

Draft Comparison of Crossroads Route Options -- October 29, 2018

10/29/18

		Alternative B2	Refinement 2	Smith	Smith Modified	Collins
Visual	Light rail structures <i>approximate total length and height at top of rail (images not to scale)</i>					
	Displacements					
Displacements	Residential	None	3 single-family residential units	None	None	5 residential units, including 2 single-family and 1 triplex
	Businesses¹	25 businesses	28 businesses, incl. Barbur World Foods	15 businesses	13 businesses, incl. Barbur World Foods	14 businesses
	Employees¹	197 employees	323 employees	63 employees	110 employees	64 employees
Park and natural environment	Woods Memorial Nature Park and SW Trails 7	No impact	Could increase noise and visual impact to Woods Memorial Nature Park. Would change SW Trails 7 access	No impact	No impact	Could increase noise and visual impact to Woods Memorial Nature Park. Would change SW Trails 7 access
	E-Zone impact²	No	Yes	Yes (minor)	Yes (minor)	Yes
Station visibility and access	Station	Poor station visibility from Barbur	Station integrated with Barbur	Station integrated with Barbur	Station integrated with Barbur	Station integrated with streetscape, adjacent to Barbur
	Bus access to station	Direct at Barbur TC	Across 2 northbound Barbur lanes	Across 2 northbound Barbur lanes	Across 2 northbound Barbur lanes	Direct at station (north of Barbur)
	Park and ride access to station	Direct at Barbur TC	Across 2 northbound Barbur lanes	Across 2 northbound Barbur lanes	Across 2 northbound Barbur lanes	Across Barbur
Walking and biking ³	Long crosswalks	No change to crosswalk length across Barbur at Capitol	No change to crosswalk length across Barbur at Capitol	Lengthens skewed crosswalks across Barbur at Capitol	Lengthens skewed crosswalks across Barbur at Capitol	No change to crosswalk length across Barbur at Capitol
Land use	Redevelopment	Least supportive of redevelopment	More opportunities for redevelopment	More opportunities for redevelopment	More opportunities for redevelopment	Most opportunities for redevelopment
Auto traffic	Safety and circulation	Least traffic impact. One gated track crossing of Barbur (northbound)	Significant traffic impact. Safety and circulation concerns with gated track crossings of Capitol (both directions, at Taylors Ferry) and Barbur (southbound)	Most traffic impact. Safety and circulation concerns with gated track crossings of Capitol (both directions, at Barbur) and Barbur (southbound)	Most traffic impact. Safety and circulation concerns with gated track crossings of Capitol and Barbur (both directions), 41st (southbound), Taylors Ferry (eastbound)	Least traffic impact. One gated track crossing of Barbur (southbound)

¹ Business and employee counts are estimated from Bureau of Labor Statistics data with field verification.

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. The acreage of impact includes a 50-foot construction buffer.

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