

Eastlake / I-5 to Portage Bay Area - Existing Conditions Aerial



Scale: 1" = 100'

Washington State Department of Transportation

520

10th & Delmar Lid - Baseline Design (Passive Use Space)

Description

The lid spans west to east from 10th Avenue East to Delmar Drive East, and north to south from East Roanoke Street to the Federal Avenue East street end. The resulting lid area slopes down in a gently rolling grade from a high spot at the southwest corner at 10th Avenue East to the low spot at the intersection of Delmar Drive East and 11th Ave East.

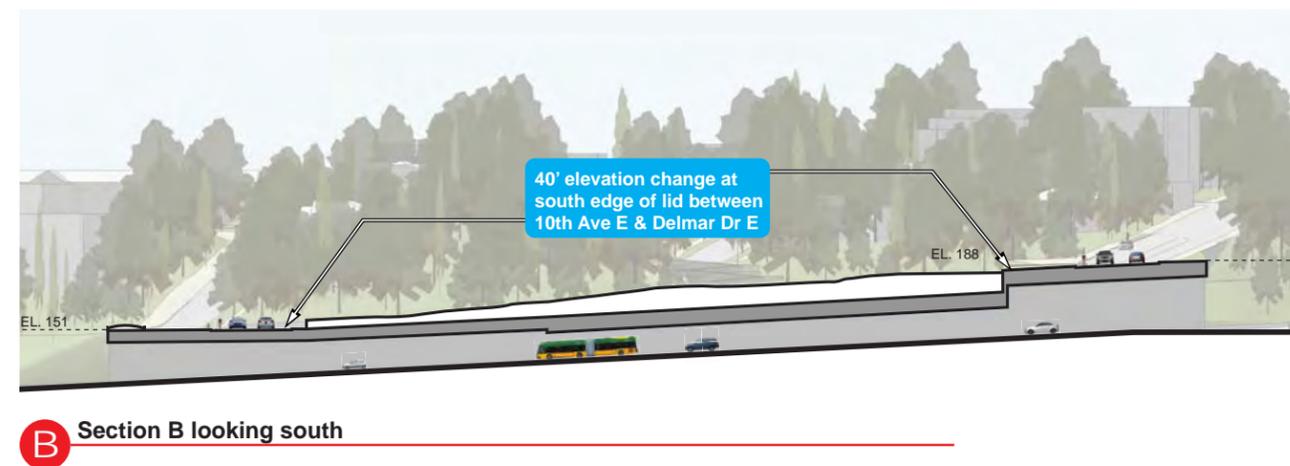
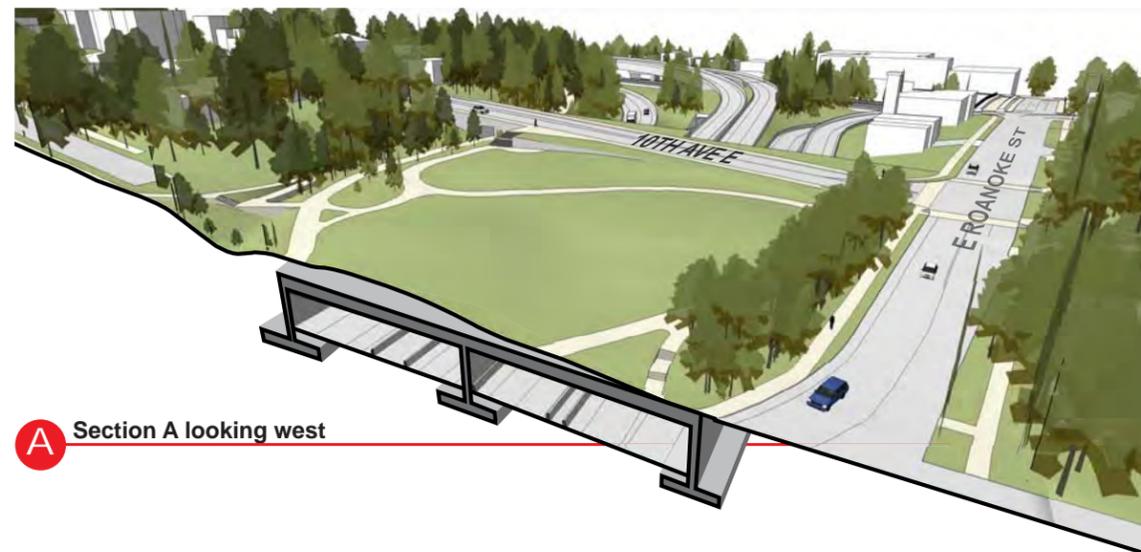
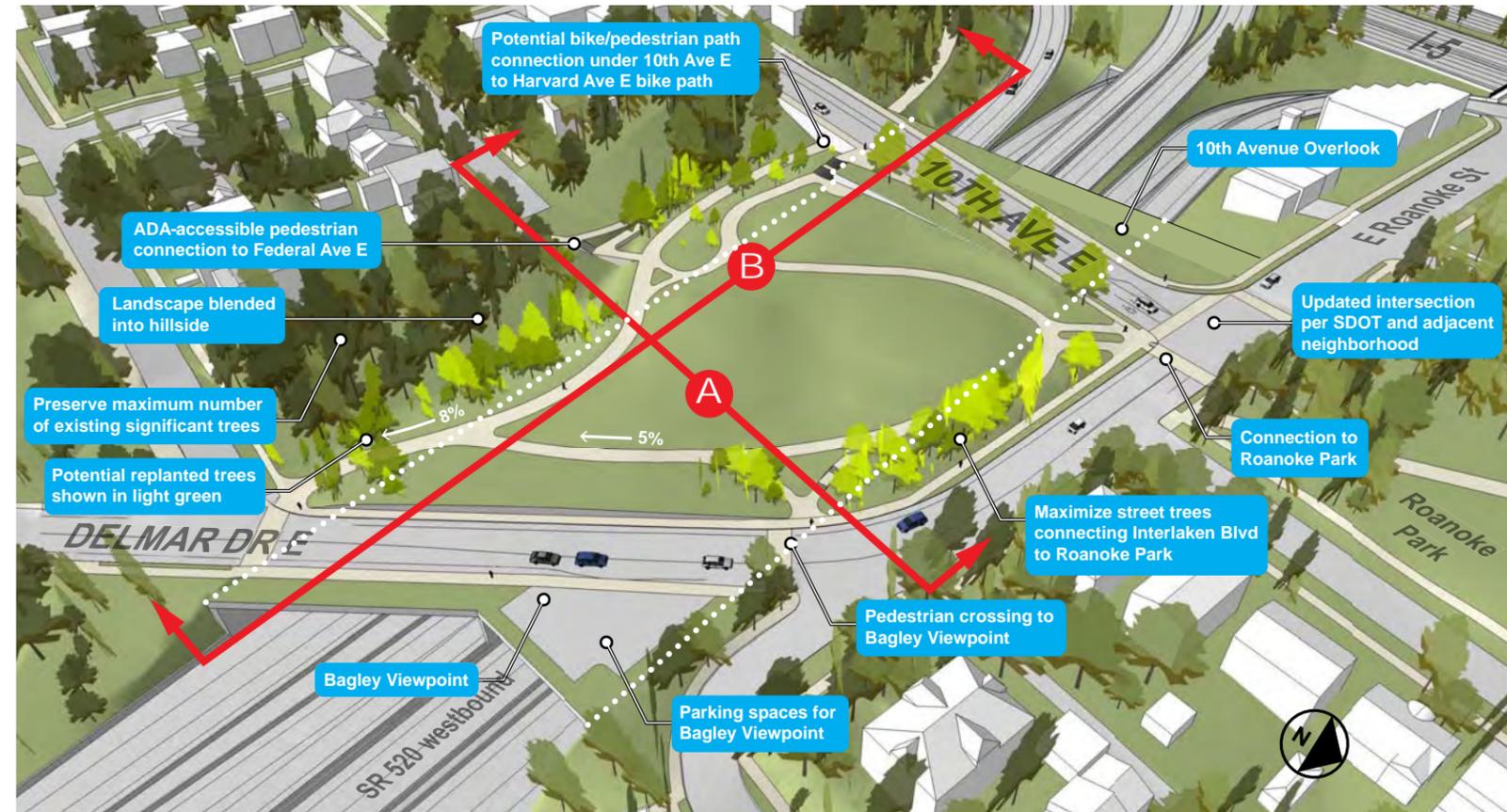
Function

- Provides the opportunity for a more direct shared-use path connection between Delmar Drive East and 10th Avenue East
- Provides additional noise and visual buffer for the surrounding neighborhoods

Design Goals

- Facilitate accessible connections around and through the space
- Realize Olmsted concept plan with Delmar Drive East as a tree-lined boulevard connecting Interlaken Boulevard to Roanoke Park
- Preserve the maximum number of existing significant trees
- Preserve opportunities for future considerations of appropriate use of the space by the community and the City of Seattle
- Provide inviting and safe spaces
- Make compatible with adjacent historic district

Connections Diagram



10th & Delmar Lid - Option A (Active Use Space)

Description

This option illustrates how the surface of the lid could be developed to allow for more level open spaces.

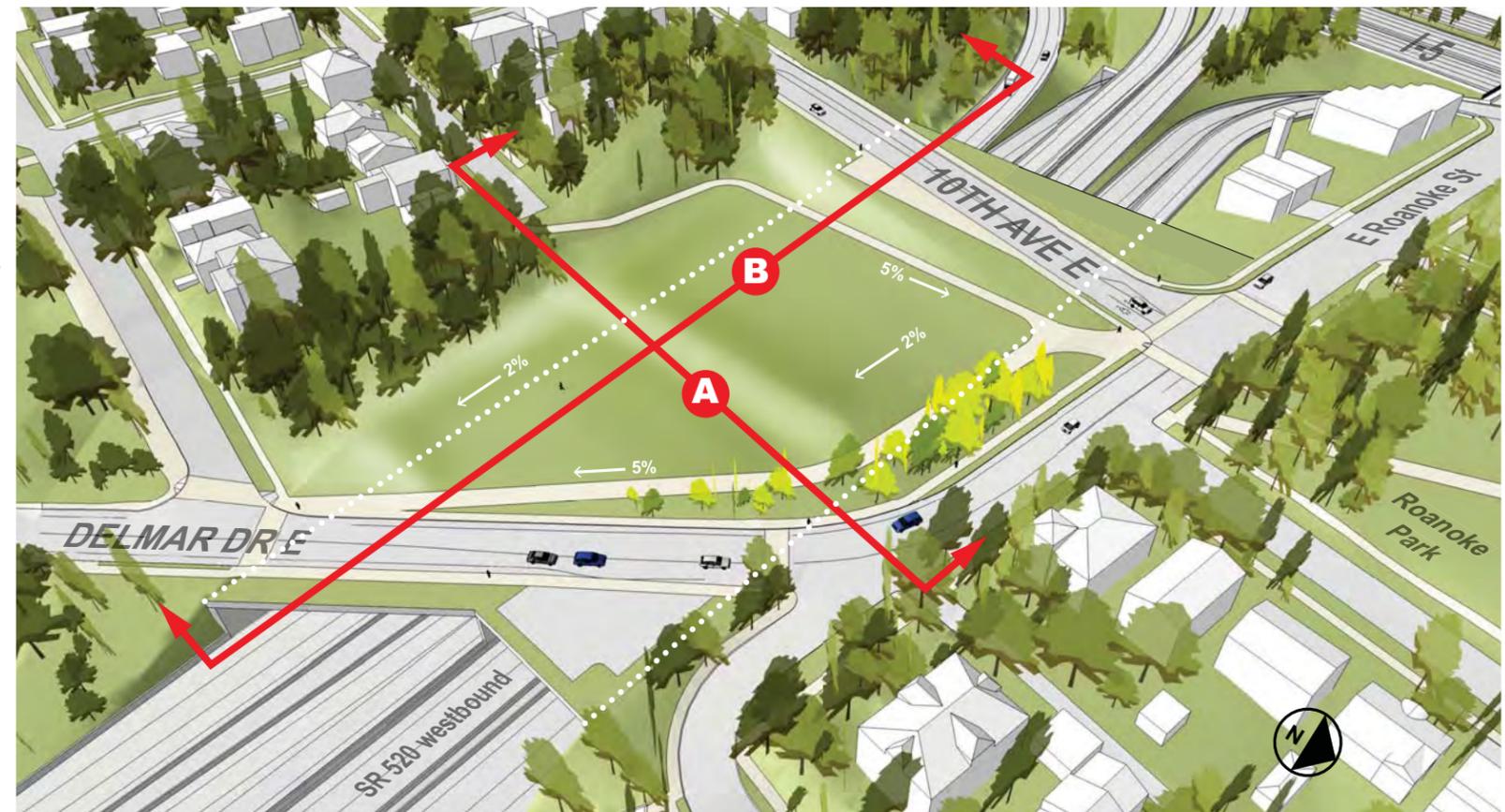
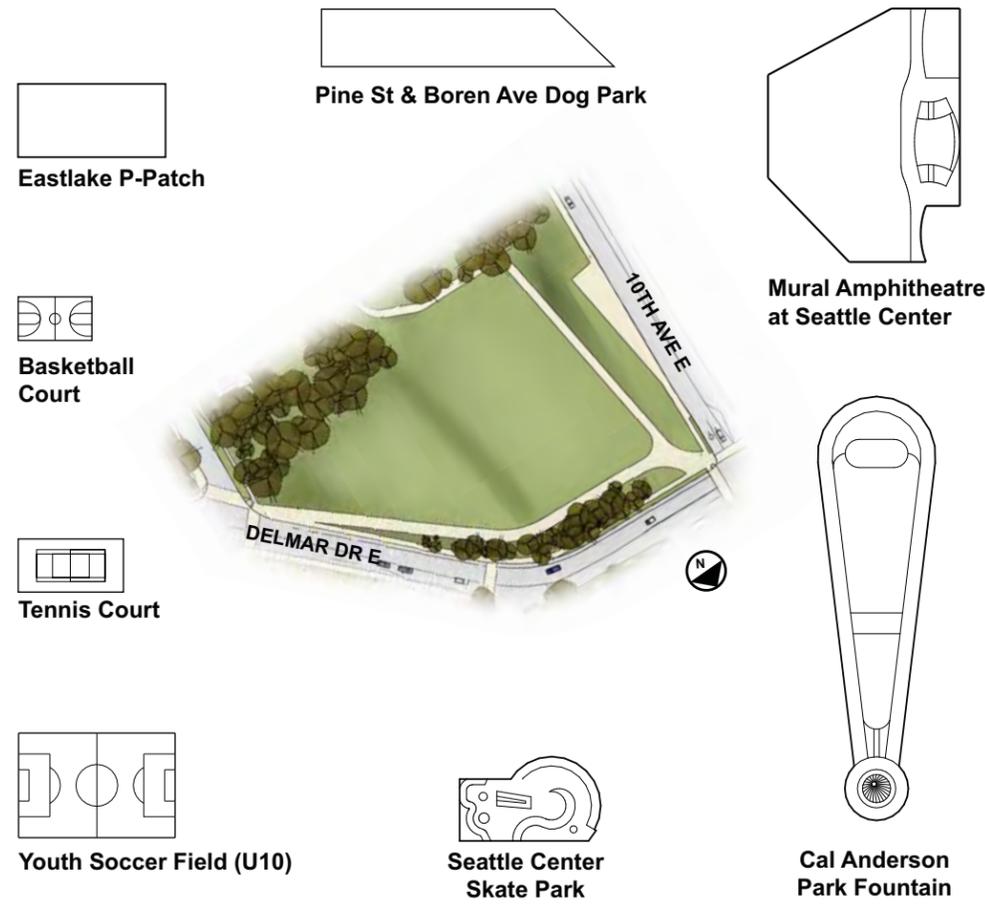
Benefits

- Could accommodate an assortment of different programmed uses as determined appropriate by the City of Seattle and surrounding communities

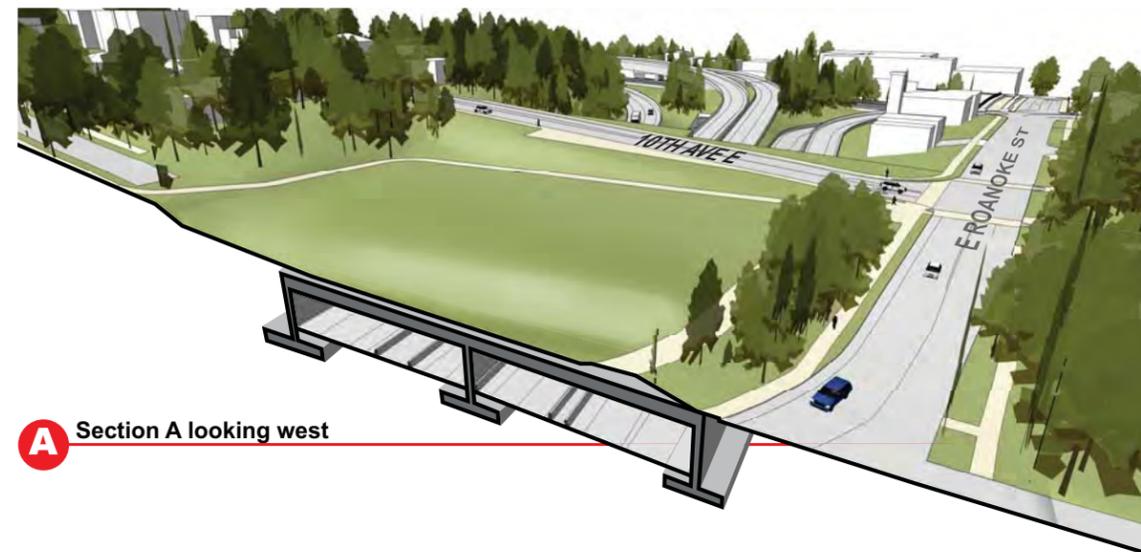
Considerations

- Parking could be provided on street if needed or required

Scale Comparisons - What could fit here?



Birdseye view of Option A looking southwest



A Section A looking west



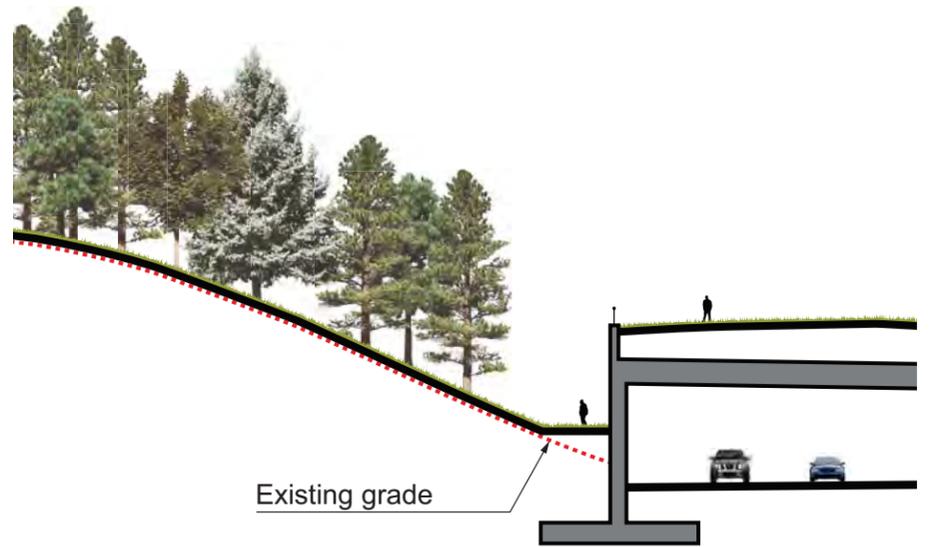
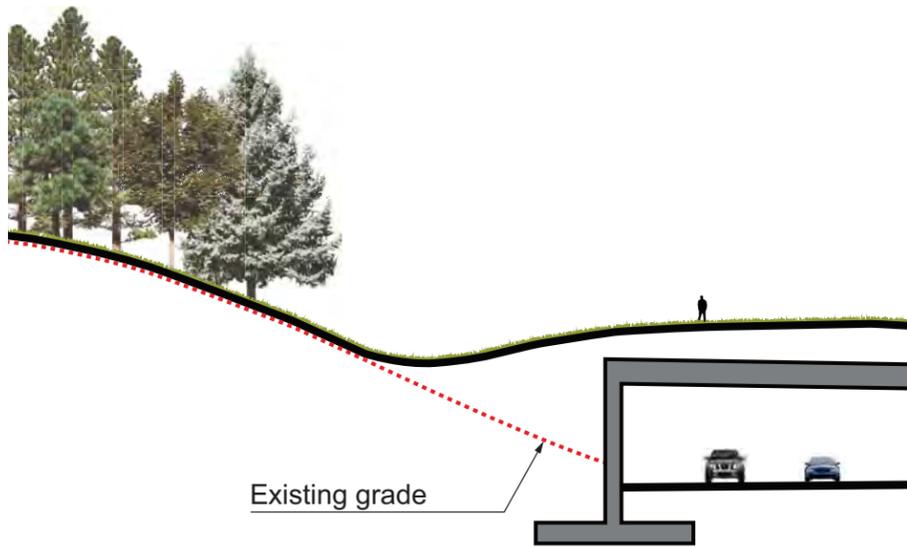
B Section B looking south

10th & Delmar Lid -

Tree Preservation vs. Blending Lid into the Hillside

Baseline Design - Saves some trees
Creates defensible public space
RECOMMENDED

Alternative Design - Saves most trees (shown in yellow)
Creates an unsafe public space
NOT RECOMMENDED



Legend

- - - - - WSDOT right of way
- Limits of construction
- - - - - Edge of lid
- Approximate fill area to be replanted
- Bypass road location required during construction
- Significant tree over 6" in diameter to remain
- Significant tree over 6" in diameter removed due to construction
- Significant tree proposed to be removed to create a safer public space

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CONCEPTUAL
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10th & Delmar Lid - Perspective Views

KEY MAP



Baseline Design - View from 10th Avenue East and East Roanoke Street looking southeast



Baseline Design - View from Delmar Drive East looking northwest



Baseline Design - View from 10th Avenue East looking east



Baseline Design - View from Federal Avenue East looking north

10th & Delmar Lid - Portage Bay Bridge

[View Map](#)



View of Portage Bay Bridge - Box Girder Option



View of Portage Bay Bridge - Cable-Stay Option



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10th & Delmar Lid - Driver Experience: Portal Design

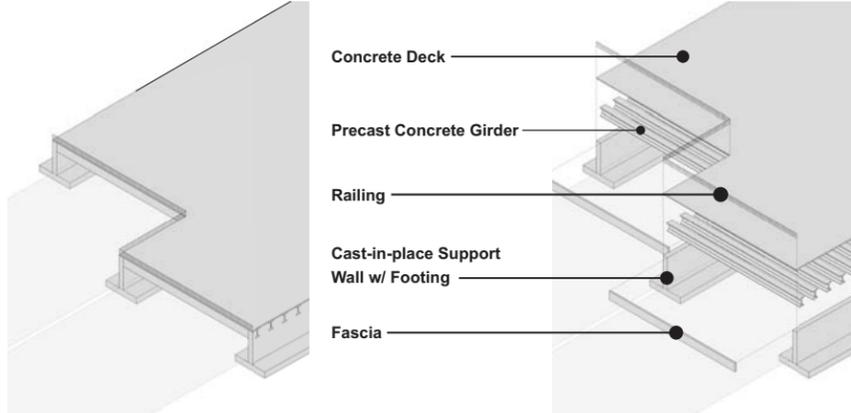
Description

Portals mark the edges of the lid where vehicles enter and exit. The configuration requires the both eastbound and westbound halves to be staggered at each side. The portals require a clearance of 18'. The east portal will mark a gateway entrance into downtown Seattle while the west portal will mark a gateway entrance to Portage Bay, the University of Washington and the Cascade mountains.

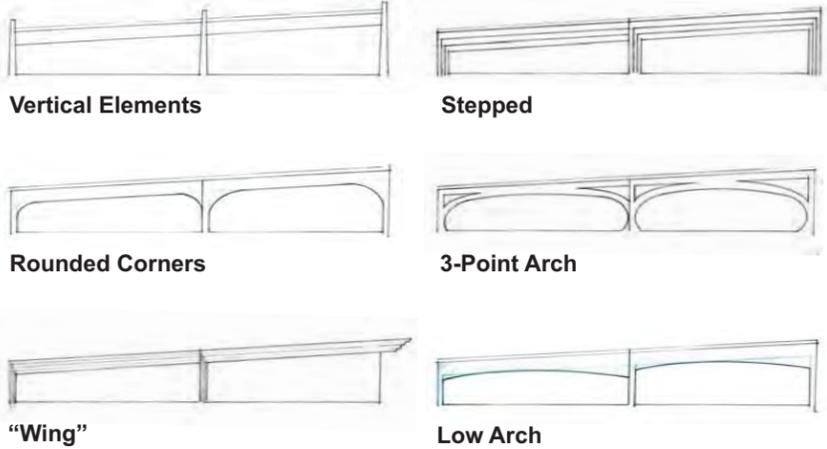
Design Goals

- Provide some elements of continuity with other portals on the SR 520 corridor
- Allow for appropriate transition from brighter outside to darker interior of tunnel (reversed in evening)
- Avoid unnecessary roadway signs at portals

Portal Anatomy



Portal Design Concepts



Precedents



East Portal



West Portal



View of east portal looking west



View of west portal looking northeast

10th & Delmar Lid - Bagley Viewpoint (Baseline Updated)

Description

“Bagley view point is a really cool viewpoint that overlooks the SR 520 floating bridge, Lake Washington, and Bellevue beyond. The University of Washington stadium is also visible from here, and with its easy-to-access parking lot, makes for the perfect spot to spend your lunch hour”
(Seattle Parks Department website description)

Function

- Allow eastern views across Portage Bay, the University of Washington, and the Cascade mountains
- Provide parking

Options

- Expand southern area while reducing complexity of angled structure (Option 1 and 2)
- Increase open space area of northern portion by providing the required parking on Delmar Drive East (Option 2)

Option 1 - Engineering refinement with off-street parking



Option 1 - View looking east



Option 2 - Engineering refinement with on-street parking



Option 2 - View looking east

