Office of the Waterfront City of Seattle

HDR
Engineer of Record
Paul Bott, PE, SE
Engineer of Record

Rosales + Partners
Bridge Design
Miguel Rosales, AIA
Bridge Designer

Project is partially funded by WSDOT
1. Transitions, Joints and Gate

2. Potential Extension of New Railing to 1st Avenue

3. Bridge Lighting Design During Special Events

4. Drainage System Details

5. Temporary Transition Bridge

6. Updated Bridge Materials, Finishes And Colors

7. Final Bridge Design Renderings
PHASE 1

Potential Future Phase / Railing Replacement

PHASE 1

Potential Future Phase / Railing Replacement
Bridge Plan and Elevation

New Commuter Building

Slope 1.5%

Clearance 20'

Slope 3.7%

Elev. 0.00'
Transitions, Joints and Gate
Extension of New Railing to 1st Avenue
Proposed Potential Railing Extension with Planters

Proposed Potential New Railing and Planters on Existing Bridge

Transition Bridge
Existing Bridge Railing and Lighting

**SECTION AT LUMINAIRE**
Scale: "3/4" = 1'-0"

**TYPICAL SECTION BETWEEN PIERS**
Scale: "3/4" = 1'-0"

**SECTION AT ABUTMENT PLANTER**
Scale: "1" = 1'-0"
Section at span planter is similar

**DETAIL 1**
Scale: 1/2" = 1'-0"
Transition Bridge Railing

Dimensions:
- Total length: 11'-8 1/2''
- Height: 3'-1 1/2''
- Width: 3.8''

EX DECK
Proposed Potential Railing Extension with Planters
Transition at First Avenue

Railing Elevation

Railing Plan

Railing Section

Parapet Cleaning and Painting
Transition at First Avenue
Transition at First Avenue
Bridge Lighting Design
Lighting Design

RGB-W

3000K White

110'

45'-7"'

44'-11"

Mainspan Pier Lighting
(Typical of Two)

Approach Pier Lighting
(Typical of Five)

Pier Light Fixture

Reveal Lighting

Stainless Steel Rail / PUCK light
Lighting Design
Lighting Design – Proposed color scheme
Lighting Design – Special Events
Lighting Design – Proposed color scheme
Lighting Design – Proposed color scheme
Lighting Design – Special Events
Lighting Design – Proposed color scheme
Lighting Design – Proposed color scheme
Lighting Design – Proposed color scheme
Lighting Design – Special Events
Proposed drainage design
Proposed drainage design
Temporary Transition Bridge
Current Transition Bridge – Plan and Elevation

Plan View – Transition Bridge

Section – Transition Bridge

Elevation – Transition Bridge

Plan: Slope 5% - 10'-10" +/− 67'

Section: 17'-10" 16'

Elevation: Slope 1.5%
Updated Bridge Materials, Finishes And Colors
<table>
<thead>
<tr>
<th>Sample</th>
<th>Use</th>
<th>Material</th>
<th>Finish / Color</th>
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<tbody>
<tr>
<td></td>
<td>Terminal Ceiling</td>
<td>Stonewood Architectural Panels</td>
<td>New Age Oak</td>
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<td></td>
<td>Terminal Roof</td>
<td>Fluropon Classic</td>
<td>SR Silver Storm</td>
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<td></td>
<td>Guardrail Infill</td>
<td>Glass</td>
<td>Light Grey</td>
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<td>Drylac Powder Coatings</td>
<td>PC-1 Mardi Gras Gold</td>
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<td>3Form Koda XT</td>
<td>Ochre Stucco F06</td>
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<td>Concrete Stain</td>
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<td>Base of Piers ADA Warning</td>
<td>4”x4” Granite Cobblestone</td>
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<td>Bridge Luminaires</td>
<td>Aluminium and Stainless Steel</td>
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<tr>
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<td>Handrail</td>
<td>Stainless Steel</td>
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<td>Drainage Pipes</td>
<td>Stainless Steel with Powder Coating</td>
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Marion Street Pedestrian Bridge – Phase 1
Potential Future Phase
Marion Street Pedestrian Bridge
Seattle Design Commission
January 2020