Roanoke Design Principles

4.1 ROANOKE AREA

AREA PRINCIPLES

CULTURE

1. Retain and enhance neighborhood connections to Roanoke Park and Interlaken Park.
2. Use the lid to reconnect community activity centers.
3. Use interpretive markers to describe the evolution of the Olmsted landscape and the effects of SR 520 on the landscape.

NATURE

1. Evaluate views from 10th Avenue East toward the Olympic Mountains and to Portage Bay and the Cascade Mountains to the east, and provide opportunities to enjoy similar views.

DESIGN

1. Design the ramp bridge connecting I-5 and SR 520 to be graceful.

MATERIALS

1. Select materials that are consistent with the character of the homes in the Roanoke historic district.

10th & DELMAR PRINCIPLES

1. Conserve and reuse elements from the existing Bagley Viewpoint that are valued by the local residents and park users.
2. Create lids as urban open spaces that encourage pedestrian activities and provide meeting places.
3. Cultivate a sense of stewardship among the local residents for the open space that will be created by the lid, so that maintenance and safety in this space become points of public pride and are self-reinforcing.
4. Provide clear pedestrian connections to Roanoke Park.
5. Provide paths across the 10th & Delmar Lid that are in scale and style with surrounding neighborhoods and parks and accommodate diverse users.
6. Evaluate views from the 10th & Delmar Lid of Portage Bay and provide opportunities to enjoy similar views.

1. Select a lid planting palette that relates to the existing forest trees and understory adjacent to the 10th & Delmar Lid.
2. Create a natural-looking transition from lid surface to native topography and landscape on north and south sides of 10th & Delmar Lid.

1. Create aesthetic continuity between the 10th & Delmar Lid and the I-5 Enhanced Pedestrian Crossing.
2. Use the lid as an opportunity to create additional paths that separate motorized traffic from non-motorized traffic.
3. Use “visual friction,” like closer spacing of elements, to enhance awareness of changes in speed and approach to nearby intersections.
4. Provide a safe pedestrian connection from the 10th & Delmar Lid to Boyer Avenue.
5. Use natural features and plantings to screen adjacent residences from the 10th & Delmar Lid users.
6. Integrate utilities into the 10th & Delmar Lid structure in a way that minimizes distractions and visual clutter.

1. Select materials complementary to the context and style of the buildings and Roanoke and Bagley Viewpoint parks.
2. Ensure high quality craftsmanship, especially on the lid where people will have time to observe details and small features.

I-5 CROSSING PRINCIPLES

1. Optimize views of the urban skylines and Lake Union shoreline.

1. Use vegetation along the path to protect diverse users from nuisances and harm and create a pleasing, naturalistic environment.

1. Create aesthetic continuity between the 10th & Delmar Lid and the I-5 Enhanced Pedestrian Crossing.

1. Ensure high quality craftsmanship, especially along the pathway where people will have time to observe details and small features.
2. Use pedestrian-scale lighting to provide safe passage along the enhanced pedestrian crossing.
Portage Bay Design Principles

PORTAGE BAY BASIN AREA

AREA PRINCIPLES

CULTURE

1. Evaluate views from the neighborhood to Portage Bay, and provide opportunities to enjoy similar views.

NATURE

1. Ensure the new nearshore landscape has characteristics of the native slope and shore habitat.
2. Support actual and perceived user safety with appropriate landscape design and planting.
3. Provide for interpretive and distinctive amenities near shore habitat or surface water treatment.

DESIGN

1. Create interesting, attractive, and easily maintained spaces and facilities in under-bridge areas.
2. Avoid creating “orphaned” places that might become misused or feel unsafe.

MATERIALS

1. Select durable materials and finishes that are resistant to mold and staining especially where natural light is not present.

BOYER STEPS & UNDER-BRIDGE PRINCIPLES

1. Integrate under-bridge areas with existing and anticipated Montlake Playfield Master Plan and Interlaken parks, trails, and public infrastructure to create intriguing, safe public spaces.
2. Activate the east area of the western Portage Bay Bridge abutment with community uses or interpretive features.
3. Ensure appropriate wayfinding for users around pedestrian stairs connecting Bagley Viewpoint Park and Boyer Street.
4. Create intriguing and safe public spaces under the western terminus of the Portage Bay Bridge by adding details, educational features, and picturesque paths.
5. Provide a visual connection from Boyer Avenue and the local residences to the shoreline area under Portage Bay Bridge.
6. Use common features to create a unified sense of place from the lid surface down to the Boyer landing. The sequence of places created by the steps should provide restful and safe locations to observe both the bridge superstructure, and local perspectives of the slope and neighborhood.

7. Use natural features and plantings to screen adjacent residences from the bridge.
8. Use vegetation and urban features to provide visual relief and discourage potential urban camping under the bridge and near abutments.
9. Protect the shoreline from damage caused by human activities along the edge of the undercrossing. Provide locations where users may observe and/or touch the water.
10. Use landscaping features best suited to the physical environment. Specifically, in areas where plants cannot thrive, create programmatic uses with hardscape treatments that do not rely on vegetation.

11. Apply CPTED principles to ensure clear sight lines and visibility west and east from Boyer Avenue.
12. Provide a safe pedestrian connection from Boyer Avenue to Delmar Drive.
13. Ensure high quality craftsmanship on and around the Boyer steps, as people will have time to observe details and small features.
14. Select lighting quality, luminosity, and fixtures along the path to meet lighting standards for safety and comfort of users, while enhancing the visual quality of the area.
15. Select durable materials and finishes resistant to mold and staining especially where natural light is not present.

MONTLAKE INTERCHANGE PRINCIPLES

1. Provide wayfinding, safety (e.g., lighting), and aesthetic experience for Bill Dawson Trail users at the east abutment of Portage Bay Bridge. Integrate the under-bridge areas with existing and anticipated Montlake Playfield Master Plan and Interlaken parks, trails, and public infrastructure to create intriguing, safe public spaces.
2. Protect the shoreline from damage caused by human activities.
3. Design bicycle and pedestrian passage for high quality, pleasant, and safe experiences.
4. Ensure high quality craftsmanship, on and around the Bill Dawson Trail, as people will have time to observe details and small features.
5. Select lighting quality, luminosity, and fixtures along the path to meet lighting standards for safety and comfort of users, while enhancing the visual quality of the area.
6. Select durable materials and finishes resistant to mold and staining especially where natural light is not present.
Montlake Design Principles

4.3

MONTLAKE AREA

### AREA PRINCIPLES

#### CULTURE

1. Connect communities through pedestrian and bicycle paths and green space.
2. Provide safe passage for each user group. Separated travel lanes for each user group are preferred.
3. Protect the view along the Rainier Vista axis.

#### NATURE

1. Highlight the beauty that is inherent in the functioning of wetlands.
2. Enhance the residential feel of Montlake Boulevard and Lake Washington Boulevard with trees and vegetation.
3. Use the landscapes on the north side of the westbound off-ramp to create an active buffer between the ramp and the Shelby-Hamlin neighborhood.

#### DESIGN

1. Design bicycle and pedestrian tunnels for high quality, pleasant, and safe experiences.
2. Design public spaces for multiple uses and user groups for enhanced safety.
3. See universal/corridor principles.

#### MATERIALS

1. Ensure high quality craftsmanship, especially on the lid where people will have time to observe details and small features.
2. Cultivate a sense of stewardship among the local residents for the open space that will be created by the lids, so that maintenance and safety in this space become points of public pride and are self-reinforcing.

### MONTLAKE LID PRINCIPLES

1. Choose the site furnishings to create a consistent character that is in harmony with the community’s goals for landscape character uses.
2. Design lid to have soft, pervious, green surfaces.
3. Design lid landscaping and landforms with respect for natural and/or well-established landscaping in the vicinity.
4. Conserve and replicate, where possible, the planted medians and tree borders from the Olmsted and UW plans.
5. Evaluate views of Lake Union, Lake Washington, the Cascade Mountains, the Arboretum, and Mount Rainier, and provide opportunities to enjoy similar views.

### MONTLAKE INTERCHANGE PRINCIPLES

1. See universal/corridor/area principles.
2. Conserve and replicate, where possible, the planted medians and tree borders from the Olmsted and UW plans.
3. Provide enhanced elements of safety like call boxes and tamper-proof lighting in tunnels to provide security for users.
4. Create safe and attractive transit facilities that address needs such as visual and physical access, and safe bicycle and pedestrian crossings.
5. Use “visual friction,” like closer spacing of elements, to enhance awareness of changes in speed and approach to nearby intersections.
6. Use natural features and plantings to screen views of the West Approach bridge from residences adjacent to Lake Washington Blvd.
7. Integrate utilities into the Montlake Lid structure in a way that minimizes distractions and visual clutter.
8. Address ventilation and fire life-safety needs in the comprehensive aesthetic design of Montlake Lid.

### CRITERIA

<table>
<thead>
<tr>
<th>CRITERIA</th>
<th>CRITERIA</th>
<th>CRITERIA</th>
<th>CRITERIA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Design Subareas  Portage Bay Bridge and West Approach Bridge

Area Key Map

Portage Bay Bridge
Underbridge Areas
West Approach Bridge

CONNECTIONS
Canal Reserve East Montlake Park and Stormwater Facility

East Lake Washington Boulevard
Shoreline and Lid Maintenance and Operations Facility
East Montlake Park and Stormwater Facility
Canal Reserve
Montlake Boulevard East