# **Marion Street Pedestrian Bridge**

**Seattle Design Commission** 

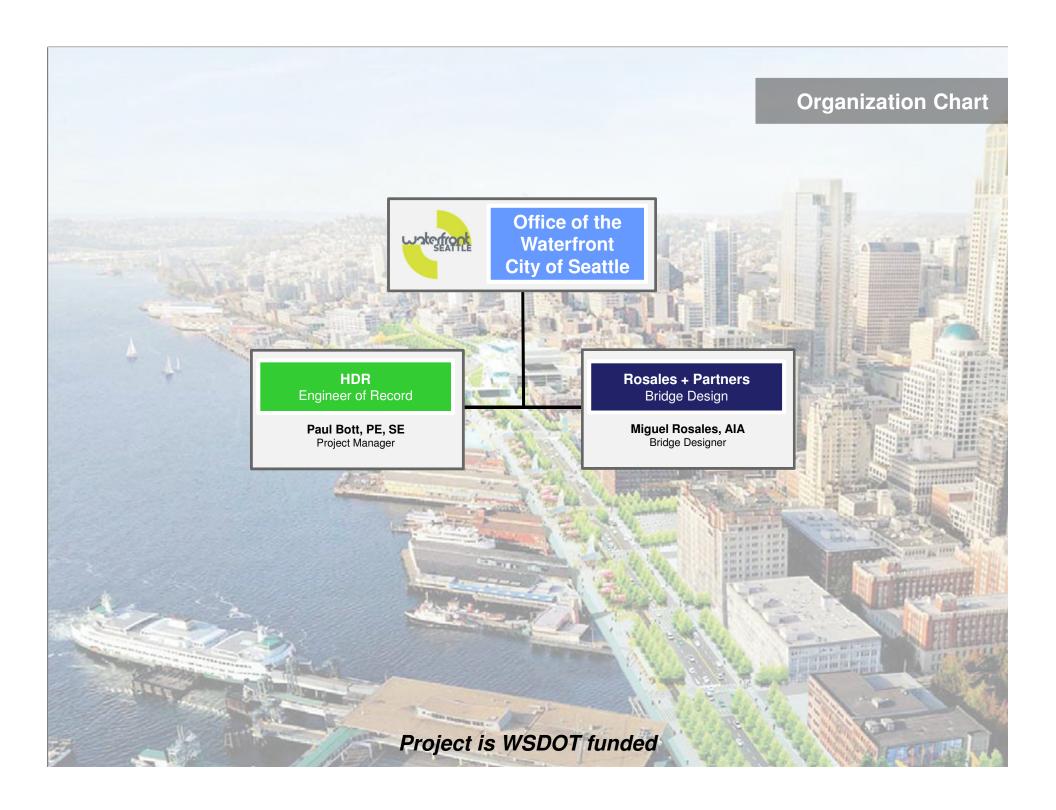
**January 3rd, 2019** 

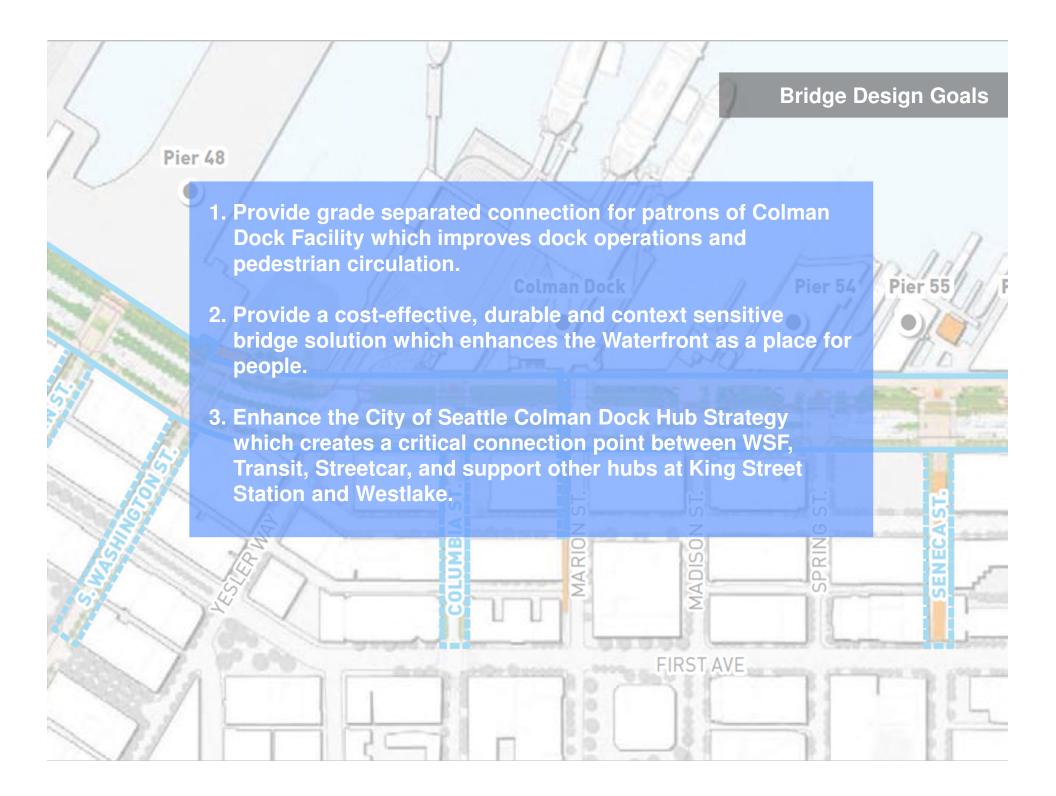


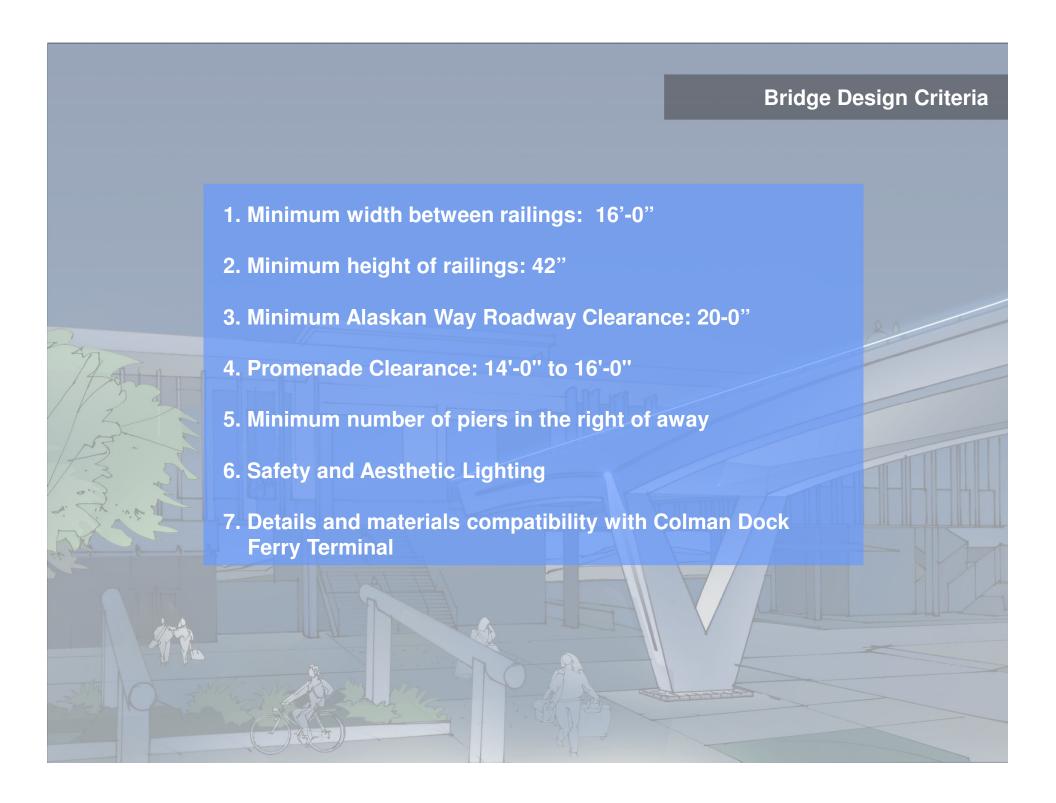




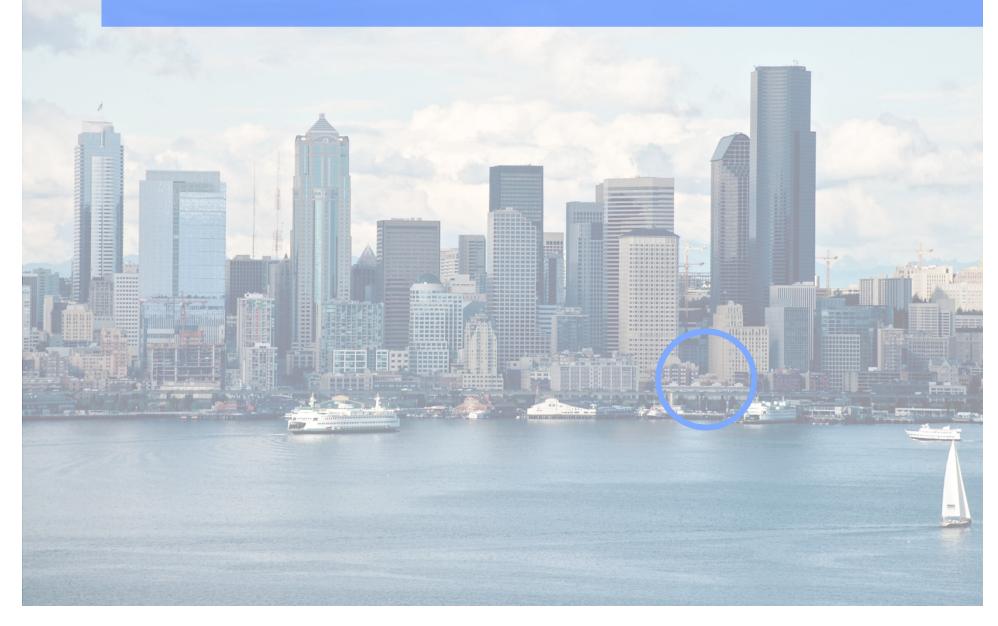




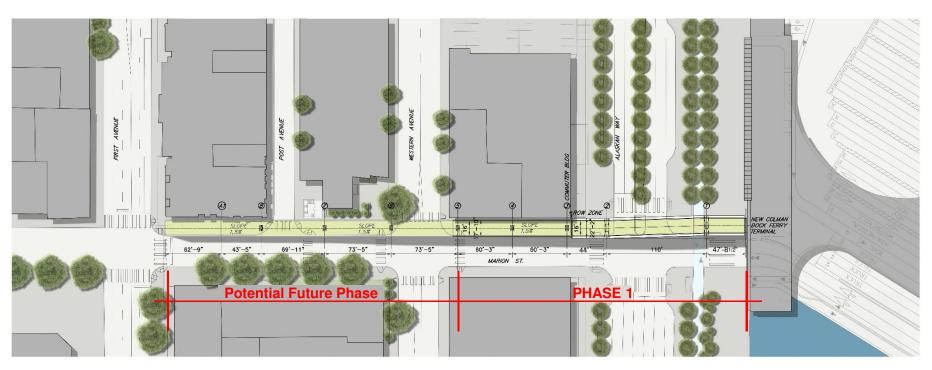


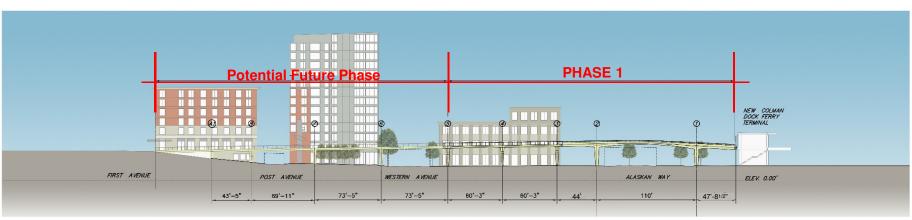




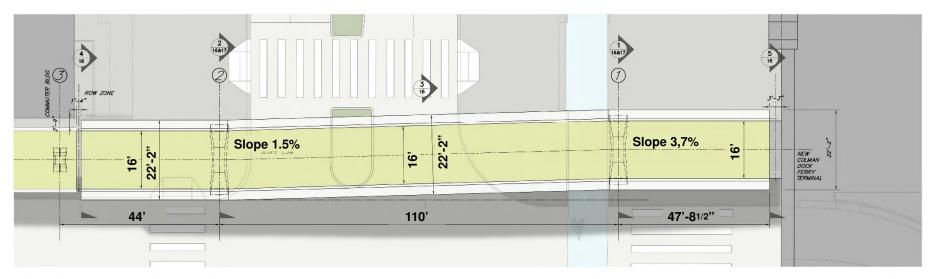


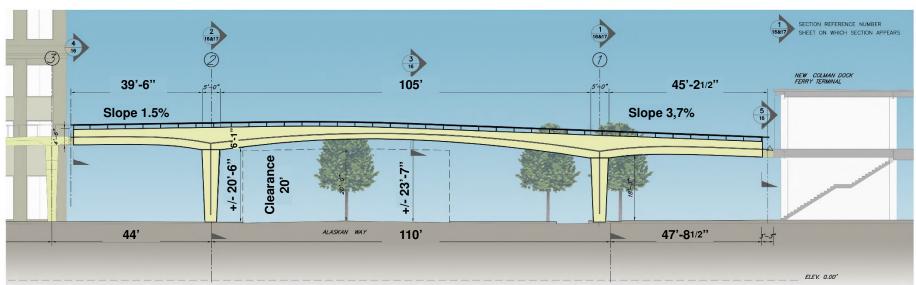
#### Plan and Elevation



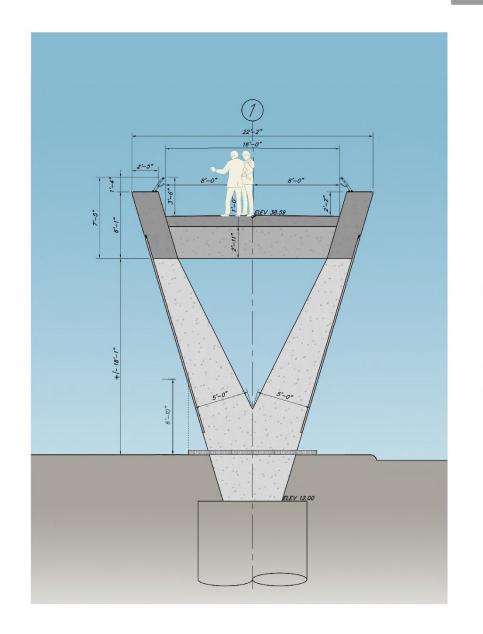


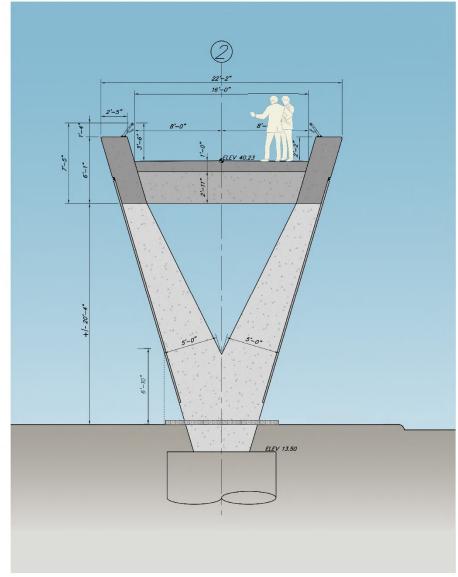
#### **Bridge Plan and Elevation**



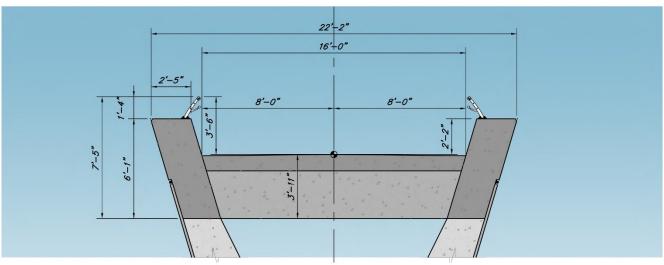


# Architectural / Structural Piers - Main Span

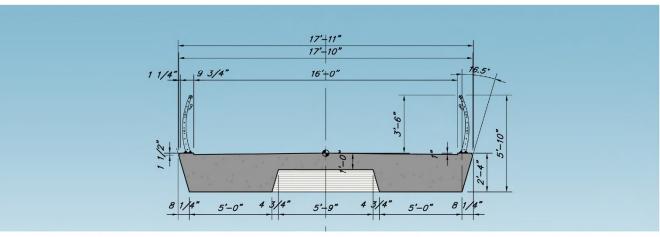




#### **Architectural Sections - Main Span and Approach**

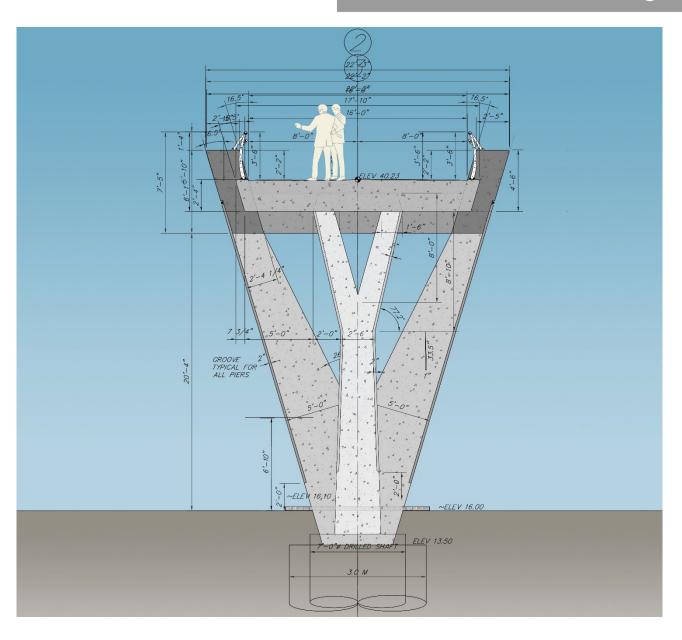


**Main Span Section** 

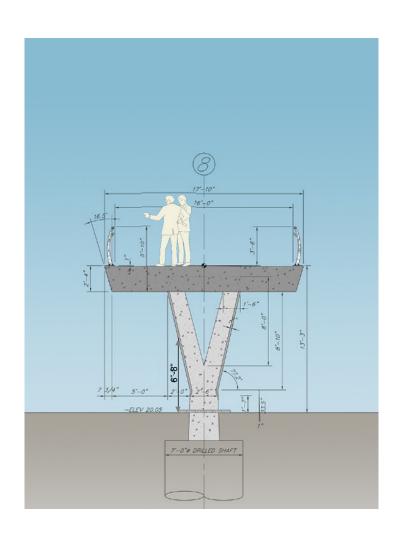


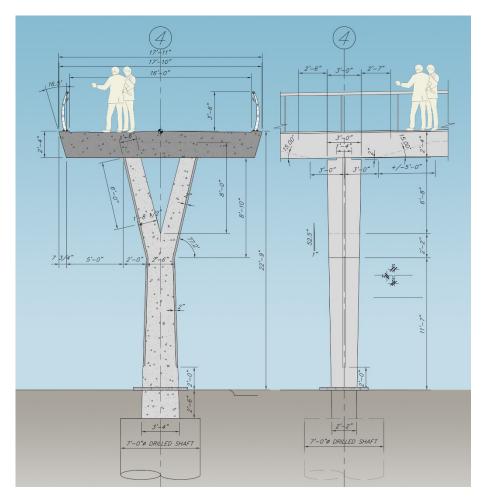
**Approach Span Section** 

# Promenade Level Column Placement. Overall Column Design and V Piers.

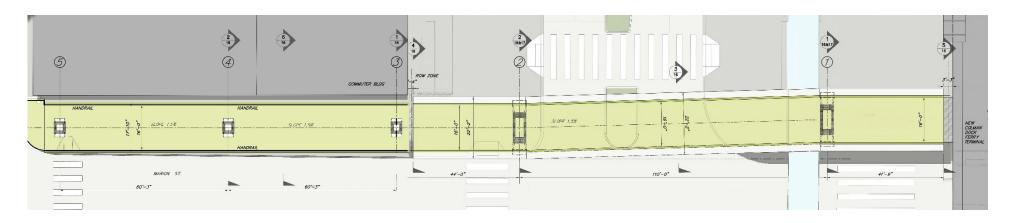


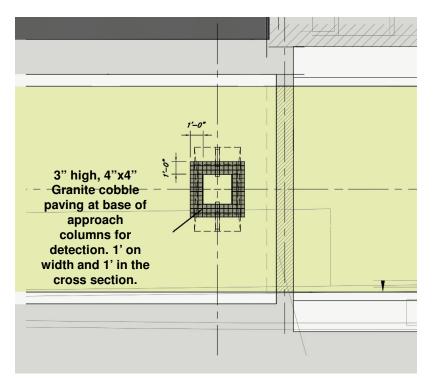
## **Architectural / Structural Piers – Approach Span**

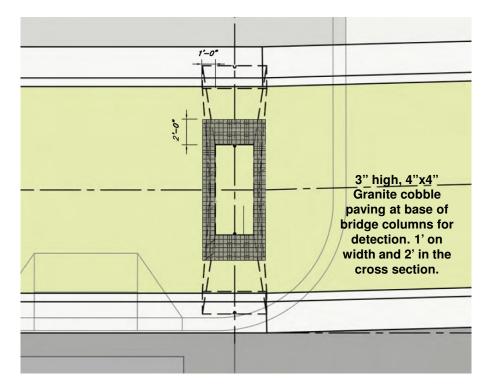




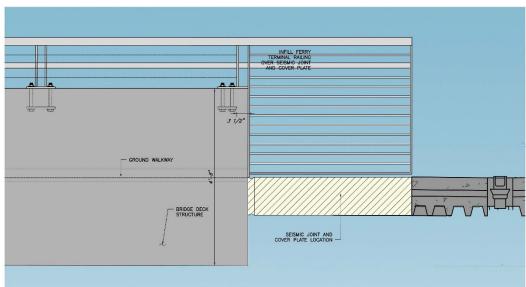
#### Granite cobble paving for detection



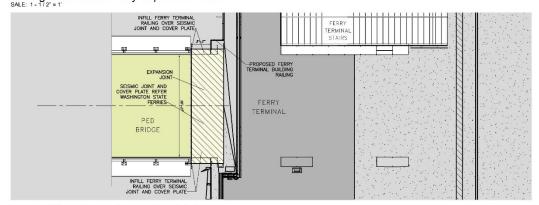




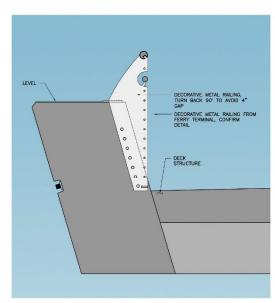
#### **Transition at Colman Dock Ferry Terminal**



Railing Elevation at Ferry Expansion Joint SALE: 1-1/2"=1"



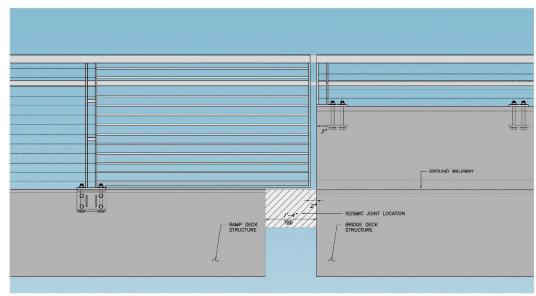
Railing Plan at Ferry Expansion Joint  $_{\text{SALE: 4}^{\circ}=1^{\circ}}$ 



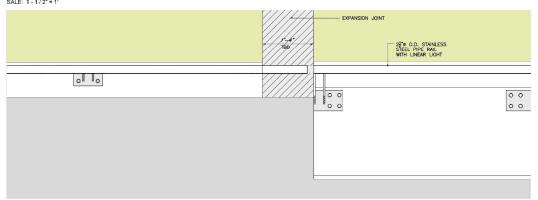
Railing Detail at Ferry Expansion Joint SALE: 1-1/2'=1'



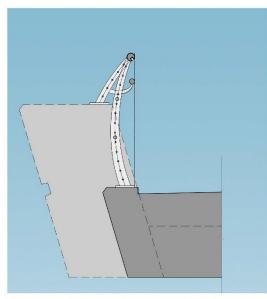
#### **Transition at Commuter Building**



Railing Elevation at Ramp Expansion Joint SALE: 1-1/2\*=1

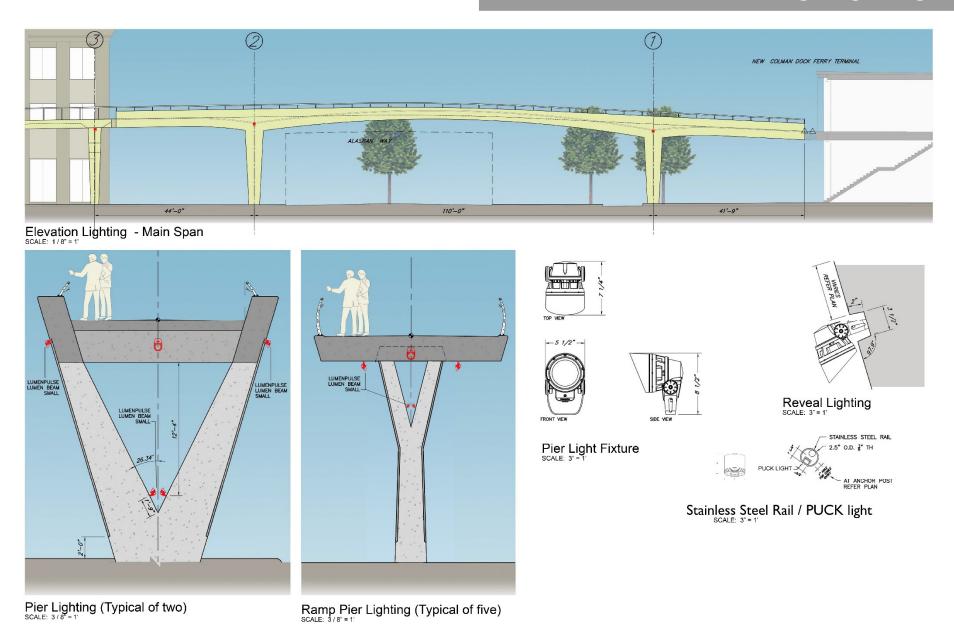


Railing Plan at Ramp Expansion Joint SALE:  $1-1/2^n=1^n$ 

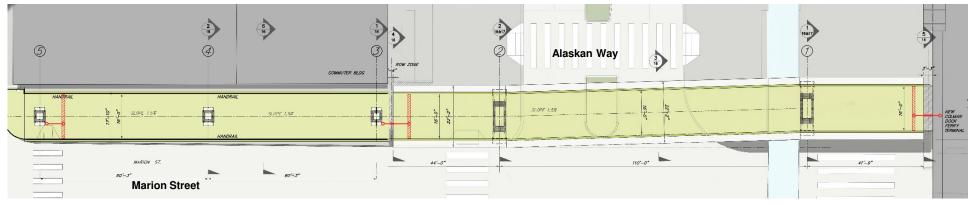


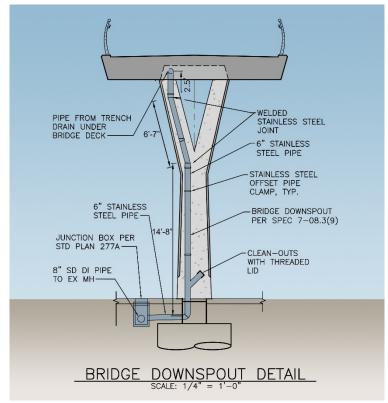
Railing Detail at Ramp Expansion Joint SALE: 1-1/2\*=1



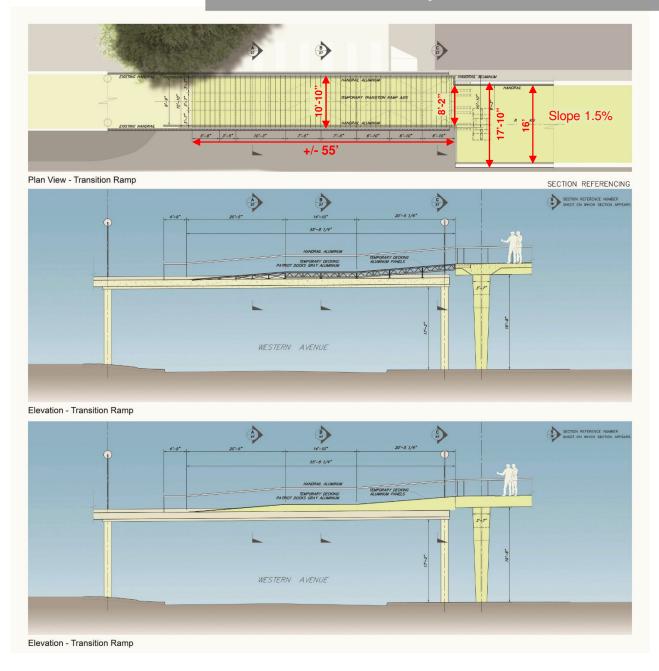


#### **Drainage design**

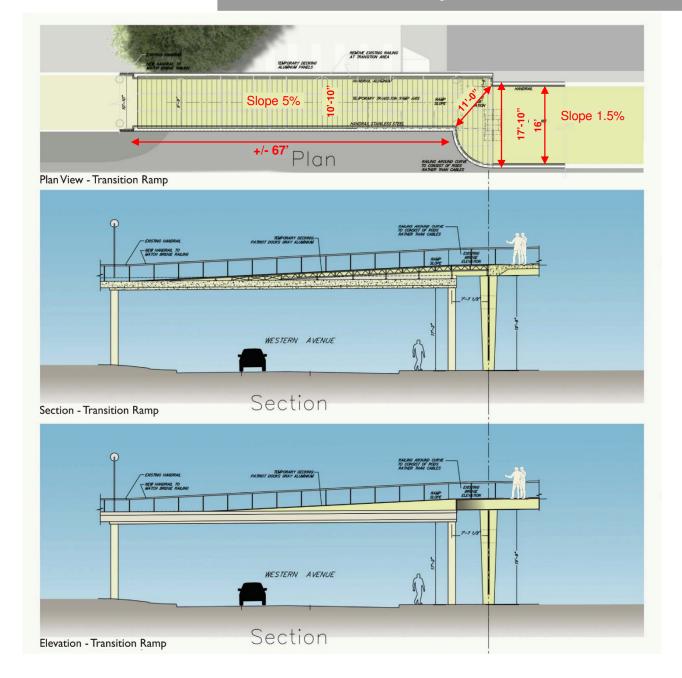


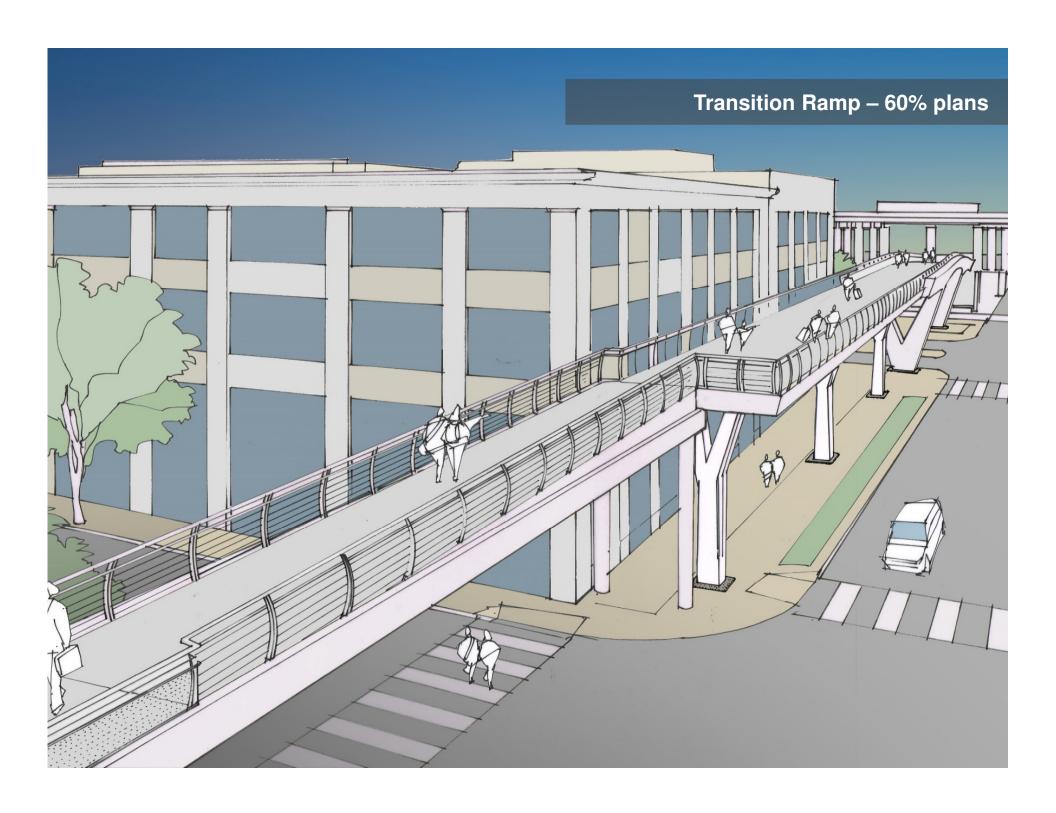


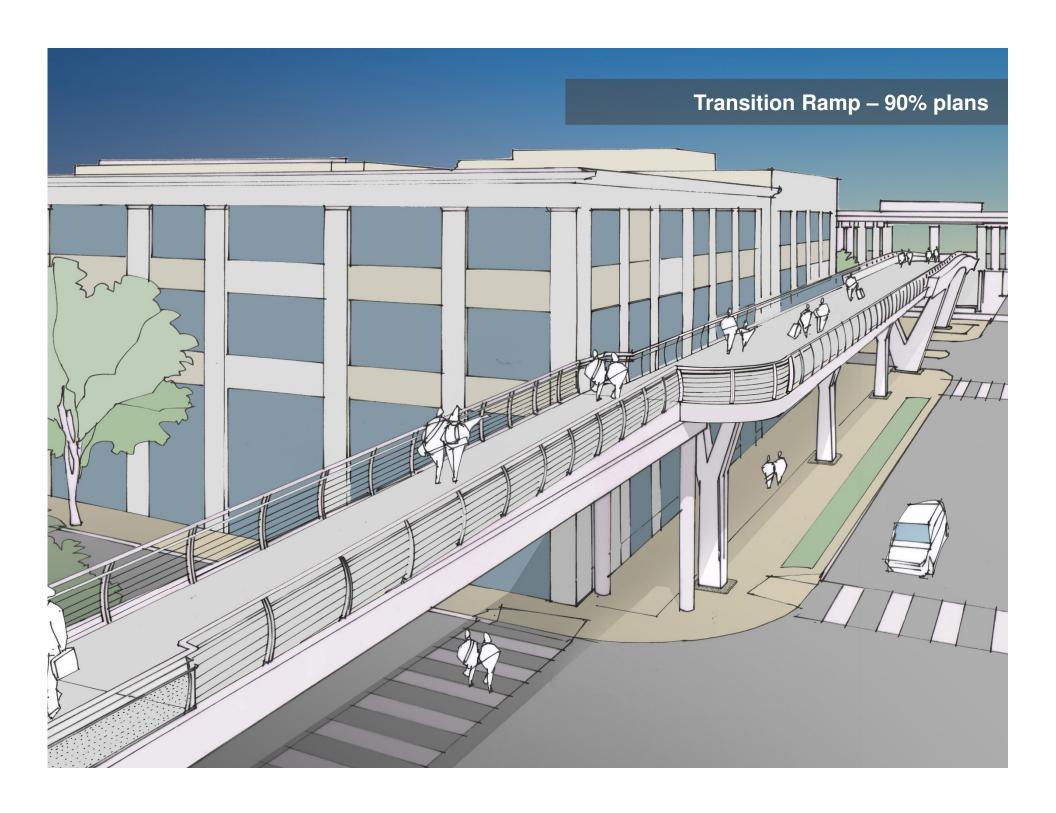
#### **Transition Ramp – Plan and Elevation – 60% plans**

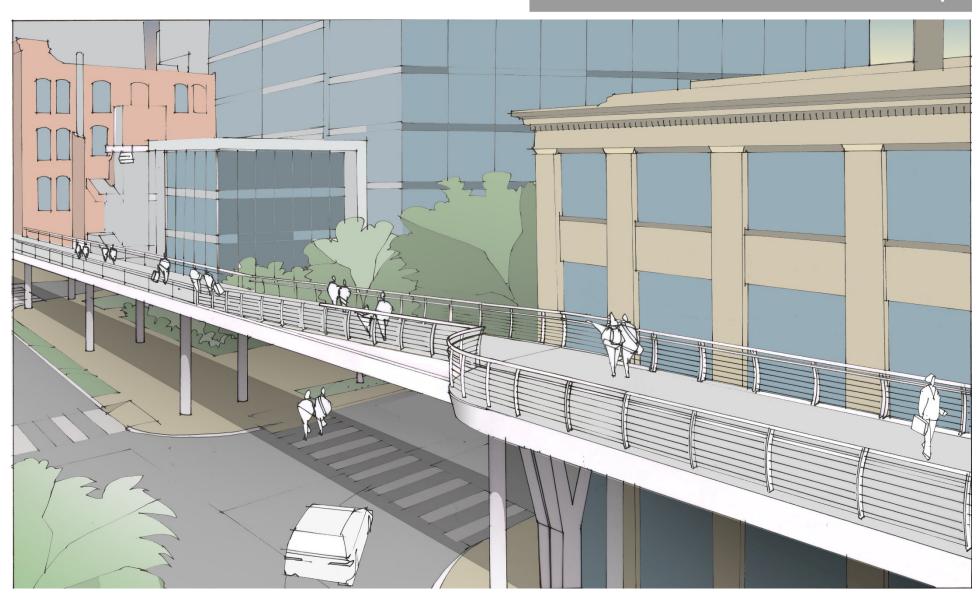


#### Transition Ramp – Plan and Elevation – 90% plans







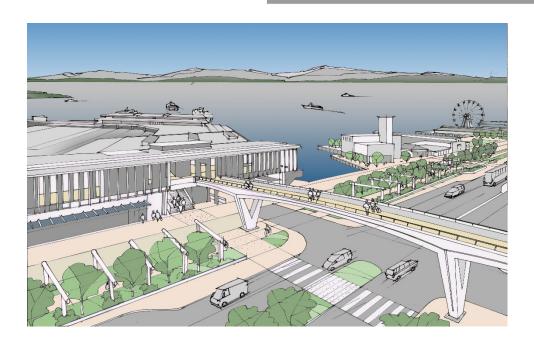






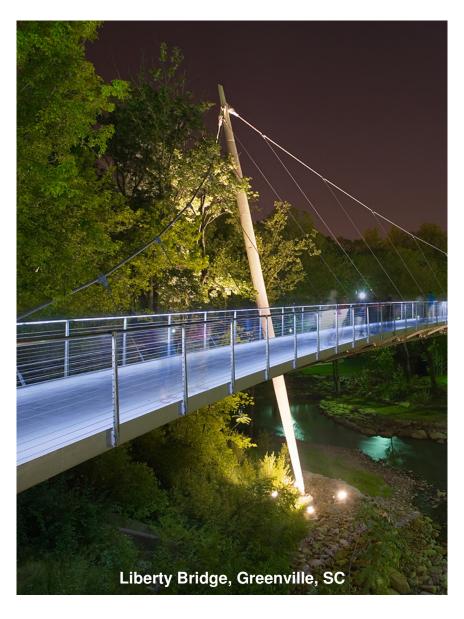


#### **Sustainability Strategy**

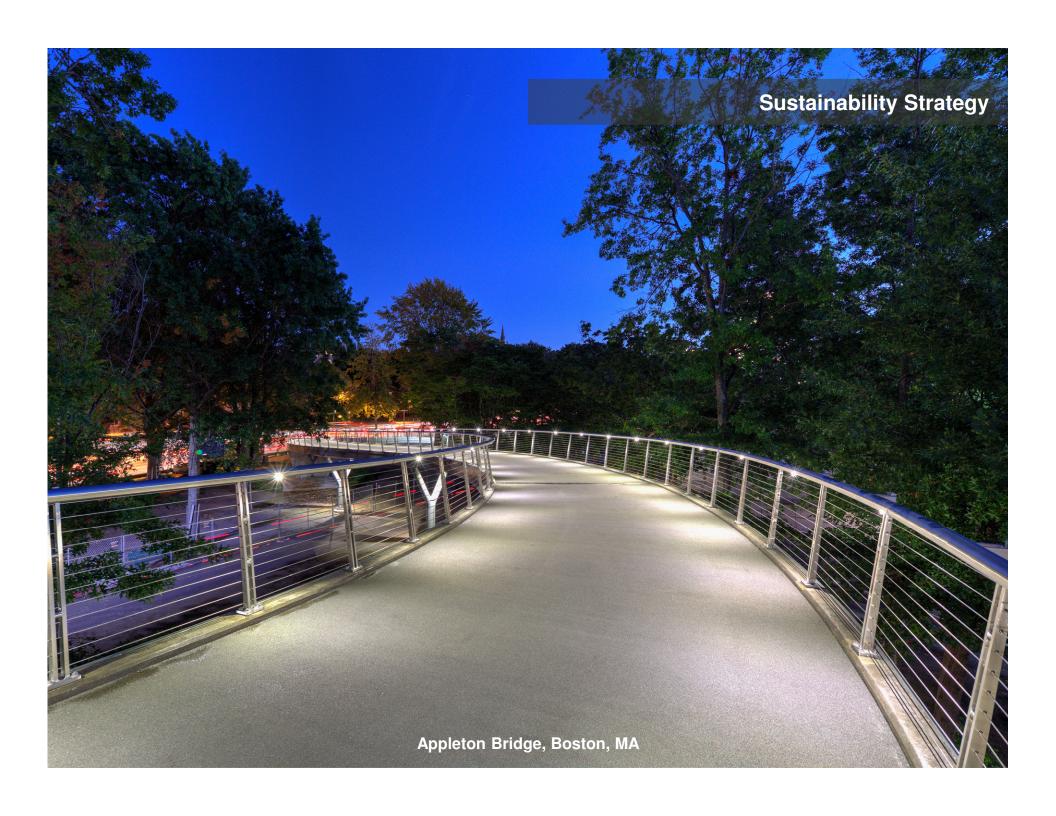


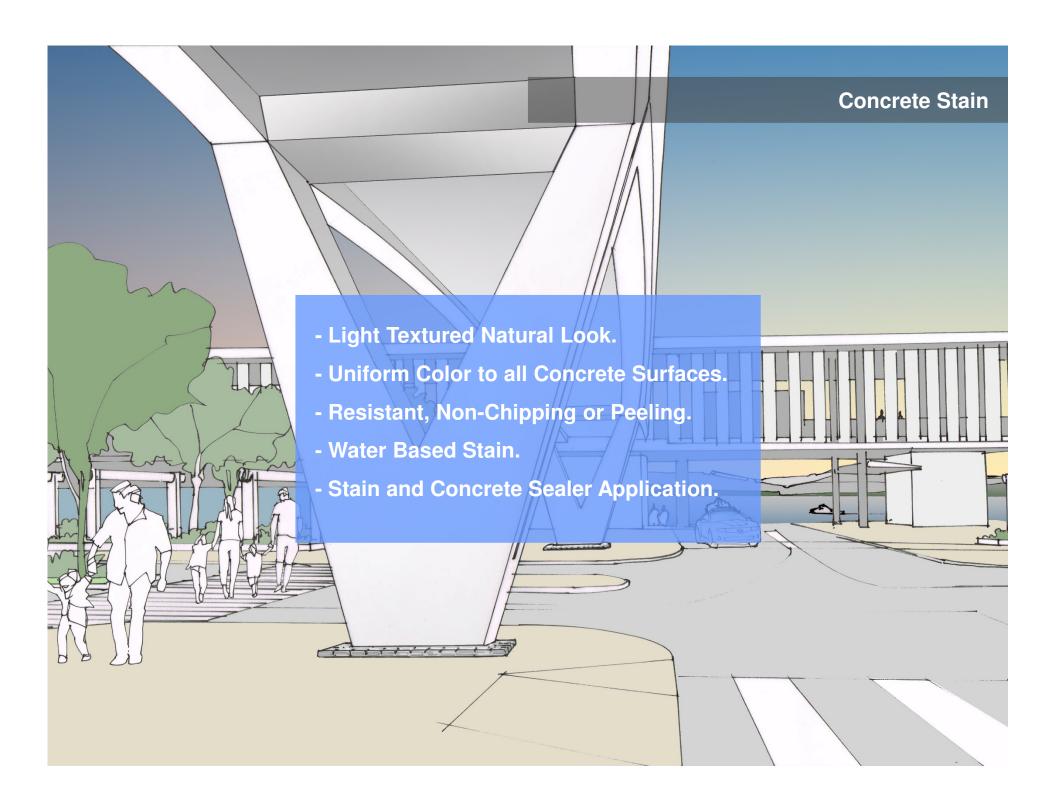
- MOBILITY: Pedestrian bridge will create a more attractive, wider and sustainable link between the Ferry Terminal and Downtown. Promotes active transportation modes. Incorporation of ADA. Scenic viewpoints.
- MAINTENANCE: Use of low maintenance materials and products like high strength concrete, stainless steel and LED lighting. Lowest life cycle cost and long life expectancy.
  - **ECONOMY:** Bridge design is very efficient minimizing the size of all elements as much as possible increasing constructability. Coordination with adjacent future projects to prevent repeat utility relocations.
- RE-USE/RECYCLE: Will use SDOT standard practice recycling of demolished concrete/metal debris when existing bridge is removed

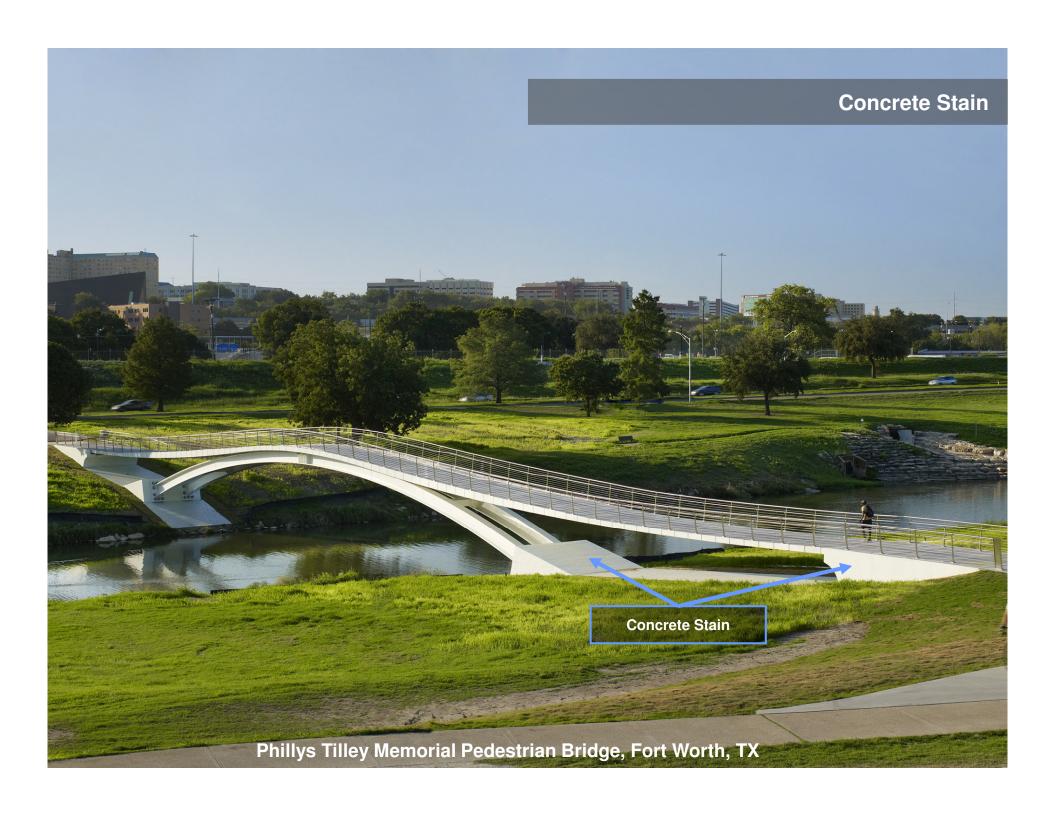
#### **Sustainability Strategy**





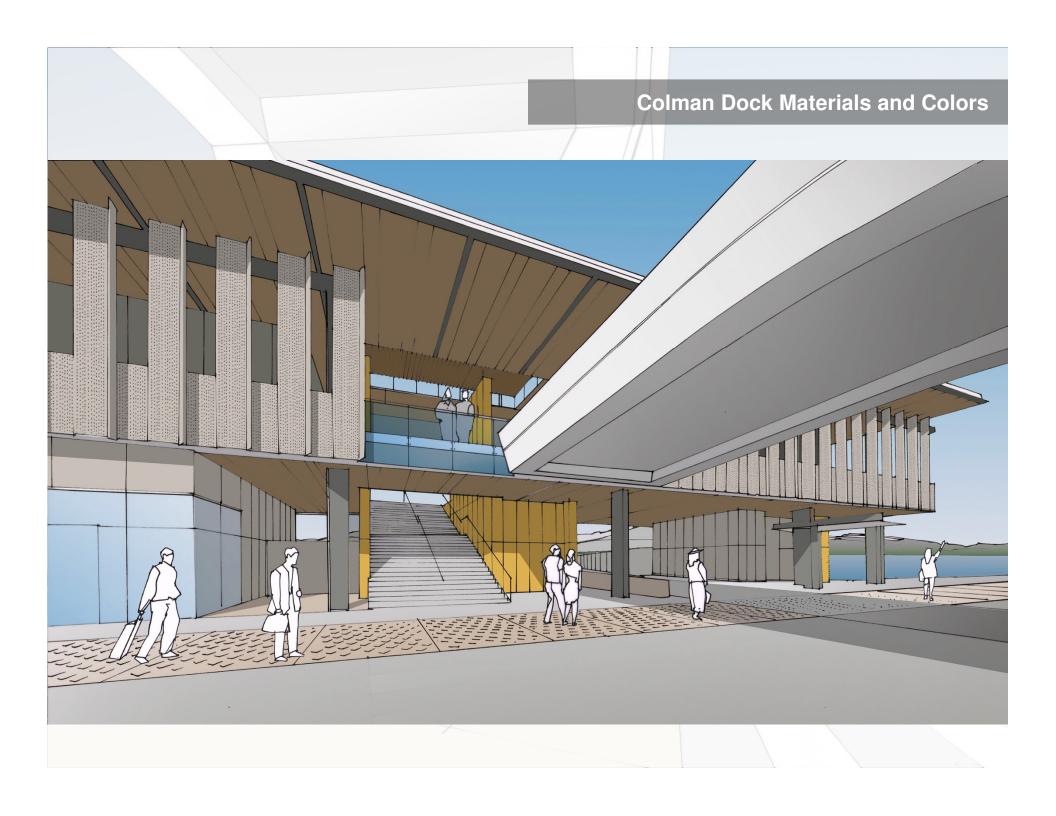






## **Colman Dock Materials and Colors**

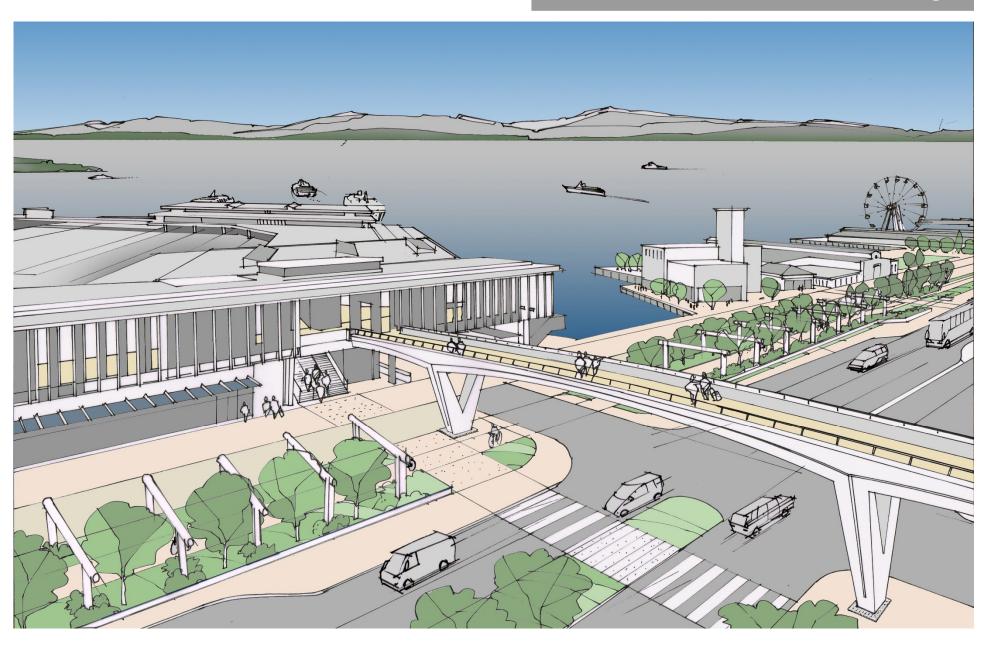
Sample	Use	Material	Finish / Color
	Terminal Ceiling	Stonewood Architectural Panels	New Age Oak
	Terminal Roof	Fluropon Classic	SR Silver Storm
	Guardrail Infill	Stainless steel	Silver / Sanded
	Terminal View Deck	Drylac Powder Coatings	PC-1 Mardi Gras Gold
	Plastic Glazing in Viewing Platform	3Form Koda XT	Ochre Stucco F06

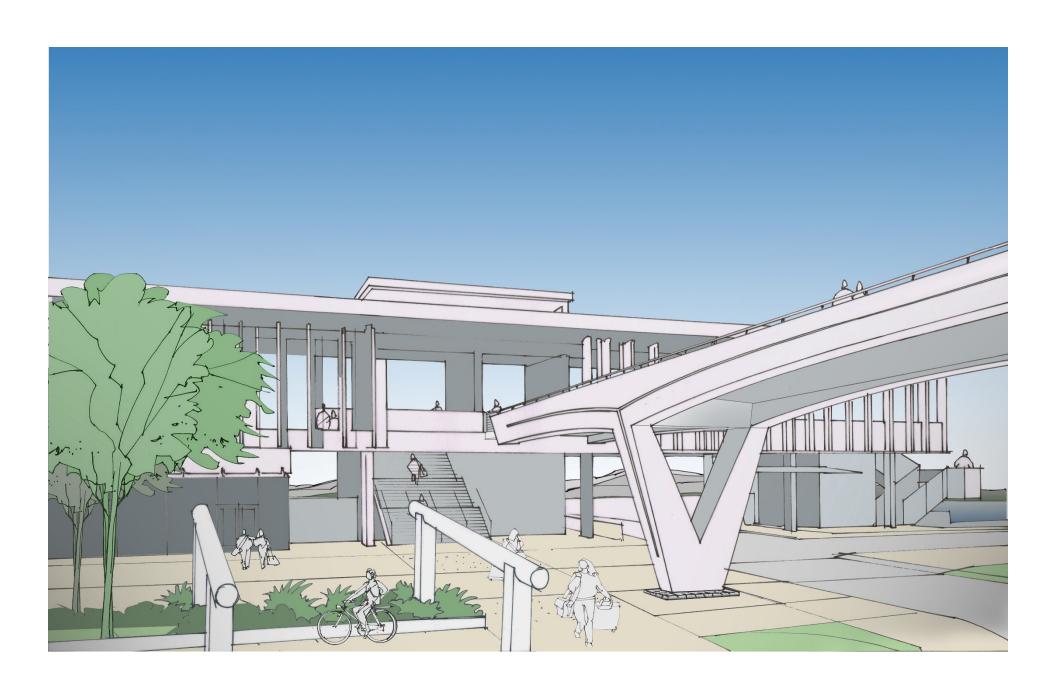


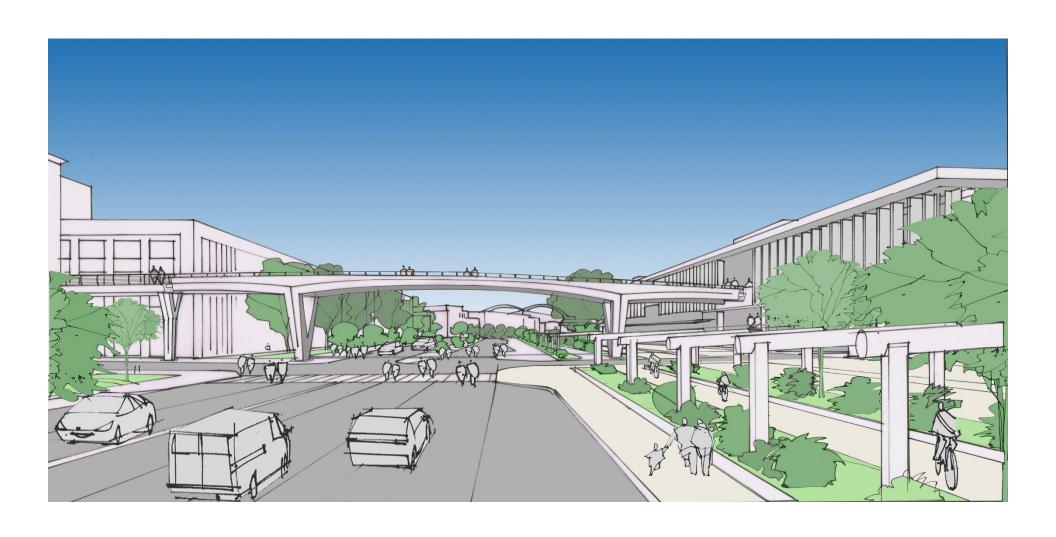
# Marion Street Pedestrian Bridge Materials and Colors

Sample	Use	Material	Finish / Color
	Concrete surfaces	Concrete stain	Federal Standard Color 37925 Light cool grey
	Base of Piers ADA warning	4"x4" Granite Cobblestone	Natural grey
	Bridge Luminaires	Aluminium and Stainless Steel	White
	Drainage pipes / Handrail	Stainless steel	Satin

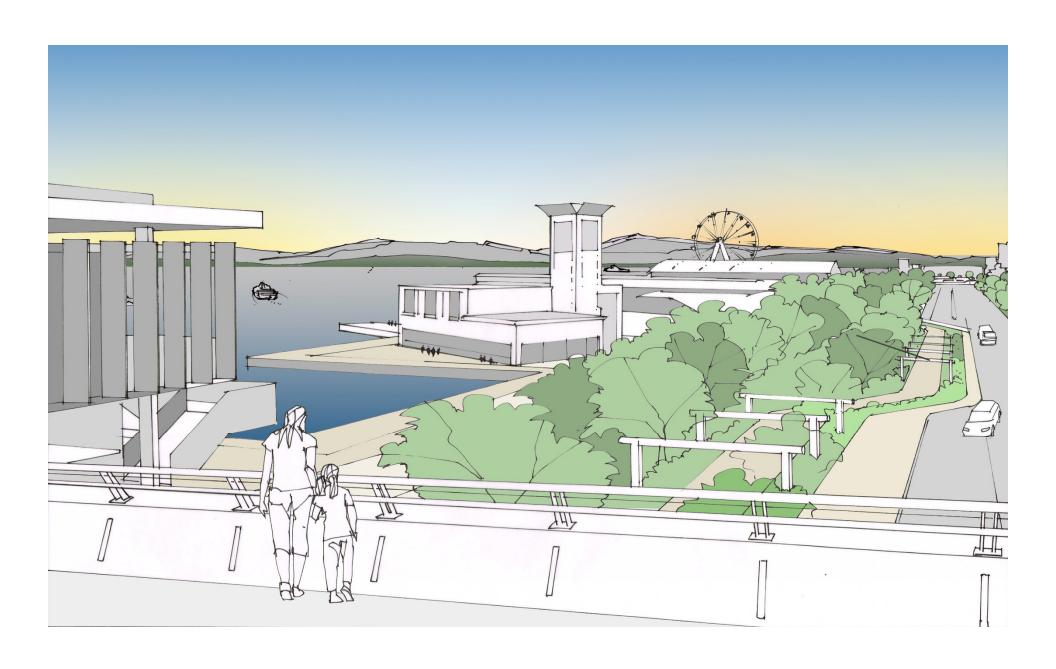
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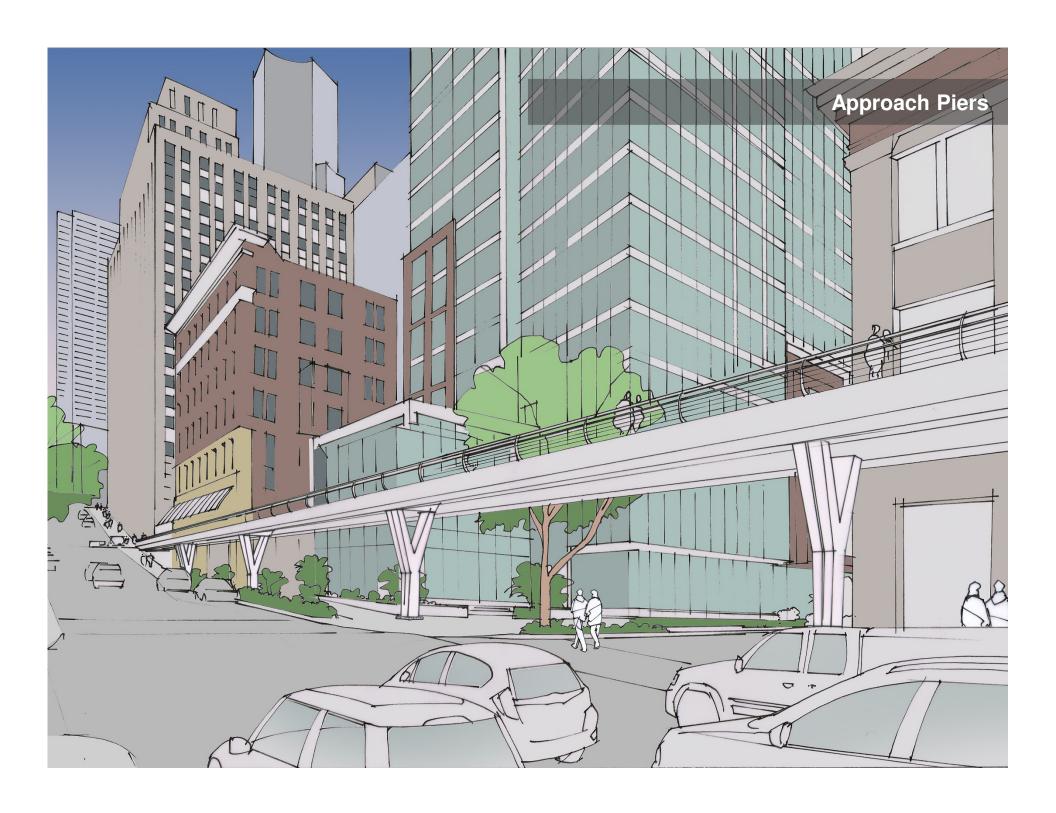






















# **Marion Street Pedestrian Bridge Seattle Design Commission** January 3rd, 2019





