



Welcome



Community Design Advisory Group Meeting #13

Multnomah County Department of Community
Services Transportation Division

March 20, 2025

*All CDAG meetings are live-streamed,
recorded and available to the public.*



Agenda

1. Welcome & Opening Remarks
2. Introductions & Housekeeping
3. Bridge Lighting
4. Urban Design Opportunities
5. Public Comment Period
6. Next Steps & Closing Remarks



The background is a blue-tinted photograph of a city skyline. In the foreground, there is a large bridge structure over water. The city skyline in the background features various buildings, including a prominent one with a dome on the left and several skyscrapers on the right. The overall scene is a mix of urban architecture and water infrastructure.

Housekeeping

Virtual Participation Tips

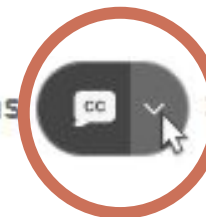
Closed captions in English are available in Webex and YouTube

1. In the bottom menu select "CC" or "closed captioning"
2. Select "view captioning and highlights"

Submit questions for response to burnsidebridge@multco.us



Closed caption options



View captions and highlights.



Public Input Instructions



Public comments are welcomed as part of each CDAG meeting and can be shared in several ways:

- **In-Person Verbal Comments:** Attend and comment in-person at Multnomah Building (Board Room, 1st Floor) - 501 SE Hawthorne Blvd, Portland, OR, 97214. Sign-up for comment at the sign-in table.
- **Virtual Verbal Comments:** Request link to provide virtual comments 24 hours before the meeting by sending an email with subject line “CDAG Comments” to: burnsidebridge@multco.us. A project team member will contact you with instructions.
- **Written Comments:** Send an email to be included in the groups meeting packet 48 hours before the meeting by sending an email with subject line “CDAG Comments” to: burnsidebridge@multco.us.



SAFETY BRIEFING & MEETING PROTOCOLS

Safety

- Evacuation location: Parking lot on the SE corner of 6th and Hawthorne (cross at light at SE 7th Ave)
- Emergency exits
- Restrooms outside the door

Meeting Protocols

- Question or comment: raise your hand or turn your table tent on the short end
- Speak clearly and toward the microphones
- Limit multitasking, side conversations and noise that could be picked up by the microphones
- All meetings are live to the public and recorded



MEETING PROTOCOLS

- **Be curious** and willing to learn.
- **Ask questions** to gain clarity and understanding.
- Express **preferences, interests, and outcomes** you wish to achieve.
- **Listen respectfully** to understand the needs and interests of others.
- Be **concise with comments and questions**.
- Focus on the **scope of the discussion**.
- **Attend all meetings** in a timely manner.
- Respect the **role of the facilitator** to guide the group process.
- Seek **common ground**.



Introductions and Roll Call



- **Aaron Whelton**, *Portland State University*
- **Anthony Jackson**, *Community Member*
- **Brian P. Kimura**, *Japanese American Museum of Oregon*
- **Carol Gossett**, *Oregon Museum of Science & Industry*
- **Erik Swenson**, *Portland Saturday Market*
- **Fred Cooper**, *Laurelhurst Neighborhood Association & Native American Youth and Family Center*
- **Gabe Rahe**, *Burnside Skatepark*
- **Guenevere Millius**, *Sunnyside Neighborhood Association*
- **Ian Sieren**, *Community Member*
- **Jackie Tate**, *Community Member*
- **Jason Halstead**, *Community Member*
- **Neil Jensen**, *Gresham Chamber of Commerce*
- **Paddy Tillett**, *Architect/Design Professional*
- **Patrick Sullivan**, *Community Member*
- **Robert Hastings**, *Willamette Light Brigade*
- **Sharon Wood Wortman**, *Historian*
- **Ed Wortman**, *Community Member*
- **Susan Lindsay**, *Buckman Neighborhood Association*
- **Valerie Schiller**, *Multnomah County Bike/Ped Citizen Advisory Committee*
- **Todd DeNeffe**, *Central Eastside Industrial Council*





Bridge Lighting

Burnside Bridge Aesthetic Lighting Canvas

A photograph of the Burnside Bridge at night. The bridge is a cable-stayed bridge with a tall, white, A-frame pylon. The bridge deck is illuminated with warm, yellow light. The bridge is reflected in the water below. In the foreground, there is a concrete structure with a glass facade, through which red light is visible. The sky is dark blue.

HLB

HLB Lighting Design

March 2025



Concept Development

- Placemaking
- Community Stakeholders
- Unique features of the structure
- Viewsheds



Guiding Principles

- 1 Bridge Visual Coherence
 - A. Resolve scale between fixed and movable spans
- 2 Bridge Form and Style
 - A. Transform into a new Portland skyline landmark
 - B. Provide distinctive lighting while adhering to sustainable best practices
- 3 Bridge Aspirations & Design Flexibility
 - A. Easily identifiable as a beacon of safety
 - B. Minimize effects on natural resources and wildlife
 - C. Symbol of Portland values and principles

BRIDGE LIGHTING CANVAS



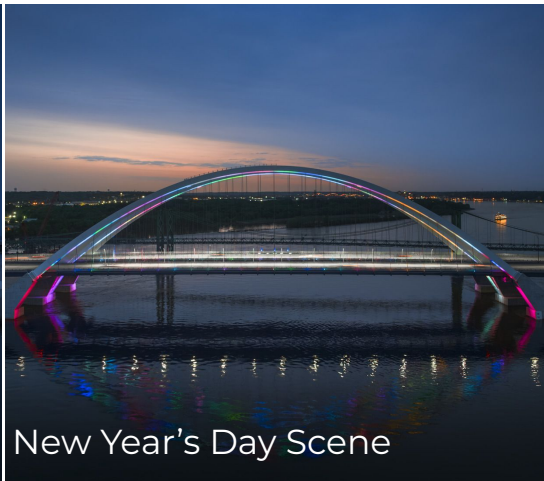
LGBTQ+ Pride Scene



Patriotic Scene



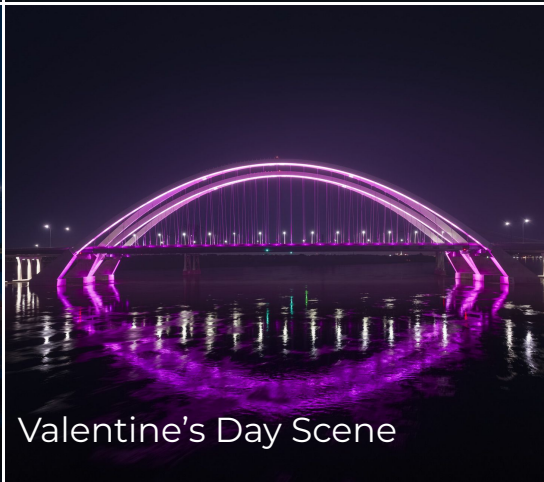
Cinco de Mayo Scene



New Year's Day Scene



Halloween Scene



Valentine's Day Scene

Aesthetic Lighting Goals

- January Meeting:
 - Lighting Canvas Focus
- March Meeting:
 - Lighting Scene Focus



I-74 Mississippi River Bridge

BRIDGE LIGHTING SCENES

HLB

Initial Scene Development

- Six Dynamic Lighting Scenes
- Lighting Canvas Strengths
 - Successful Colors
 - Types of Motion
- Lighting Scene Calendar
 - Base Lighting Scene
 - Seasonal Changes
 - Holidays or Special Events Celebrated
 - Themes to Use
- Develop the design for the scenes

Internal Glow



Lighting Scenes – Fall Color Theme Example



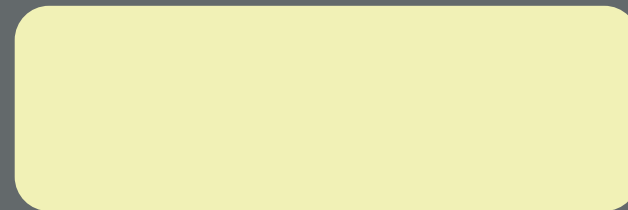
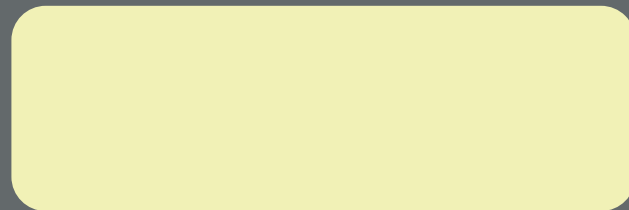
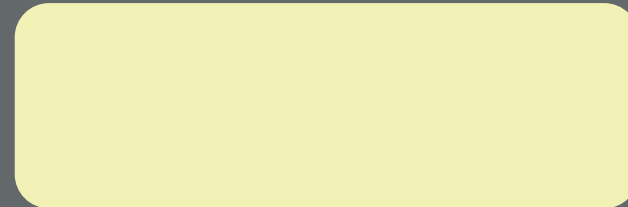
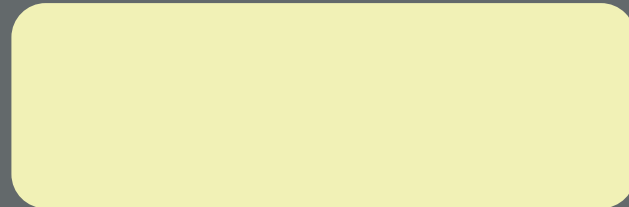
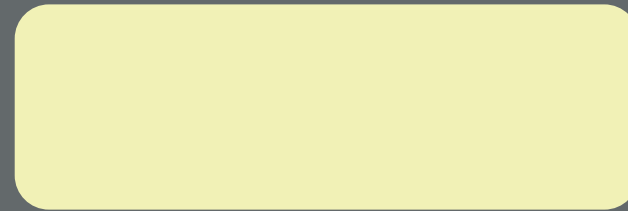
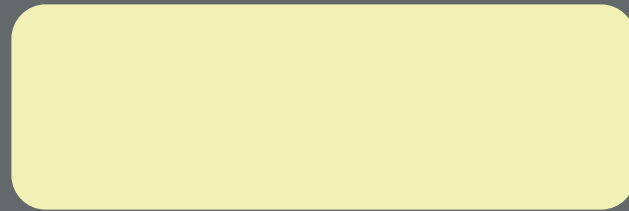
Lines of Light



Lighting Scenes – Fall Foliage Theme Example



Six Dynamic Lighting Scenes



AESTHETIC LIGHTING

Scene Development Case Studies



Lighting Scenes - Precedent

White Light Scene



Celebrating Quebec Scene



Celebrating Canada Scene

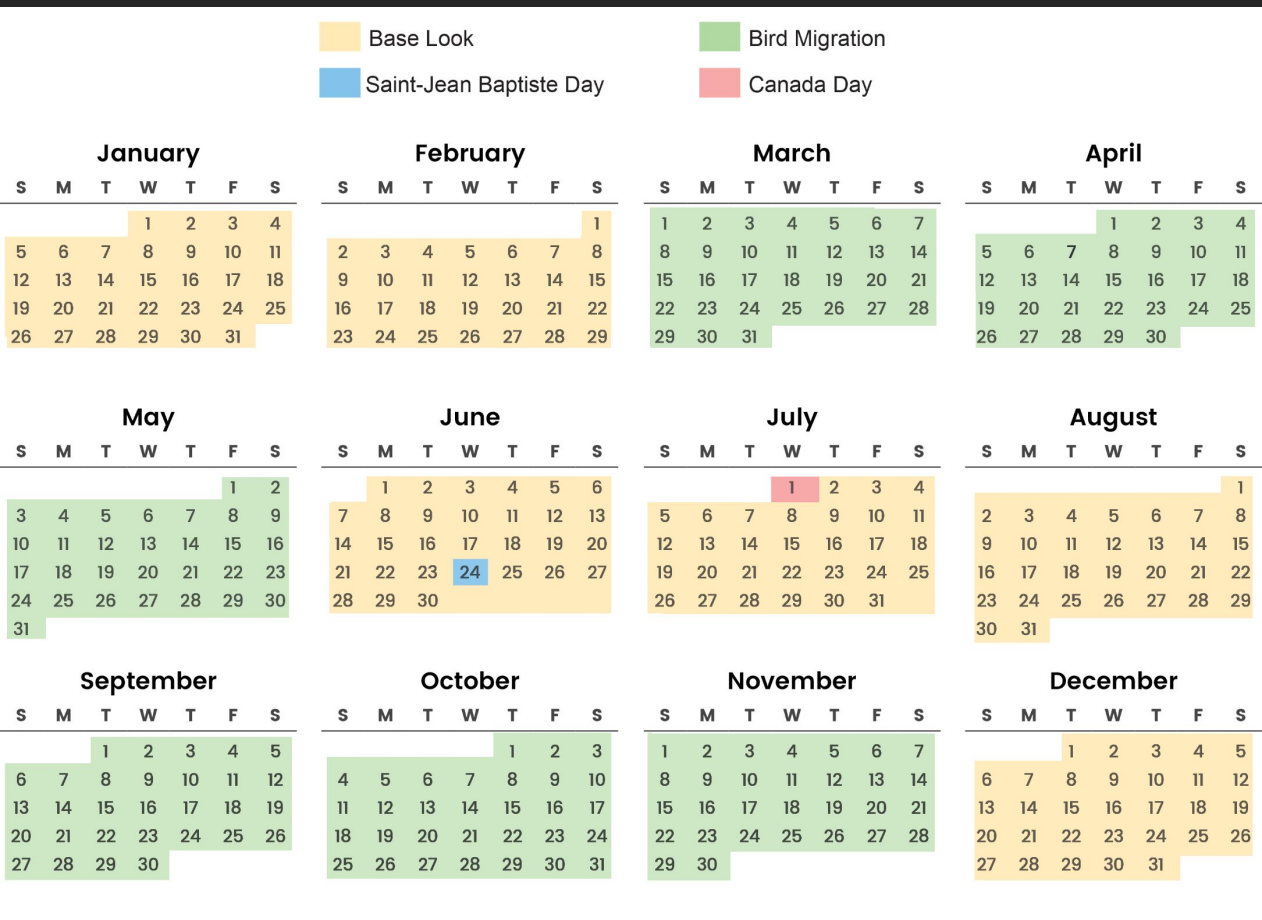


Migratory Bird Scene



Samuel De Champlain Bridge Lighting Scenes

Lighting Scenes - Precedent



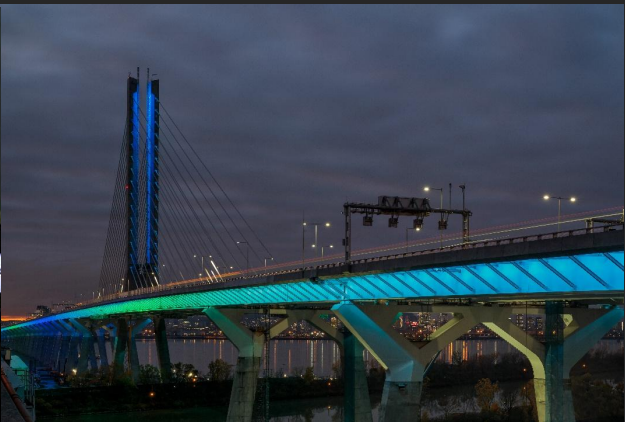
Base Look



Canada Day



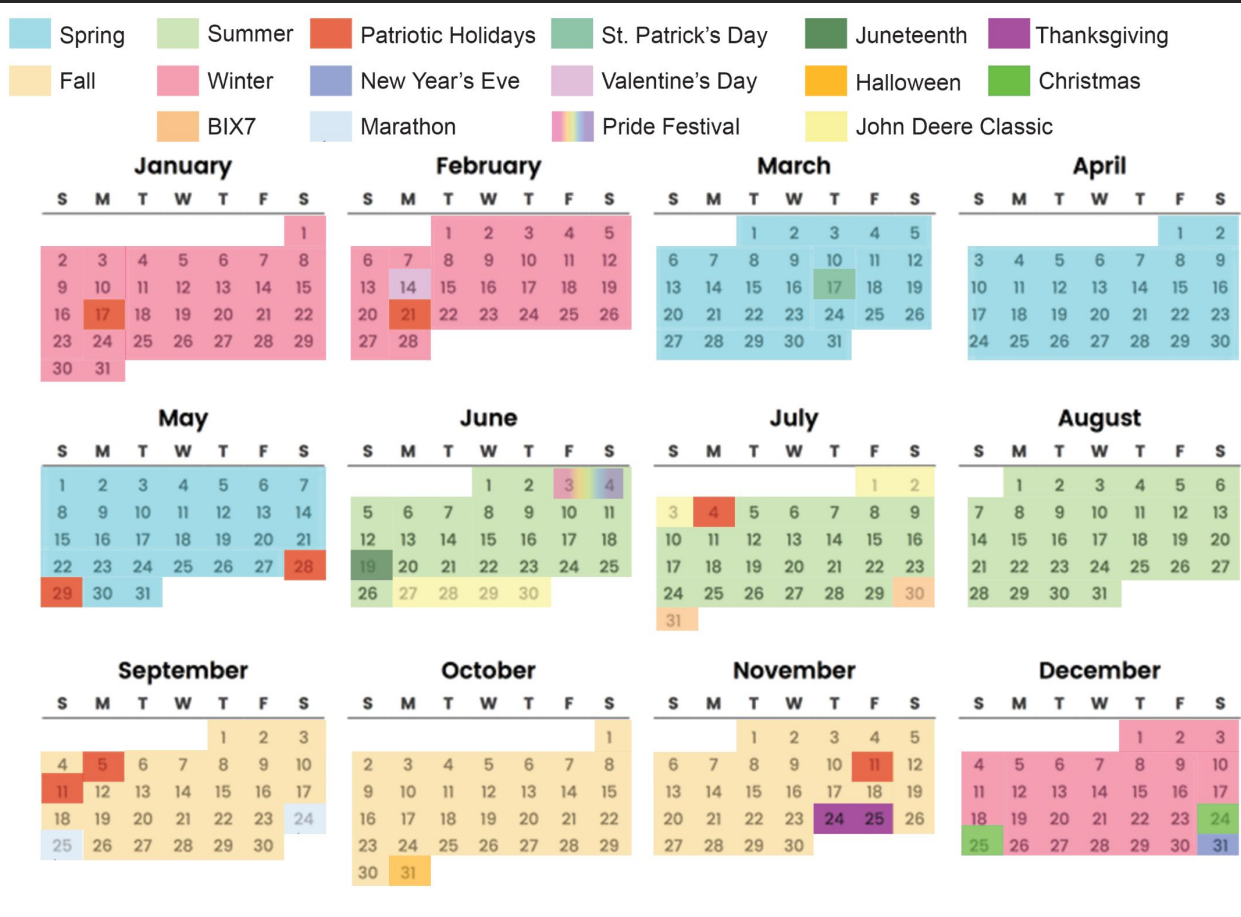
Saint-Jean Baptiste Day



Bird Migration

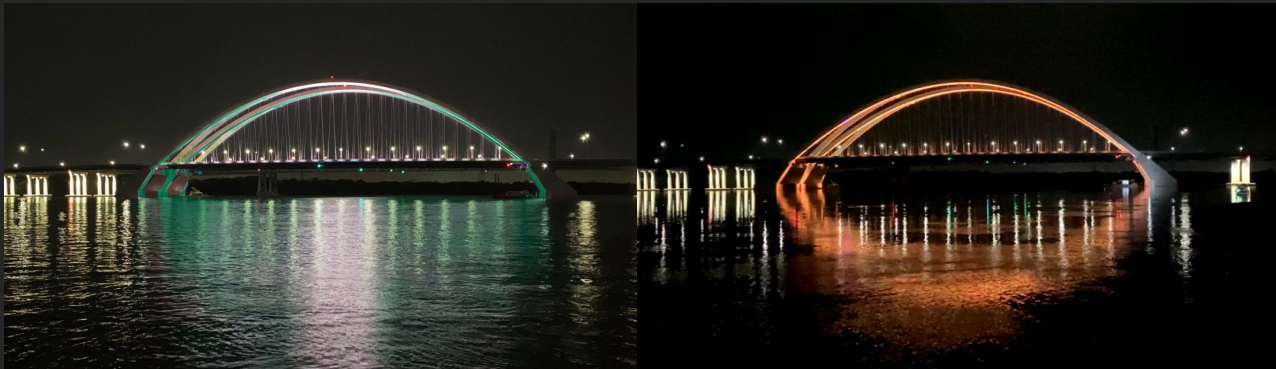
Samuel De Champlain Bridge Lighting Scene Calendar

Lighting Scenes (Seasonal) – Precedent



Winter (December – February)

Spring (March – May)

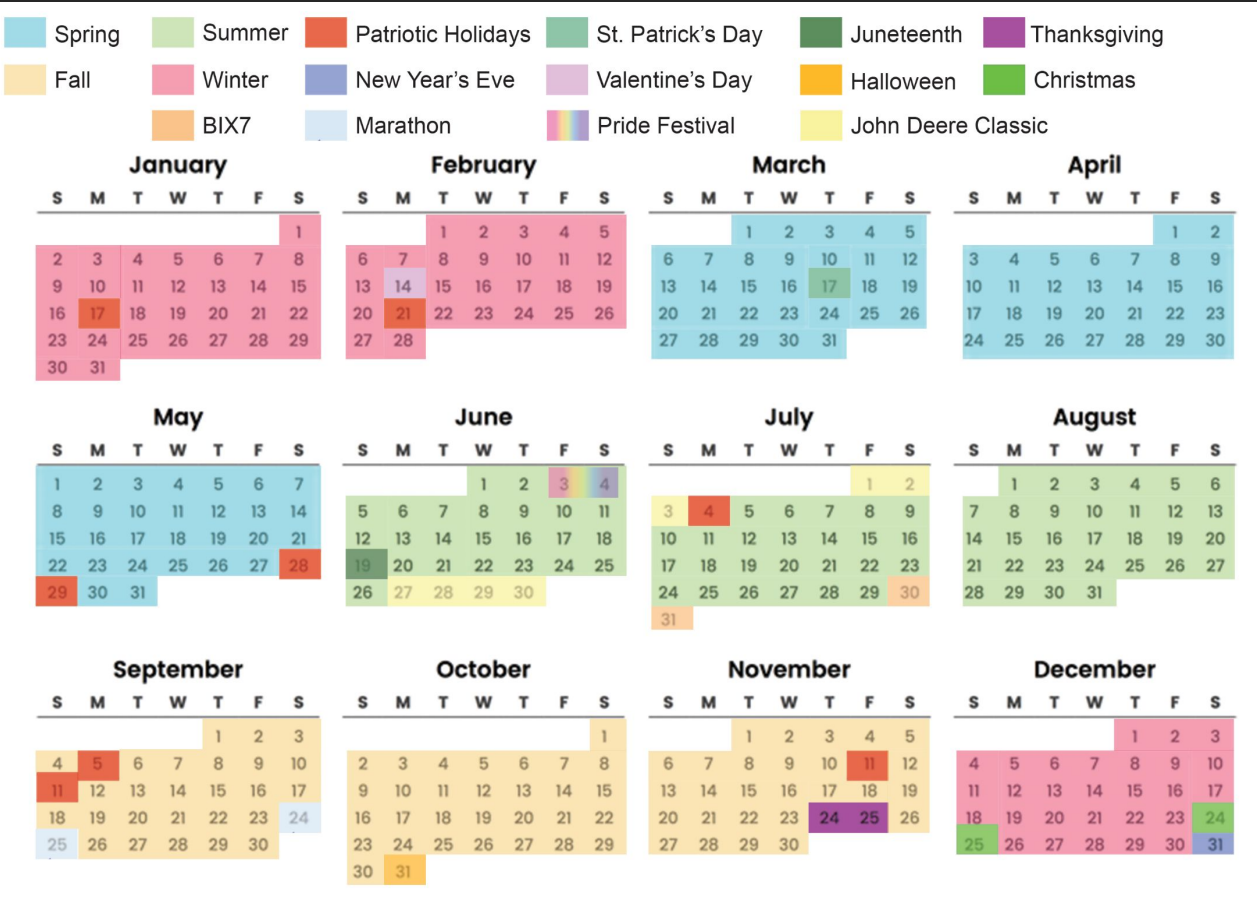


Summer (June – August)

Fall (September – November)

I-74 Mississippi River Bridge Lighting Scene Calendar

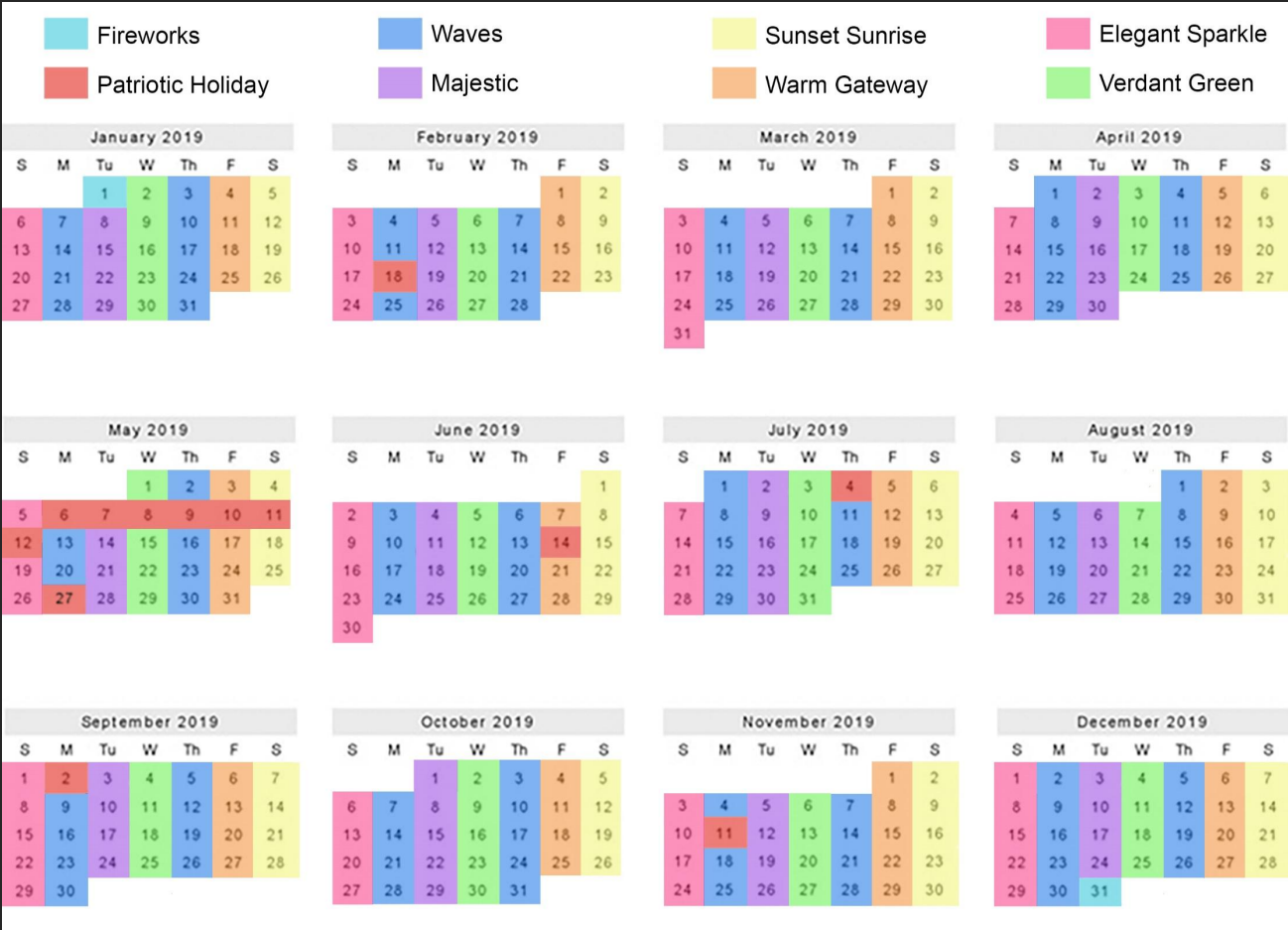
Lighting Scenes (Holiday) – Precedent



I-74 Mississippi River Bridge Lighting Scene Calendar



Lighting Scenes - Precedent



Sunset Sunrise



Patriotic



Majestic



Fireworks



Verdant Green



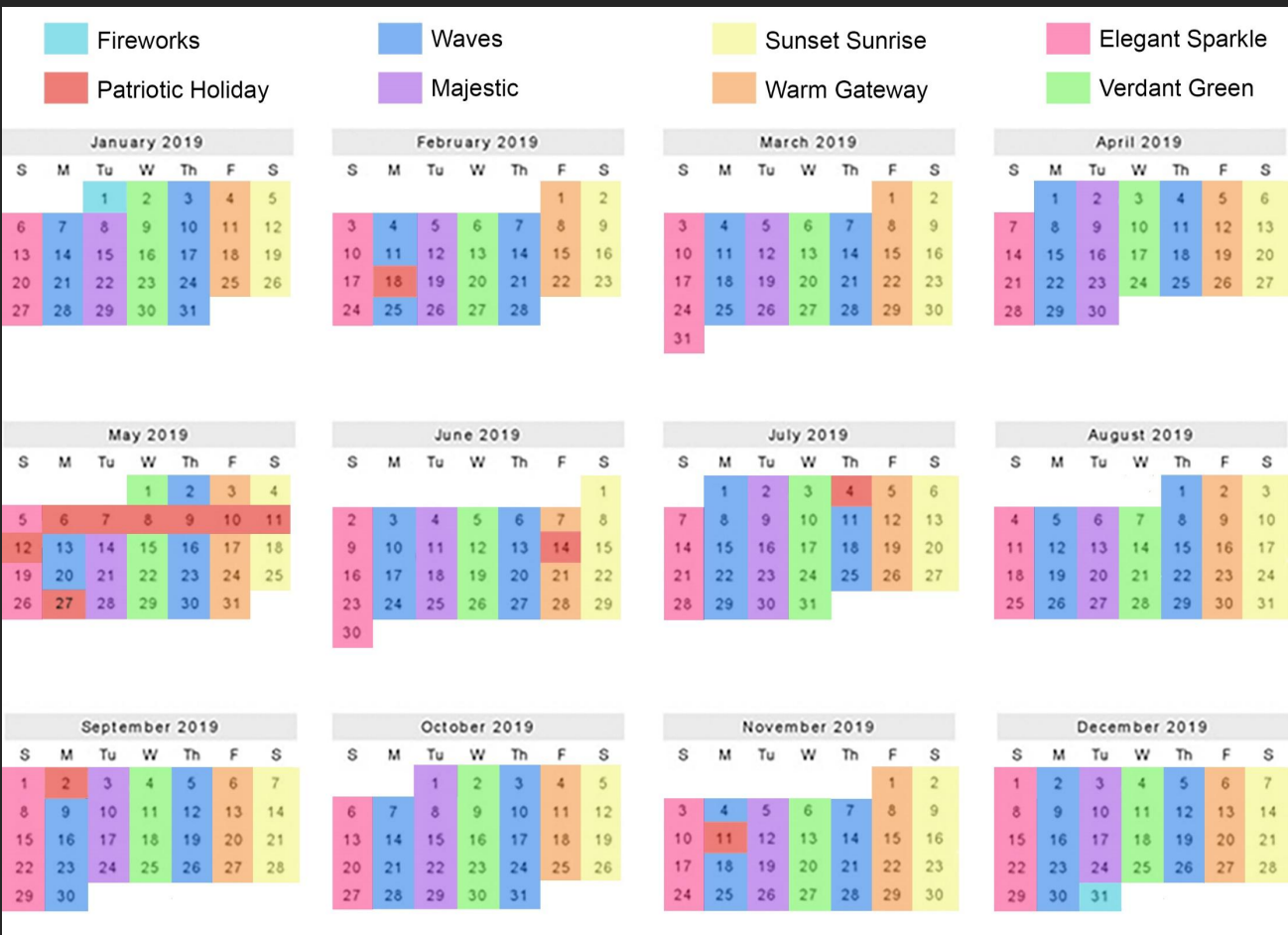
Waves

Sunshine Skyway Bridge Lighting Scene Calendar

Sunshine Skyway Bridge Lighting Scene Themes

- Evolving sunshine/sunrise
- Majestic
- Serenity
- Patriotic
- Sleek
- Sails
- Underwater/ reef/ beach
- Happy
- Vacation
- Joy
- Connected
- Gateway to Tampa Bay region
- Elegant
- Tampa Bay History
- Seasons

Lighting Scenes - Precedent



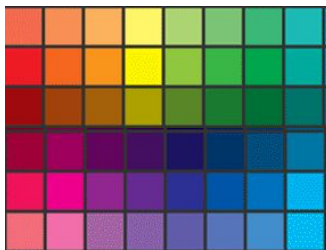
Sunshine Skyway Bridge Lighting Scene Calendar

Lighting Scenes – Color Picker Pattern



Sunshine Skyway Bridge Lighting Color Picker Pattern

COLOR PICKER CUSTOM COLORS




R:


G:

B:


COLOR A



COLOR B



COLOR C



STATIC THREE
COLOR LOOK 1

STATIC THREE
COLOR LOOK 2

STATIC THREE
COLOR LOOK 3

STATIC THREE
COLOR LOOK 4

AESTHETIC LIGHTING

Scene Development



Samuel De Champlain Bridge

Lighting Scenes – Fall Color Theme Example





Samuel De Champlain Bridge

BRIDGE LIGHTING SCENES

HLB

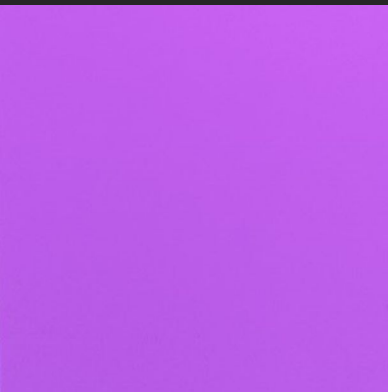
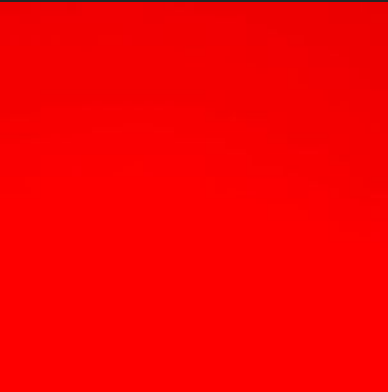
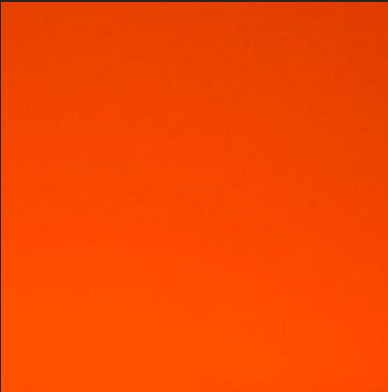
Lighting Canvas Strengths

- Light Color Appearance on
 - Weathering Steel
 - Concrete
- Types of Motion
 - Whole Element Color Fades
 - Color Chases
 - Color Sweeping Out from the Tower

Light Color Appearance

Matte White

Corten Steel



Light Color

YELLOW

ORANGE

RED

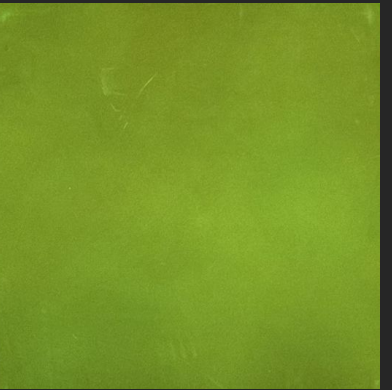
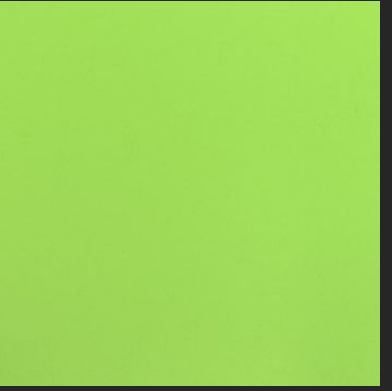
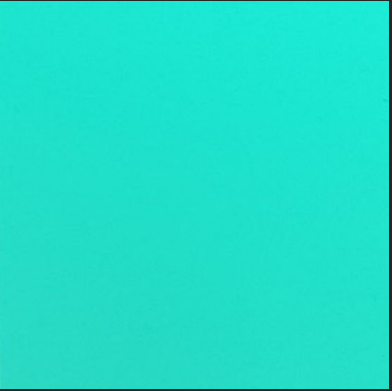
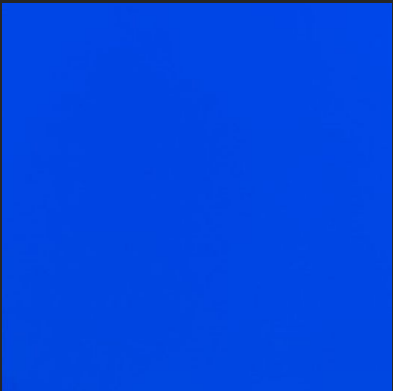
PINK

PURPLE

Light Color Appearance

Matte White

Corten Steel



Light Color

INDIGO

BLUE

CYAN

GREEN

LIME GREEN



I-74 Mississippi River Bridge

BRIDGE LIGHTING SCENES

HLB

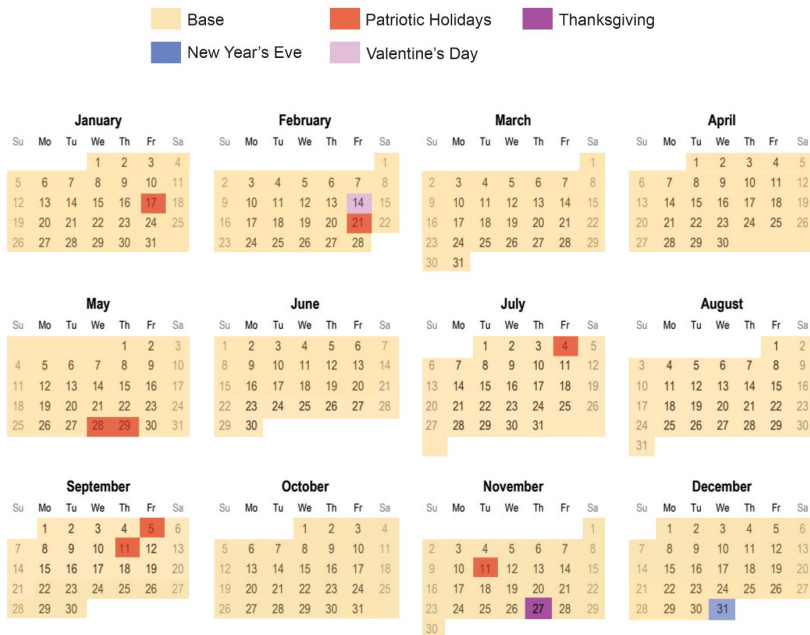
Lighting Scene Calendar

- Base Lighting Scene
- Seasonal Base Scene
- Themed Scenes Rotating Daily
- Holidays or Events to Celebrate

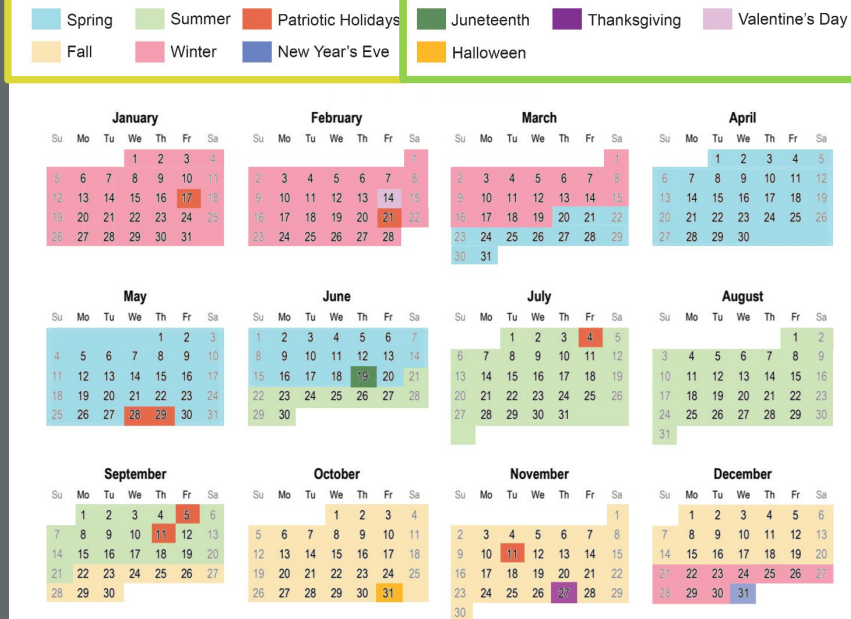
BRIDGE LIGHTING SCENES

Calendar Examples

Dynamic Scenes

Holiday Based

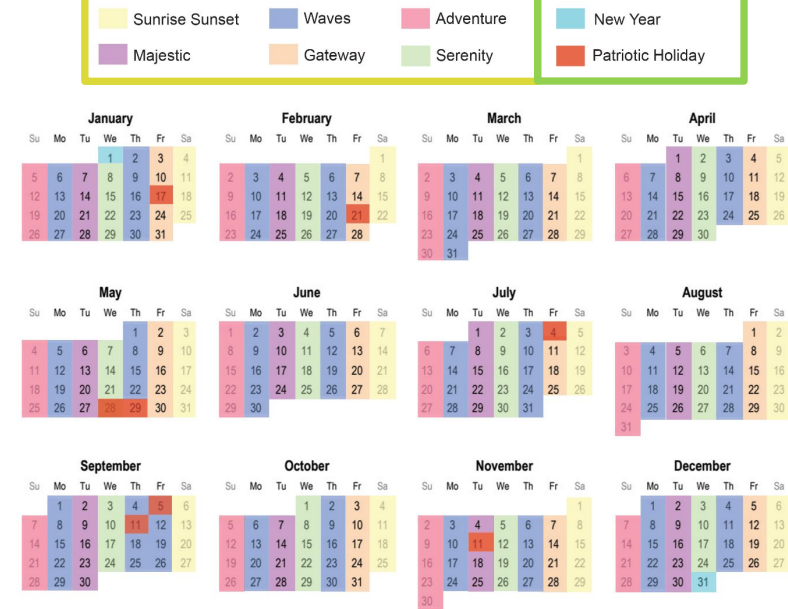
Dynamic Scenes

Season & Holiday Based

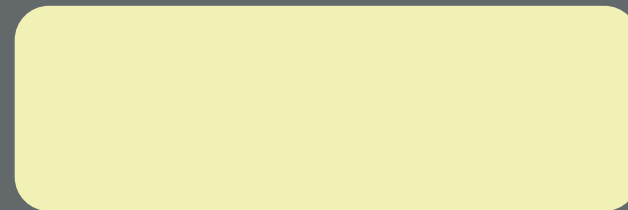
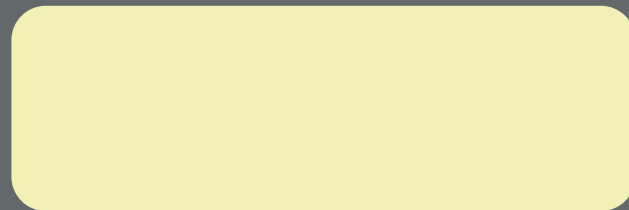
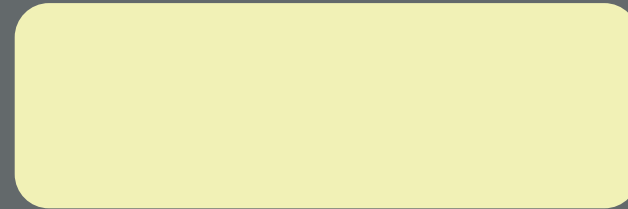
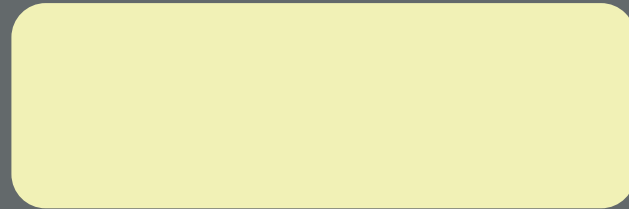
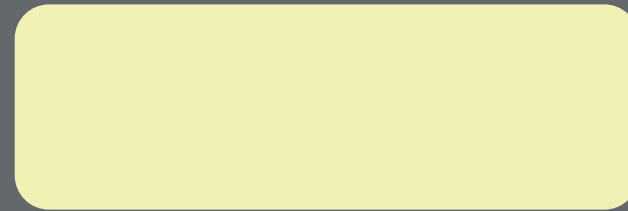
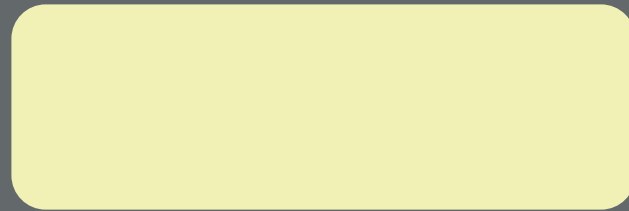
Static Color Picker

Dynamic Scenes

Static Color Picker

Theme Based

Six Dynamic Lighting Scenes





CDAG Feedback

- Initial Scenes
 - Static and Dynamic Use
 - Single Base
 - Seasonal Base
or
 - Themes
 - Holidays and Events

Thank You

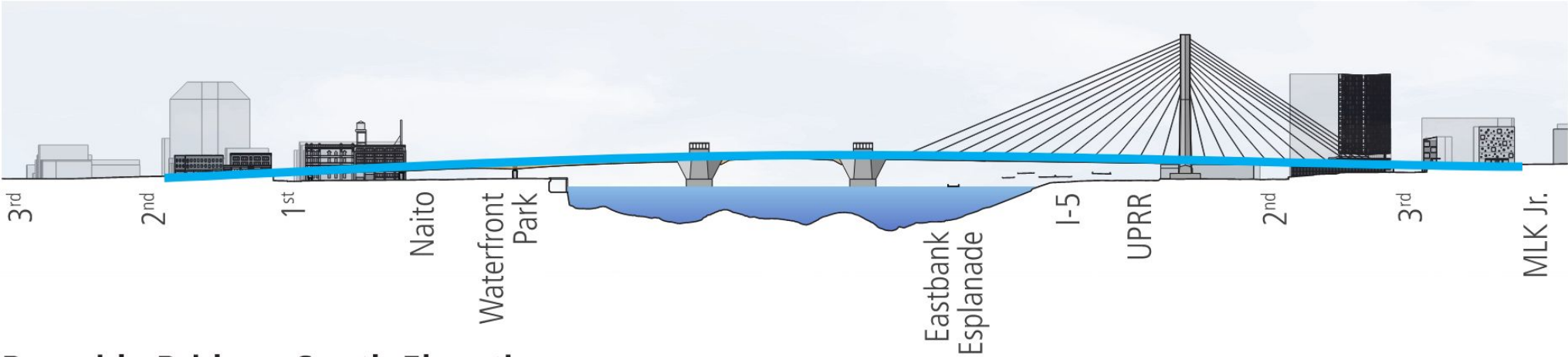
HLBlighting.com

HLB

Urban Design Opportunities



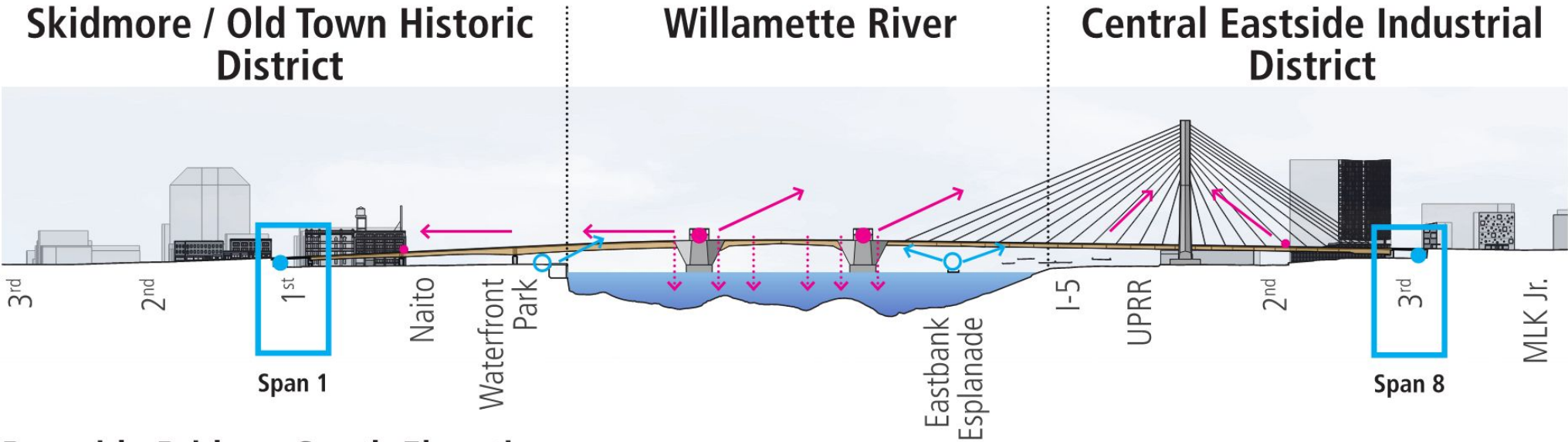
One Bridge



Burnside Bridge - South Elevation

Scale: 1" = 200'





Burnside Bridge - South Elevation

Scale: 1" = 200'



- On-bridge location opportunities
- Off-bridge location opportunities
Bent 1 & 8
- Off-bridge location opportunities
City of Portland Parks and Recreation Property
- ← On-Bridge Views - River
- ← On-Bridge Views - City/Bridge
- ← Off-Bridge Views - Bridge

Before the Burnside Bridge

Natural history setting and resources.

How Indigenous peoples used the Willamette River pre and post contact.

Why a bridge was needed at this location

History of the Burnside Bridge

Why first Burnside Bridge at this location was replaced.

Second bridge design, construction and operation.

Bridge is a significant and notable work of engineering and architecture.

Connection to the City Beautiful movement.

Social Importance of the Burnside Bridge

Crossing the Burnside Bridge, 1924 to 2027.

Events: Rose Parade, protests, and demonstrations.

Burnside Bridge in art and popular culture.

Burnside Skatepark

Continual use of the Willamette River by Indigenous peoples

Geology and Seismic

Seismic fault lines in the region

Seismic events from multiple perspectives

Soil conditions

How the new bridge is seismically resilient

Method

Minimum of 3 displays of 2 panels
(on bridge)

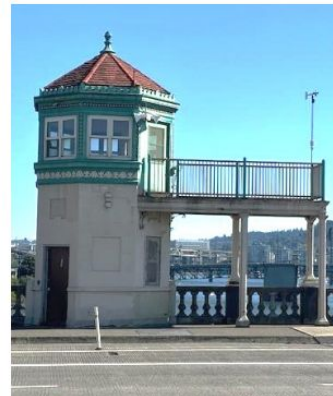
Graphics, photos, maps, drawings

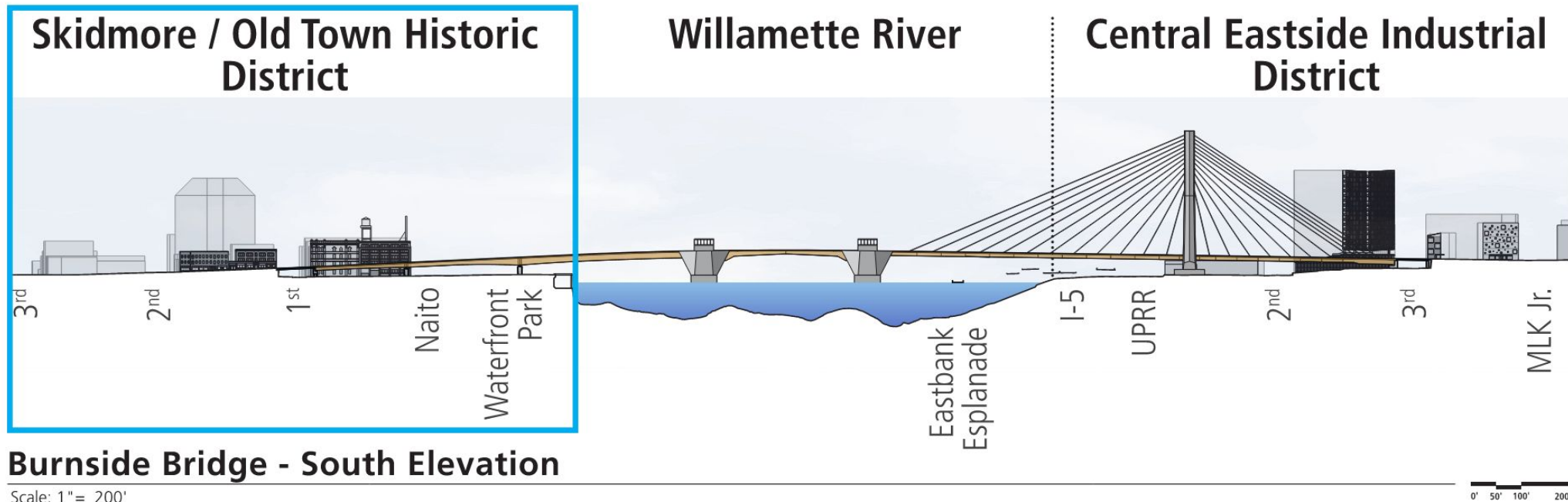
Retain color, shape 10 years.

May include alternate methods
(braille, audio, QR codes)

May include salvaged items

Salvage





Fine-grained street grid, sense of urban enclosure:



Unity between adjacent facades through cast-iron:



Cobblestone as paving surface:

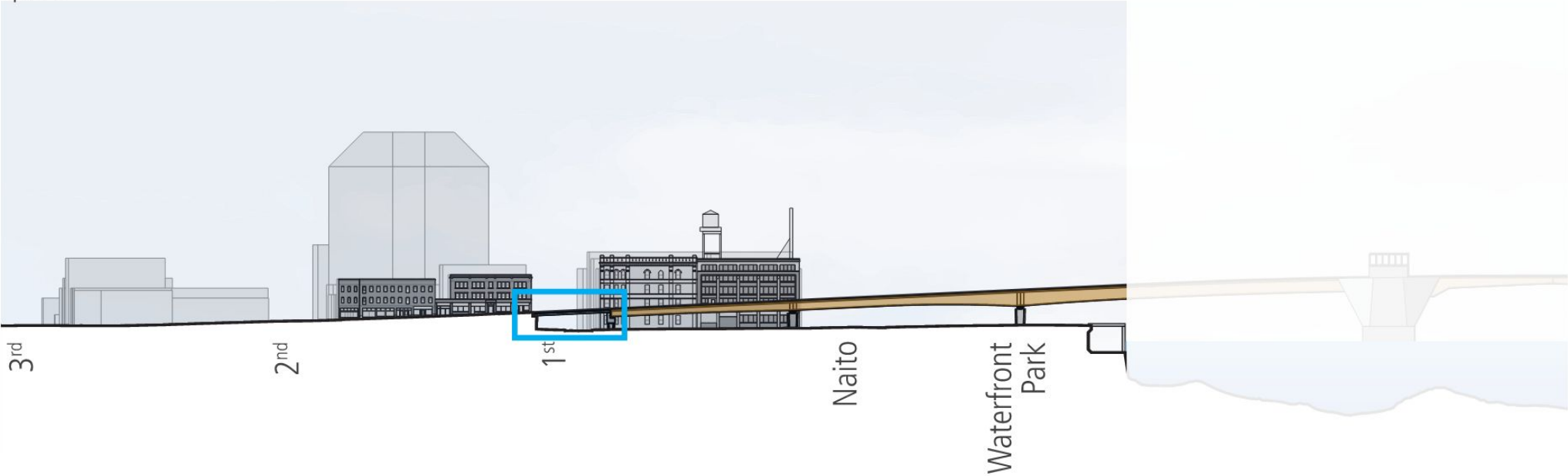


Use of stone, brick, and plaster cement materials:



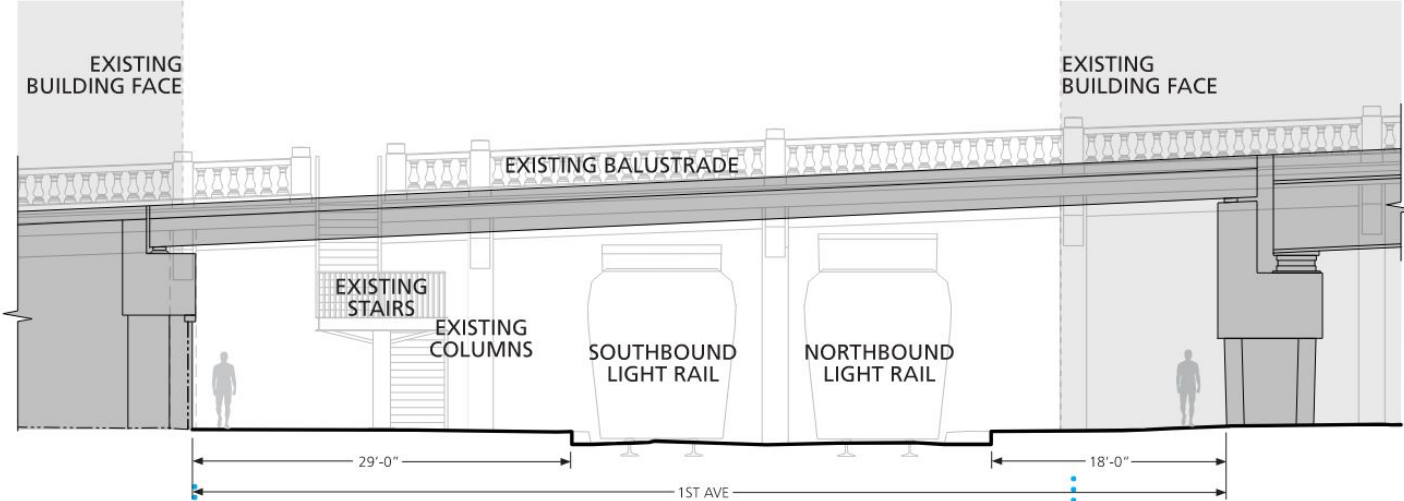
Skidmore / Old Town Historic District

Span 1

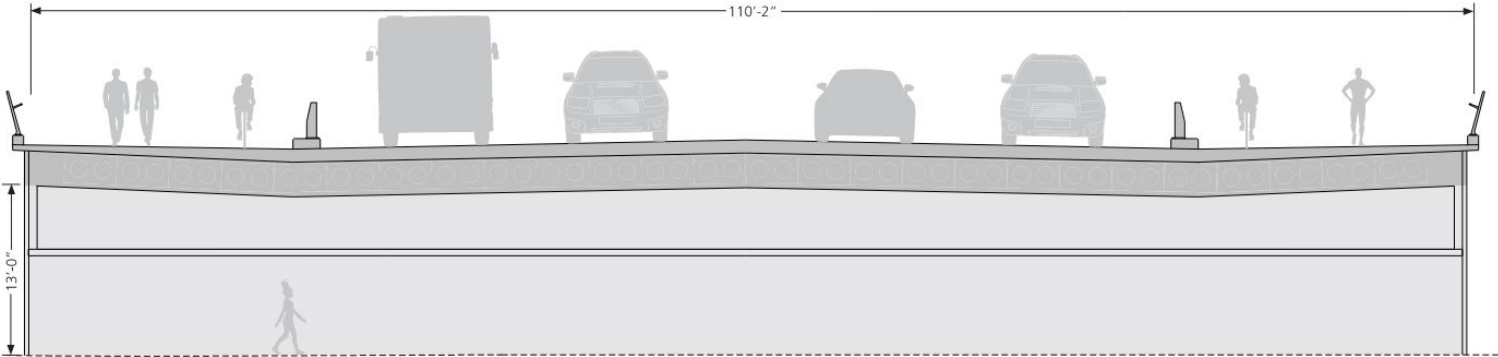


Existing Span 1

Span 1
Existing Condition

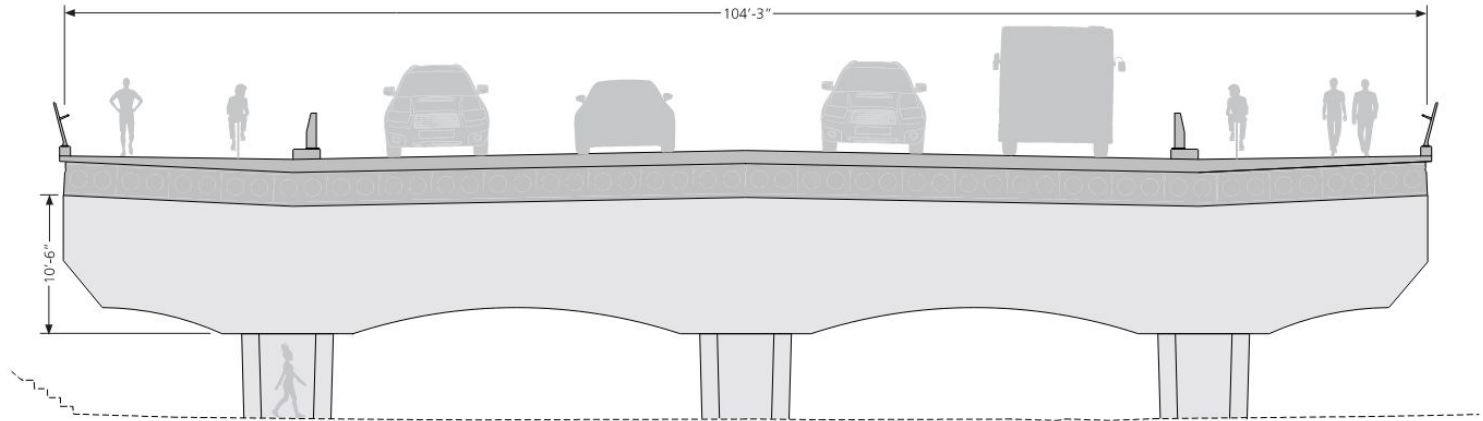


Existing Span 1



Bent 1 - Elevation Looking West

Scale: 1"= 10'- 0"

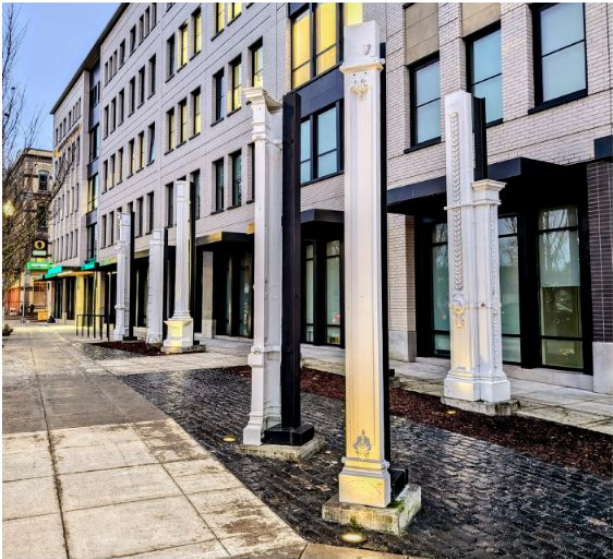


Bent 2 - Elevation Looking East

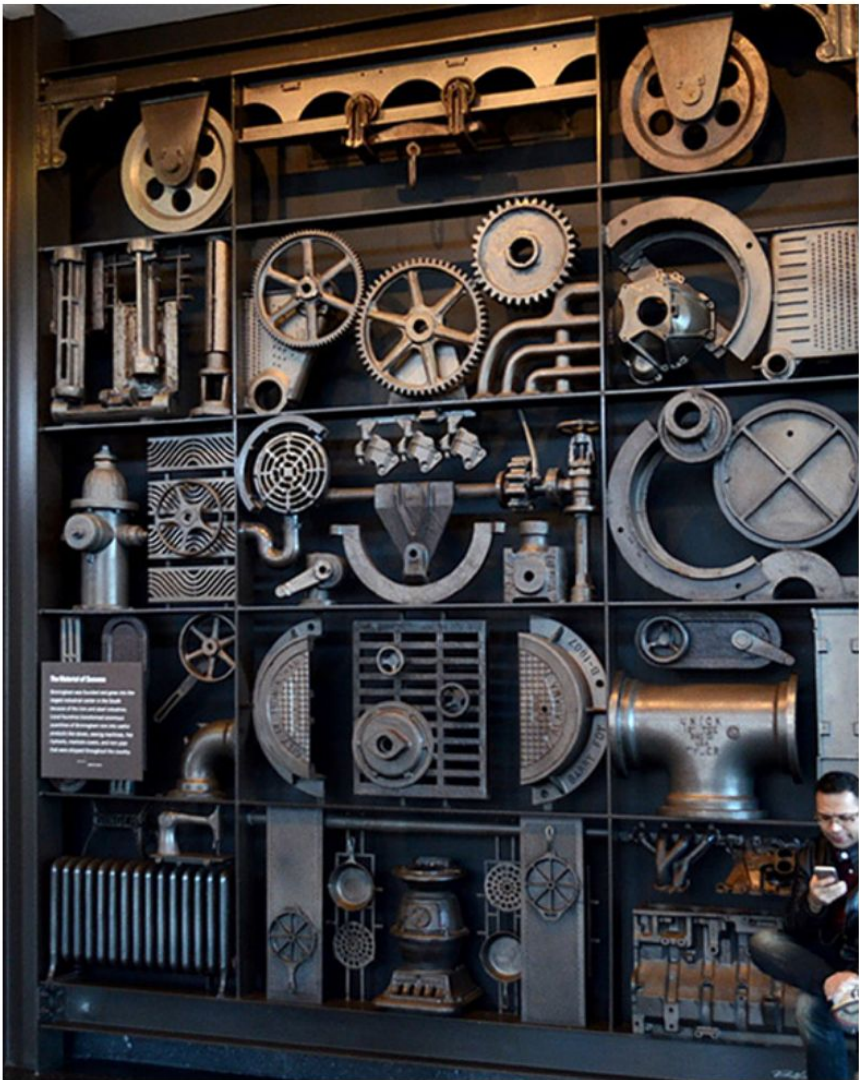
Scale: 1"= 10'- 0"



Skidmore / Old Town Historic District
Reuse Examples



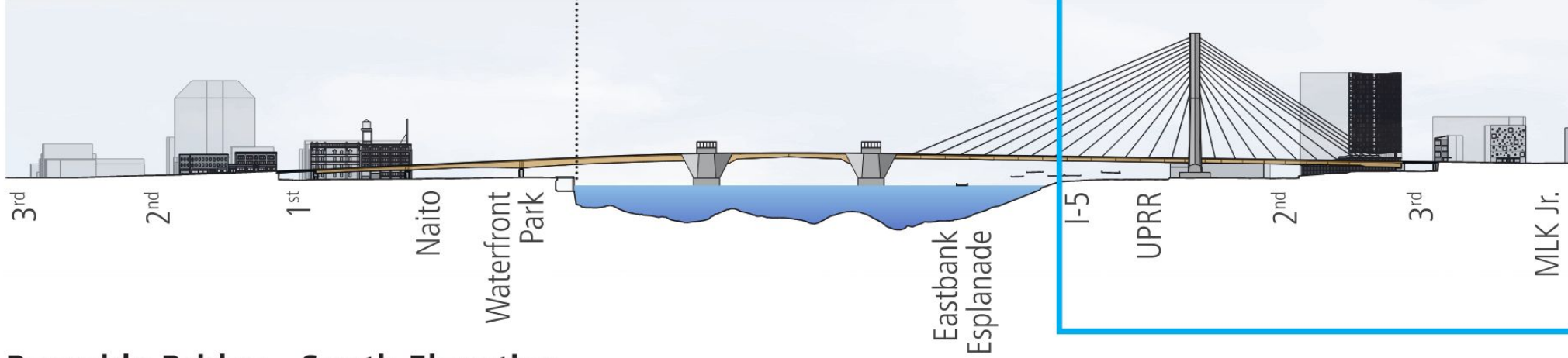
Span 1
Bridge Salvage Reuse



Skidmore / Old Town Historic District

Willamette River

Central Eastside Industrial District



Burnside Bridge - South Elevation

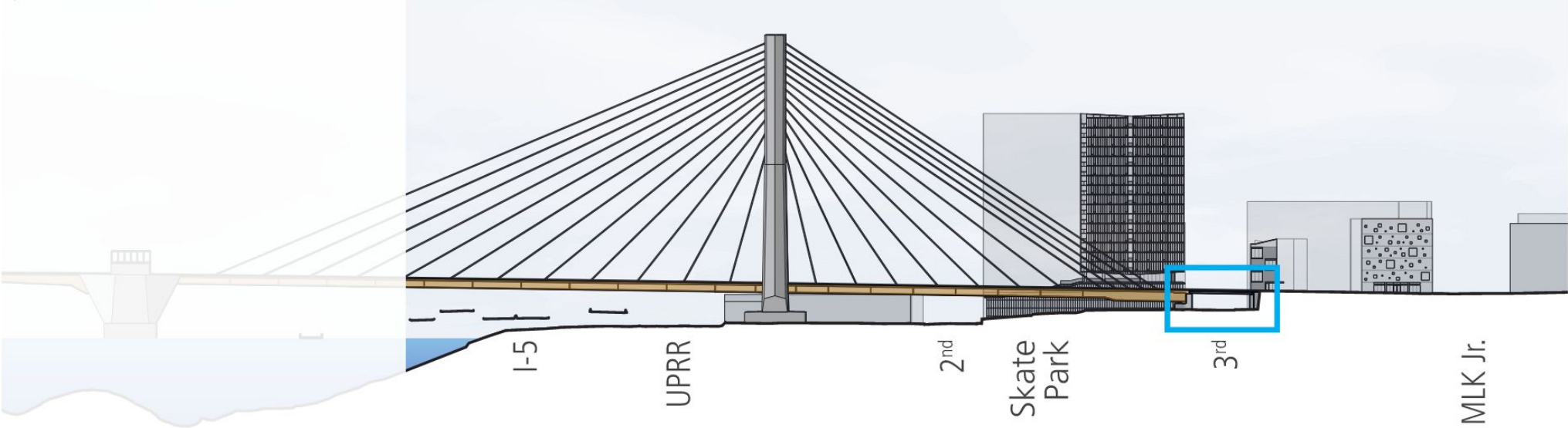
Scale: 1" = 200'

0' 50' 100' 200'

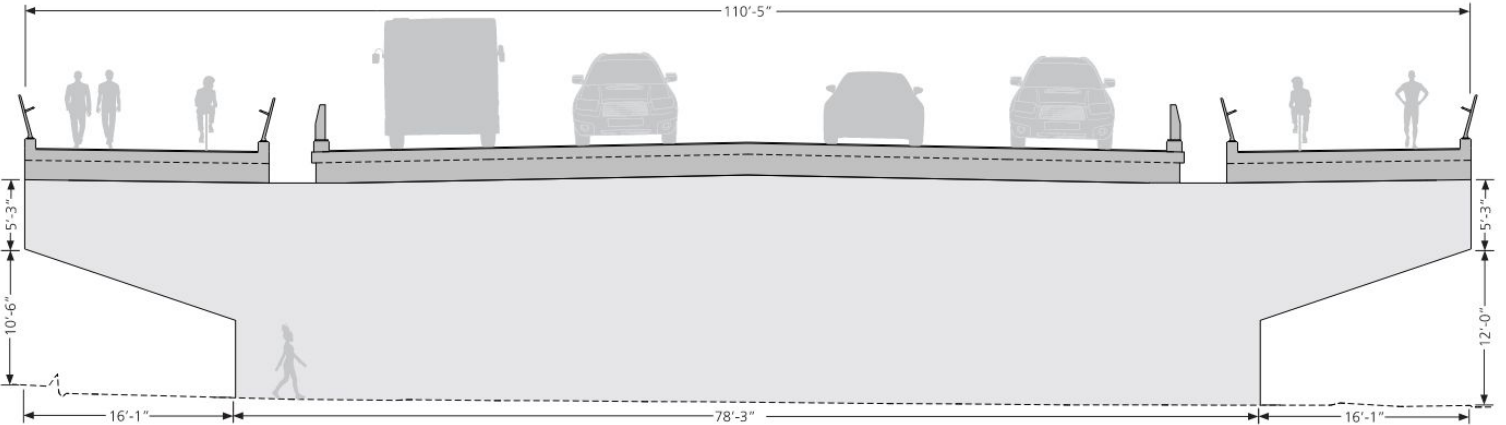




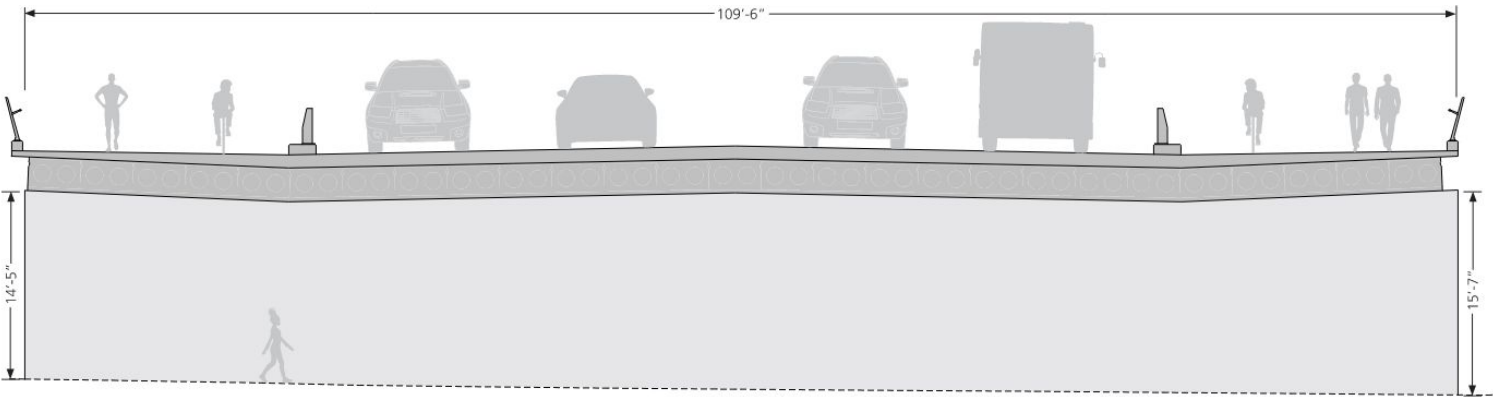
Central Eastside
Span 8



Existing Span 8



1 **Bent 8 - Elevation Looking West**
Scale: 1" = 10'-0"



2 **Bent 9 - Elevation Looking East**
Scale: 1" = 10'-0"



**Questions about the development
of Span 1 and Span 8?**

**Feedback for consideration while
the county and design team develop
these areas further?**



Public Comment

Public Comment

- State your first and last name
- Speak clearly and concisely
- Limit your comment to three minutes



If you have questions that you would like a response to, please submit them to burnsidebridge@multco.us.



Next Steps

Next Steps



Upcoming CDAG Meetings:

- April 3 Operator House Lunch and Learn (virtual)
- June (TBD)

Other project updates





Closing Remarks

The background of the slide is a blue-tinted photograph of a large steel truss bridge. The bridge's complex network of beams and girders is visible, creating a strong geometric pattern. Below the bridge, a body of water is visible, with some distant buildings and trees on the shore. The overall tone is professional and clean.

Thank you!