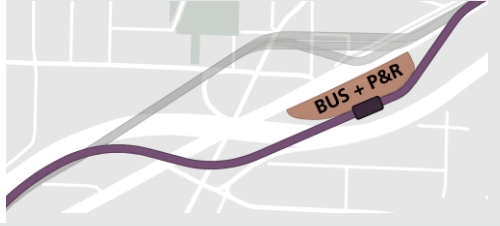

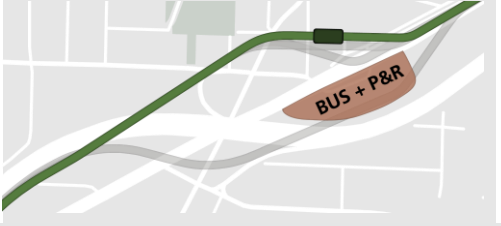
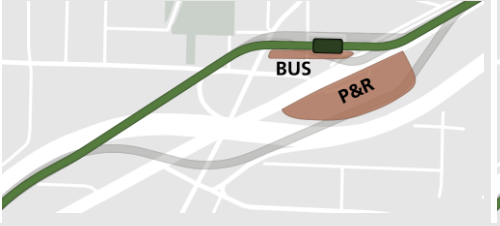
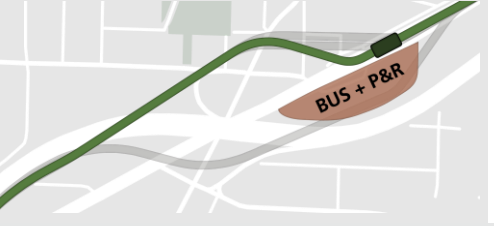


Draft Comparison of Crossroads Route Options – December 6, 2018

12/06/18

		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	25 businesses	28 businesses
	Employees ¹	197 employees		78 employees	251 employees	320 employees
	City property impacts	No impact		More impact to City property		Some impact to City property
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 Taylors Ferry Frontage Rd.
Travel time	Light rail travel time	(Baseline)		~20 seconds faster		
Capital cost	<i>Includes inflation & finance costs</i>	(Baseline)		~\$5-25million lower cost		

* 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.