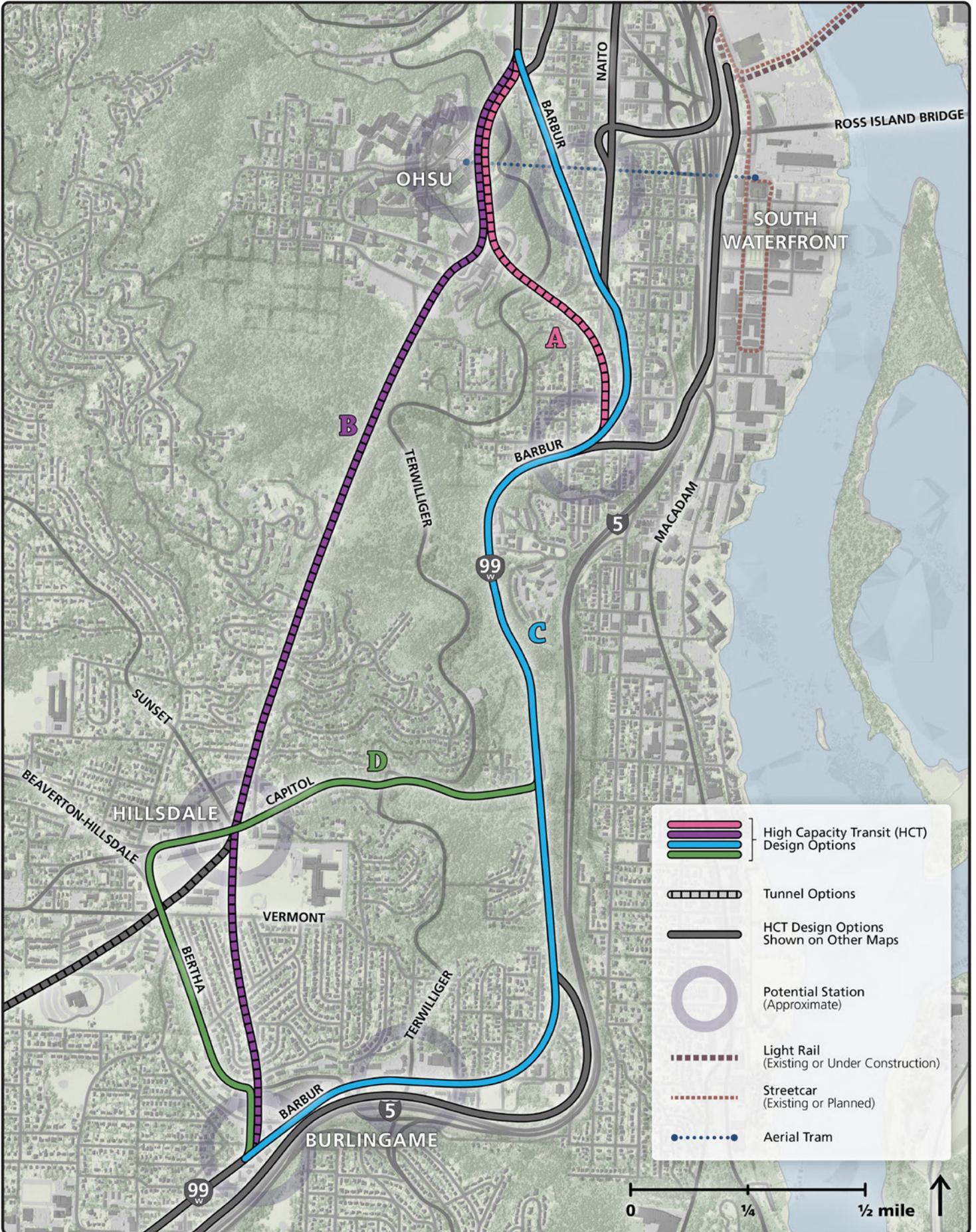


NOTE: The corridor alignment options maps and associated opportunities and constraints are in draft form. As the Southwest Corridor Plan continues to study and refine these options, they are very likely to change.

South Portland to Burlingame



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.

South Portland to Burlingame

A. Short Tunnel - Exit at Hamilton

Opportunities:

- Most direct connection to Marquam Hill/OHSU via elevator
- Shortest tunnel option – less expensive compared to longer tunnel options
- Would avoid congested areas of northern SW Barbur Boulevard
- Potentially faster travel times compared to surface options

Constraints:

- Technically challenging and expensive compared to surface options
- Fewer stations serving South Portland neighborhood
- Potential vibration impacts at OHSU research and medical facilities
- Misses/foregoes land use redevelopment opportunities in South Portland
- Misses/foregoes opportunities for pedestrian, bicycle and stormwater improvements along SW Barbur Boulevard or SW Naito Parkway

B. Medium Tunnel - Exit at Bertha

Opportunities:

- Direct connection to Marquam Hill/OHSU via elevator
- Serves Hillsdale
- Avoids congested areas of northern SW Barbur Boulevard
- Potentially faster travel times compared to surface options

Constraints:

- Technically challenging and expensive compared to surface options and short tunnel
- Fewer stations serving South Portland neighborhood
- Potential vibration impacts at OHSU research facilities
- Misses/foregoes land use redevelopment opportunities in South Portland
- Misses/foregoes opportunities for pedestrian, bicycle and stormwater improvements along SW Barbur Boulevard or SW Naito Parkway

C. Barbur (BRT, LRT)

Opportunities:

- Replacement of viaducts improves travel for autos, bikes, and pedestrians
- Creates opportunities for access to SW Hamilton commercial node and South Portland and Homestead neighborhoods

Constraints:

- Significant traffic impacts during construction unless new parallel structure(s) built
- Limited land use opportunities between SW Hamilton and SW Terwilliger

D. Hillsdale via Barbur

(BRT, LRT in tunnel through Hillsdale center)

Opportunities:

- Provides HCT access to Hillsdale town center
- Avoids replacement of trestles on SW Barbur Boulevard
- Avoids difficult SW Terwilliger and SW Barbur intersections
- Development opportunities on Bertha near Hillsdale and near SW Barbur Boulevard

Constraints:

- Requires LRT in tunnel or BRT in mixed traffic
- Potential slower HCT travel times
- Potential traffic and property impacts
- BRT in mixed traffic results in slower travel travel times
- BRT would need traffic signal changes at Bertha