

SW Corridor Light Rail:

Crossroads Route Evaluation

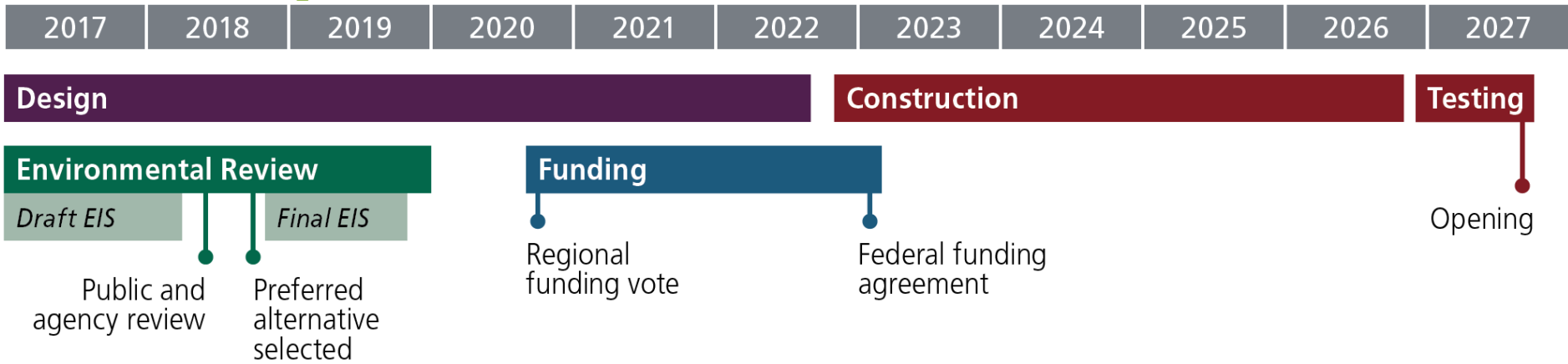
**Crossroads Community Meeting #3
January 31, 2019**

Agenda

- 6:00** Welcome
- 6:05** Presentation
 - What we've heard
 - New info and drawings
- 6:45** Circulate, talk to staff, write your comments: what's important for ongoing design?
- 7:30** Turn in comments before you leave

Project timeline

We are here



Decision Process

Steering Committee recommendation
 more analysis of:

- Alternative B2
- Refinement 2

Portland City Council work session Feb 12*

Your feedback on ongoing design details

Your feedback

Your feedback today

Your feedback

Steering Committee decision March 11



Analysis and new options:

- Alternative B2
- Refinement 2
- Smith
- Smith Modified
- Collins

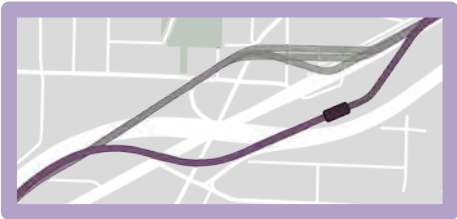
More analysis and modified options:

- Alt. B2 (2)
- Collins (3)

Further modification and narrowing

**Date subject to change*

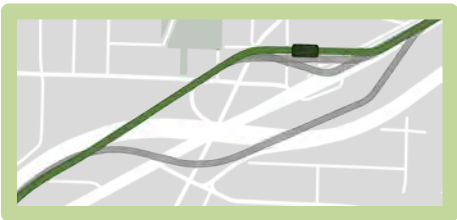
December options discussed



Alternative B2

B2 – station near pedestrian bridge

B2 – station near Barbur



Collins

Collins – station on Collins

Collins – station on Collins w/buses

Collins – station on Barbur

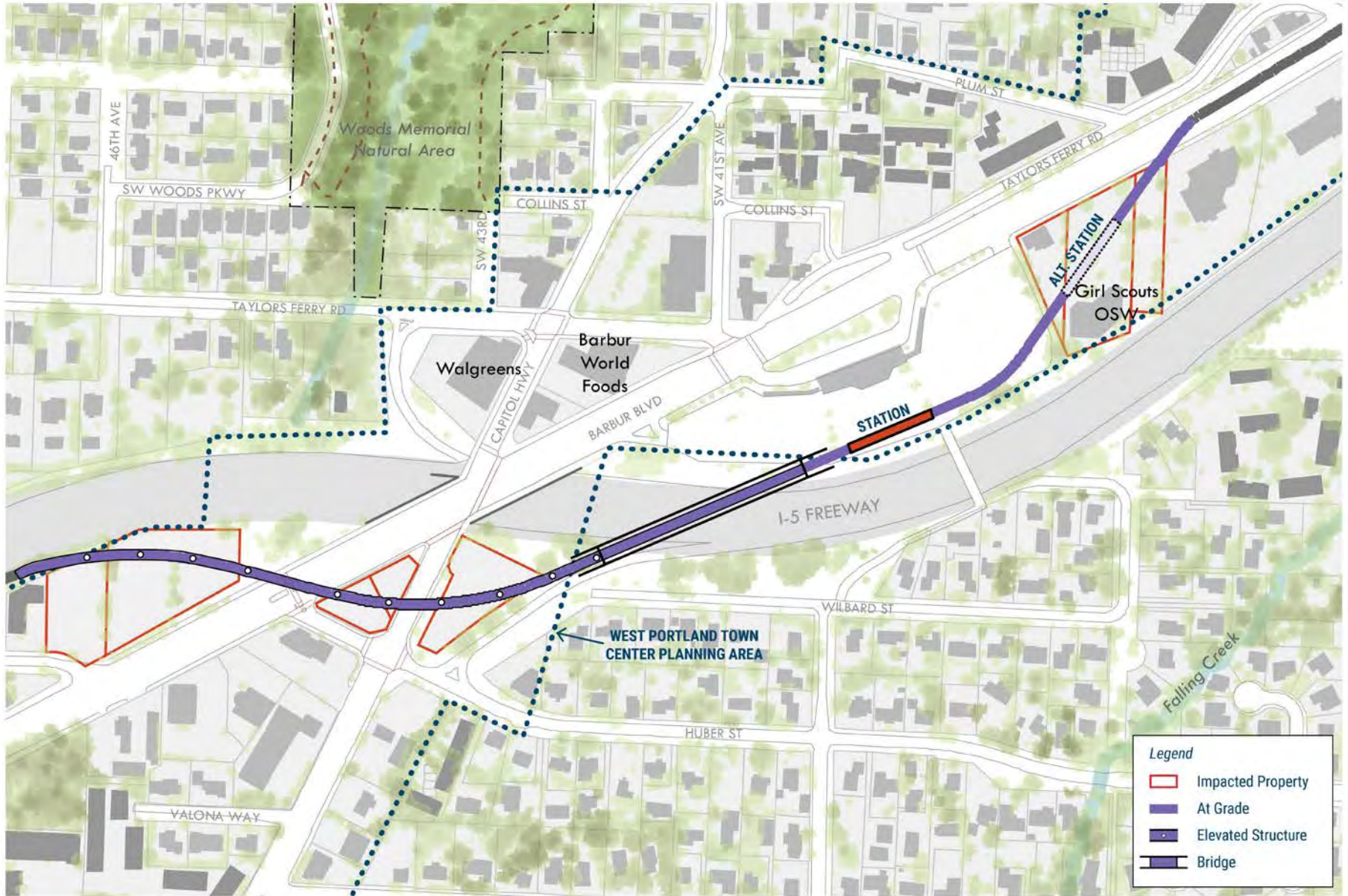
What we heard

- **Support for B2**
- **Concerns about Collins**
 - Impacts to **Woods Creek, park, businesses and homes**
 - Comments generated by sign in park
- Concern about **traffic congestion**
- Desire for safe, comfortable **walking and biking** (to transit and within neighborhood)
- Desire for **easy access between MAX, bus, Park & Ride**

New information

- No significant cost difference between Collins and B2
 - Support column for lower cost I-5 bridge would trigger additional impacts
- Complexity of utility conflicts via Collins
- Visual renderings

B2

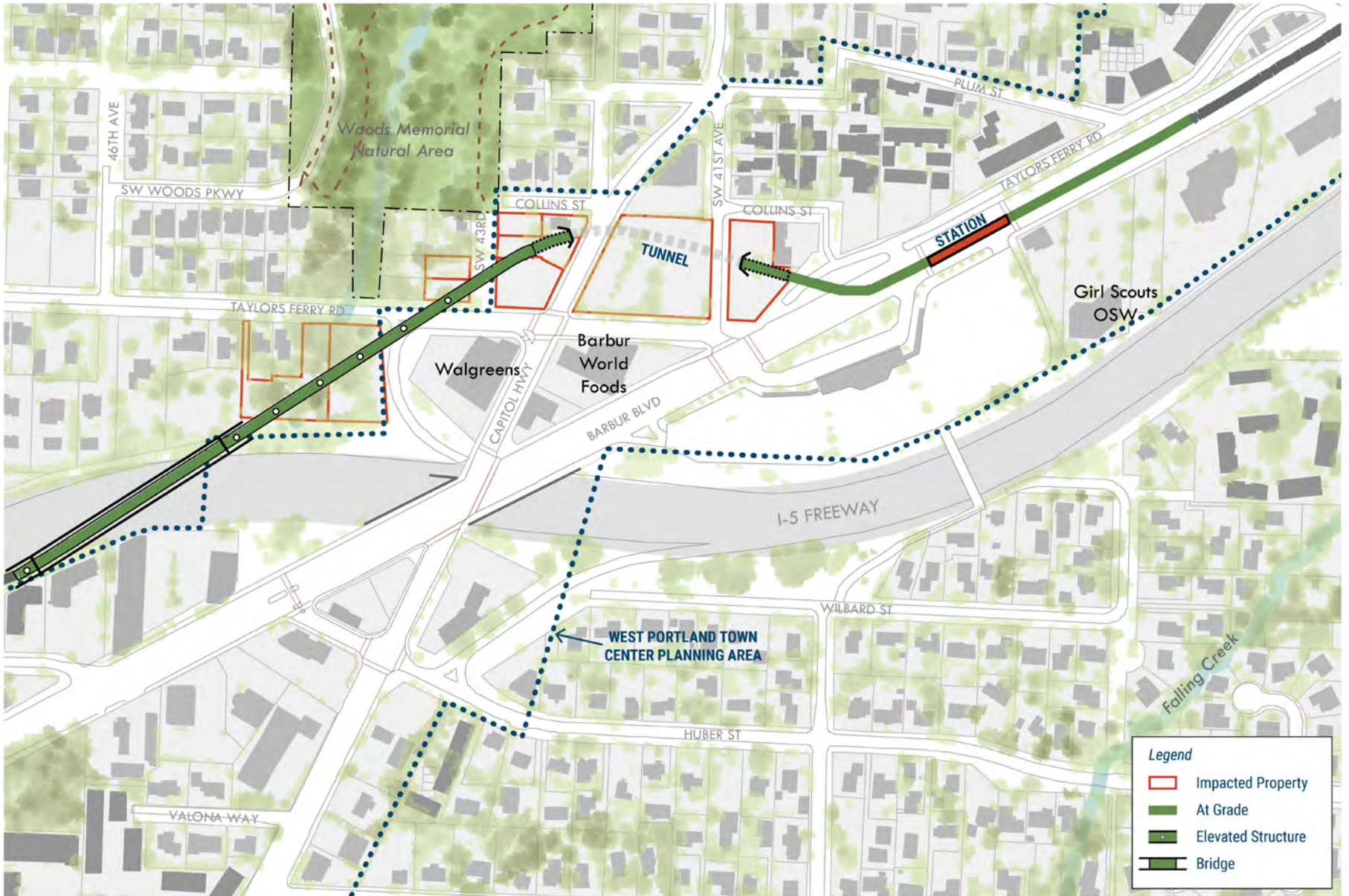


Crossroads Area - B2 Alignment Option

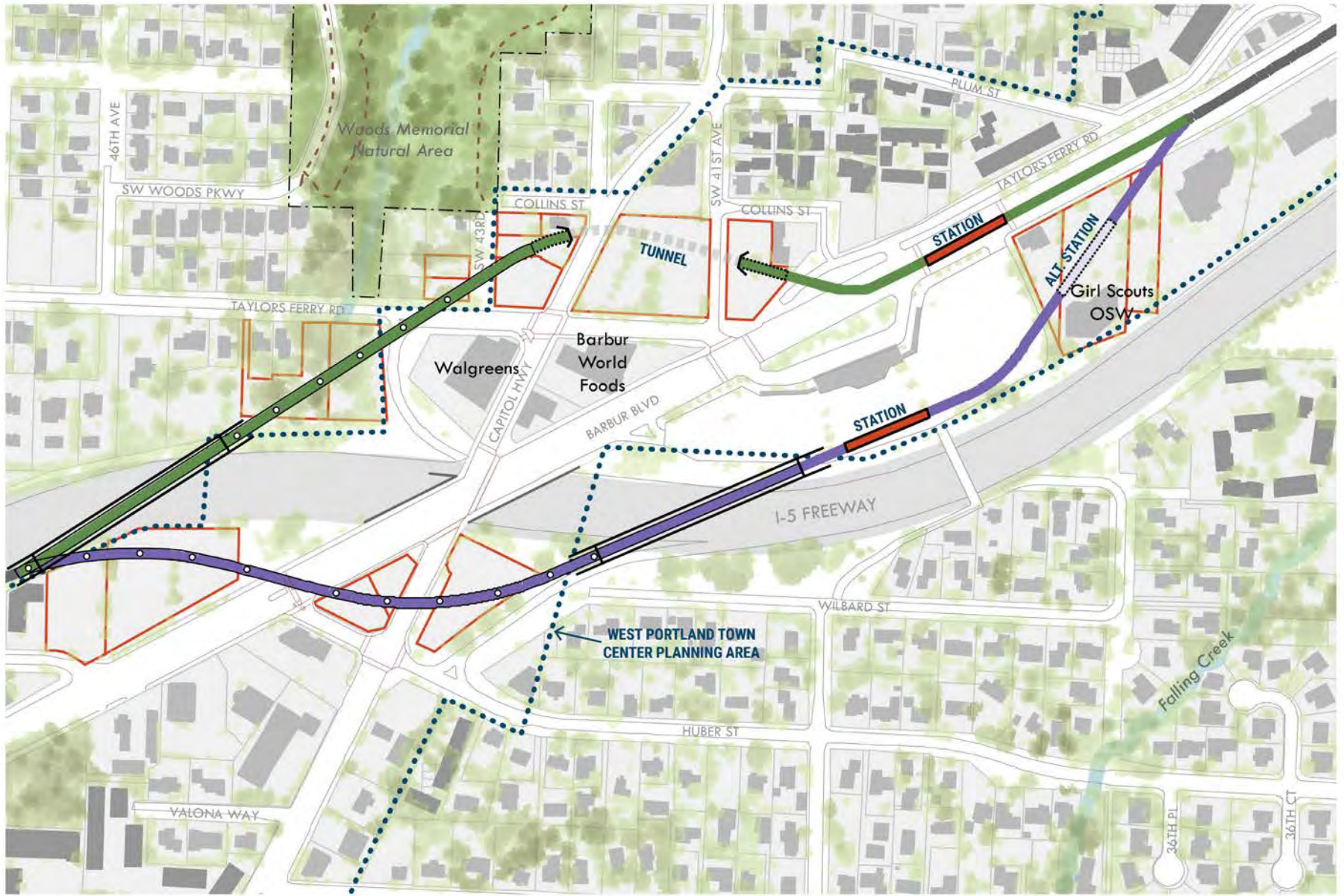
1 inch = 300 feet



Collins



B2 / Collins Comparison



Crossroads Area - Alignment Options Composite

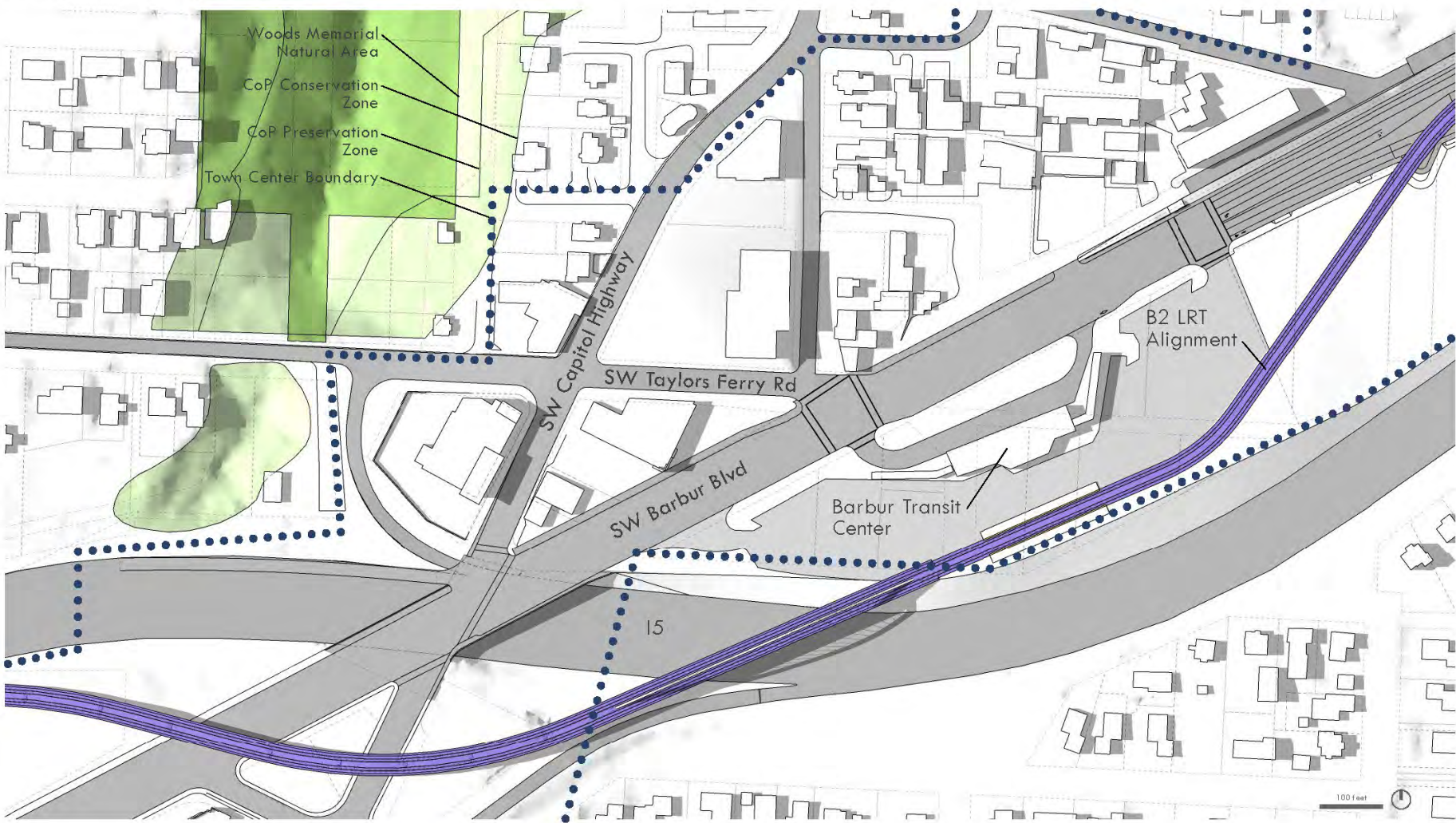
1 inch = 300 feet



B2

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

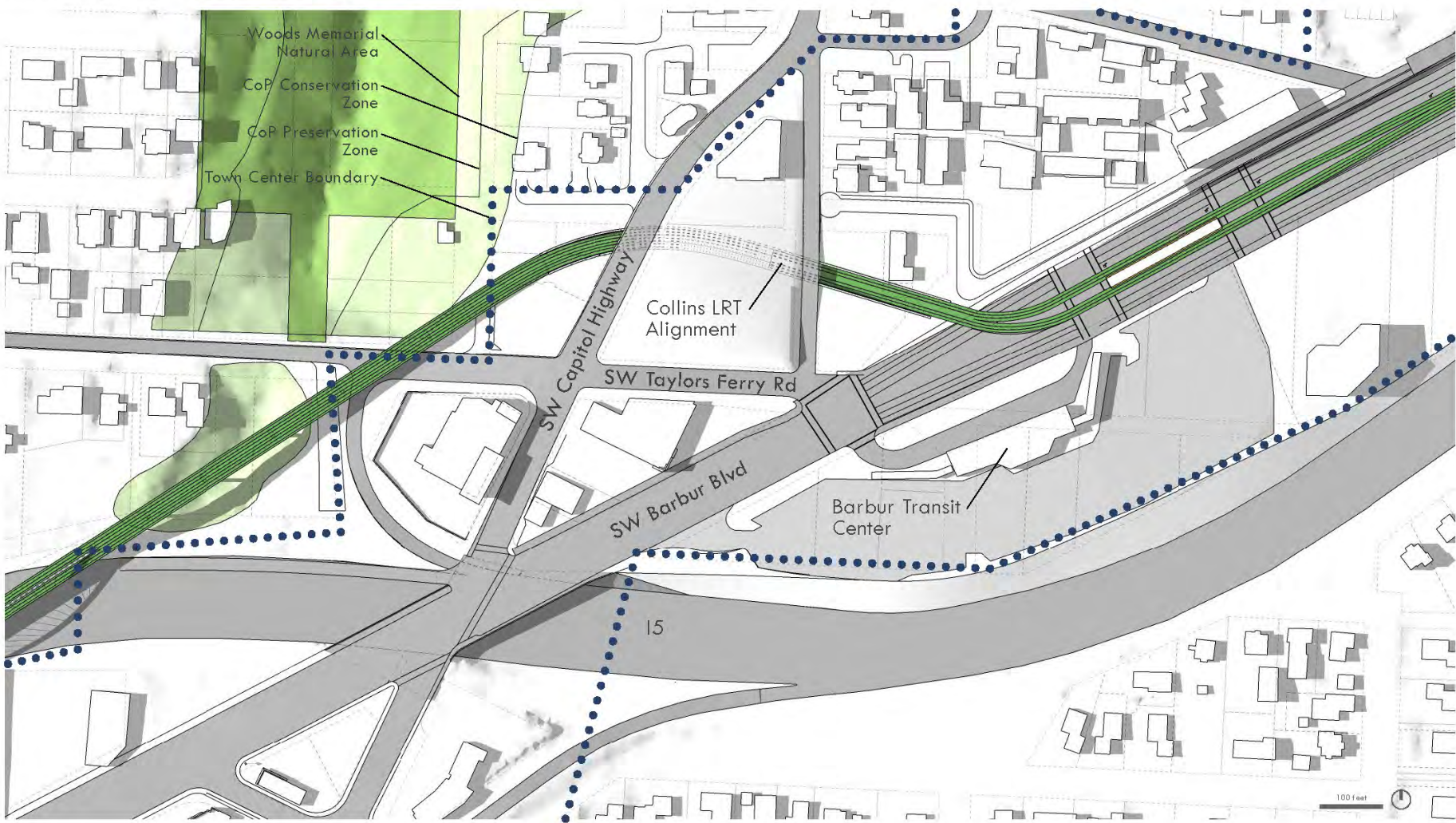
B2 Alignment - Plan (not to scale)



Collins

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

Collins Alignment - Plan (not to scale)



B2 – potential development scenarios



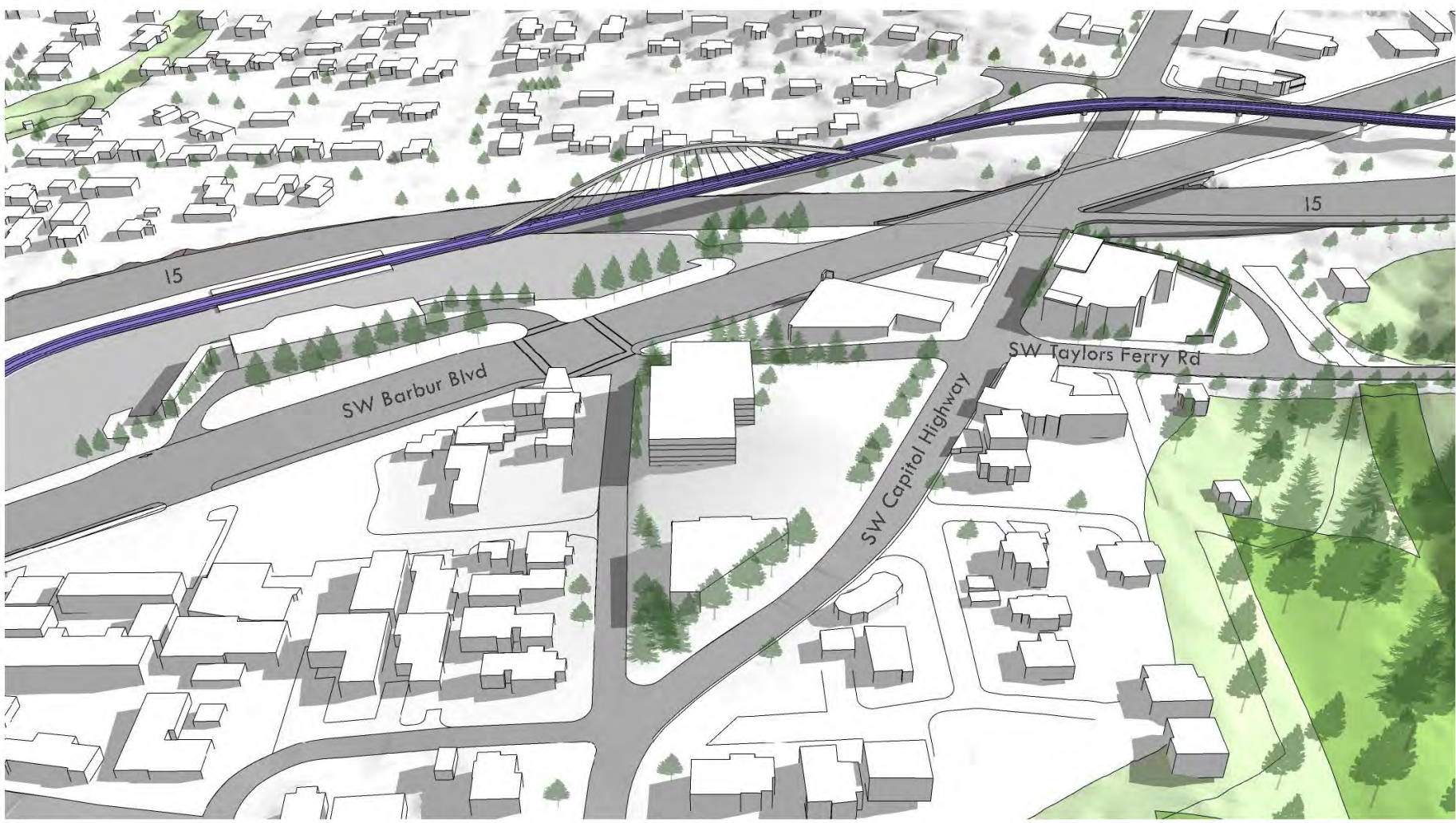
Collins – potential development scenarios



B2

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

B2 Alignment - View to S



Collins

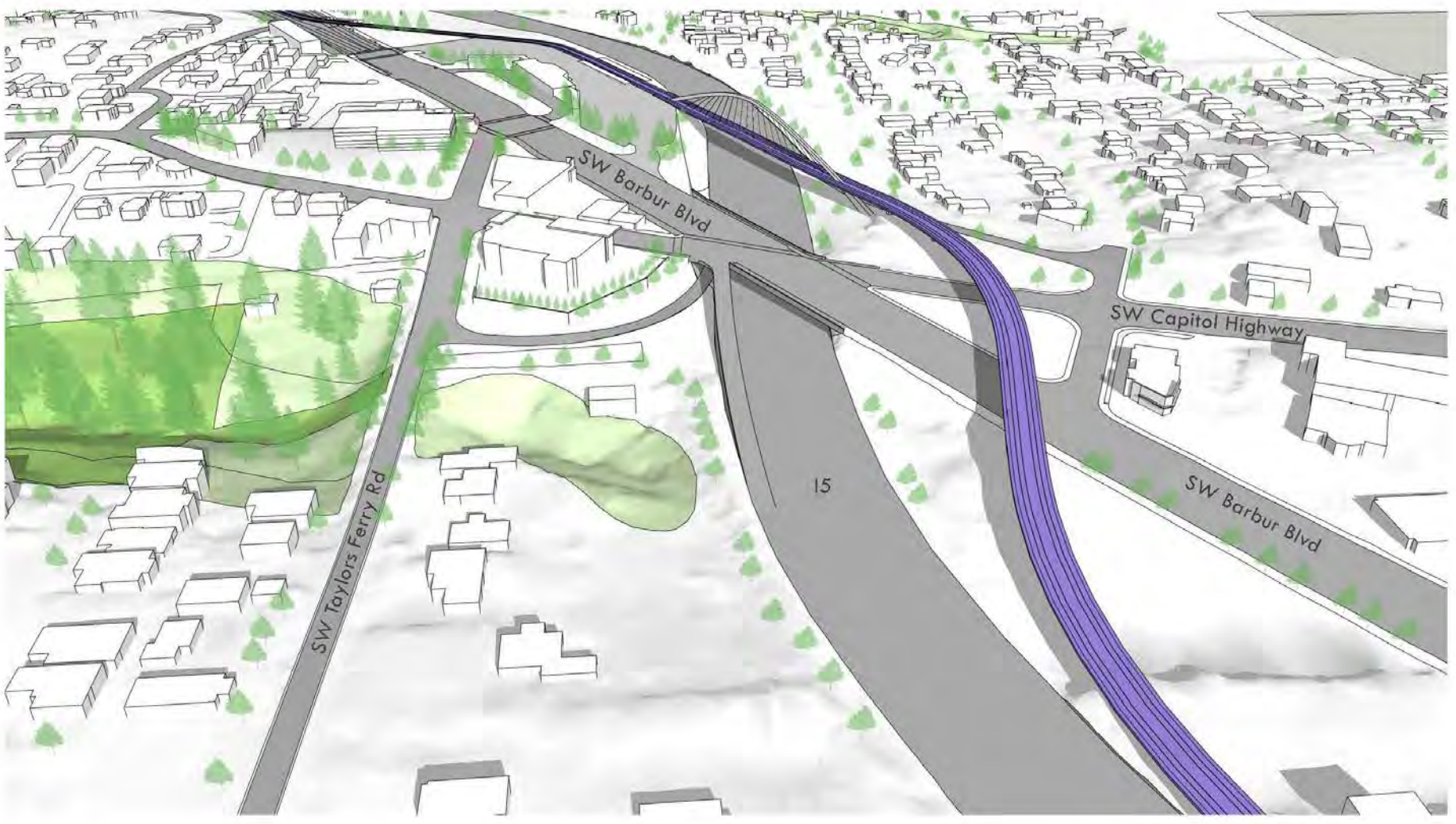
DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

Collins Alignment - View to S



DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

B2 Alignment - View to E



Collins

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

Collins Alignment - View to E



B2

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

B2 Alignment - View to E from Taylors Ferry Rd



Collins

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

Collins Alignment - View to E from Taylors Ferry Rd



B2

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

B2 Alignment - View to E from SW Capitol Highway Viaduct



Collins

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

Collins Alignment - View to E from SW Capitol Highway Viaduct



B2

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

B2 Alignment - View to N from SW Capitol Highway towards I5/ Viaduct



Collins

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

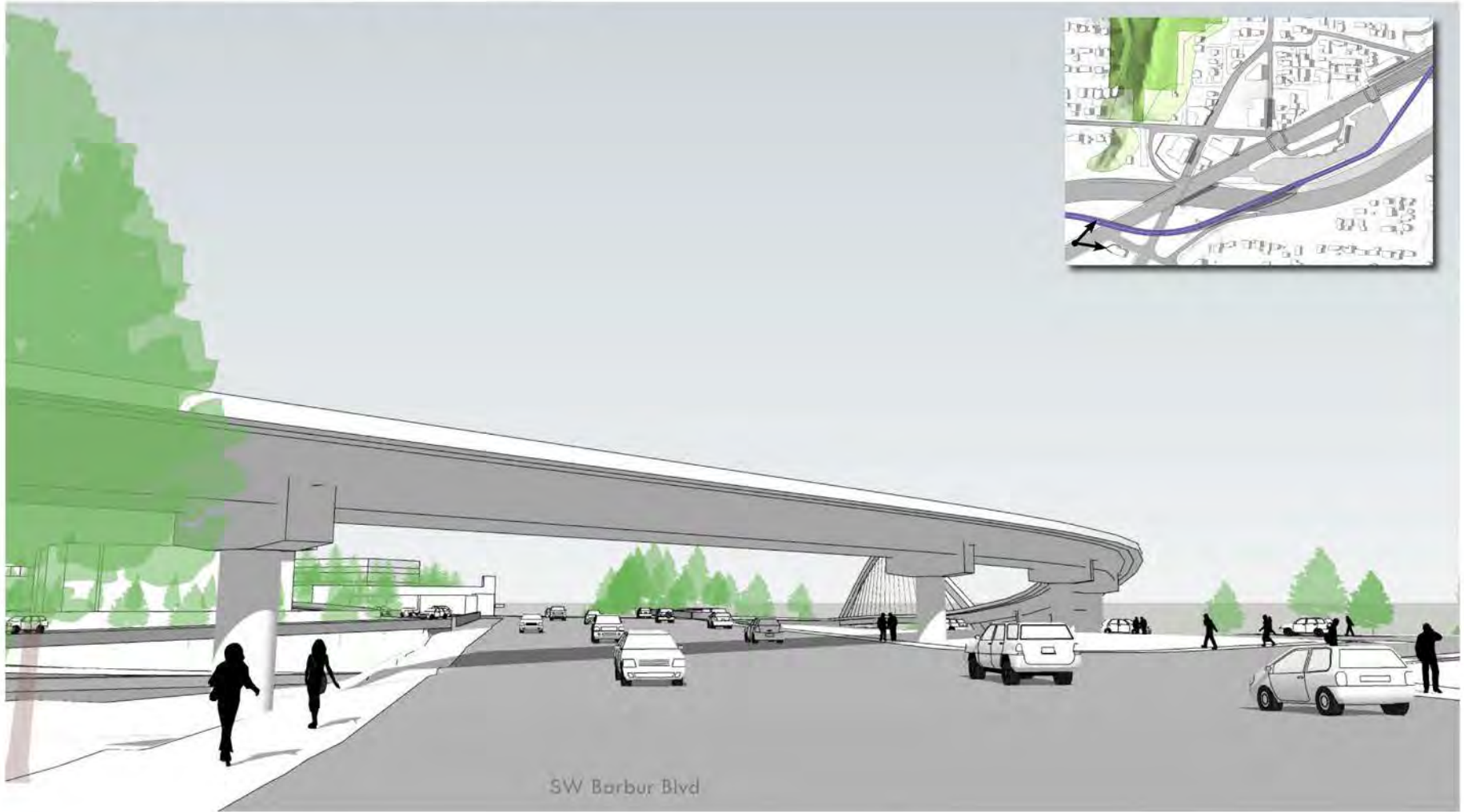
Collins Alignment - View to N from SW Capitol Highway towards I5/ Viaduct



B2

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

B2 Alignment - View to NE from Barbur Blvd towards I5/ Viaduct



Collins

DRAFT 3D VIEWS - SEGMENT B - CROSSROADS

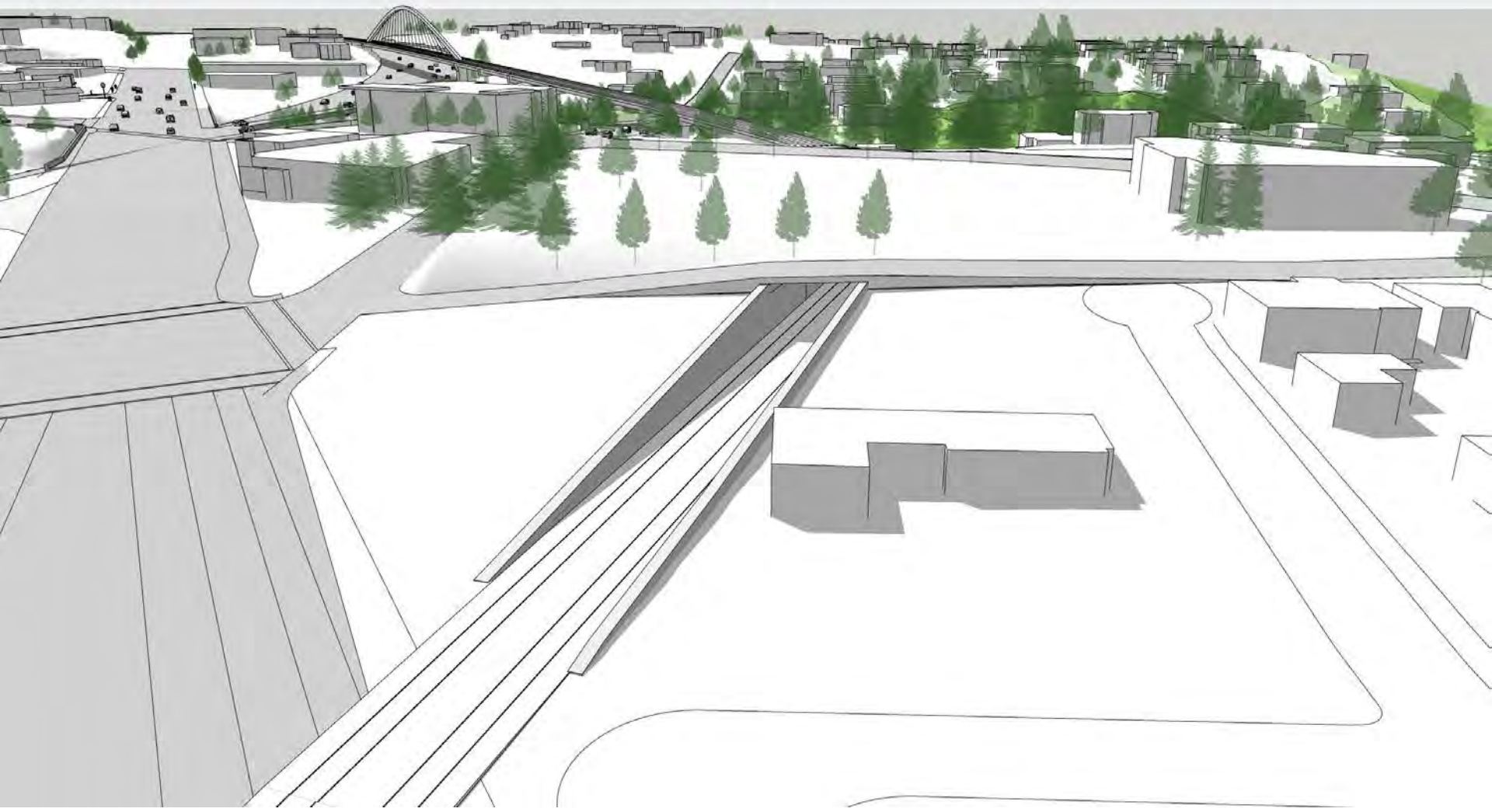
Collins Alignment - View to NE from Barbur Blvd towards I5/ Viaduct



Examples



Examples



Examples



Draft Comparison of Crossroads Route Options – January 31, 2019

		B2		Collins		
		Alternative B2 – ped bridge station	Alternative B2 – Barbur station*	Collins – Collins station	Collins – Collins station w/bus*	Collins – Barbur station*
Displacements	Residential	None		5 residential units, including 2 single-family and 1 triplex		
	Businesses ¹	25 businesses		14 businesses	26 businesses	29 businesses
	Employees ¹	197 employees		78 employees	151 employees	220 employees
	City property impacts	No impact		More impact to City property; potentially complex utility relocations		
Natural environment	Woods Memorial Nature Park and SW Trails 7	No impact		Could increase noise and visual impact to Woods Memorial Nature Park Realigns access to SW Trail #7		
	E-Zone impact ²	No		Minor impact adjacent to creek riparian and wetland areas; mitigation required		
Station visibility and access	Station platform	Behind Park & Ride	Visible, easy access from Barbur	Visible, easy access from Barbur	Visible, easy access from Barbur	In Barbur; consistent with other Barbur stations
	Bus access to station	Direct at Barbur TC		Across four lanes of Barbur	Direct at new Collins stops	Across two lanes of Barbur
	Park & Ride access to station	Direct at Barbur TC		Across four lanes of Barbur		Across two lanes of Barbur
Walking ³	Crossings of Barbur	Improvements at two existing crossings	Improvements at two existing crossings	Improvements at two existing crossings, plus one new crossing	Improvements at two existing crossings, plus one new crossing	Improvements at two existing crossings, plus one new crossing
	Half-mile station walkshed	Farther south	Farther east (similar to Collins – Barbur station)	Farther north		Farther east (similar to B2 – Barbur - station)
Land use	Future development potential	Less opportunity		More opportunity		
Auto traffic	Track crossings	One gated track crossing of northbound Barbur lanes		One gated track crossing of southbound Barbur lanes		
	Auto circulation changes	No street changes		Collins becomes cul-de-sac at 41st Ave and connects to Taylors Ferry Frontage Rd.	Collins connects to Taylors Ferry Frontage Rd and 41st Ave. 41st Ave closes between Collins and Barbur	Collins becomes cul-de-sac at 41st Ave and connects to Tayors Ferry Frontage Rd.
Travel time	Light rail travel time	(Baseline)		~20 seconds faster		
Capital cost	<i>Includes inflation & finance costs</i>	Similar to Collins		Similar to B2		

* New variations

¹ Business and employee counts are estimated from Bureau of Labor Statistics data with field verification. None of the 12/6/18 options would displace Barbur World Foods.

² E-Zones are the City of Portland’s Environmental Overlay Zones, which are established to protect natural resources, minimize risk of damage to homes from natural hazards, and mitigate the effects of climate change.

³ All options would add or replace sidewalks and bike facilities along streets that are rebuilt as part of the route. Biking connections to be evaluated.

Next Steps – Alignment

- **Community Advisory Committee (CAC)** first Thursdays beginning February 7
- **Steering Committee** second Mondays beginning February 11
- **City Council Work Session** February 12*
- Steering Committee decision on Crossroads route March 11

**Date subject to change*

Next Steps – Design

- Input on station locations, Park & Rides this spring
- Draft Conceptual Design Report fall 2019
- Ongoing community engagement in design

West Portland Town Center Project

Bureau of Planning and Sustainability

- Inclusive, people-centered work to **plan for:**
 - Healthy connected community
 - Housing choices and reduced displacement
 - Strengthened commercial district
 - Improved health and prosperity outcomes for low income residents
- 2019 through **summer 2020 (City Council action on plan)**
- Community Advisory Group and public engagement opportunities starting Spring 2019

What do you think?

Write on maps

Leave comments at door

Email: swcorridor@trimet.org