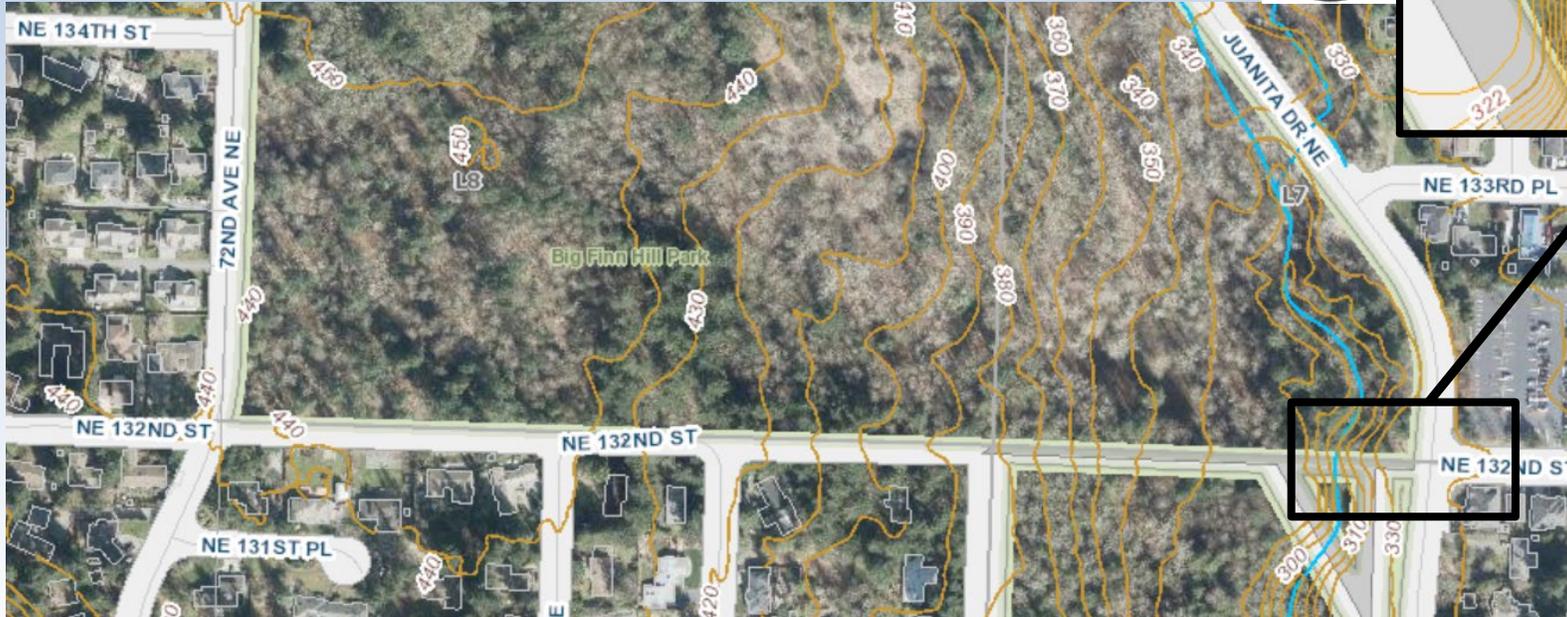
Proposed
Right-Of-Way
Acquisition



Design Update

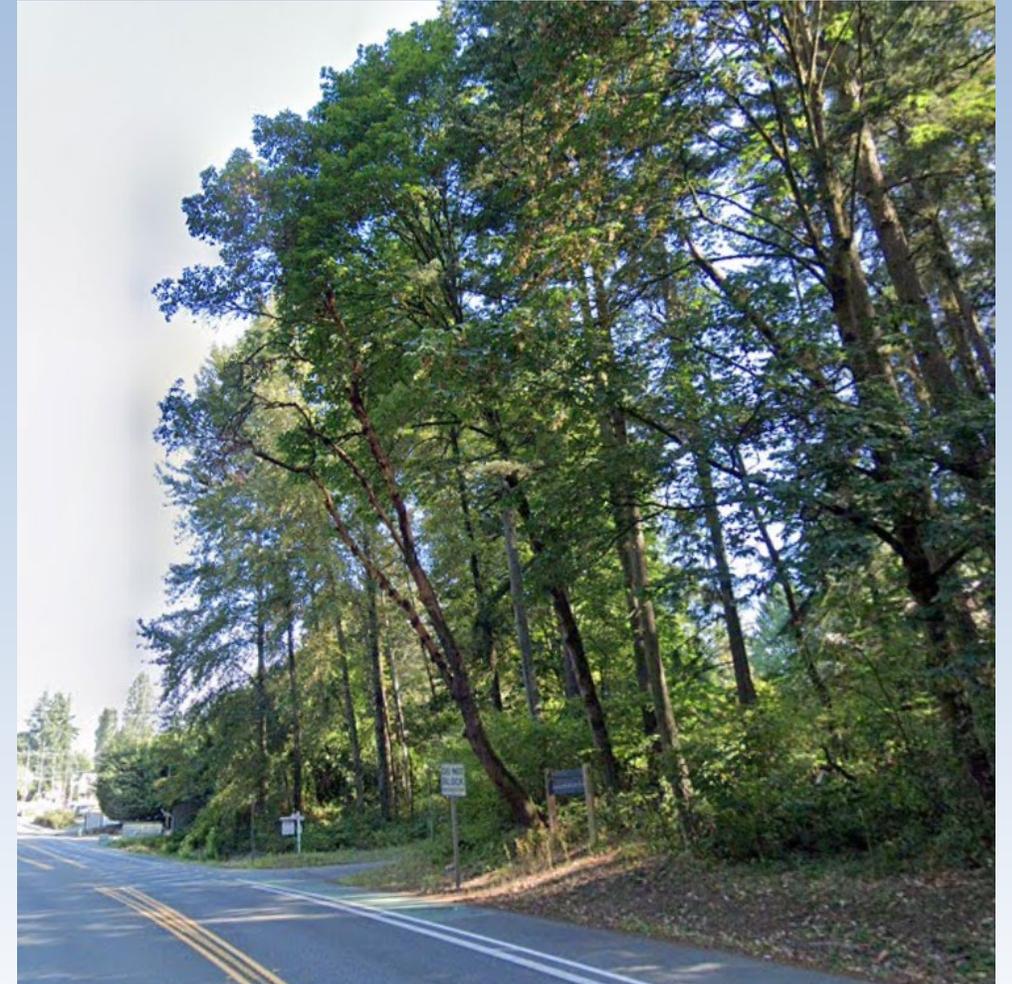
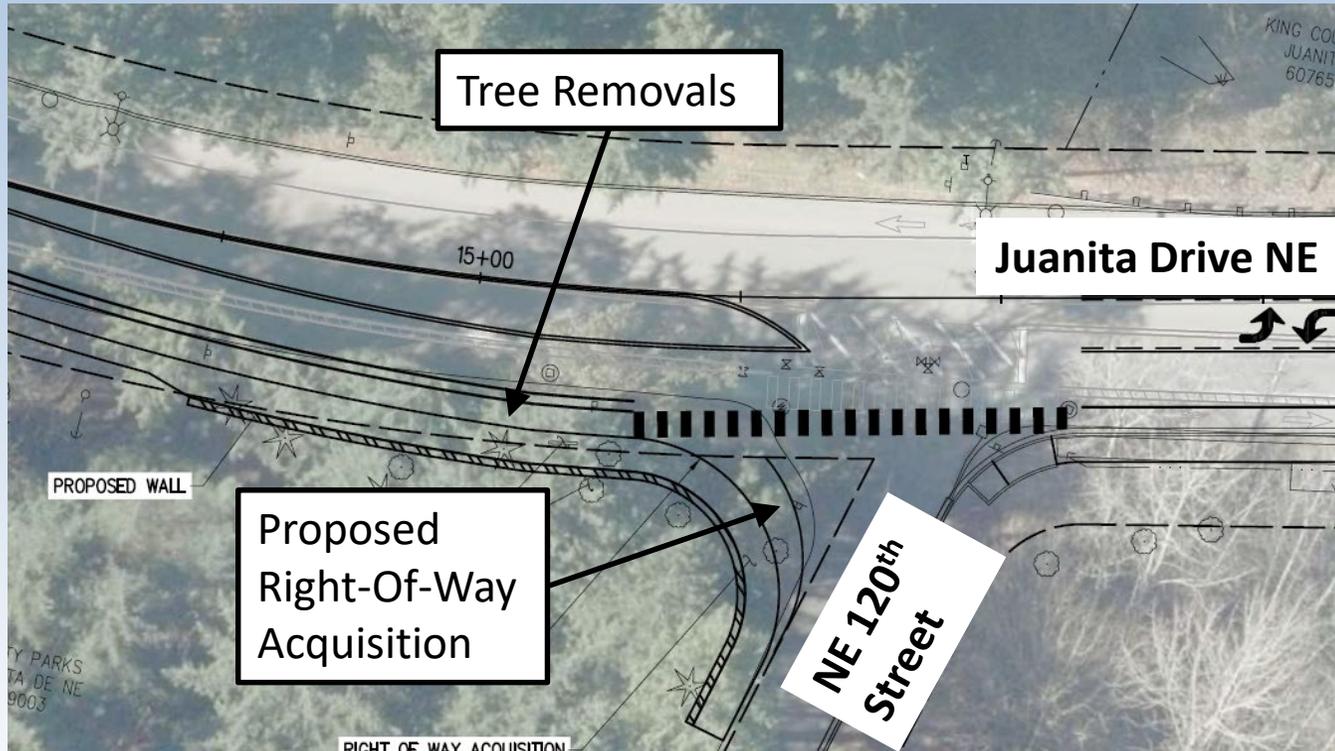
NE 132nd Street – 72nd Ave NE to Juanita Dr NE

- Nonmotorized Connectivity
- Preliminary Engineering Only, Evaluating 3 Options



Design Considerations

Tree Removal and Right-Of-Way Acquisition

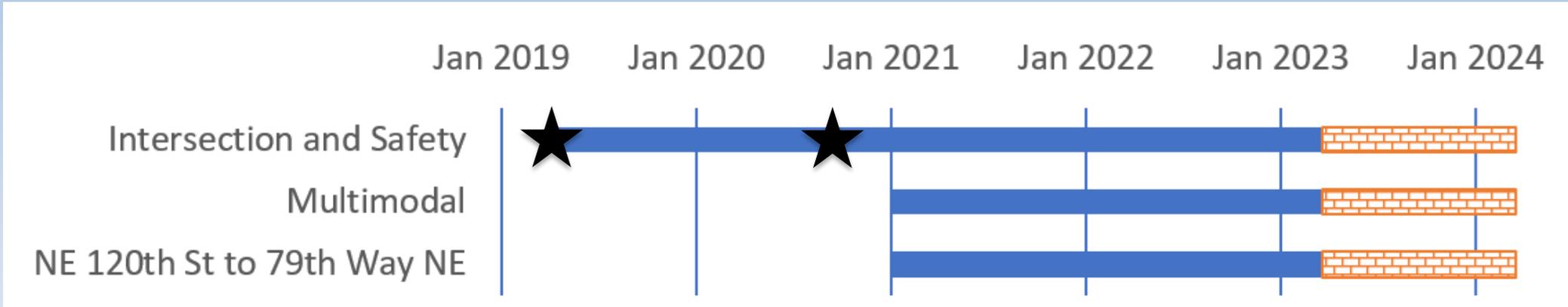


Funding and Expected Expenses

	Project Total
Grant Funds	\$ 1,400,000
Local Funds	\$ 1,836,000
Debt Funds	\$ 4,755,200
Total Funds	\$ 7,991,200
<i>Proposed CIP Update</i>	<i>\$ 1,957,000</i>
<i>Proposed Total Funds</i>	<i>\$ 9,948,200</i>

	Project Total
Soft Costs	\$ 3,982,200
Construction Costs	\$ 5,955,000
Total Expected Expenses	\$ 9,937,200

Schedule



- ★ City Council Meeting
- Design
- Construction

Next Steps

- Progress Design to 60%, 90%, and Bid Ready
- Return to Council for Award of Contract
- Continuous Outreach Efforts

Questions?

