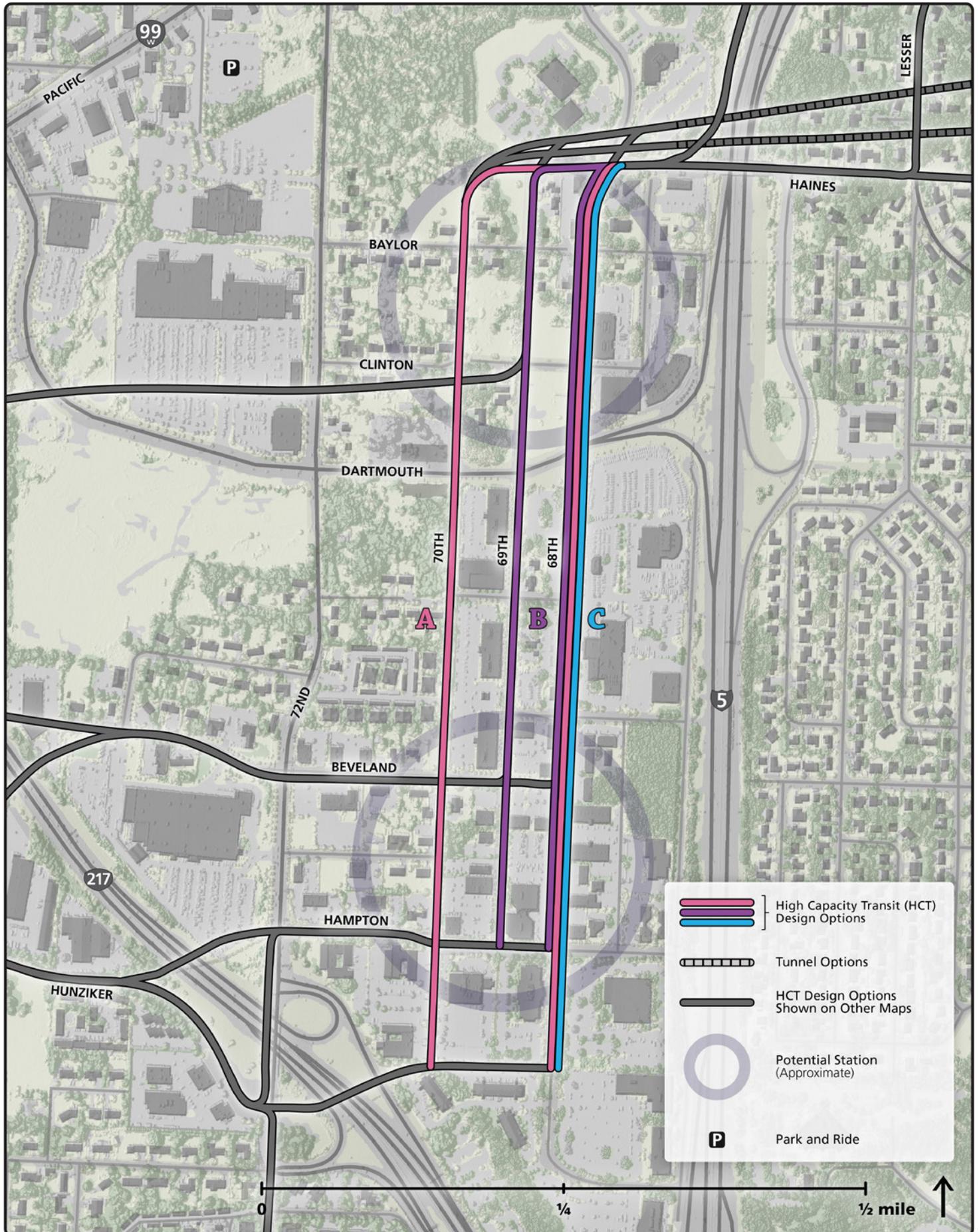


Tigard Triangle

NOTE: The corridor alignment options maps and associated opportunities and constraints are in draft form. As the Southwest Corridor Plan continues to study and refine these options, they are very likely to change.



Tigard Triangle

A. 68th/70th Avenue Couplet (BRT, LRT)

Opportunities:

- Less right-of-way needed with one direction of HCT and one direction of vehicle traffic compared to two-way HCT options
- Greater distance from I-5 could mean fewer potential traffic impacts compared to SW 68th/69th Avenue couplet
- Increases connectivity in Tigard Triangle with additional north/south street that is not currently developed
- Couplets tend to be efficient for traffic flow and transit operations

Constraints:

- Higher capital costs compared to two-way street options
- Current land uses on SW 70th Avenue are not supportive of a fronting couplet street given residential character and parking lots behind businesses on SW 68th Avenue
- Because SW 70th Avenue has a narrower existing right-of-way than SW 69th and 68th Avenues, more right-of-way is required than for the SW 68th/69th Avenue couplet option

B. 68th/69th Avenue Couplet (BRT, LRT)

Opportunities:

- Less right-of-way needed with one direction of HCT and one direction of vehicle traffic compared to two-way HCT options
- Less right-of-way needed for SW 68th and 69th Avenue couplet than for a couplet that utilizes SW 70th Avenue
- Couplets tend to be efficient for traffic flow and transit operations

Constraints:

- Higher capital costs compared to two-way street options
- Cross slope on SW 70th Avenue requires retaining walls on both sides

C. 68th Avenue Two-Way (BRT, LRT)

Opportunities:

- Lower capital costs compared to couplet options
- Focuses mobility on SW 68th Avenue, preserving SW 69th and 70th Avenues as primarily pedestrian and retail corridors

Constraints:

- More right-of-way required on SW 68th Avenue compared to couplet options, thus more property impacts
- Potential traffic impacts to I-5 interchange at SW Dartmouth Street and SW 68th Avenue