

Consulting Parties Advisory Group Meeting #5 – October 11, 2024

Review from Last Time (Meeting #4)

- Shared updates on action items
- Shared draft task assumptions for Interpretive Displays and Salvage
 - Utilize as we go out to find vendors
 - Support development of scopes of work
 - Capture input from this group
- Shared quick update on 3-D scanning





Focus for Meeting #5

- Updated Task Assumptions:
 - Interpretive Displays
 - Salvage
- Draft Task Assumptions:
 - 3-D Scan
- West End Design Development

Draft Task Assumptions The selected contractor will design the content, shape, and materials for interpretive displays about the

Number and Size

- There will be at least three displays consisting of two panels each, totaling six panels. If additional panels are included, the exact number of panels will be determined based

Content

- The displays should include a combination of graphics, photos, maps, drawings, and text
- The displays should be designed to follow a consistent format to provide continuity
- The displays may include alternative methods of providing information for visually impaired persons, such as braille, audio, QR codes, etc.
- At least one of the panels should be designed to engage elementary school aged
- Group to be appropriate themes for the interpretive displays:

Theme #1: Before the Burnside Bridge

- non-Indigenous peoples founded Portland and the city expanded. Natural history setting and resources.

Theme #2: History of the Burnside Bridge

- First Burnside Bridge at this location and why it was replaced.
- Design and construction of the second Burnside Bridge. Designer of the second Burnside Bridge.



Interpretive Displays - EQRB

on available spacing on the new Burnside Bridge and a decision by the City of Portland Parks and Recreation Department for placement of one or more panels in Tom McCall The size of the panels is dependent on bridge design and spacing available and will be

The displays may incorporate salvaged components from the existing Burnside Bridge.

The following themes were determined by the Section 106 Consulting Parties Advisory

Precontact: how Indigenous peoples used the Willamette River before

 Postcontact: how Indigenous and non-Indigenous peoples used the Willamette River before the Burnside Bridge was built. Postcontact: why a bridge at this location was needed after





Task Assumptions - No Change

- Comments
 - None
- Changes
 - None •









Salvage and Reuse

Updated Task Assumptions

- Comments
 - Spiral Stairs in Operator Towers
 - Walking Balcony
 - Balustrade Panel
 - More Rivets
- Changes
 - Stairs Yes
 - Walking Balcony Yes
 - Balustrade Panel One
 - 200 Rivets







3-D Scanning

NEW Draft Task Assumptions

Scan Content

- The entirety of the Burnside Bridge • will be scanned including the approaches.
 - The top, bottom, and interior areas of the bridge will be scanned:
 - Mechanical rooms, counterweight pits, • operator towers, walking balcony, and all railings.
 - The scan will capture the bridge in the open and closed positions.

Scan Specifications

- Scans will be captured in true color for the X, Y, Z coordinates.
- Scans will be registered into a common coordinate system and will be exported for use in a common software package.
- point cloud data.
- An animation of the bridge opening and closing may be provided.

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and will have a RGB color designation

A 3-D model will be created from the

6

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Discussion - Questions

Consulting Parties Advisory Group Mtg #5





50' Long

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(1) West Approach (Fixed)

3 8 8 ··· [9

(2) Main River Span (Movable)

450' Long

(Fixed)







around.

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Multnomah County wants to build and maintain a structure that is accessible for all people, regardless of how they get

The stairs that are in place now do not accomplish that, so the County is removing them and upgrading existing sidewalks to be ADA accessible.

New or improved ADAcompliant sidewalks will connect to nearby transit facilities, creating safer, more comfortable access for people with disabilities.



SIDEWALK & INTERSECTION IMPROVEMENTS





Upgrade existing sidewalks around the block and to adjacent transit stops to ADA standards

Full rebuild of intersection at West 2nd Avenue and Burnside

Add crosswalk where none exists today



EXISTING DETERIORATING SIDEWALKS









Discussion - Questions

Consulting Parties Advisory Group Mtg #5





NEPA PREFERRED ALTERNATIVE







NEPA Preferred Alternative - Girder



Decision Rational:

- Revised initial Girder concept to provide higher vertical clearance and more open views in Waterfront Park •
- Provides highest cost savings of the options studied •
- Meets permitting requirements and has least environmental impacts •
- Has support from key stakeholder groups.





NEPA Preferred Alternative - Girder

Permitting Requirements:

National Parks Service / FHWA (Section 106 / Section 4(f)):

Above deck elements in the West Approach create an Adverse Effect on the Skidmore / Old Town Historic District that is avoided with a girder concept

Historic Landmarks Commission / Design Commission:

- Due to visual impacts to historic districts, Girder-styled west approach option **best meets zoning code and historic** guidelines
- **Preference for "observable asymmetry"** due to distinct differences in urban fabric on west and east sides



esign Advice Requests are not intended to substitute for other Code Ign Advice Requests are not intended to substitute for other Code-required land use or legislative ordures. Please keep in mind that the formal Type 3 and Type 4 land use review process (which lades a land use review application, public notification and a Final Decision] must be followed once Design Advice Deview application, public notification and a Final Decision] must be followed once Design Advice Deview application. the Design Advice Request meetings are complete, if formal approval for specific elements of y ise continue to coordinate with me as you prepare your future Land Use Review Applicat

Historic Landmarks Commission Design Commission spondents



City of Portland listoric Landmarks Commission Design Commission

Design Advice Reques

Heather Catron, HDr egan Neill, Multnoma

Hillary Adam, Design Review 503-823-8953 | hillary.adam@porti

EA 21-007324 DA - Earthquake Ready Burnside Br EA 21-007685 DA - Earthquake Ready Burnside Br

Thank you for taking advantage of the opportunity to hold a Design Adhave you for taxing advantage of the opportunity to hold a Design Advice Request reg-negative terms of the anti-advantage of the opportunity to hold a Design Advice Request reg-ollowing, is a summary of the comments provided by the Historic Landmarks Commis-elesign Commission at the March 4, 2021 Design Advice Request. This summary was not notes taken at the public meeting and a subsequent review of the public meeting in aview those recordings, please visit-https://effes.portlandowpon.gou/Recording113/8020

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sign exploration of your project. These comments may also inform City staff when givin ce over the course of future related land use reviews. It should be underst ress the project as presented on March 4, 2021. As the proj too, may evolve or may no longer be pertinent. od that they

FROM CONCEPT TO CONSTRUCTION



NEPA Preferred Alternative - Girder



Public Response:

- Strong support for how girder option preserves views
- Support for girder to save cost
- Support for retain similar look and feel of current bridge



Do Not Support: 8%



FINAL DESIGN REFINEMENTS







Existing Bridge



NEPA Preferred Alternative



Interim Options



Final Design Refinement

































Looking SW from Waterfront Park



Looking SW from Waterfront Park



Looking N on Naito Pkwy



Looking N on Naito Pkwy

FINAL DESIGN REFINEMENT



Discussion - Questions

Consulting Parties Advisory Group Mtg #5





Additional Updates

Historic Landmarks Commission

- Briefing Scheduled 11/25
- Explain Section 106 Mitigation requirements and plans
- Progress on Interpretive Displays, Salvage, 3-D Scan

Burnside Bridge LEGO Model

• Erik Mattson, volunteer project



Additional Updates - LEGO Model









Additional Updates - LEGO Model









Project Activities Before Spring

- Design Phase, complete 30% plan package
- Update cost estimate
- Continue to refine elements of the bridge







Next Steps

Spring 2025 Workplan:

- Video Documentation
- Physical 3-D Model
- Documentation (HAER)
- Archival Records
- Publication

Reminder for Input:

Email to <u>EQRB-Consulting-Parties@multco.us</u>

Materials Website:

 <u>https://www.multco.us/earthquake-ready-</u> <u>burnside-bridge/consulting-parties-advisory-</u>

group-meeting-materials

Consulting Parties Advisory Group Mtg #5



